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

Cover Page

Order ID : Q2592

Project ID : Con Edison - East River Site 2

Client : PARSONS Engineering of New York, Inc.

Lab Sample Number	Client Sample Number
Q2592-01	WC-SOIL-20250711
Q2592-02	WC-SOIL-20250711

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

Signature : _____

Date: 7/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Edison - East River Site 2
Project # N/A
Order ID # Q2592
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe samples were analyzed on instrument BNA_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 Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
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 requirements for all compounds.
The RPD met criteria .

The Blank Spike for {PB168854BS} with File ID: BF143119.D met requirements for all samples except for 4-Nitroaniline[106%],is failing high but no positive hit in associate samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, and Di-n-octyl phthalate these compounds are passing on Linear Regression and 2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol, these Compounds are passing on Qudratic regression.

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The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol,2-Nitroaniline,2,4-Dinitrophenol,2,4-Dinitrotoluene,4,6-Dinitro-2-methylphenol,Butylbenzylphthalate,Di-n-octyl phthalate these compounds are passing on Linear Regression.

The Continuous Calibration File ID BP025155.D met the requirements except for 2,4-Dinitrophenol,2-Nitrophenol,3,3-Dichlorobenzidine,4,6-Dinitro-2-methylphenol,Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate,Hexachlorocyclopentadiene and 2,4,6-Tribromophenol are biased high therefore no corrective action was taken.

The Continuous Calibration File ID BP025187.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol, are biased high,and no positive hit in associated sampls, therefore no corrective action was taken.

The Tuning criteria met requirements.

Sample WC-SOIL-20250711 analyzed with direct 5X dilution due to dirty, viscous and concentrated matrix.

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

The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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

ORDER ID: Q2592 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 % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, and Di-n-octyl phthalate these compounds are passing on Linear Regression and 2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol, these Compounds are passing on Qudratic regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol,2-Nitroaniline,2,4-Dinitrophenol,2,4-Dinitrotoluene,4,6-Dinitro-2-methylphenol,Butylbenzylphthalate,Di-n-octyl phthalate these compounds are passing on Linear Regression.

The Continuous Calibration File ID BP025155.D met the requirements except for 2,4-Dinitrophenol,2-Nitrophenol,3,3-Dichlorobenzidine,4,6-Dinitro-2-methylphenol,Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate,Hexachlorocyclopentadiene and 2,4,6-Tribromophenol are biased high therefore no corrective action was taken.

The Continuous Calibration File ID BP025187.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol, are biased high,and no positive hit in associated sampls, therefore no corrective action was taken.

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.

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

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

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike for {PB168854BS} with File ID: BF143119.D met requirements for all samples except for 4-Nitroaniline[106%],is failing high but no positive hit in associate samples therefore no corrective action taken.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Sample WC-SOIL-20250711 analyzed with direct 5X dilution due to dirty, viscous and concentrated matrix.

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

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2592**

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

QA Review Signature: **SOHIL JODHANI** **Date:** **07/22/2025**

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LAB CHRONICLE

OrderID:	Q2592	**OrderDate:**	7/11/2025 3:05:25 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Edison - East River Site 2
Contact:	Zohar Lavy	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2592-01	**WC-SOIL-20250711**	**SOIL**			**07/11/25**			**07/11/25**
			SVOCMS Group1	8270E		07/15/25	07/16/25	
Q2592-02	**WC-SOIL-20250711**	**TCLP**			**07/11/25**			**07/11/25**
			TCLP BNA	8270E		07/16/25	07/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**WC-SOIL-20250711**								
Q2592-01	WC-SOIL-20250711	SOIL	Fluoranthene		760.000	J	200	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Pyrene		690.000	J	230	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Butylbenzylphthalate		860.000	J	460	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzo(a)anthracene		490.000	J	150	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Chrysene		570.000	J	130	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Bis(2-ethylhexyl)phthalate		2,000.000		390	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzo(b)fluoranthene		810.000	J	120	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzo(a)pyrene		620.000	J	190	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Indeno(1,2,3-cd)pyrene		470.000	J	190	1100	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzo(g,h,i)perylene		640.000	J	170	1100	ug/Kg
			Total Svoc :		**7,910.00**				
Q2592-01	WC-SOIL-20250711	SOIL	Benzenamine, 2-methoxy-	*	680.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzene, 1-isocyanato-2-methoxy	*	470.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzophenone	*	510.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	n-Hexadecanoic acid	*	980.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Octadecanoic acid	*	770.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	1,500.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	unknown16.113	*	460.000	J	0	0	ug/Kg
Q2592-01	WC-SOIL-20250711	SOIL	Benzoic acid	*	1,400.000	J	1200	2100	ug/Kg
			Total Tics :		**6,770.00**				
			Total Concentration:		**14,680.00**				

QC
SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168854BL	PB168854BL	2-Fluorophenol	150	110	73		18	112
		Phenol-d6	150	110	73		15	107
		Nitrobenzene-d5	100	82.0	82		18	107
		2-Fluorobiphenyl	100	70.8	71		20	109
		2,4,6-Tribromophenol	150	131	87		10	116
		Terphenyl-d14	100	77.2	77		10	105
PB168854BS	PB168854BS	2-Fluorophenol	150	112	75		18	112
		Phenol-d6	150	114	76		15	107
		Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	72.4	72		20	109
		2,4,6-Tribromophenol	150	140	94		10	116
		Terphenyl-d14	100	79.7	80		10	105
Q2592-01	WC-SOIL-20250711	2-Fluorophenol	150	70.8	47		18	112
		Phenol-d6	150	71.5	48		15	107
		Nitrobenzene-d5	100	53.2	53		18	107
		2-Fluorobiphenyl	100	55.4	55		20	109
		2,4,6-Tribromophenol	150	97.1	65		10	116
		Terphenyl-d14	100	58.2	58		10	105
Q2597-01MS	CHRT-26899MS	2-Fluorophenol	150	81.7	54		18	112
		Phenol-d6	150	79.9	53		15	107
		Nitrobenzene-d5	100	60.7	61		18	107
		2-Fluorobiphenyl	100	62.3	62		20	109
		2,4,6-Tribromophenol	150	106	71		10	116
		Terphenyl-d14	100	63.9	64		10	105
Q2597-01MSD	CHRT-26899MSD	2-Fluorophenol	150	82.8	55		18	112
		Phenol-d6	150	80.9	54		15	107
		Nitrobenzene-d5	100	59.8	60		18	107
		2-Fluorobiphenyl	100	60.6	61		20	109
		2,4,6-Tribromophenol	150	105	70		10	116
		Terphenyl-d14	100	62.7	63		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BP025191.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2597-01MS		**Client Sample ID: CHRT-26899MS**									
Benzaldehyde	1000	0	880	ug/Kg	88				10	171	
Phenol	1000	0	860	ug/Kg	86				51	122	
bis(2-Chloroethyl)ether	1000	0	840	ug/Kg	84				54	125	
2-Chlorophenol	1000	0	910	ug/Kg	91				51	121	
2-Methylphenol	1000	0	930	ug/Kg	93				47	125	
2,2-oxybis(1-Chloropropane)	1000	0	800	ug/Kg	80				46	119	
Acetophenone	1000	0	800	ug/Kg	80				55	128	
3+4-Methylphenols	1000	0	900	ug/Kg	90				49	125	
N-Nitroso-di-n-propylamine	1000	0	790	ug/Kg	79				59	119	
Hexachloroethane	1000	0	920	ug/Kg	92				51	116	
Nitrobenzene	1000	0	880	ug/Kg	88				47	124	
Isophorone	1000	0	900	ug/Kg	90				49	127	
2-Nitrophenol	1000	0	1000	ug/Kg	100				43	131	
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120				63	151	
bis(2-Chloroethoxy)methane	1000	0	850	ug/Kg	85				51	119	
2,4-Dichlorophenol	1000	0	950	ug/Kg	95				50	122	
Naphthalene	1000	0	840	ug/Kg	84				51	121	
4-Chloroaniline	1000	0	440	ug/Kg	44				10	100	
Hexachlorobutadiene	1000	0	980	ug/Kg	98				44	126	
Caprolactam	1000	0	860	ug/Kg	86				51	134	
4-Chloro-3-methylphenol	1000	0	880	ug/Kg	88				57	132	
2-Methylnaphthalene	1000	0	770	ug/Kg	77				59	123	
Hexachlorocyclopentadiene	2000	0	2500	ug/Kg	125				10	175	
2,4,6-Trichlorophenol	1000	0	1100	ug/Kg	110				33	141	
2,4,5-Trichlorophenol	1000	0	1000	ug/Kg	100				38	135	
1,1-Biphenyl	1000	0	880	ug/Kg	88				55	131	
2-Chloronaphthalene	1000	0	910	ug/Kg	91				48	124	
2-Nitroaniline	1000	0	940	ug/Kg	94				47	134	
Dimethylphthalate	1000	0	850	ug/Kg	85				54	120	
Acenaphthylene	1000	0	950	ug/Kg	95				57	125	
2,6-Dinitrotoluene	1000	0	1000	ug/Kg	100				48	127	
3-Nitroaniline	1000	0	810	ug/Kg	81				10	112	
Acenaphthene	1000	0	850	ug/Kg	85				70	121	
2,4-Dinitrophenol	2000	0	1100	ug/Kg	55				10	155	
4-Nitrophenol	2000	0	1800	ug/Kg	90				10	175	
Dibenzofuran	1000	0	810	ug/Kg	81				52	114	
2,4-Dinitrotoluene	1000	0	900	ug/Kg	90				41	140	
Diethylphthalate	1000	0	810	ug/Kg	81				51	119	
4-Chlorophenyl-phenylether	1000	0	820	ug/Kg	82				48	122	
Fluorene	1000	0	790	ug/Kg	79				53	118	
4-Nitroaniline	1000	0	830	ug/Kg	83				29	140	
4,6-Dinitro-2-methylphenol	1000	0	690	ug/Kg	69				10	160	
N-Nitrosodiphenylamine	1000	0	970	ug/Kg	97				73	118	
4-Bromophenyl-phenylether	1000	0	1100	ug/Kg	110				65	121	
Hexachlorobenzene	1000	0	1000	ug/Kg	100				67	118	
Atrazine	1000	0	1200	ug/Kg	120				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BP025191.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2000	0	2000	ug/Kg	100				13	153	
Phenanthrene	1000	0	880	ug/Kg	88				52	128	
Anthracene	1000	0	920	ug/Kg	92				62	124	
Carbazole	1000	0	870	ug/Kg	87				59	119	
Di-n-butylphthalate	1000	0	920	ug/Kg	92				55	125	
Fluoranthene	1000	100	910	ug/Kg	81				44	125	
Pyrene	1000	110	850	ug/Kg	74				37	122	
Butylbenzylphthalate	1000	0	930	ug/Kg	93				44	135	
3,3-Dichlorobenzidine	1000	0	560	ug/Kg	56				15	112	
Benzo(a)anthracene	1000	62.5	930	ug/Kg	87				53	119	
Chrysene	1000	92.0	930	ug/Kg	84				57	121	
bis(2-Ethylhexyl)phthalate	1000	120	1100	ug/Kg	98				42	169	
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100				51	156	
Benzo(b)fluoranthene	1000	140	930	ug/Kg	79				52	117	
Benzo(k)fluoranthene	1000	46.9	890	ug/Kg	84				57	134	
Benzo(a)pyrene	1000	63.6	1000	ug/Kg	94				70	142	
Indeno(1,2,3-cd)pyrene	1000	62.9	1000	ug/Kg	94				40	129	
Dibenz(a,h)anthracene	1000	0	980	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	1000	76.3	990	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1000	0	950	ug/Kg	95				52	134	
1,4-Dioxane	1000	0	680	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1000	0	950	ug/Kg	95				24	146	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BP025192.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2597-01MSD		**Client Sample ID: CHRT-26899MSD**									
Benzaldehyde	1000	0	870	ug/Kg	87	1			10	171	20
Phenol	1000	0	870	ug/Kg	87	1			51	122	20
bis(2-Chloroethyl)ether	1000	0	840	ug/Kg	84	0			54	125	20
2-Chlorophenol	1000	0	930	ug/Kg	93	2			51	121	20
2-Methylphenol	1000	0	930	ug/Kg	93	0			47	125	20
2,2-oxybis(1-Chloropropane)	1000	0	800	ug/Kg	80	0			46	119	20
Acetophenone	1000	0	800	ug/Kg	80	0			55	128	20
3+4-Methylphenols	1000	0	900	ug/Kg	90	0			49	125	20
N-Nitroso-di-n-propylamine	1000	0	790	ug/Kg	79	0			59	119	20
Hexachloroethane	1000	0	920	ug/Kg	92	0			51	116	20
Nitrobenzene	1000	0	860	ug/Kg	86	2			47	124	20
Isophorone	1000	0	890	ug/Kg	89	1			49	127	20
2-Nitrophenol	1000	0	1000	ug/Kg	100	0			43	131	20
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120	0			63	151	20
bis(2-Chloroethoxy)methane	1000	0	840	ug/Kg	84	1			51	119	20
2,4-Dichlorophenol	1000	0	960	ug/Kg	96	1			50	122	20
Naphthalene	1000	0	840	ug/Kg	84	0			51	121	20
4-Chloroaniline	1000	0	460	ug/Kg	46	4			10	100	20
Hexachlorobutadiene	1000	0	980	ug/Kg	98	0			44	126	20
Caprolactam	1000	0	850	ug/Kg	85	1			51	134	20
4-Chloro-3-methylphenol	1000	0	880	ug/Kg	88	0			57	132	20
2-Methylnaphthalene	1000	0	760	ug/Kg	76	1			59	123	20
Hexachlorocyclopentadiene	2000	0	2300	ug/Kg	115	8			10	175	20
2,4,6-Trichlorophenol	1000	0	1100	ug/Kg	110	0			33	141	20
2,4,5-Trichlorophenol	1000	0	1000	ug/Kg	100	0			38	135	20
1,1-Biphenyl	1000	0	860	ug/Kg	86	2			55	131	20
2-Chloronaphthalene	1000	0	900	ug/Kg	90	1			48	124	20
2-Nitroaniline	1000	0	940	ug/Kg	94	0			47	134	20
Dimethylphthalate	1000	0	830	ug/Kg	83	2			54	120	20
Acenaphthylene	1000	0	940	ug/Kg	94	1			57	125	20
2,6-Dinitrotoluene	1000	0	1000	ug/Kg	100	0			48	127	20
3-Nitroaniline	1000	0	800	ug/Kg	80	1			10	112	20
Acenaphthene	1000	0	820	ug/Kg	82	4			70	121	20
2,4-Dinitrophenol	2000	0	1100	ug/Kg	55	0			10	155	20
4-Nitrophenol	2000	0	1800	ug/Kg	90	0			10	175	20
Dibenzofuran	1000	0	790	ug/Kg	79	3			52	114	20
2,4-Dinitrotoluene	1000	0	900	ug/Kg	90	0			41	140	20
Diethylphthalate	1000	0	800	ug/Kg	80	1			51	119	20
4-Chlorophenyl-phenylether	1000	0	810	ug/Kg	81	1			48	122	20
Fluorene	1000	0	790	ug/Kg	79	0			53	118	20
4-Nitroaniline	1000	0	820	ug/Kg	82	1			29	140	20
4,6-Dinitro-2-methylphenol	1000	0	670	ug/Kg	67	3			10	160	20
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95	2			73	118	20
4-Bromophenyl-phenylether	1000	0	1100	ug/Kg	110	0			65	121	20
Hexachlorobenzene	1000	0	1000	ug/Kg	100	0			67	118	20
Atrazine	1000	0	1200	ug/Kg	120	0			45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BP025192.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2000	0	2000	ug/Kg	100	0			13	153	20
Phenanthrene	1000	0	850	ug/Kg	85	3			52	128	20
Anthracene	1000	0	910	ug/Kg	91	1			62	124	20
Carbazole	1000	0	860	ug/Kg	86	1			59	119	20
Di-n-butylphthalate	1000	0	890	ug/Kg	89	3			55	125	20
Fluoranthene	1000	100	890	ug/Kg	79	3			44	125	20
Pyrene	1000	110	860	ug/Kg	75	1			37	122	20
Butylbenzylphthalate	1000	0	920	ug/Kg	92	1			44	135	20
3,3-Dichlorobenzidine	1000	0	600	ug/Kg	60	7			15	112	20
Benzo(a)anthracene	1000	62.5	930	ug/Kg	87	0			53	119	20
Chrysene	1000	92.0	930	ug/Kg	84	0			57	121	20
bis(2-Ethylhexyl)phthalate	1000	120	1100	ug/Kg	98	0			42	169	20
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100	0			51	156	20
Benzo(b)fluoranthene	1000	140	960	ug/Kg	82	4			52	117	20
Benzo(k)fluoranthene	1000	46.9	850	ug/Kg	80	5			57	134	20
Benzo(a)pyrene	1000	63.6	1000	ug/Kg	94	0			70	142	20
Indeno(1,2,3-cd)pyrene	1000	62.9	1000	ug/Kg	94	0			40	129	20
Dibenz(a,h)anthracene	1000	0	970	ug/Kg	97	1			43	123	20
Benzo(g,h,i)perylene	1000	76.3	980	ug/Kg	90	1			24	125	20
1,2,4,5-Tetrachlorobenzene	1000	0	940	ug/Kg	94	1			52	134	20
1,4-Dioxane	1000	0	670	ug/Kg	67	1			46	112	20
2,3,4,6-Tetrachlorophenol	1000	0	940	ug/Kg	94	1			24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** 8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BF143119.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168854BS	Benzaldehyde	1700	1200	ug/Kg	71				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	620	ug/Kg	36				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** 8270E

Client: PARSONS Engineering of New York, Inc. **DataFile:** BF143119.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168854BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	780	ug/Kg	46				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168854BL

Lab Name: Alliance | Contract: PARS02

Lab Code: ACE | SDG NO.: Q2592

Lab File ID: BF143118.D | Lab Sample ID: PB168854BL

Instrument ID: BNA_F | Date Extracted: 07/15/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/16/2025

Level: (low/med) LOW | Time Analyzed: 20:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168854BS	PB168854BS	BF143119.D	07/16/2025
WC-SOIL-20250711	Q2592-01	BP025166.D	07/16/2025
CHRT-26899MS	Q2597-01MS	BP025191.D	07/18/2025
CHRT-26899MSD	Q2597-01MSD	BP025192.D	07/18/2025

COMMENTS:

Raw Data: **BF143092.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: BF143092.D DFTPP Injection Date: 07/15/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
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	6.5
365	Greater than 1% of mass 198	4.0
441	Present, but less than mass 443	77.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143093.D	07/15/2025	13:04
SSTDICC005	SSTDICC005	BF143094.D	07/15/2025	13:35
SSTDICC010	SSTDICC010	BF143095.D	07/15/2025	14:05
SSTDICC020	SSTDICC020	BF143096.D	07/15/2025	14:36
SSTDICCC040	SSTDICCC040	BF143097.D	07/15/2025	15:05
SSTDICC050	SSTDICC050	BF143098.D	07/15/2025	15:35
SSTDICC060	SSTDICC060	BF143099.D	07/15/2025	16:05
SSTDICC080	SSTDICC080	BF143100.D	07/15/2025	16:35

Raw Data: **BF143116.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: PARS02

Lab Code: ACE — SDG NO.: Q2592

Lab File ID: BF143116.D — DFTPP Injection Date: 07/16/2025

Instrument ID: BNA_F — DFTPP Injection Time: 19:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	79.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143117.D	07/16/2025	19:39
PB168854BL	PB168854BL	BF143118.D	07/16/2025	20:09
PB168854BS	PB168854BS	BF143119.D	07/16/2025	20:39

Raw Data: **BP025070.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: BP025070.D DFTPP Injection Date: 07/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
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
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	79.7
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025071.D	07/03/2025	09:39
SSTDICC005	SSTDICC005	BP025072.D	07/03/2025	10:21
SSTDICC010	SSTDICC010	BP025073.D	07/03/2025	11:02
SSTDICC020	SSTDICC020	BP025074.D	07/03/2025	11:44
SSTDICCC040	SSTDICCC040	BP025075.D	07/03/2025	12:25
SSTDICC050	SSTDICC050	BP025076.D	07/03/2025	13:07
SSTDICC060	SSTDICC060	BP025077.D	07/03/2025	13:49
SSTDICC080	SSTDICC080	BP025078.D	07/03/2025	14:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: BP025154.D DFTPP Injection Date: 07/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	78.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025155.D	07/16/2025	12:42
WC-SOIL-20250711	Q2592-01	BP025166.D	07/16/2025	20:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: BP025186.D DFTPP Injection Date: 07/18/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	80.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP025187.D	07/18/2025	11:04
CHRT-26899MS	Q2597-01MS	BP025191.D	07/18/2025	13:52
CHRT-26899MSD	Q2597-01MSD	BP025192.D	07/18/2025	14:33

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID : SSTDCCC040 Date Analyzed: 07/16/2025

Lab File ID: BF143117.D Time Analyzed: 19:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	135149	6.969	510164	8.25	254065	10.00
	UPPER LIMIT	270298	7.469	1020330	8.751	508130	10.504
	LOWER LIMIT	67574.5	6.469	255082	7.751	127033	9.504
	EPA SAMPLE NO.						
01	PB168854BS	139596	6.97	538805	8.25	272708	10.00
02	PB168854BL	138731	6.96	528830	8.25	273109	10.00

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

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID: SSTDCCC040 Date Analyzed: 07/16/2025

Lab File ID: BF143117.D Time Analyzed: 19:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	397173	11.492	210714	14.127	255524	15.633
	UPPER LIMIT	794346	11.992	421428	14.627	511048	16.133
	LOWER LIMIT	198587	10.992	105357	13.627	127762	15.133
	EPA SAMPLE NO.						
01	PB168854BS	455589	11.49	240950	14.13	262866	15.63
02	PB168854BL	466923	11.49	262735	14.13	225267	15.63

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID : SSTDCCC040 Date Analyzed: 07/16/2025

Lab File ID: BP025155.D Time Analyzed: 12:42

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	564997	7.443	2237580	10.20	1465070	14.10
	UPPER LIMIT	1129990	7.943	4475160	10.696	2930140	14.595
	LOWER LIMIT	282499	6.943	1118790	9.696	732535	13.595
	EPA SAMPLE NO.						
01	WC-SOIL-20250711	569178	7.44	2223520	10.19	1404760	14.10

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID: SSTDCCC040 Date Analyzed: 07/16/2025

Lab File ID: BP025155.D Time Analyzed: 12:42

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	2922940	16.93	2997870	21.36	3472370	24.501
	UPPER LIMIT	5845880	17.43	5995740	21.86	6944740	25.001
	LOWER LIMIT	1461470	16.43	1498940	20.86	1736190	24.001
	EPA SAMPLE NO.						
01	WC-SOIL-20250711	2849470	16.92	3032750	21.35	3540160	24.50

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID : SSTDCCC040 Date Analyzed: 07/18/2025

Lab File ID: BP025187.D Time Analyzed: 11:04

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	531610	7.437	2146080	10.19	1427550	14.10
	UPPER LIMIT	1063220	7.937	4292160	10.69	2855100	14.601
	LOWER LIMIT	265805	6.937	1073040	9.69	713775	13.601
	EPA SAMPLE NO.						
01	CHRT-26899MS	725237	7.44	2872260	10.18	1756650	14.10
02	CHRT-26899MSD	718069	7.44	2875360	10.19	1762350	14.10

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

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

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

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2592

Client ID: SSTDCCC040 Date Analyzed: 07/18/2025

Lab File ID: BP025187.D Time Analyzed: 11:04

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	2869300	16.925	3091730	21.348	3620680	24.495
	UPPER LIMIT	5738600	17.425	6183460	21.848	7241360	24.995
	LOWER LIMIT	1434650	16.425	1545870	20.848	1810340	23.995
	EPA SAMPLE NO.						
01	CHRT-26899MS	3030590	16.92	3384850	21.36	4114550	24.51
02	CHRT-26899MSD	3047800	16.92	3398850	21.36	4139650	24.52

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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SAMPLE DATA

Raw Data: **BP025166.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025166.D	5	07/15/25 09:05	07/16/25 20:22	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2100	U	1000	2100	ug/Kg
108-95-2	Phenol	1100	U	140	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100	U	160	1100	ug/Kg
95-57-8	2-Chlorophenol	1100	U	160	1100	ug/Kg
95-48-7	2-Methylphenol	1100	U	190	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	240	1100	ug/Kg
98-86-2	Acetophenone	1100	U	190	1100	ug/Kg
65794-96-9	3+4-Methylphenols	2100	U	270	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	520	U	310	520	ug/Kg
67-72-1	Hexachloroethane	1100	U	110	1100	ug/Kg
98-95-3	Nitrobenzene	1100	U	120	1100	ug/Kg
78-59-1	Isophorone	1100	U	210	1100	ug/Kg
88-75-5	2-Nitrophenol	1100	U	380	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	420	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100	U	200	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100	U	180	1100	ug/Kg
91-20-3	Naphthalene	1100	U	150	1100	ug/Kg
106-47-8	4-Chloroaniline	1100	U	230	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	160	1100	ug/Kg
105-60-2	Caprolactam	2100	U	340	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	190	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1100	U	170	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	U	750	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100	U	130	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	190	1100	ug/Kg
92-52-4	1,1-Biphenyl	1100	U	140	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	150	1100	ug/Kg
88-74-4	2-Nitroaniline	1100	U	310	1100	ug/Kg
131-11-3	Dimethylphthalate	1100	U	180	1100	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025166.D	5	07/15/25 09:05	07/16/25 20:22	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100	U	190	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100	U	220	1100	ug/Kg
99-09-2	3-Nitroaniline	1100	U	300	1100	ug/Kg
83-32-9	Acenaphthene	1100	U	140	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	U	1500	2100	ug/Kg
100-02-7	4-Nitrophenol	2100	U	700	2100	ug/Kg
132-64-9	Dibenzofuran	1100	U	150	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	330	1100	ug/Kg
84-66-2	Diethylphthalate	1100	U	180	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	170	1100	ug/Kg
86-73-7	Fluorene	1100	U	160	1100	ug/Kg
100-01-6	4-Nitroaniline	1100	UQ	420	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	670	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100	U	210	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	180	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	160	1100	ug/Kg
1912-24-9	Atrazine	1100	U	220	1100	ug/Kg
87-86-5	Pentachlorophenol	2100	U	330	2100	ug/Kg
85-01-8	Phenanthrene	1100	U	140	1100	ug/Kg
120-12-7	Anthracene	1100	U	220	1100	ug/Kg
86-74-8	Carbazole	1100	U	200	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	310	1100	ug/Kg
206-44-0	Fluoranthene	760	J	200	1100	ug/Kg
129-00-0	Pyrene	690	J	230	1100	ug/Kg
85-68-7	Butylbenzylphthalate	860	J	460	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2100	U	240	2100	ug/Kg
56-55-3	Benzo(a)anthracene	490	J	150	1100	ug/Kg
218-01-9	Chrysene	570	J	130	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		390	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	2100	U	560	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	J	120	1100	ug/Kg

Raw Data: **BP025166.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025166.D	5	07/15/25 09:05	07/16/25 20:22	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100	U	150	1100	ug/Kg
50-32-8	Benzo(a)pyrene	620	J	190	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	J	190	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	U	180	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640	J	170	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	170	1100	ug/Kg
123-91-1	1,4-Dioxane	1100	U	290	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	180	1100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	70.8		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	71.5		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.4		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.1		10 - 116	65%	SPK: 150
1718-51-0	Terphenyl-d14	58.2		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	569000	7.443			
1146-65-2	Naphthalene-d8	2220000	10.19			
15067-26-2	Acenaphthene-d10	1400000	14.101			
1517-22-2	Phenanthrene-d10	2850000	16.919			
1719-03-5	Chrysene-d12	3030000	21.348			
1520-96-3	Perylene-d12	3540000	24.495			
TENTATIVE IDENTIFIED COMPOUNDS						
65-85-0	Benzoic acid	1400	J		9.46	ug/Kg
000090-04-0	Benzenamine, 2-methoxy-	680	J		9.91	ug/Kg
000700-87-8	Benzene, 1-isocyanato-2-methoxy-	470	J		10.4	ug/Kg
000119-61-9	Benzophenone	510	J		15.5	ug/Kg
	unknown16.113	460	J		16.1	ug/Kg
000057-10-3	n-Hexadecanoic acid	980	J		17.9	ug/Kg
000057-11-4	Octadecanoic acid	770	J		19.3	ug/Kg

Raw Data: **BP025166.D**

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025166.D	5	07/15/25 09:05	07/16/25 20:22	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	1500	J		19.5	ug/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: **BP025166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Quant Time: Jul 17 01:10:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	569178	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2223517	20.000	ng		0.00
39) Acenaphthene-d10	14.101	164	1404763	20.000	ng		0.01
64) Phenanthrene-d10	16.919	188	2849474	20.000	ng		0.01
76) Chrysene-d12	21.348	240	3032748	20.000	ng		0.00
86) Perylene-d12	24.495	264	3540161	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	454833	14.159	ng		0.00
7) Phenol-d6	6.643	99	599229	14.294	ng		0.01
23) Nitrobenzene-d5	8.572	82	356018	10.648	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	322413	19.428	ng		0.00
45) 2-Fluorobiphenyl	12.689	172	1004357	11.076	ng		0.00
79) Terphenyl-d14	19.683	244	1605339	11.634	ng		0.01
Target Compounds							Qvalue
32) Benzoic acid	9.460	122	7225	6.474	ng		84
75) Fluoranthene	19.066	202	627897	3.528	ng		98
78) Pyrene	19.436	202	594146	3.163	ng	#	95
80) Butylbenzylphthalate	20.430	149	21902	3.961	ng	#	83
81) Benzo(a)anthracene	21.330	228	415157	2.259	ng		91
83) Chrysene	21.389	228	461571m	2.610	ng		
84) Bis(2-ethylhexyl)phtha...	21.324	149	891651	9.045	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.030	276	491763	2.180	ng	#	93
88) Benzo(b)fluoranthene	23.512	252	772310	3.748	ng	#	89
90) Benzo(a)pyrene	24.348	252	504238	2.875	ng	#	82
92) Benzo(g,h,i)perylene	29.100	276	571607	2.968	ng		94

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

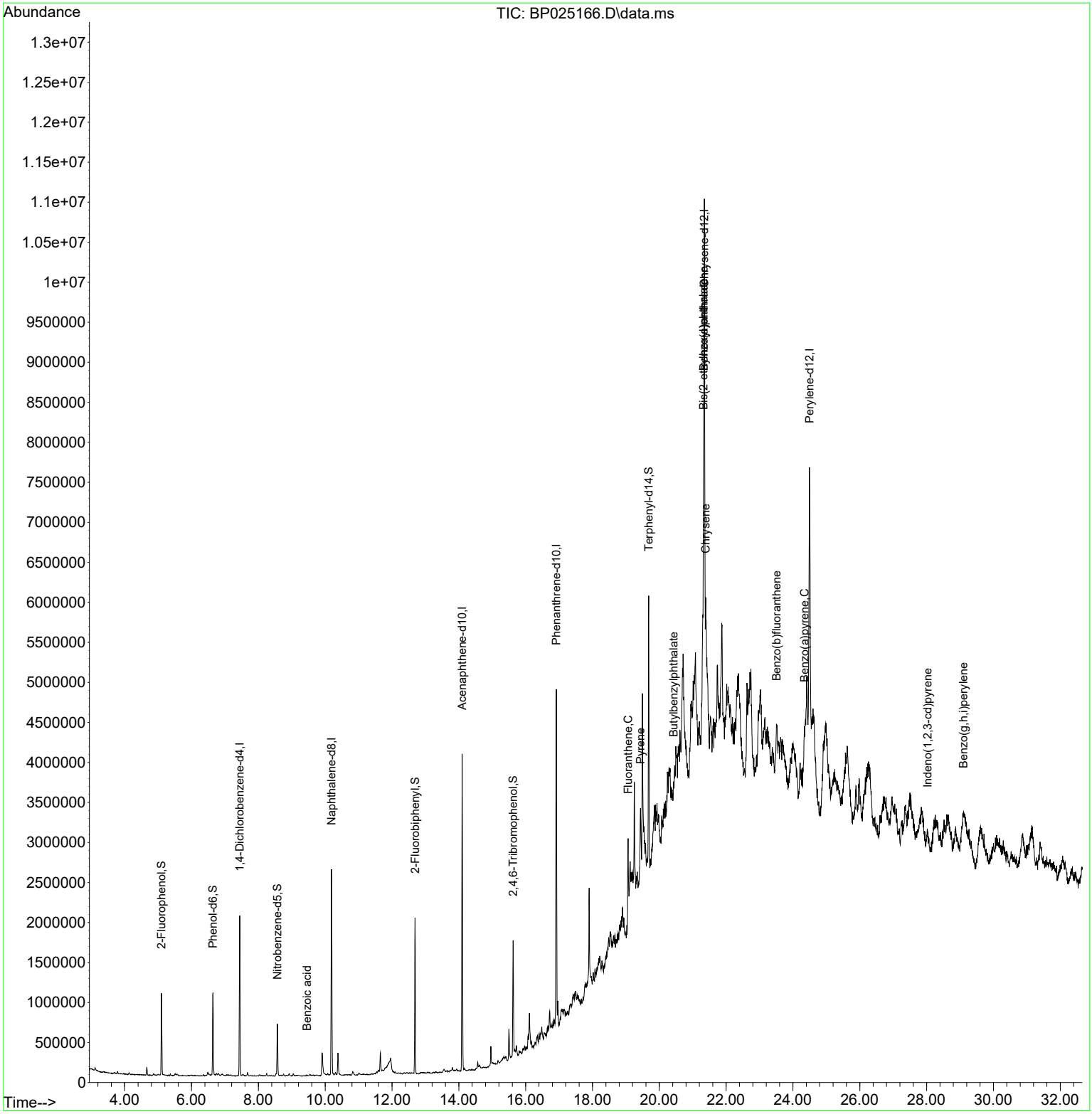
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

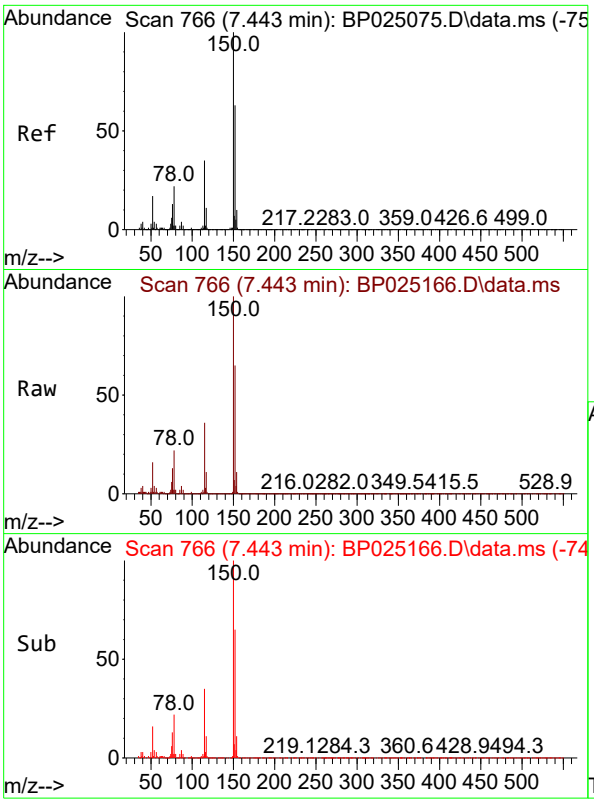
Quant Time: Jul 17 01:10:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

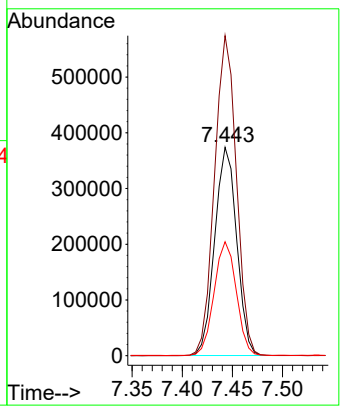




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:152 Resp: 56917

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.1	189.1
115	54.7	44.3	66.5



Instrument :
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ClientSampleId :
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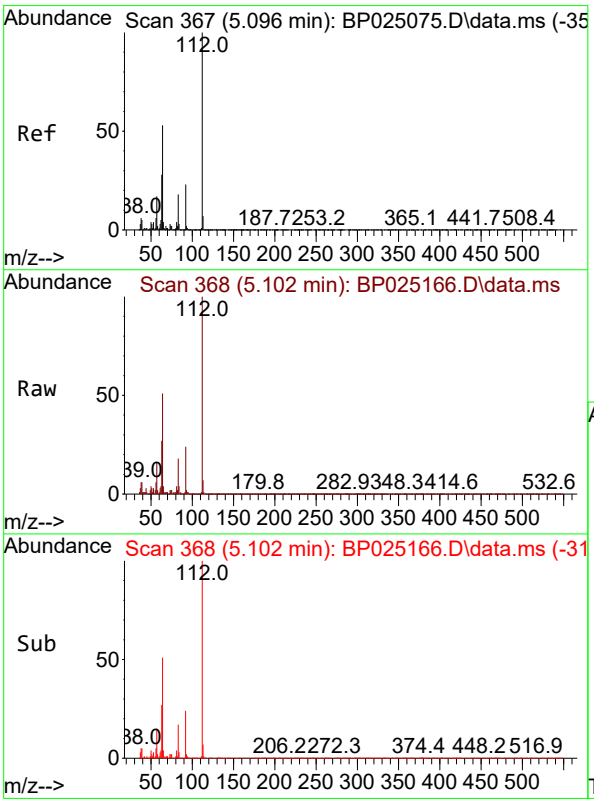
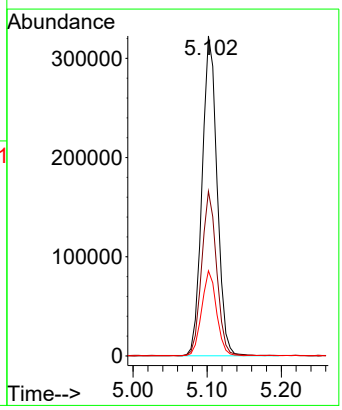
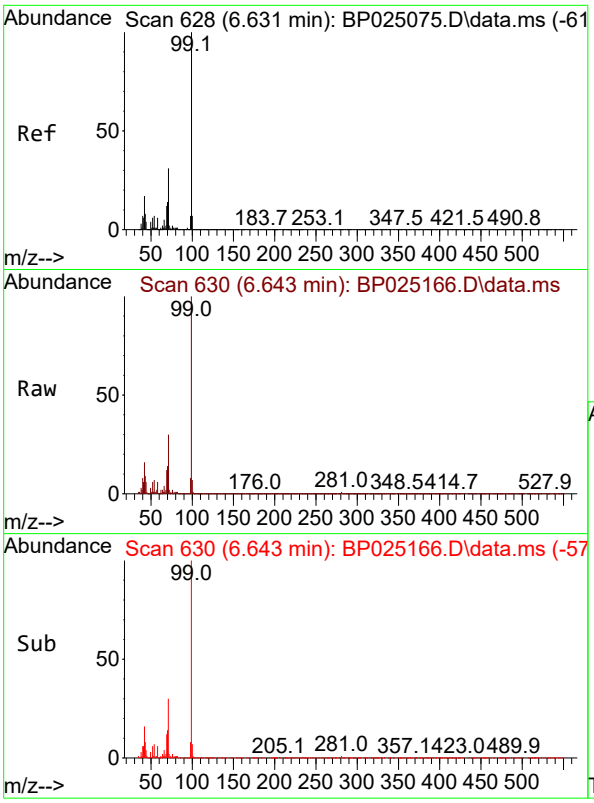


#5
2-Fluorophenol
Concen: 14.159 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:112 Resp: 454833

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.0	63.0
63	26.6	22.2	33.2

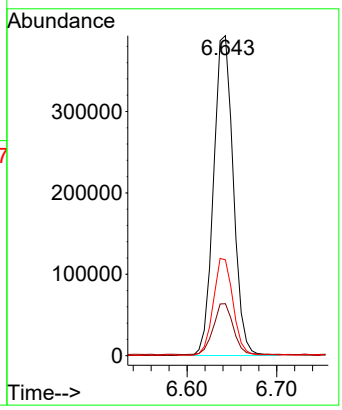




#7
Phenol-d6
Concen: 14.294 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion: 99 Resp: 59922

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.0	24.4	36.6



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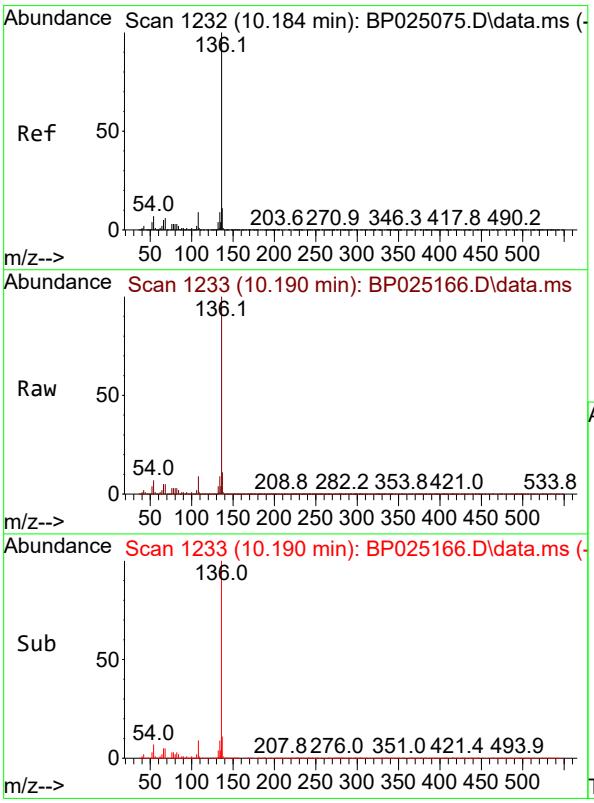
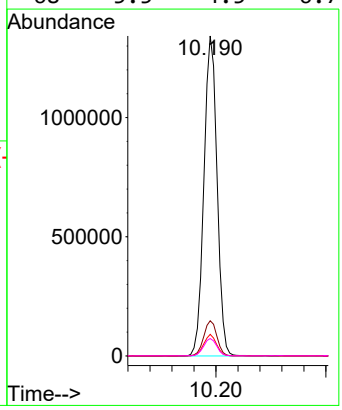
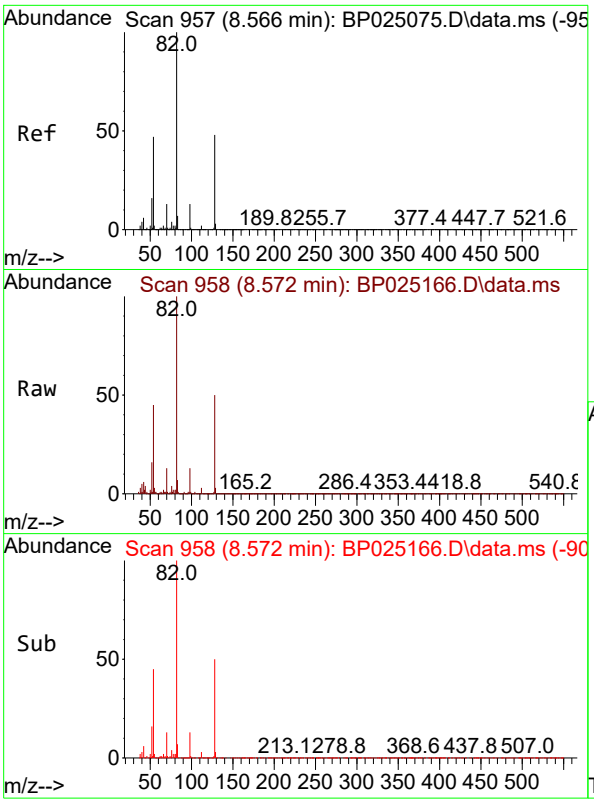


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:136 Resp: 2223517

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7

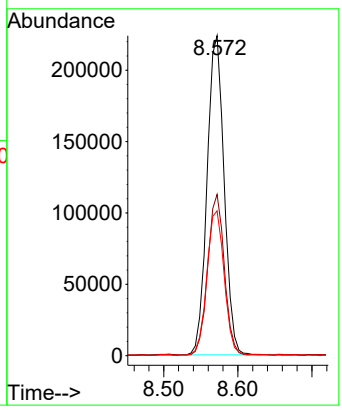




#23
Nitrobenzene-d5
Concen: 10.648 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion: 82 Resp: 35601

Ion	Ratio	Lower	Upper
82	100		
128	50.4	38.4	57.6
54	45.2	37.8	56.6



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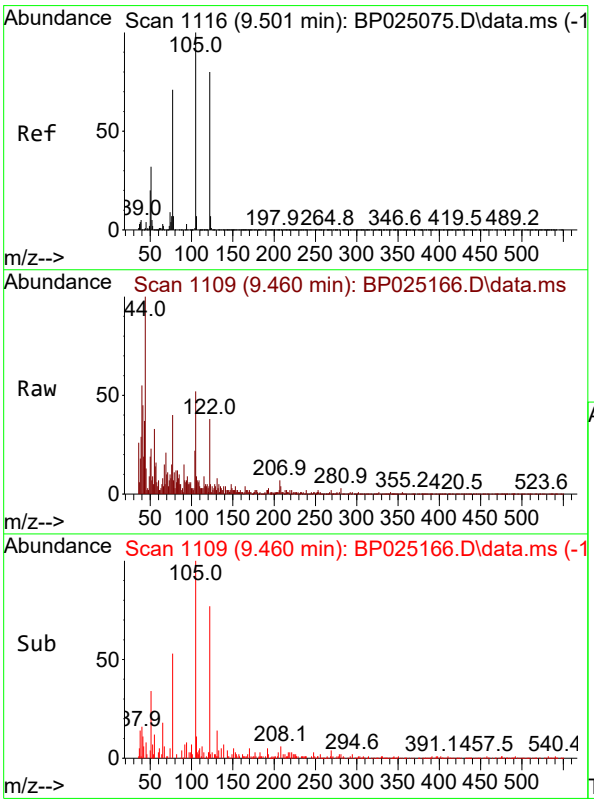
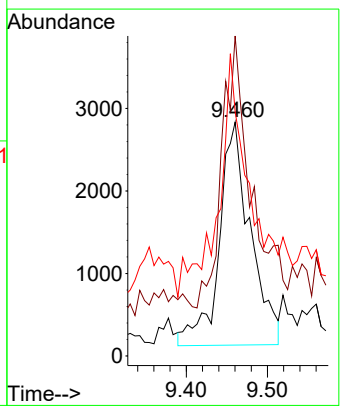
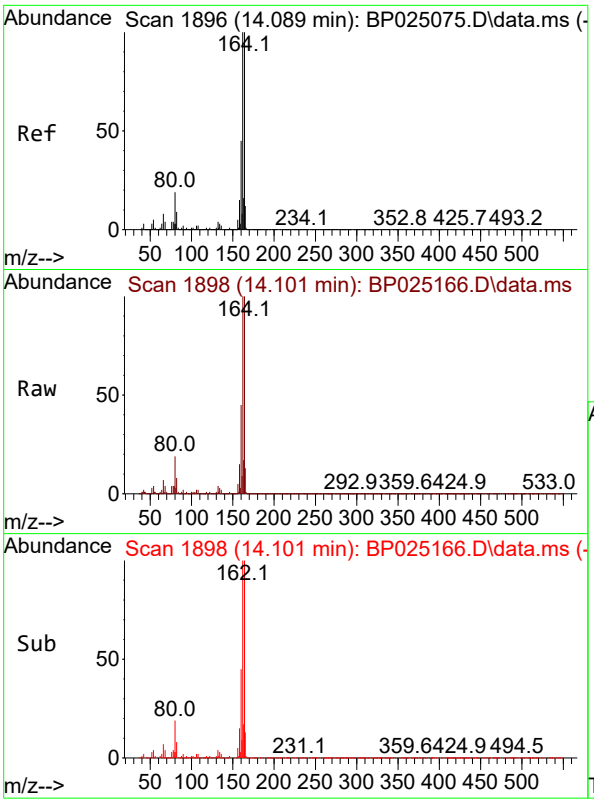


#32
Benzoic acid
Concen: 6.474 ng
RT: 9.460 min Scan# 1109
Delta R.T. -0.041 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:122 Resp: 7225

Ion	Ratio	Lower	Upper
122	100		
105	136.8	101.0	141.0
77	104.3	67.6	107.6

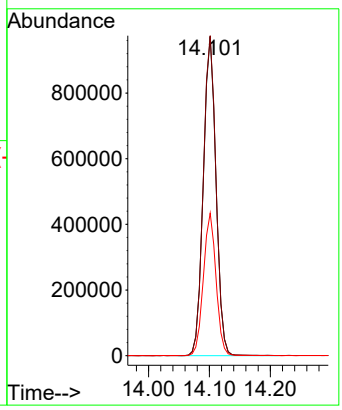




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:164 Resp: 140476

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.7	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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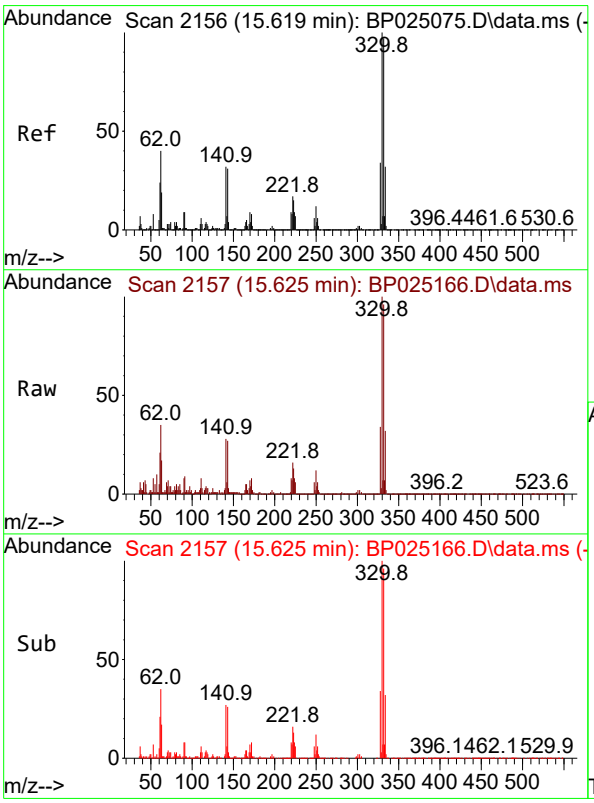
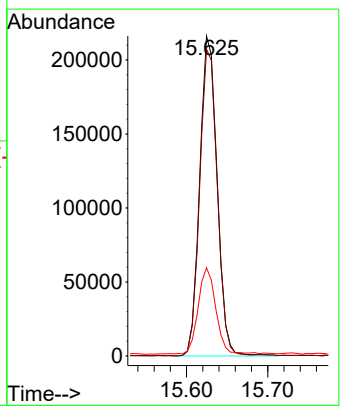
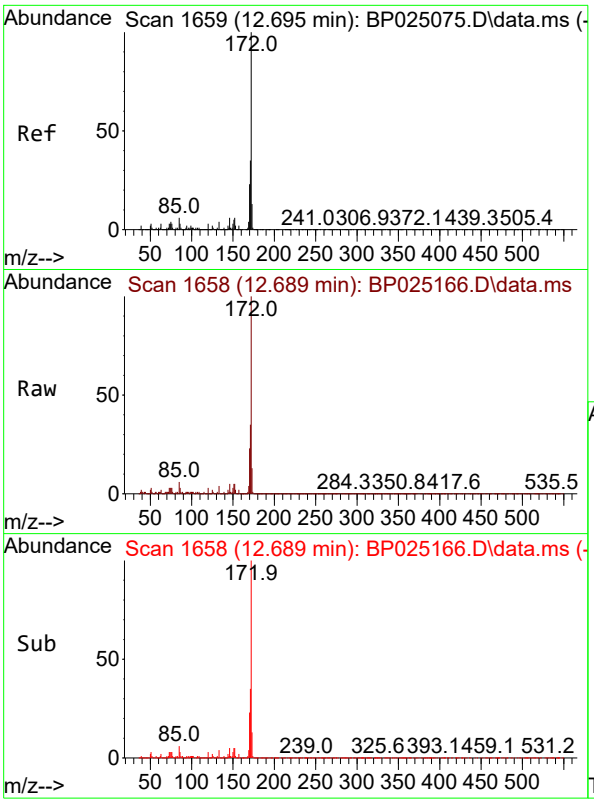


#42
2,4,6-Tribromophenol
Concen: 19.428 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:330 Resp: 322413

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	27.6	26.0	39.0





#45
2-Fluorobiphenyl
Concen: 11.076 ng
RT: 12.689 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:172 Resp: 100435

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.2	18.7	28.1

Instrument :
BNA_P
ClientSampleId :
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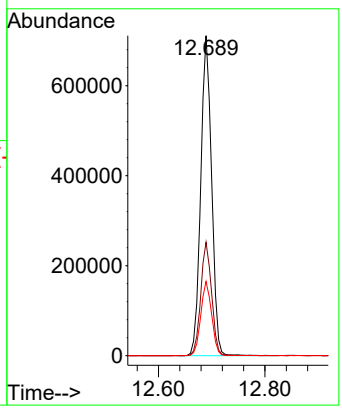
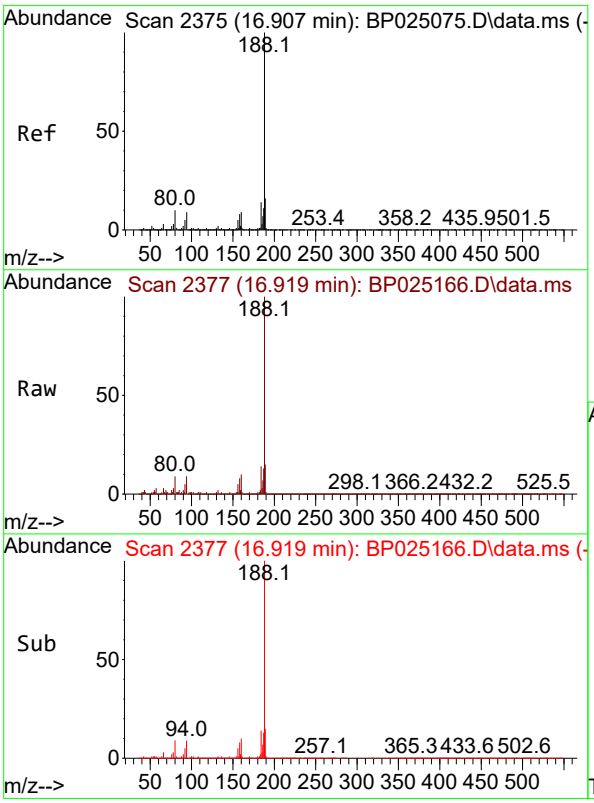
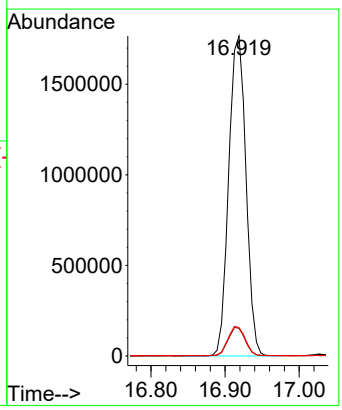


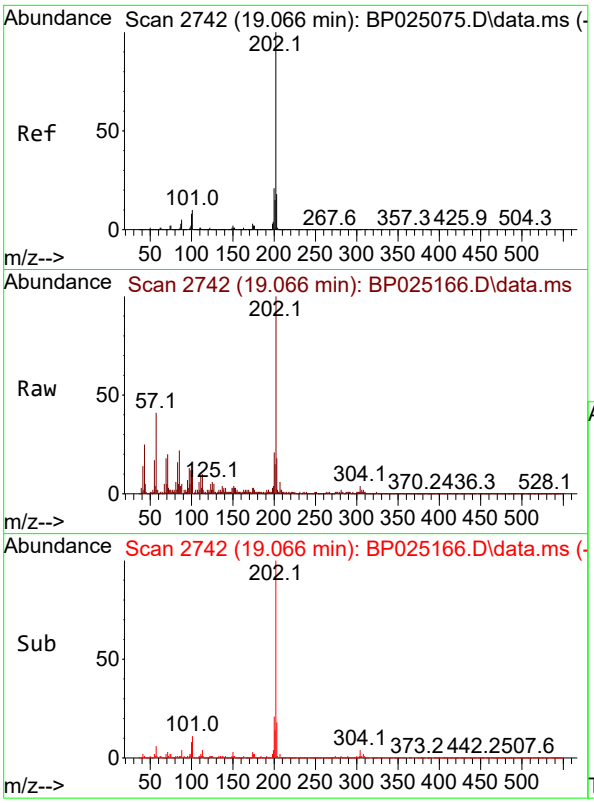


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:188 Resp: 2849474

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	8.9	7.8	11.6

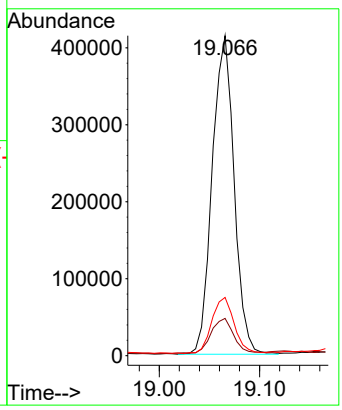




#75
Fluoranthene
Concen: 3.528 ng
RT: 19.066 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:202 Resp: 62789

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.4
203	18.2	0.0	37.6



Instrument :
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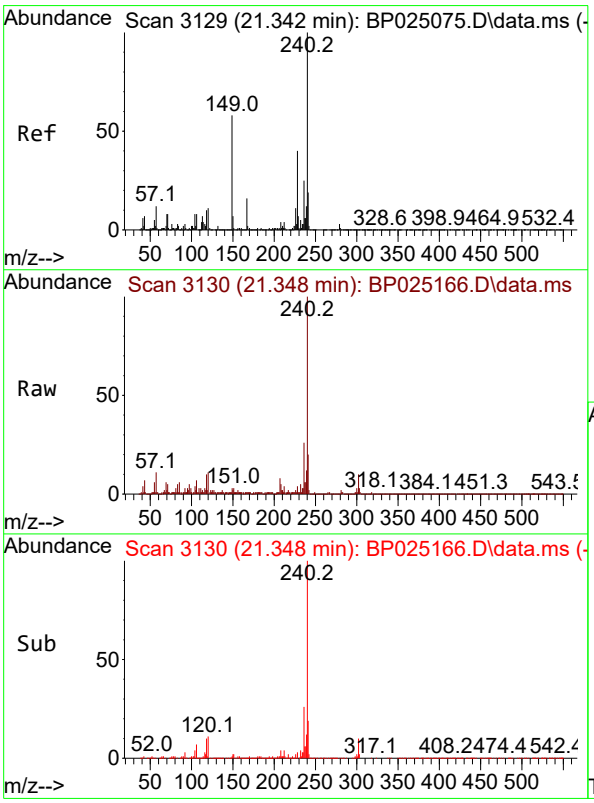
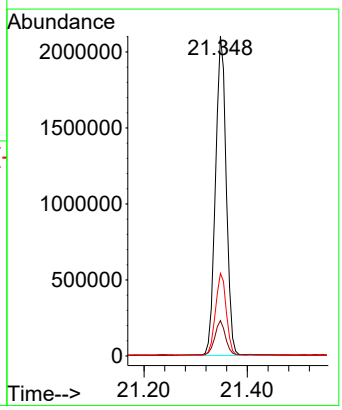
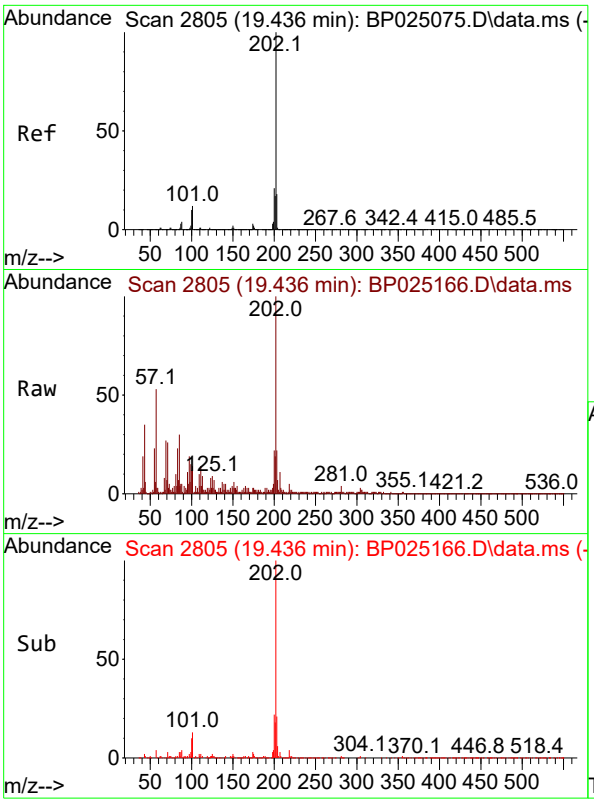


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:240 Resp: 3032748

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.3	30.5

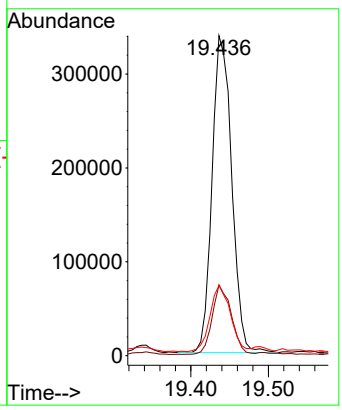




#78
Pyrene
Concen: 3.163 ng
RT: 19.436 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:202 Resp: 59414

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.1	25.7
203	21.9	14.1	21.1



Instrument :
BNA_P
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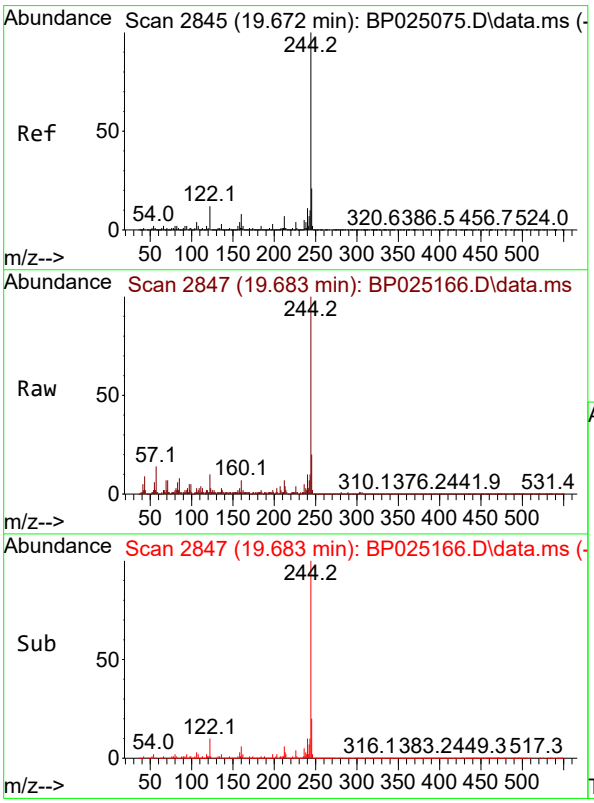
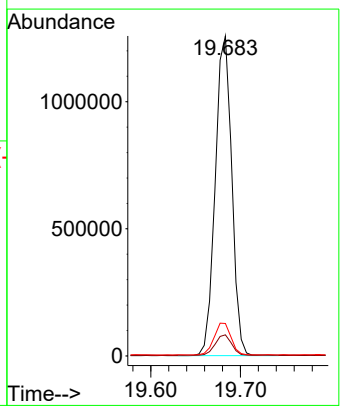
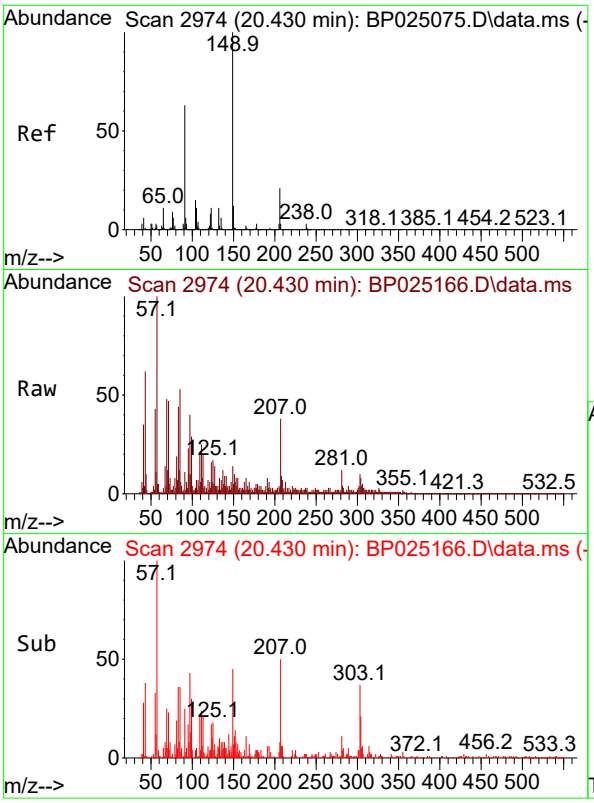


#79
Terphenyl-d14
Concen: 11.634 ng
RT: 19.683 min Scan# 2847
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:244 Resp: 1605339

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.1	9.4	14.2

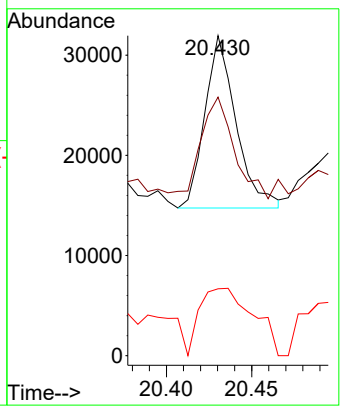




#80
Butylbenzylphthalate
Concen: 3.961 ng
RT: 20.430 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:149 Resp: 2190

Ion	Ratio	Lower	Upper
149	100		
91	80.8	50.6	76.0
206	20.9	17.2	25.8



Instrument :
BNA_P
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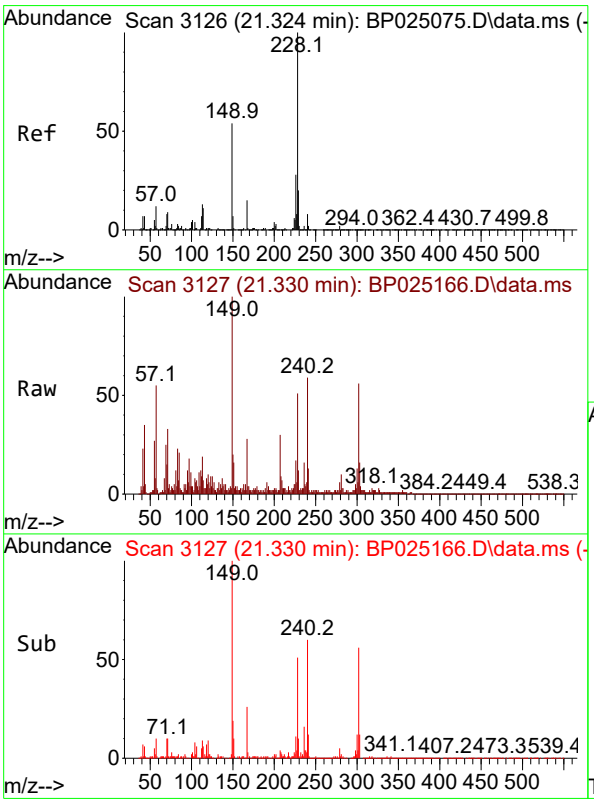
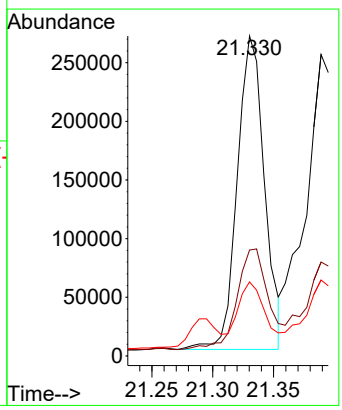
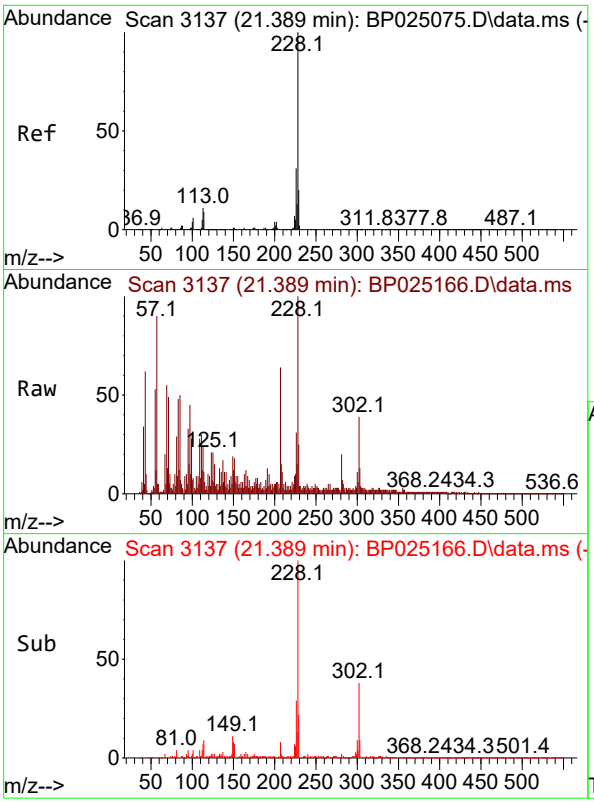


#81
Benzo(a)anthracene
Concen: 2.259 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:228 Resp: 415157

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.1	33.1
229	23.1	16.0	24.0

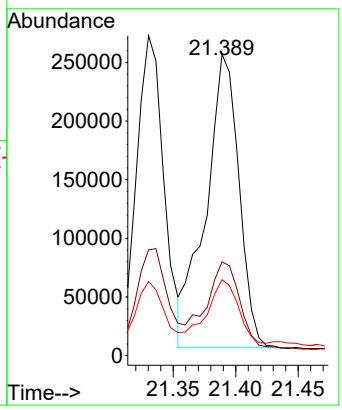




#83
Chrysene
Concen: 2.610 ng m
RT: 21.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:228 Resp: 46157

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	25.2	16.0	24.0#



Instrument :
BNA_P
ClientSampleId :
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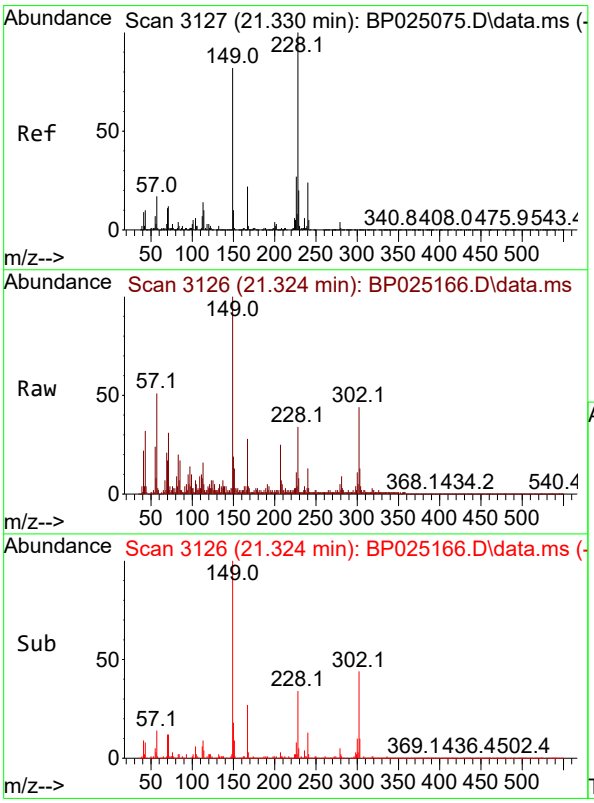
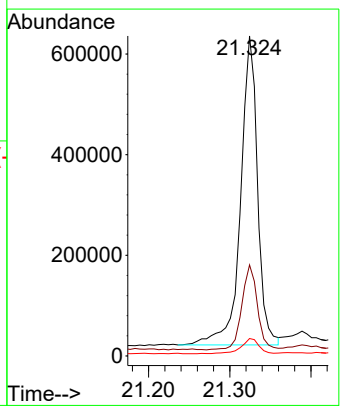
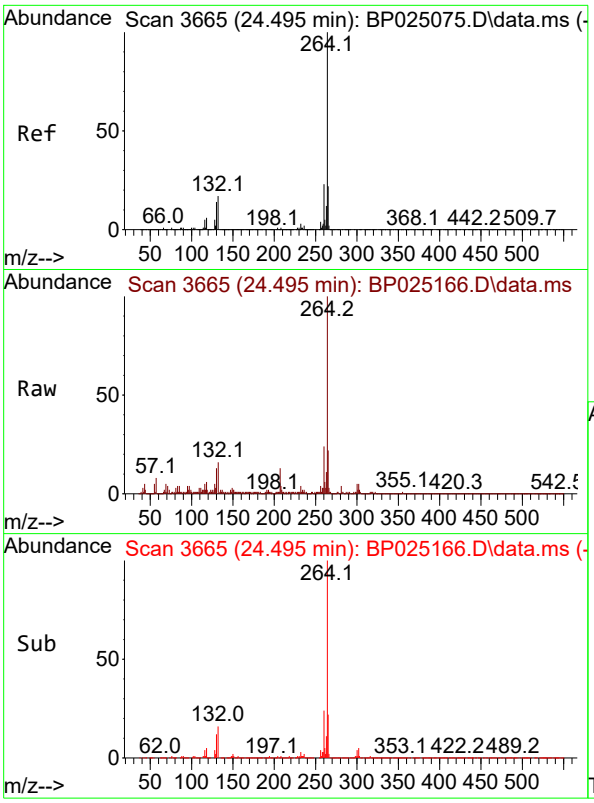


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.045 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:149 Resp: 891651

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	5.4	3.5	5.3#

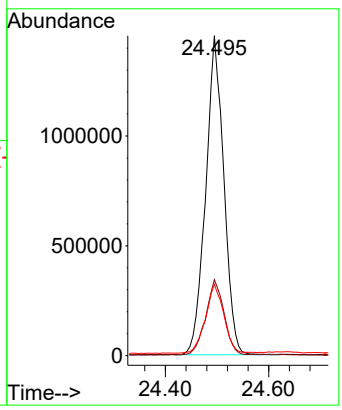




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:264 Resp: 354016

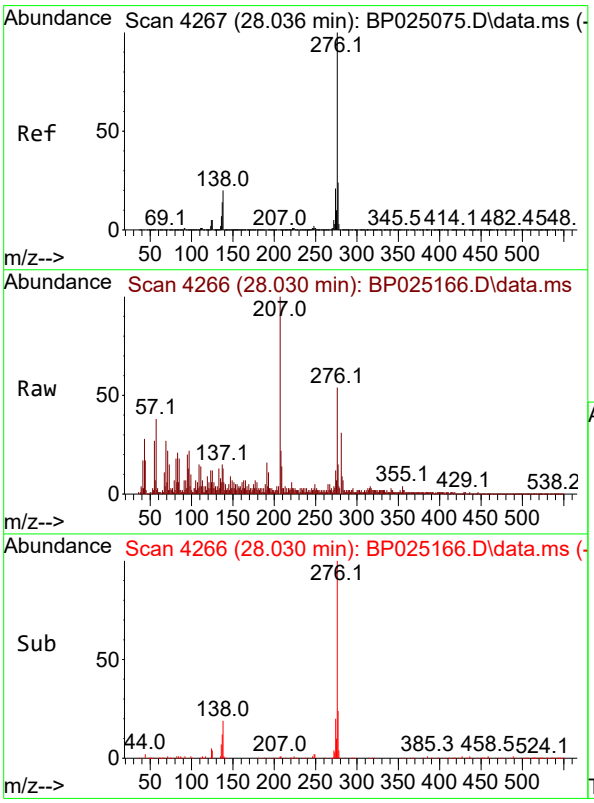
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.3	17.7	26.5



Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Manual Integrations
APPROVED

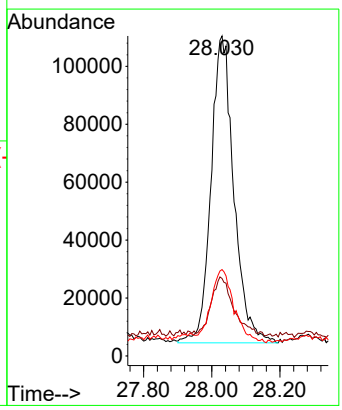
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

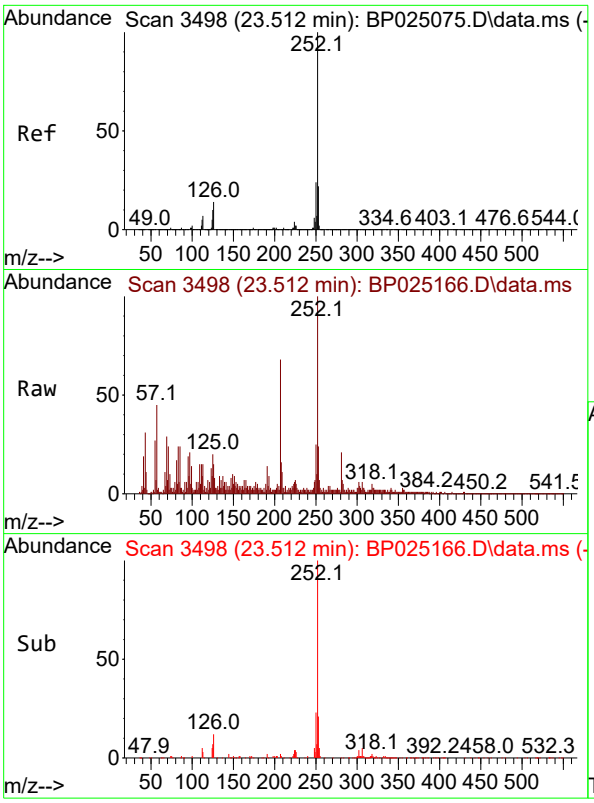


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.180 ng
RT: 28.030 min Scan# 4266
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:276 Resp: 491763

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.0	19.6
277	24.4	15.9	23.9#

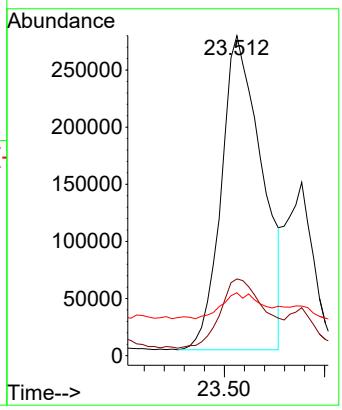




#88
Benzo(b)fluoranthene
Concen: 3.748 ng
RT: 23.512 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:252 Resp: 77231(

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	19.7	8.1	12.1#



Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/17/2025
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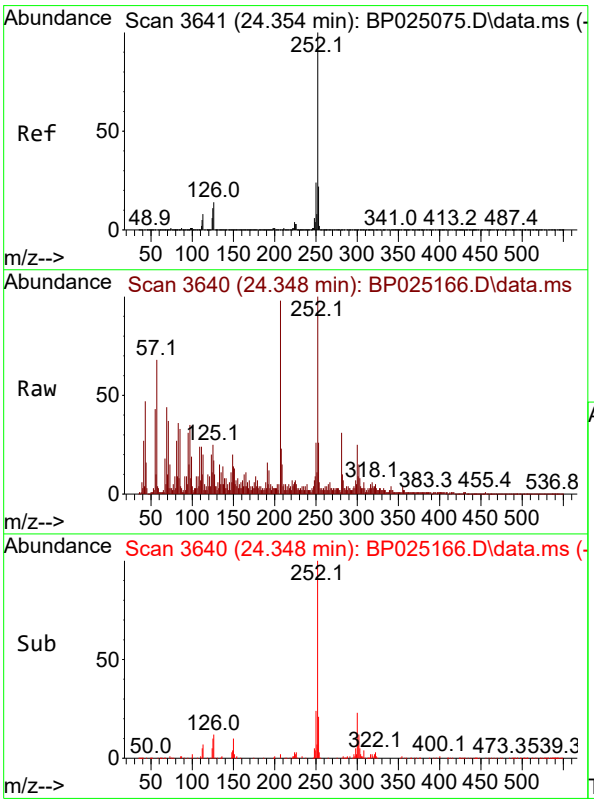
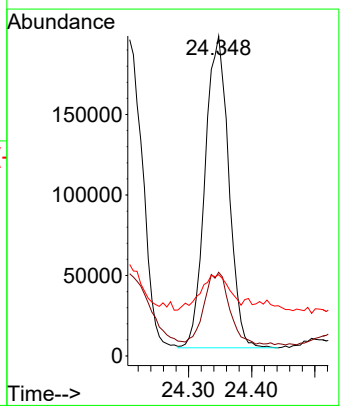
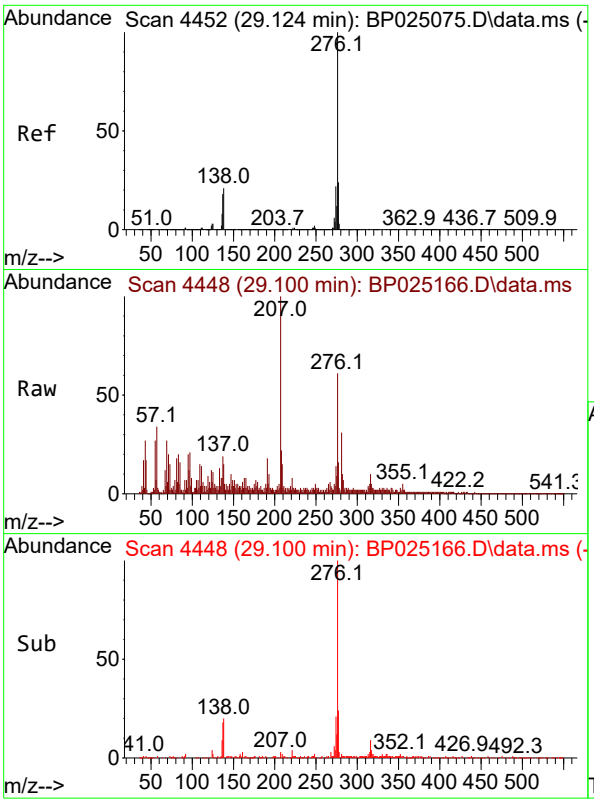


#90
Benzo(a)pyrene
Concen: 2.875 ng
RT: 24.348 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:252 Resp: 504238

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.6	26.4
125	25.4	9.0	13.4#

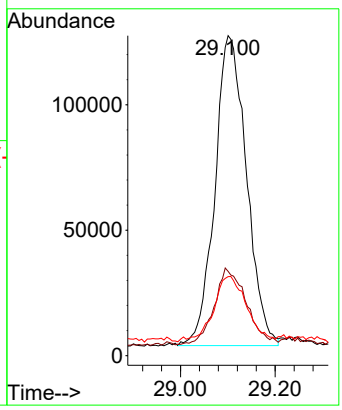




#92
Benzo(g,h,i)perylene
Concen: 2.968 ng
RT: 29.100 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:276 Resp: 57160

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.3	28.9
138	24.7	16.9	25.3



Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Sample Results: **BP025166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.660	288	293	299	rVB	96309	137782	1.37%	0.220%
2	5.102	362	368	376	rVB	1020201	1427318	14.18%	2.281%
3	6.643	624	630	639	rVB	1026560	1579594	15.70%	2.524%
4	7.443	759	766	773	rBV	1999225	3039986	30.21%	4.858%
5	8.572	952	958	965	rVB	639101	1006265	10.00%	1.608%
6	9.907	1179	1185	1198	rBV	279463	667547	6.63%	1.067%
7	10.190	1225	1233	1240	rBV	2569141	4259804	42.33%	6.807%
8	10.384	1260	1266	1272	rBV	270350	463328	4.60%	0.740%
9	11.654	1477	1482	1488	rBV	228408	373689	3.71%	0.597%
10	12.689	1652	1658	1665	rVB	1947313	2746429	27.29%	4.389%
11	13.554	1798	1805	1813	rBV4	36022	110114	1.09%	0.176%
12	14.101	1891	1898	1906	rBV	3967708	5789402	57.53%	9.251%
13	14.960	2040	2044	2050	rBV	231865	291783	2.90%	0.466%
14	15.501	2131	2136	2144	rBV2	386081	678189	6.74%	1.084%
15	15.625	2152	2157	2163	rBV	1444315	2200682	21.87%	3.517%
16	15.725	2171	2174	2183	rVB3	120691	215582	2.14%	0.344%
17	16.078	2229	2234	2236	rBV3	169954	289770	2.88%	0.463%
18	16.113	2236	2240	2248	rVB3	402352	712956	7.08%	1.139%
19	16.719	2339	2343	2348	rBV4	228871	374303	3.72%	0.598%
20	16.919	2371	2377	2382	rBV2	4146580	6659122	66.17%	10.641%
21	16.966	2382	2385	2390	rVB	314451	410628	4.08%	0.656%
22	17.901	2540	2544	2552	rVB	1124602	1500609	14.91%	2.398%
23	19.066	2738	2742	2746	rBV	1100318	1790737	17.79%	2.862%
24	19.254	2771	2774	2781	rVB	1328262	1781504	17.70%	2.847%
25	19.495	2811	2815	2821	rBV	2076482	3381618	33.60%	5.404%
26	19.683	2843	2847	2852	rVB	3401284	4312062	42.85%	6.890%
27	21.348	3123	3130	3135	rVB2	5378542	10063901	100.00%	16.082%
28	24.495	3662	3665	3674	rVB	3269594	6315321	62.75%	10.092%

Sum of corrected areas: 62580025

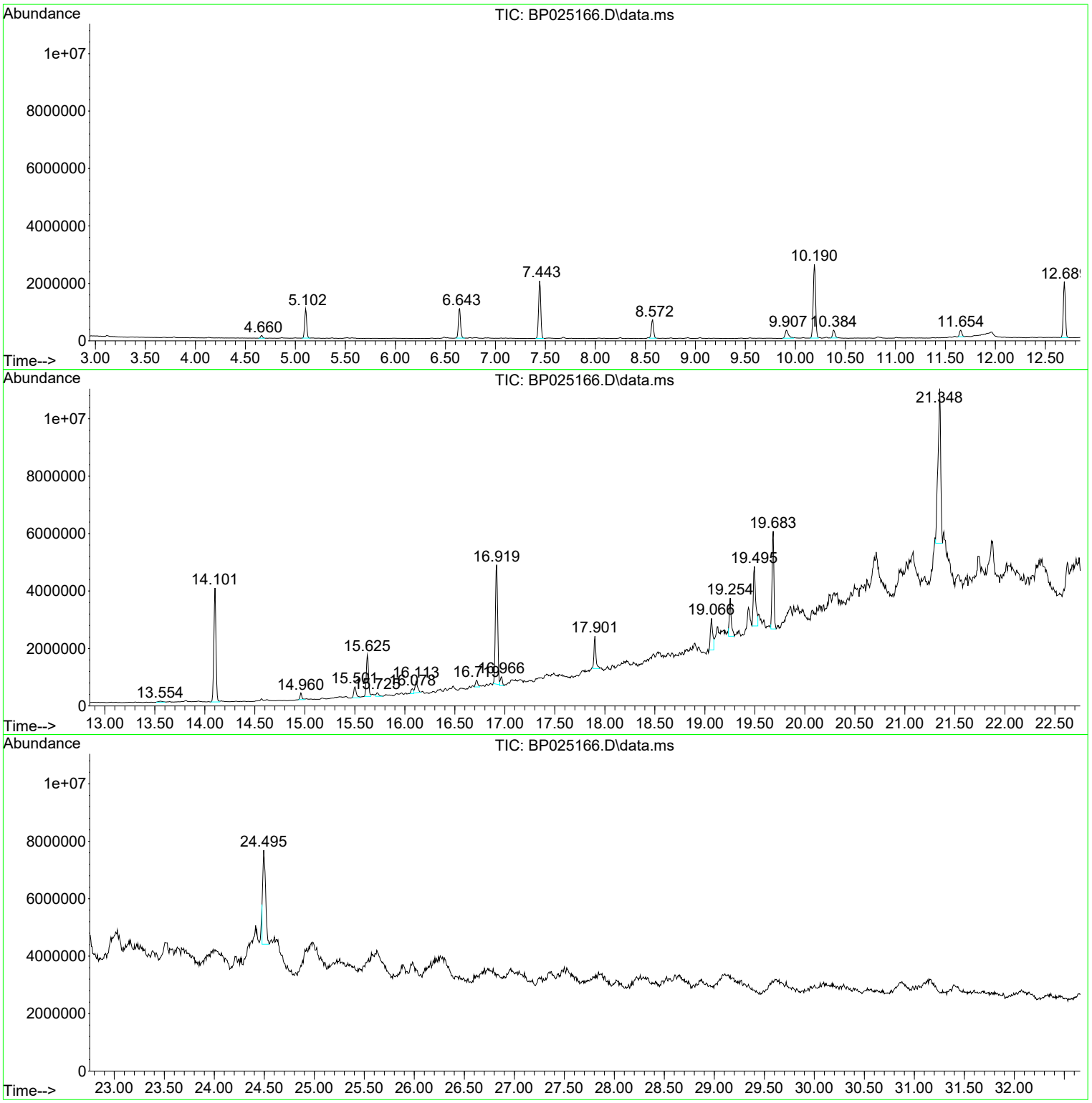
Sample Results: **BP025166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

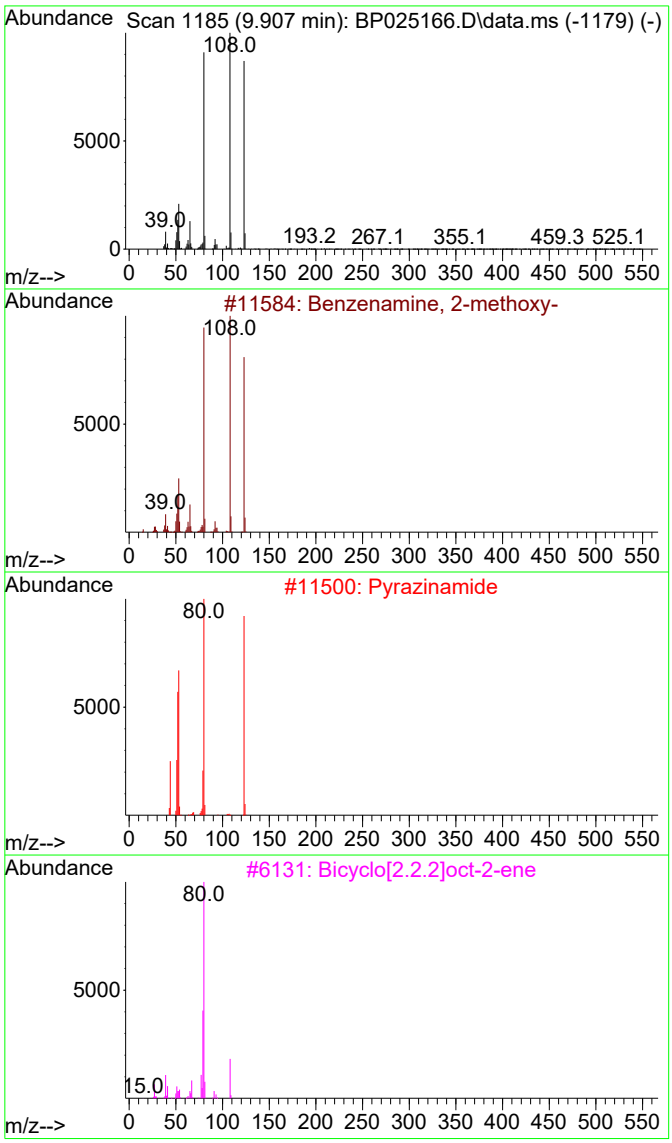
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

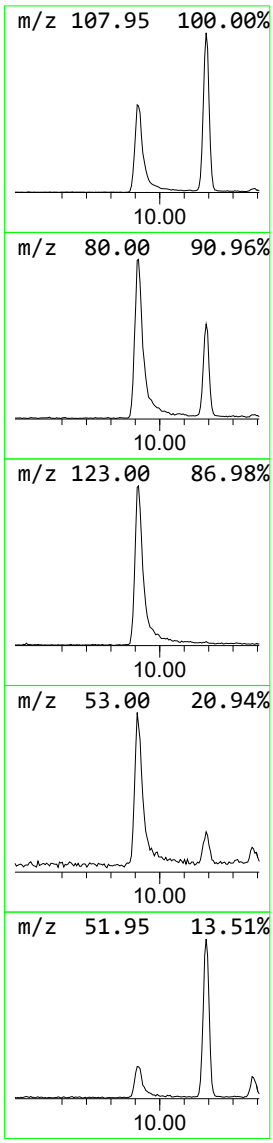
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzenamine, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.907	3.13 ng	667547	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	96
2	Pyrazinamide	123	C5H5N3O	000098-96-4	74
3	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64
4	1,3-Phenylenediamine	108	C6H8N2	000108-45-2	64
5	Pyrazine	80	C4H4N2	000290-37-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

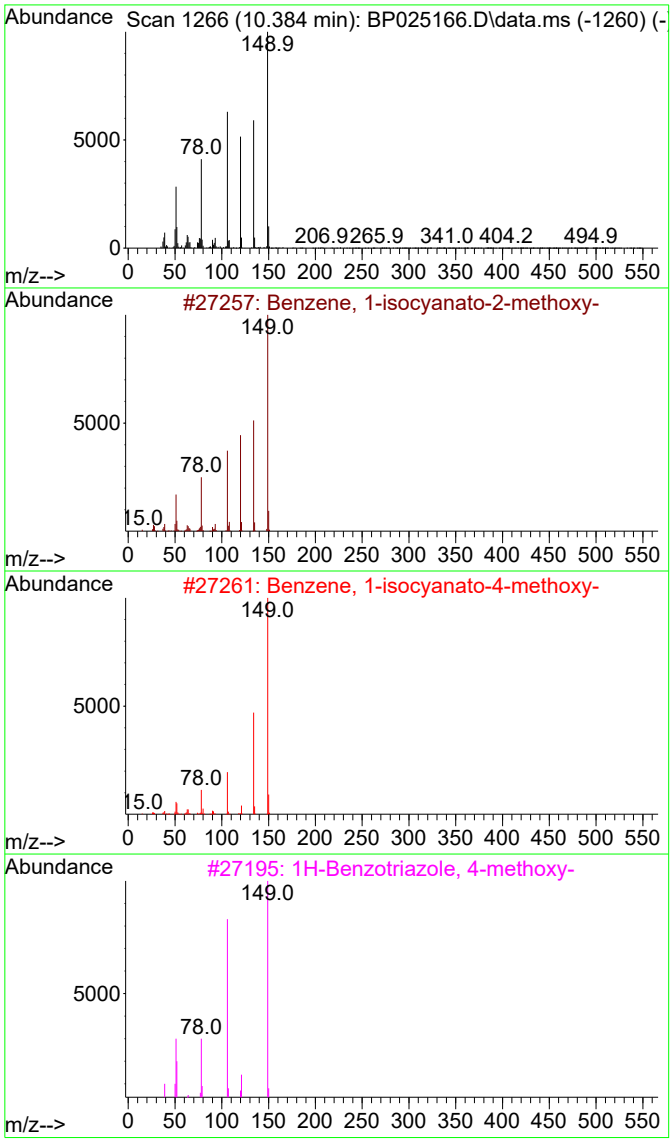
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

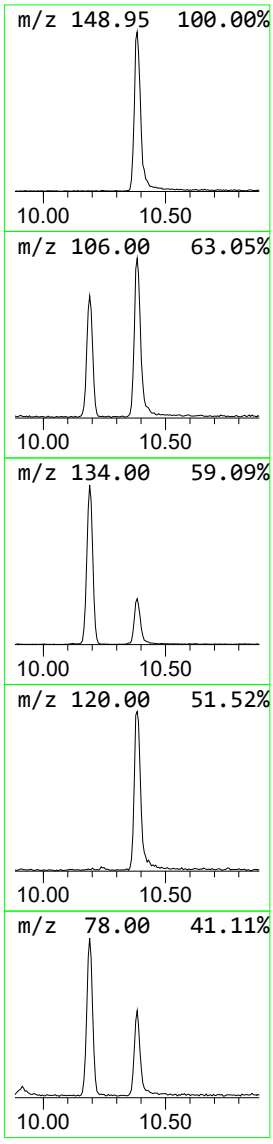
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-isocyanato-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	2.18 ng	463328	Naphthalene-d8	10.190

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	94
2	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	49
3	1H-Benzotriazole, 4-methoxy-	149	C7H7N3O	027799-90-2	47
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	47
5	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

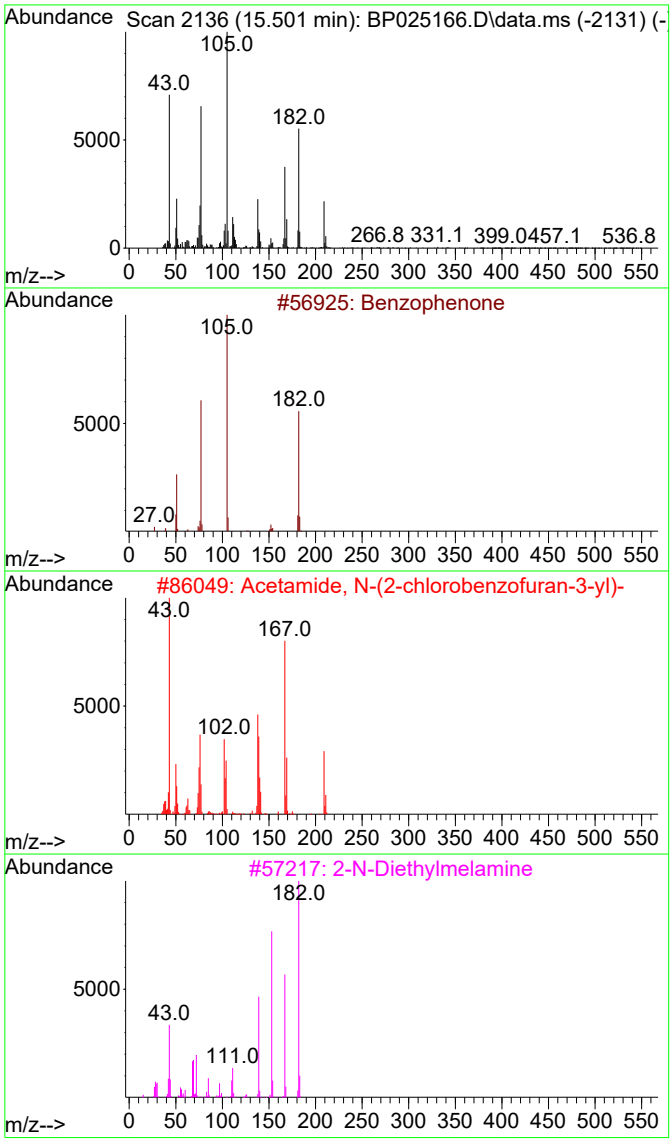
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

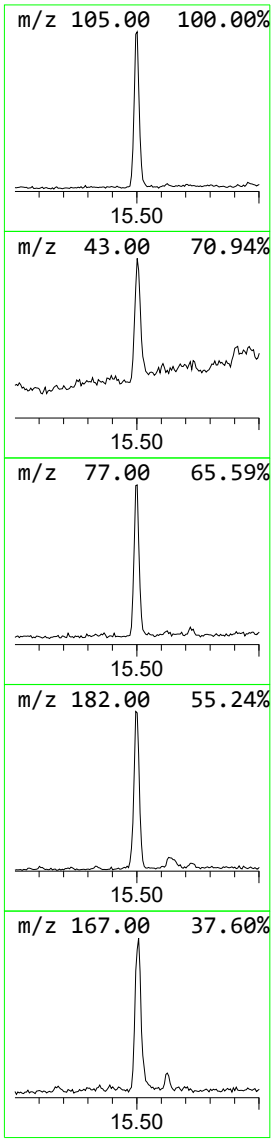
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	2.34 ng	678189	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	86
2	Acetamide, N-(2-chlorobenzofuran...	209	C10H8ClNO2	067382-11-0	27
3	2-N-Diethylmelamine	182	C7H14N6	002073-31-6	22
4	7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	22
5	Sydnone, 4-chloro-3-phenyl-	196	C8H5ClN2O2	005226-93-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

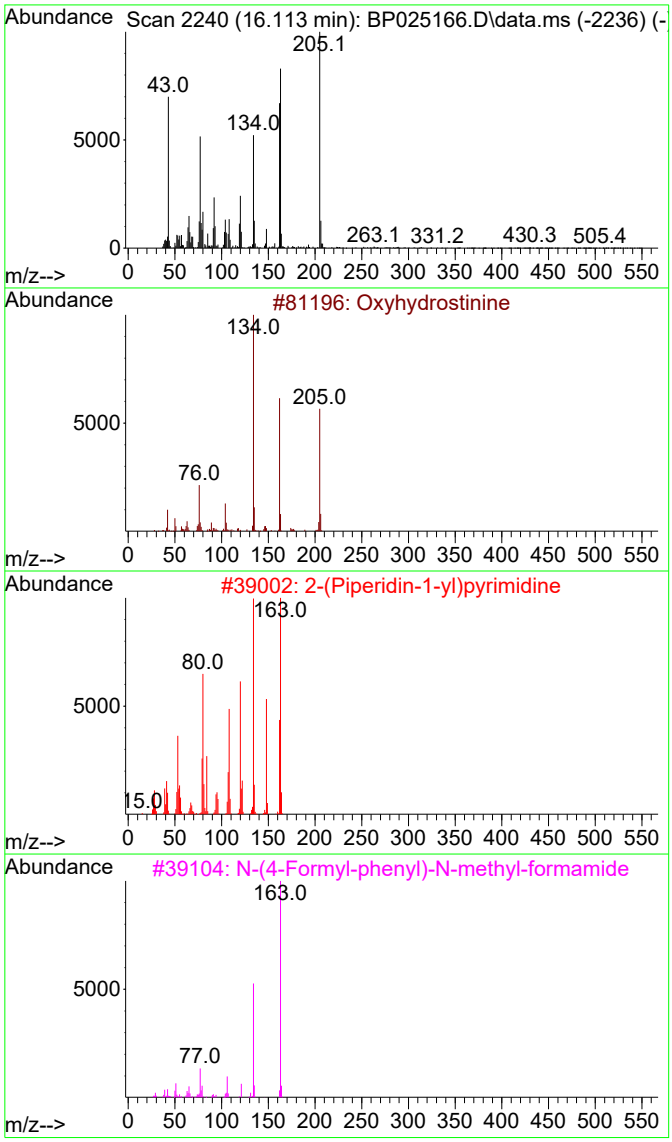
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

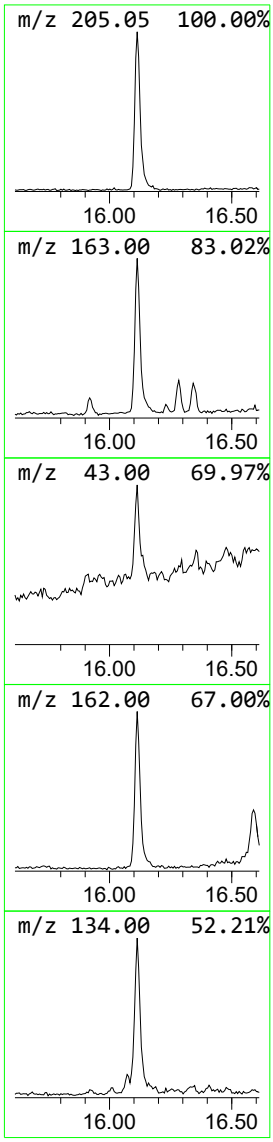
****

Peak Number 4 unknown16.113 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.113	2.14 ng	712956	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxyhydrostinine	205	C11H11NO3	000552-29-4	45
2	2-(Piperidin-1-yl)pyrimidine	163	C9H13N3	051957-36-9	38
3	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	30
4	1-Amino-4,6-dimethyl-2-oxo-1,2-d...	163	C8H9N3O	001562-12-5	30
5	2H-1-Benzopyran-2-one, 3,4-dihyd...	162	C10H10O2	000092-47-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

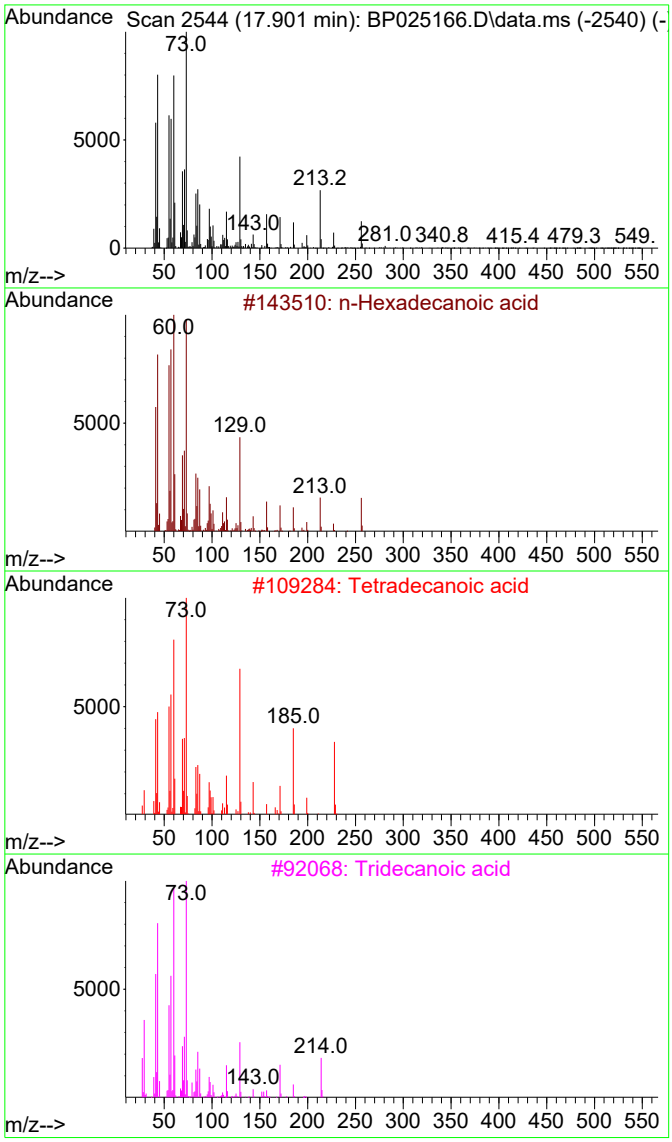
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

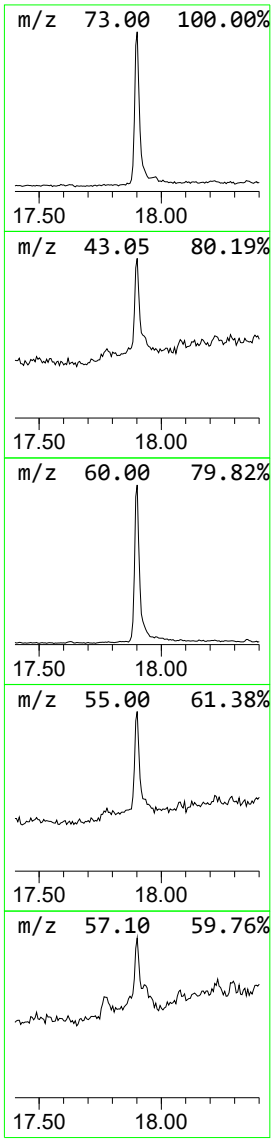
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	4.51 ng	1500610	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

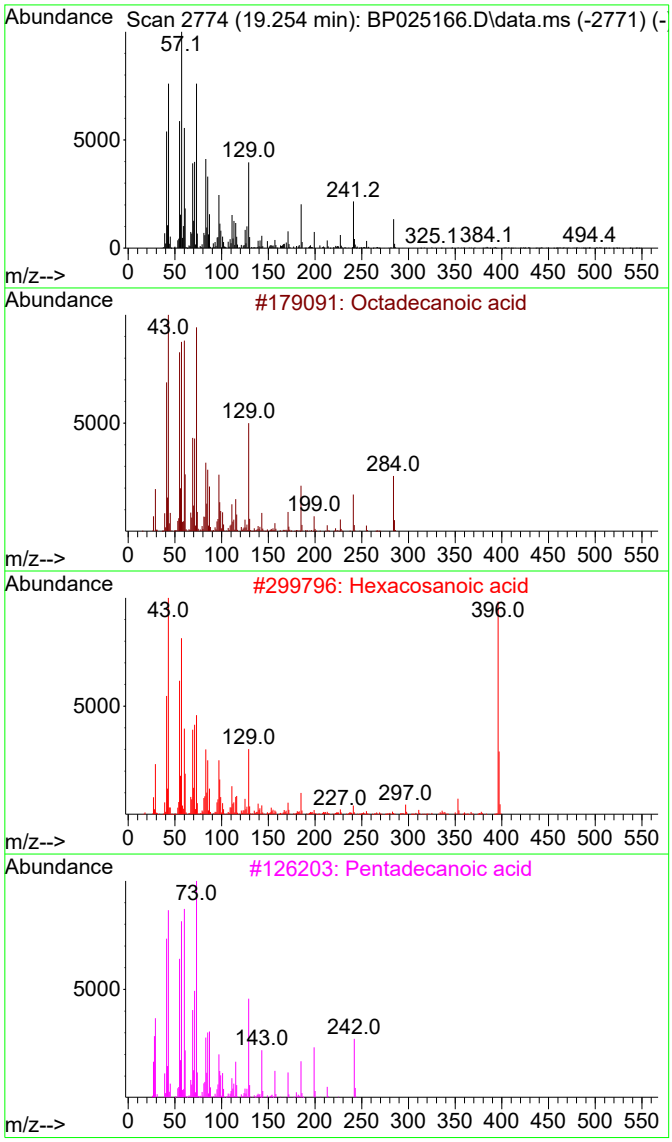
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

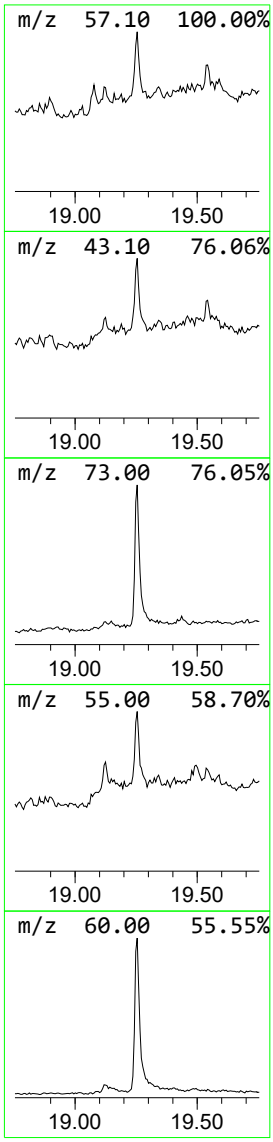
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.254	3.54 ng	1781500	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Hexacosanoic acid	396	C26H52O2	000506-46-7	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

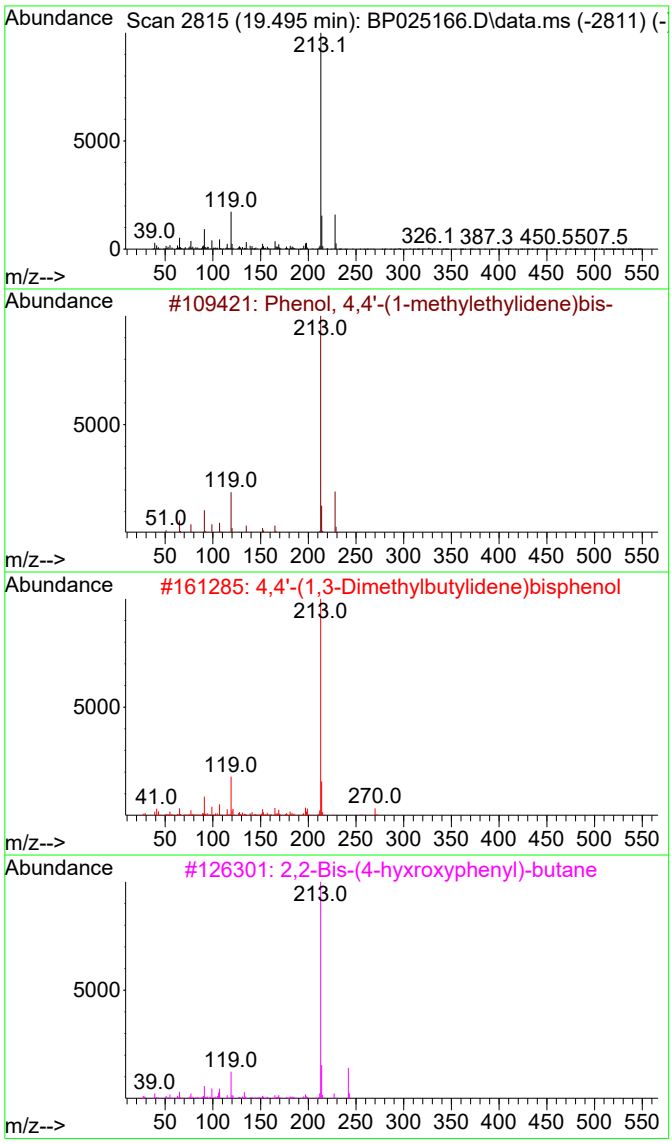
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

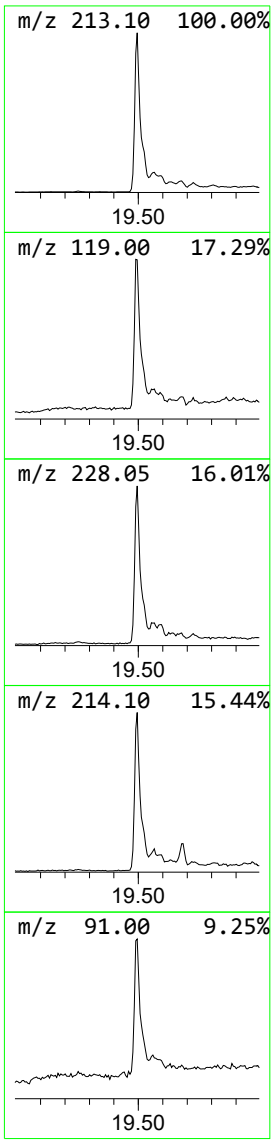
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.495	6.72 ng	3381620	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
5	4-Hydroxy-.gamma.-(4-hydroxyphen...	300	C18H20O4	007297-85-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzenamine, 2-...	9.907	3.1	ng	667547	2	10.190	4259800	20.0
Benzene, 1-isoc...	10.384	2.2	ng	463328	2	10.190	4259800	20.0
Benzophenone	15.501	2.3	ng	678189	3	14.101	5789400	20.0
unknown16.113	16.113	2.1	ng	712956	4	16.919	6659120	20.0
n-Hexadecanoic ...	17.901	4.5	ng	1500610	4	16.919	6659120	20.0
Octadecanoic acid	19.254	3.5	ng	1781500	5	21.348	10063900	20.0
Phenol, 4,4'-(1...	19.495	6.7	ng	3381620	5	21.348	10063900	20.0

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 15 17:53:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143093.D 5 =BF143094.D 10 =BF143095.D 20 =BF143096.D 40 =BF143097.D 50 =BF143098.D 60 =BF143099.D 80 =BF1431
00.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.637	0.635	0.640	0.627	0.661	0.626	0.586	0.630	3.58
3)		Pyridine		1.606	1.541	1.616	1.594	1.681	1.612	1.519	1.596	3.33
4)		n-Nitrosodimet...			0.788	0.825	0.816	0.879	0.840	0.812	0.827	3.70
5)	S	2-Fluorophenol		1.334	1.272	1.315	1.255	1.305	1.232	1.148	1.266	4.98
6)		Aniline		2.330	2.254	2.280	2.205	2.351	2.196	2.069	2.241	4.26
7)	S	Phenol-d6		1.685	1.616	1.640	1.565	1.643	1.547	1.441	1.591	5.11
8)		2-Chlorophenol		1.239	1.208	1.321	1.273	1.363	1.286	1.212	1.272	4.51
9)		Benzaldehyde			1.196	1.149	1.451	1.452	1.163	0.864	1.212	18.15
10)	C	Phenol		1.766	1.742	1.782	1.709	1.780	1.694	1.584	1.723	4.07
11)		bis(2-Chloroet...		1.425	1.363	1.366	1.309	1.371	1.291	1.209	1.334	5.26
12)		1,3-Dichlorobe...		1.547	1.482	1.470	1.414	1.471	1.388	1.286	1.437	5.83
13)	C	1,4-Dichlorobe...		1.570	1.473	1.504	1.412	1.482	1.386	1.292	1.446	6.27
14)		1,2-Dichlorobe...		1.468	1.409	1.430	1.364	1.417	1.321	1.241	1.379	5.57
15)		Benzyl Alcohol			1.126	1.204	1.167	1.255	1.189	1.132	1.179	4.09
16)		2,2'-oxybis(1-...		2.713	2.532	2.528	2.405	2.517	2.342	2.171	2.458	6.99
17)		2-Methylphenol		1.132	1.081	1.124	1.083	1.150	1.077	1.035	1.098	3.63
18)		Hexachloroethane		0.465	0.440	0.486	0.472	0.500	0.476	0.455	0.471	4.22
19)	P	n-Nitroso-di-n...	0.956	1.029	0.988	1.002	0.964	1.017	0.945	0.897	0.975	4.44
20)		3+4-Methylphenols			1.399	1.419	1.356	1.421	1.293	1.189	1.346	6.74
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.538	0.516	0.500	0.469	0.482	0.451	0.419	0.482	8.33
23)	S	Nitrobenzene-d5		0.283	0.319	0.363	0.372	0.399	0.390	0.370	0.357	11.59
24)		Nitrobenzene		0.282	0.317	0.357	0.356	0.385	0.366	0.347	0.344	9.94
25)		Isophorone		0.705	0.688	0.697	0.678	0.718	0.687	0.651	0.689	3.11
26)	C	2-Nitrophenol		0.063	0.075	0.106	0.120	0.141	0.146	0.147	0.114	29.95
27)		2,4-Dimethylph...		0.325	0.322	0.326	0.320	0.332	0.315	0.299	0.320	3.38
28)		bis(2-Chloroet...		0.444	0.434	0.435	0.409	0.424	0.404	0.375	0.418	5.63
29)	C	2,4-Dichloroph...		0.237	0.254	0.267	0.267	0.280	0.271	0.254	0.262	5.43
30)		1,2,4-Trichlor...		0.316	0.305	0.307	0.295	0.303	0.287	0.267	0.297	5.40
31)		Naphthalene		1.099	1.048	1.037	0.966	0.987	0.937	0.878	0.993	7.52
32)		Benzoic acid			0.080	0.111	0.144	0.159	0.171	0.172	0.139	26.27
33)		4-Chloroaniline		0.420	0.420	0.414	0.398	0.409	0.381	0.353	0.399	6.12
34)	C	Hexachlorobuta...		0.185	0.176	0.183	0.177	0.182	0.176	0.163	0.178	4.10
35)		Caprolactam			0.073	0.078	0.083	0.087	0.086	0.083	0.082	6.36
36)	C	4-Chloro-3-met...		0.285	0.290	0.296	0.293	0.307	0.293	0.277	0.291	3.26
37)		2-Methylnaphth...		0.644	0.626	0.615	0.580	0.597	0.562	0.524	0.592	6.91
38)		1-Methylnaphth...		0.678	0.660	0.631	0.603	0.615	0.578	0.537	0.615	7.81

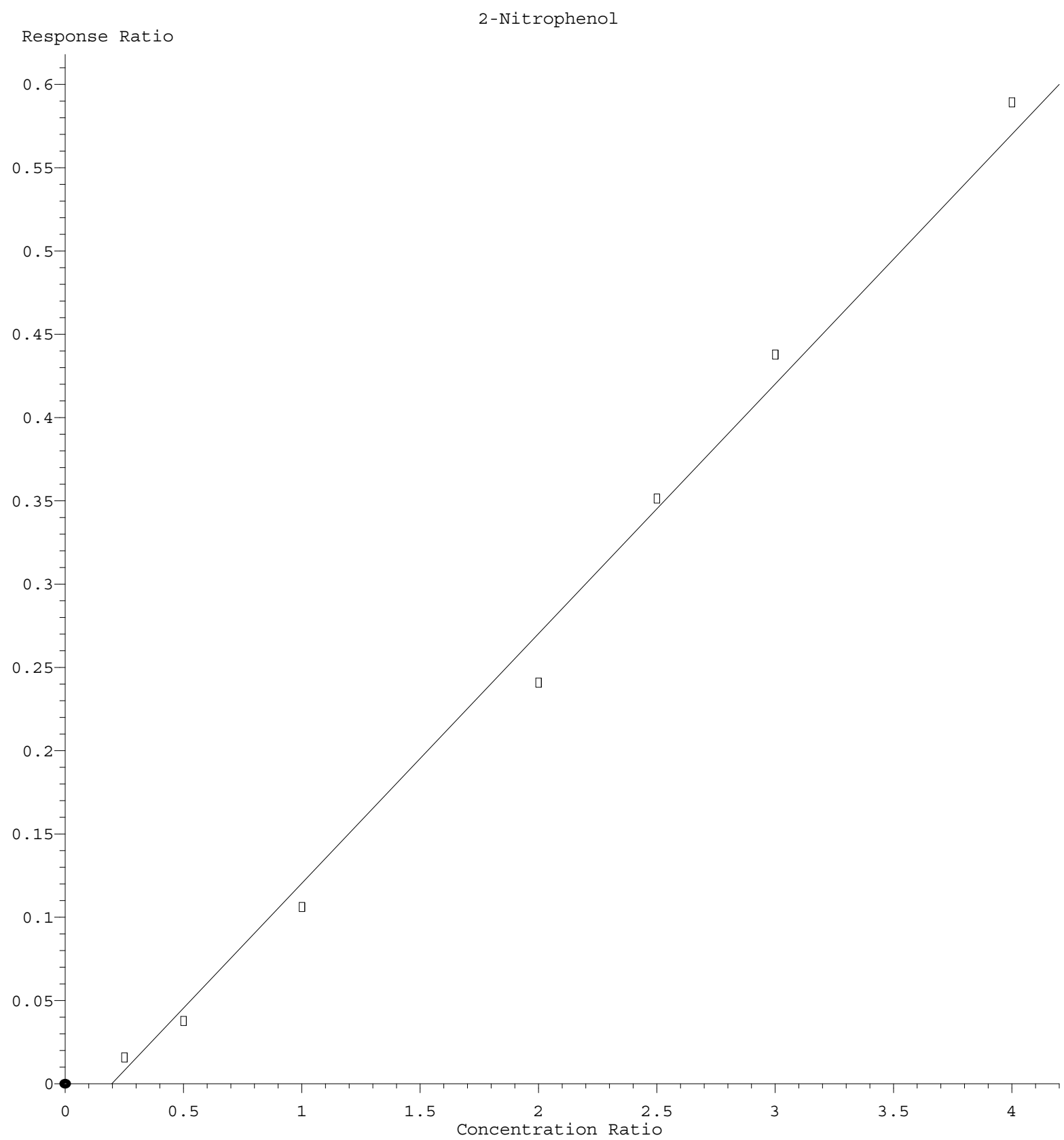
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.616	0.600	0.602	0.578	0.601	0.561	0.522	0.583	5.56
41)	P	Hexachlorocycl...		0.254	0.306	0.323	0.356	0.356	0.344	0.323	12.16
42)	S	2,4,6-Tribromo...	0.136	0.157	0.181	0.188	0.204	0.194	0.188	0.178	13.23
43)	C	2,4,6-Trichlor...	0.300	0.312	0.377	0.376	0.400	0.393	0.377	0.362	10.94
44)		2,4,5-Trichlor...	0.336	0.367	0.390	0.393	0.418	0.377	0.378	0.380	6.62
45)	S	2-Fluorobiphenyl	1.777	1.645	1.602	1.456	1.460	1.355	1.238	1.505	12.18
46)		1,1'-Biphenyl	1.750	1.687	1.671	1.567	1.610	1.496	1.384	1.595	7.84
47)		2-Chloronaphth...	1.271	1.203	1.206	1.159	1.195	1.120	1.048	1.172	6.10
48)		2-Nitroaniline	0.180	0.224	0.296	0.328	0.372	0.363	0.355	0.303	24.51
49)		Acenaphthylene	2.060	2.011	2.034	1.959	1.989	1.867	1.746	1.952	5.65
50)		Dimethylphthalate	1.310	1.259	1.292	1.257	1.302	1.219	1.169	1.258	4.01
51)		2,6-Dinitrotol...	0.133	0.176	0.222	0.234	0.262	0.262	0.247	0.219	22.07
52)	C	Acenaphthene	1.273	1.204	1.173	1.127	1.168	1.088	1.032	1.152	6.85
53)		3-Nitroaniline	0.180	0.227	0.283	0.288	0.318	0.313	0.295	0.272	18.56
54)	P	2,4-Dinitrophenol		0.038	0.056	0.069	0.086	0.090	0.097	0.073	31.18
55)		Dibenzofuran	1.895	1.795	1.785	1.697	1.729	1.604	1.516	1.717	7.37
56)	P	4-Nitrophenol		0.164	0.201	0.224	0.239	0.237	0.232	0.216	13.37
57)		2,4-Dinitrotol...	0.147	0.197	0.253	0.295	0.326	0.319	0.320	0.265	26.25
58)		Fluorene	1.478	1.387	1.328	1.246	1.284	1.186	1.105	1.288	9.67
59)		2,3,4,6-Tetrac...	0.253	0.274	0.302	0.312	0.339	0.323	0.309	0.302	9.71
60)		Diethylphthalate	1.221	1.217	1.257	1.225	1.260	1.187	1.130	1.214	3.68
61)		4-Chlorophenyl...	0.666	0.642	0.631	0.614	0.625	0.586	0.555	0.617	5.92
62)		4-Nitroaniline	0.169	0.208	0.237	0.249	0.270	0.263	0.259	0.236	15.25
63)		Azobenzene	1.425	1.399	1.375	1.328	1.381	1.282	1.208	1.343	5.65
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.035	0.053	0.064	0.079	0.084	0.086	0.067	30.46
66)	c	n-Nitrosodiphe...	0.735	0.709	0.736	0.682	0.717	0.685	0.654	0.703	4.30
67)		4-Bromophenyl-...	0.231	0.219	0.234	0.222	0.239	0.228	0.219	0.227	3.38
68)		Hexachlorobenzene	0.249	0.237	0.247	0.235	0.250	0.239	0.231	0.241	3.12
69)		Atrazine	0.158	0.171	0.184	0.181	0.195	0.185	0.184	0.180	6.72
70)	C	Pentachlorophenol		0.098	0.125	0.132	0.149	0.145	0.145	0.132	14.47
71)		Phenanthrene	1.190	1.136	1.111	1.042	1.089	1.021	0.968	1.079	6.95
72)		Anthracene	1.158	1.126	1.126	1.057	1.106	1.042	0.983	1.085	5.62
73)		Carbazole	1.038	1.026	1.008	0.938	0.998	0.927	0.873	0.972	6.27
74)		Di-n-butylphth...	0.746	0.846	0.913	0.921	0.983	0.942	0.897	0.893	8.62
75)	C	Fluoranthene	1.044	1.053	1.009	0.960	0.998	0.938	0.869	0.981	6.59
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.664	0.786	0.834	0.674	0.616	0.514	0.681	17.02
78)		Pyrene	2.018	1.956	1.955	1.842	1.918	1.716	1.585	1.856	8.33
79)	S	Terphenyl-d14	1.563	1.471	1.437	1.343	1.385	1.246	1.133	1.368	10.53
80)		Butylbenzylpht...	0.179	0.233	0.310	0.343	0.385	0.395	0.384	0.318	26.22
81)		Benzo(a)anthra...	1.296	1.304	1.406	1.347	1.403	1.326	1.247	1.333	4.34
82)		3,3'-Dichlorob...		0.314	0.406	0.385	0.428	0.411	0.377	0.387	10.35
83)		Chrysene	1.286	1.234	1.211	1.201	1.270	1.228	1.162	1.227	3.41
84)		Bis(2-ethylhex...	0.273	0.343	0.479	0.515	0.578	0.591	0.583	0.480	26.25
85)	c	Di-n-octyl pht...		0.474	0.811	0.922	1.073	1.115	1.167	0.927	27.83

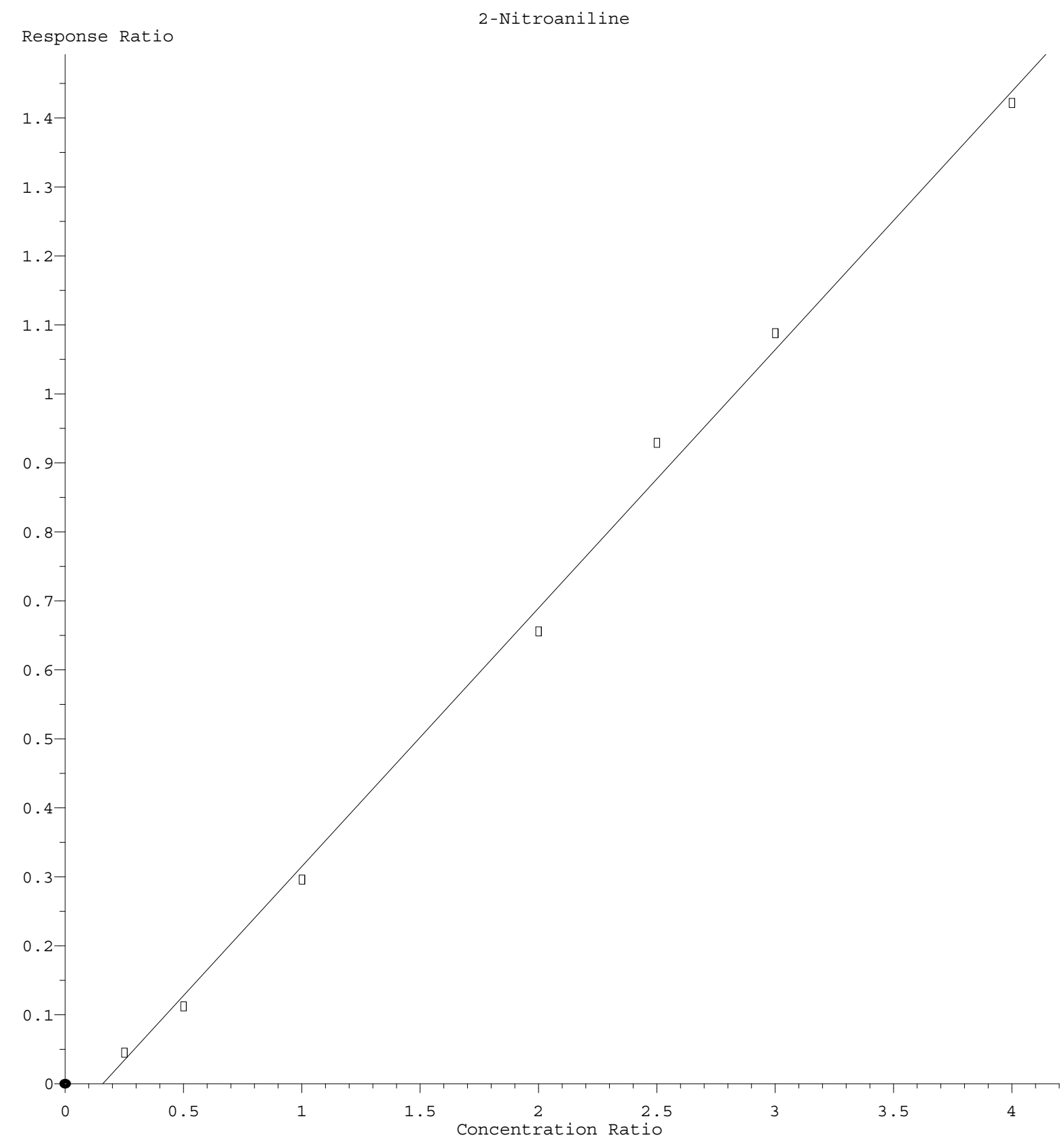
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.345	1.411	1.526	1.521	1.620	1.519	1.470	1.488	5.98
88)		Benzo(b)fluora...	1.063	1.191	1.171	1.082	1.297	1.185	1.087	1.154	7.17
89)		Benzo(k)fluora...	1.175	1.066	1.111	1.148	1.088	1.060	1.056	1.101	4.23
90)	C	Benzo(a)pyrene	0.989	1.019	1.108	1.124	1.196	1.124	1.078	1.091	6.41
91)		Dibenzo(a,h)an...	1.114	1.162	1.266	1.240	1.330	1.222	1.178	1.216	5.90
92)		Benzo(g,h,i)pe...	1.148	1.187	1.263	1.258	1.349	1.260	1.214	1.240	5.20

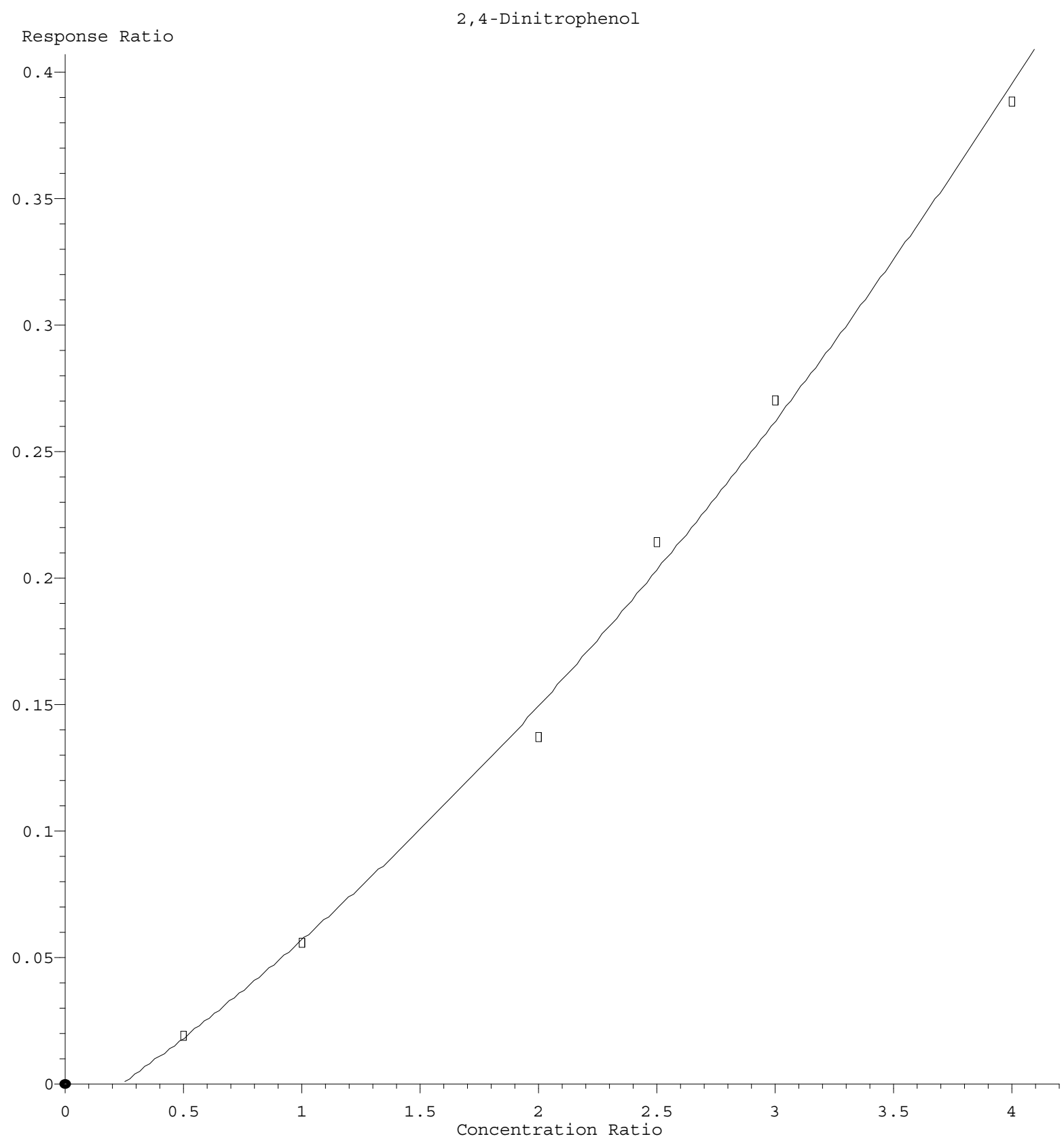
(#) = Out of Range



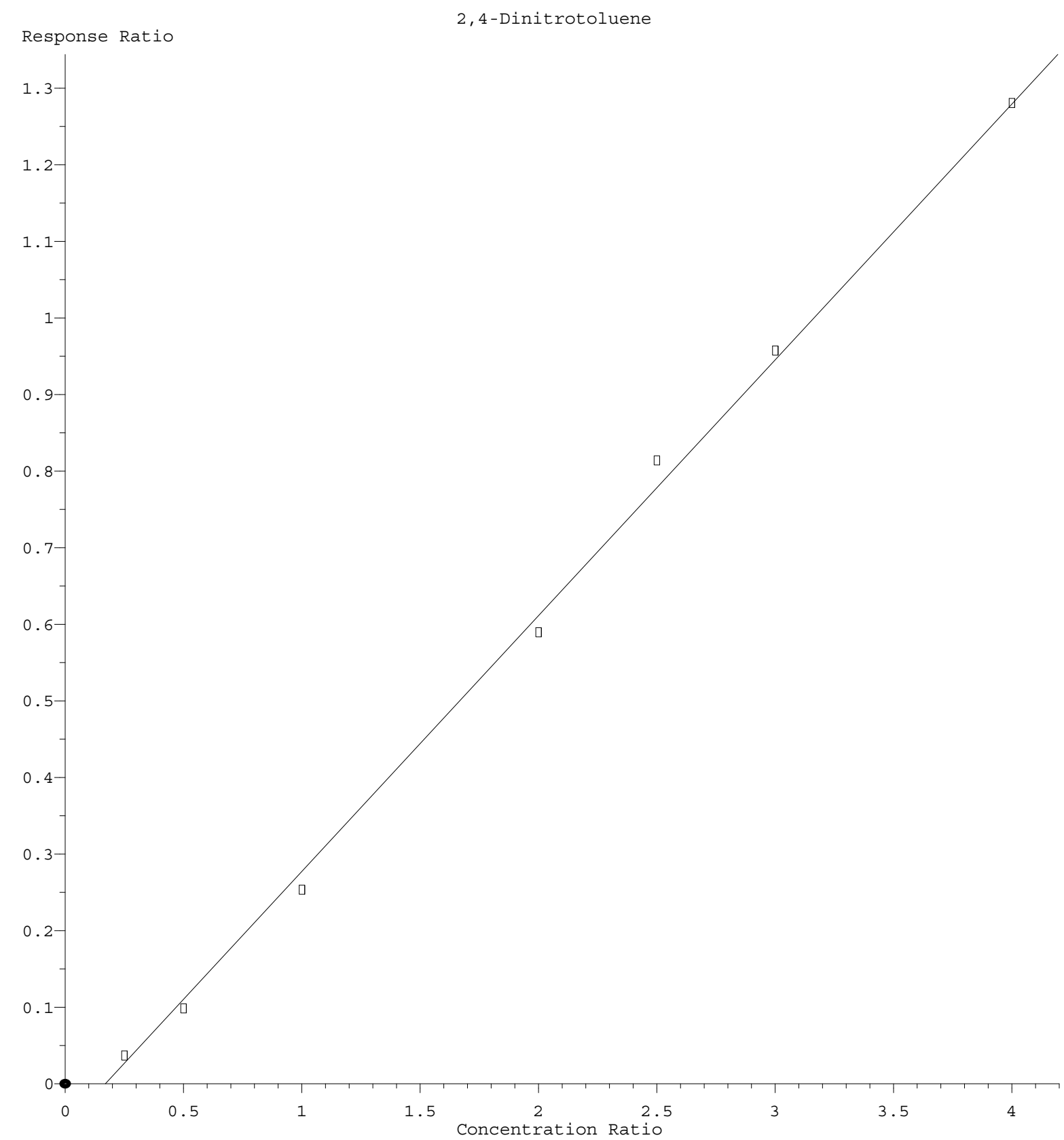
Response = 1.498e-001 * Amt - 2.944e-002
Coef of Det (r^2) = 0.992826 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025



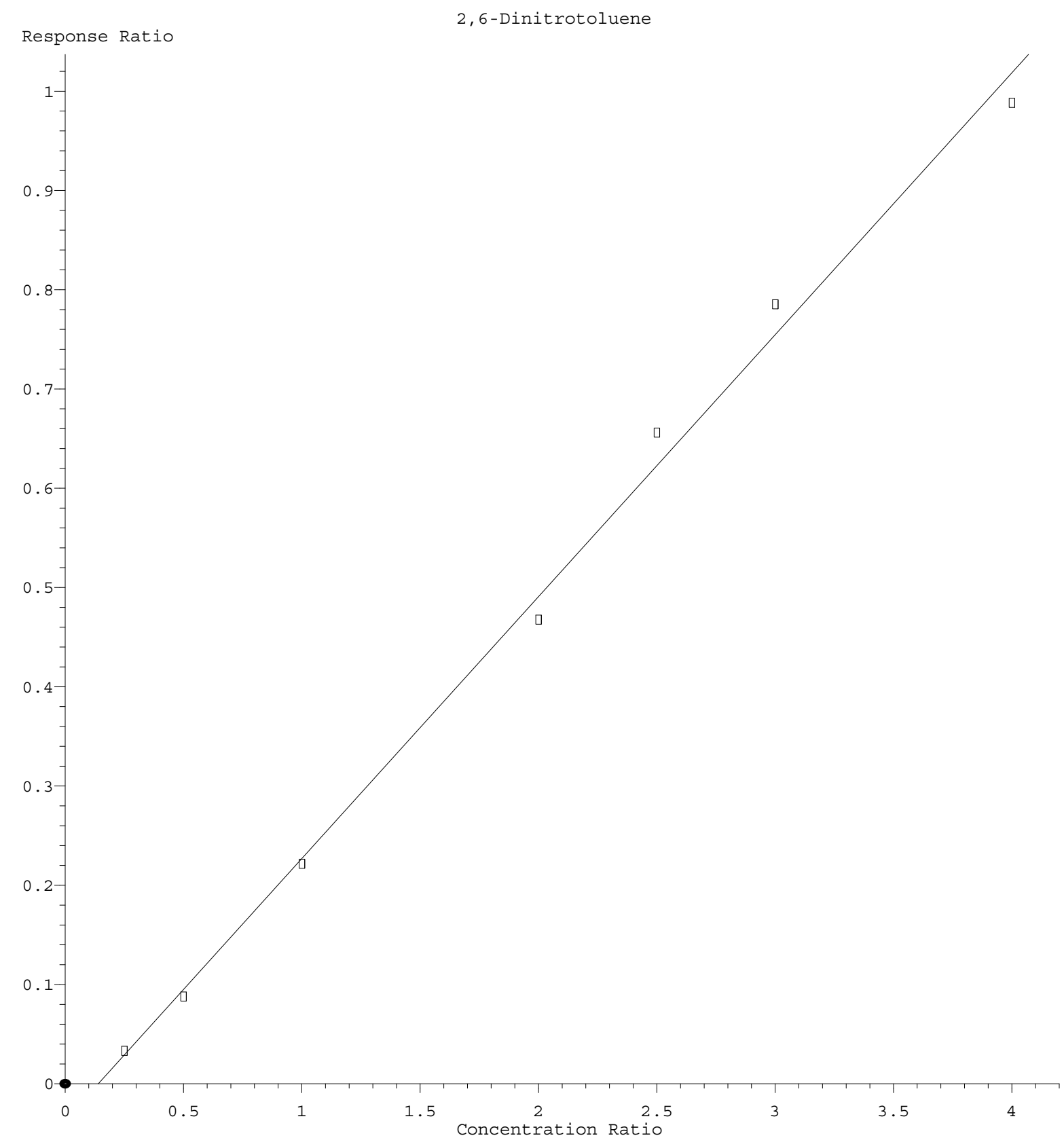
Response = 3.746e-001 * Amt - 5.948e-002
Coef of Det (r^2) = 0.996906 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025



R = 1.009e-002 A*A + 6.225e-002 A - 1.545e-002
Coef of Det (r^2) = 0.996906 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025

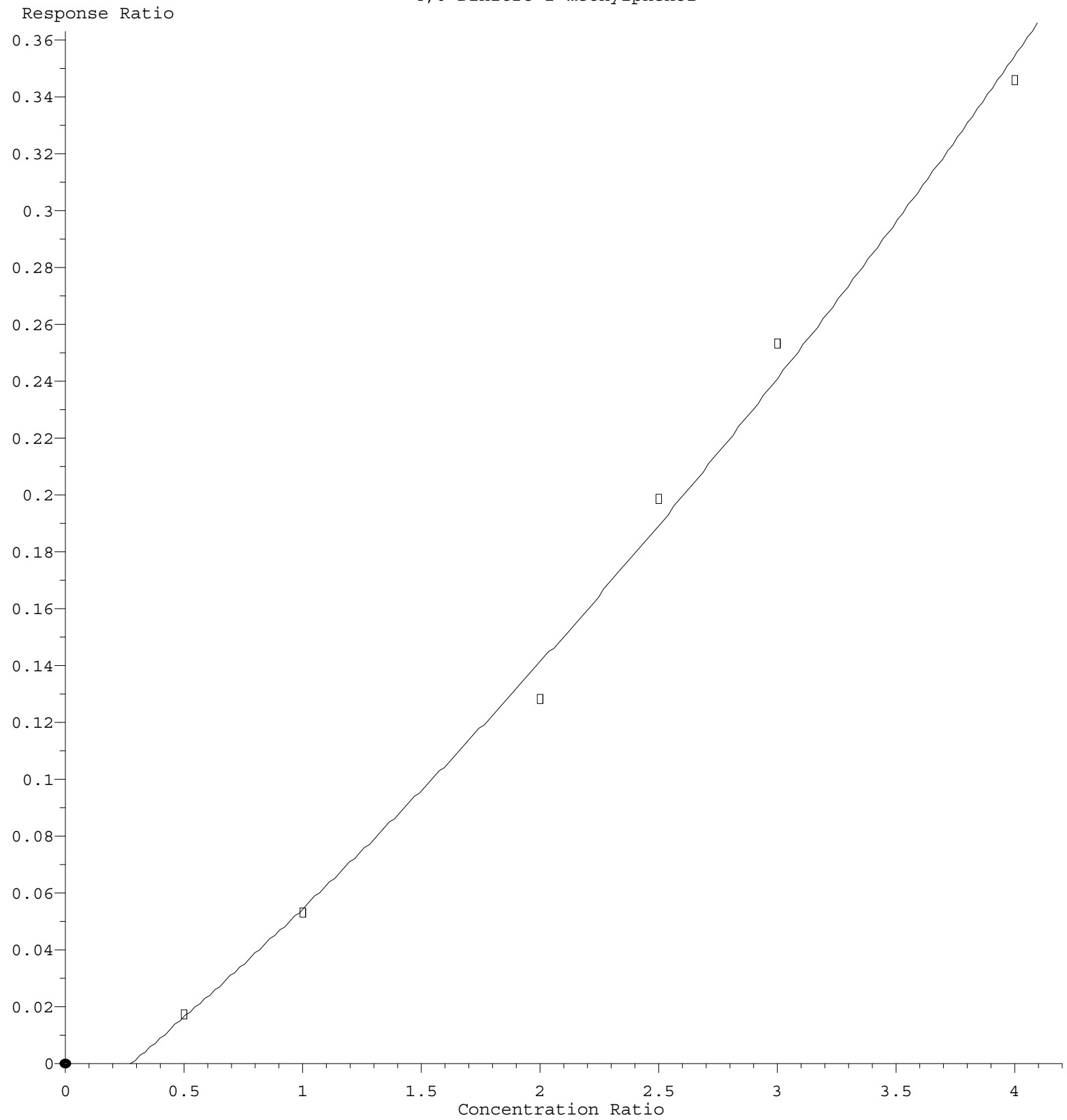


Response = 3.341e-001 * Amt - 5.679e-002
Coef of Det (r^2) = 0.997543 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025

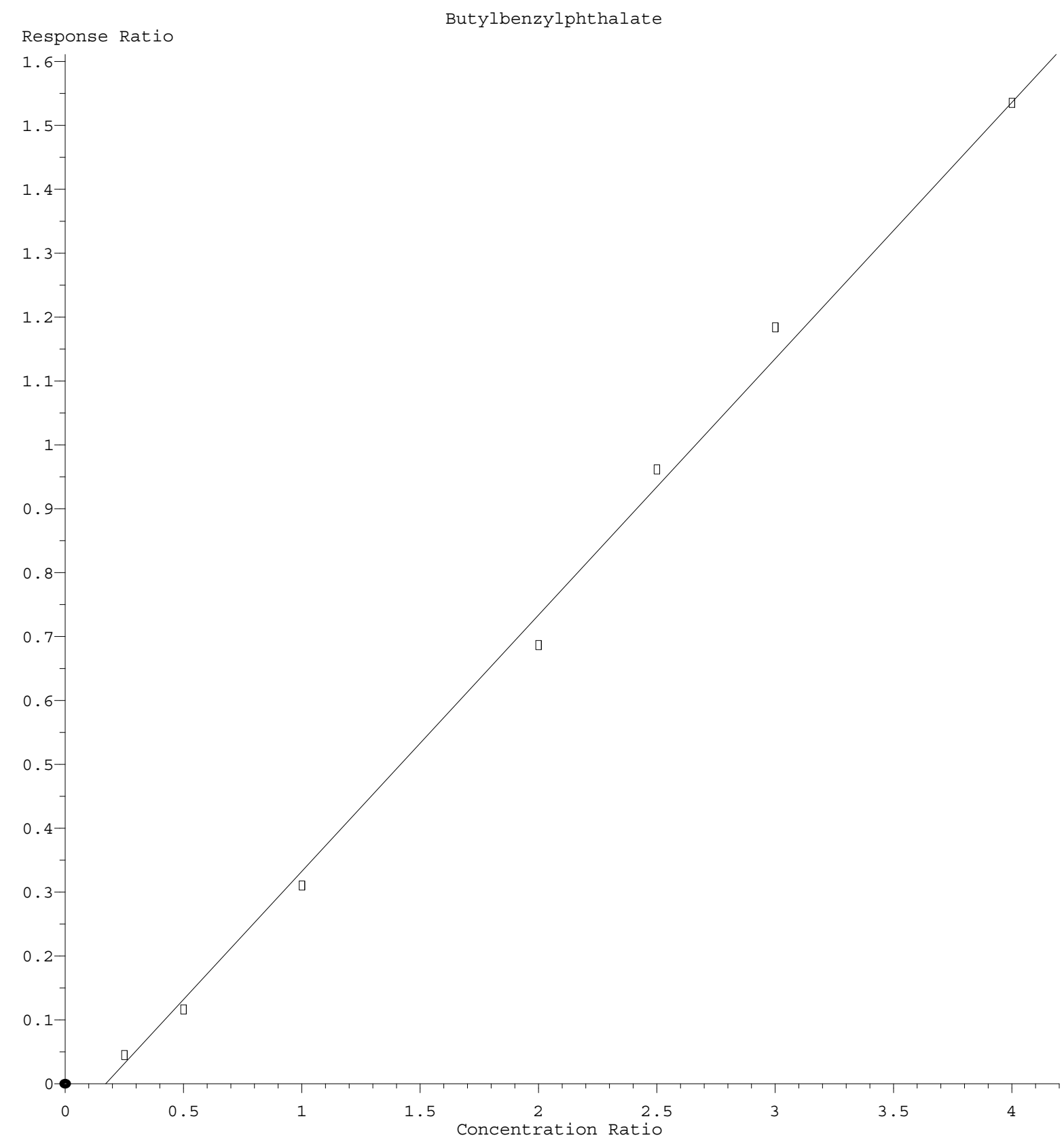


Response = 2.640e-001 * Amt - 3.691e-002
Coef of Det (r^2) = 0.997212 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025

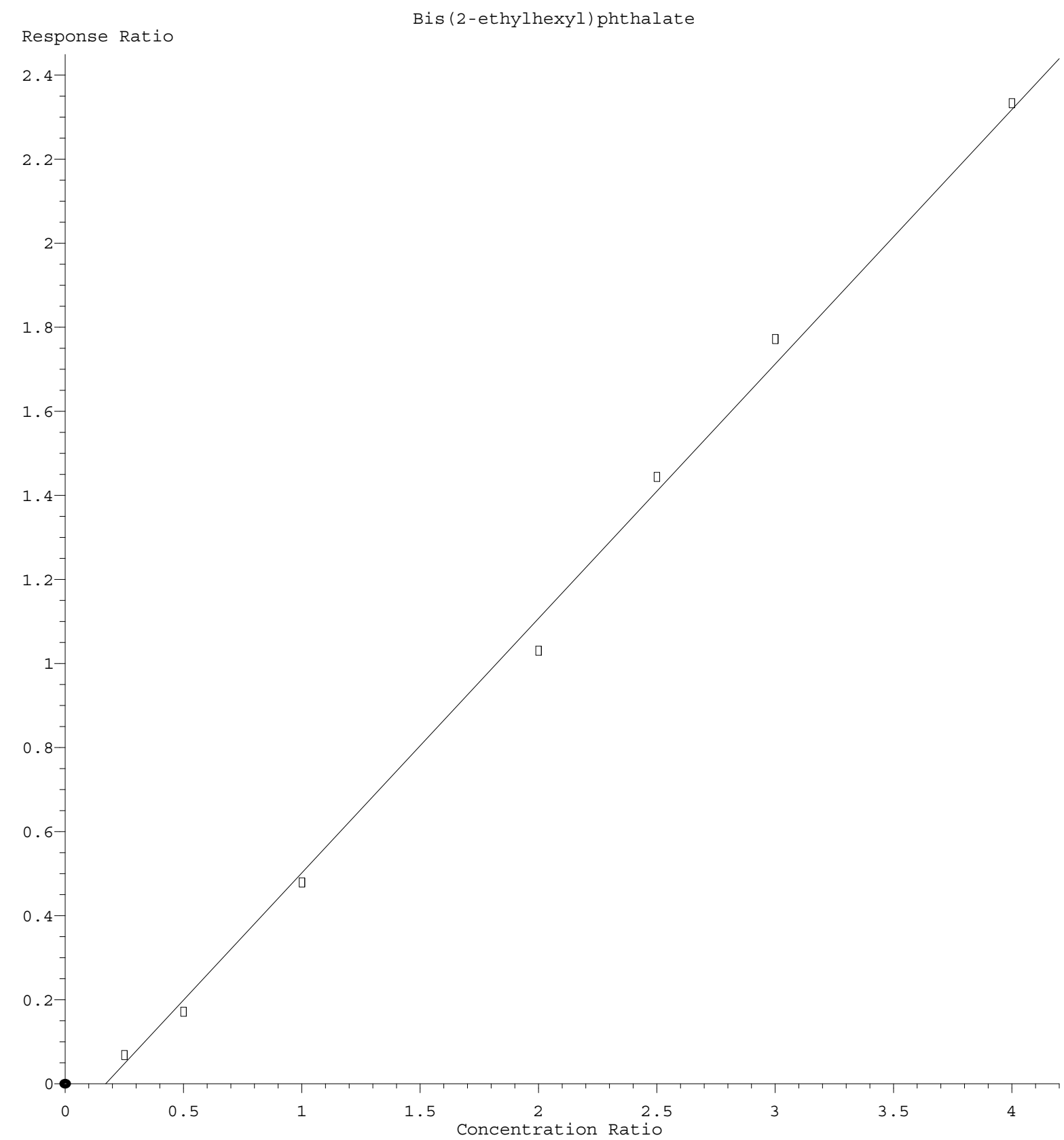
4,6-Dinitro-2-methylphenol



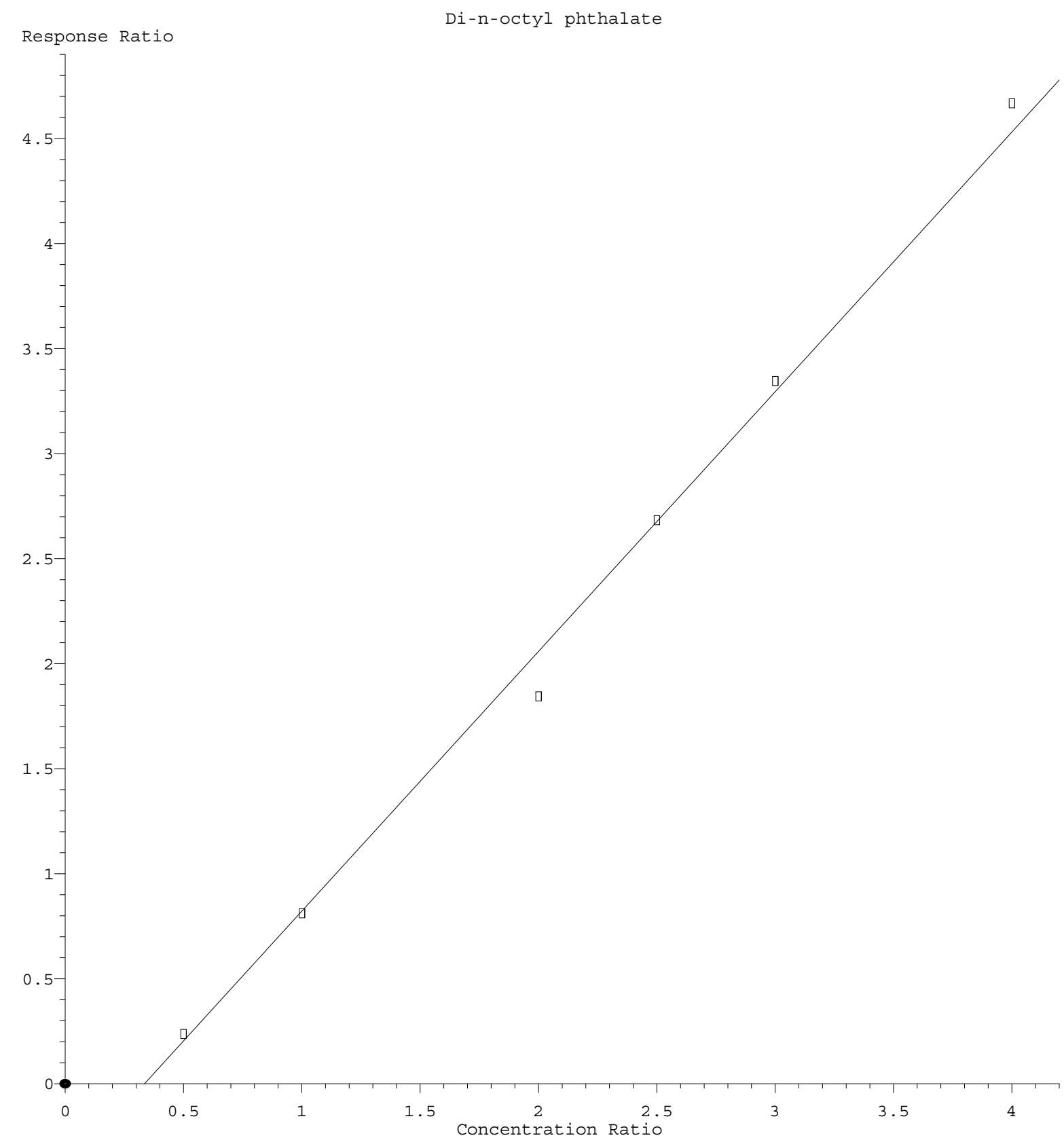
R = 6.691e-003 A*A + 6.646e-002 A - 1.863e-002
Coef of Det (r^2) = 0.995577 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025



Response = 4.013e-001 * Amt - 6.845e-002
Coef of Det (r^2) = 0.996788 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025



Response = 6.053e-001 * Amt - 1.032e-001
Coef of Det (r^2) = 0.996945 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025



Response = 1.236e+000 * Amt - 4.136e-001
Coef of Det (r^2) = 0.995967 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071525.M
Calibration Table Last Updated: Tue Jul 15 17:53:25 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143093.D
Acq On : 15 Jul 2025 13:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 15 17:36:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	130499	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	494118	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	253763	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	424376	20.000	ng	0.00
76) Chrysene-d12	14.127	240	244536	20.000	ng	0.00
86) Perylene-d12	15.633	264	187520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	15601	2.453	ng	95

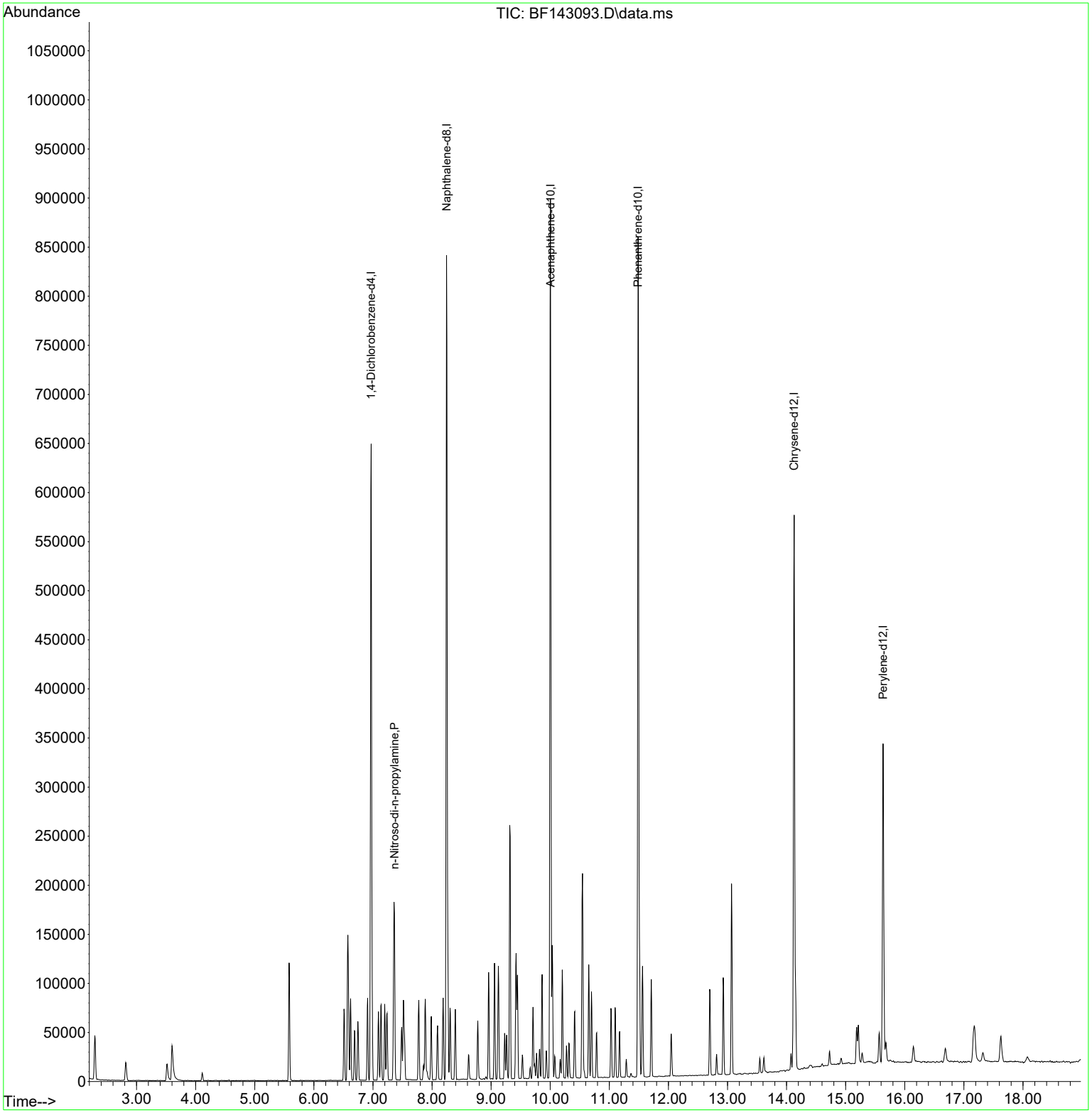
(#) = qualifier out of range (m) = manual integration (+) = signals summed

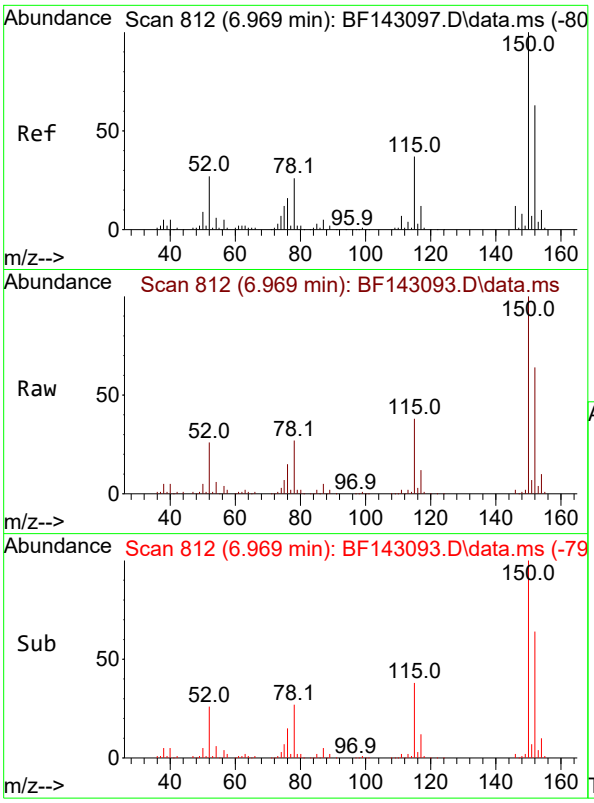
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143093.D
Acq On : 15 Jul 2025 13:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 15 17:36:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration



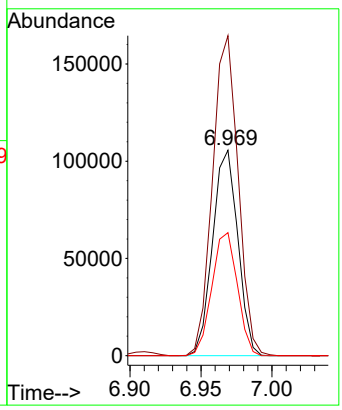


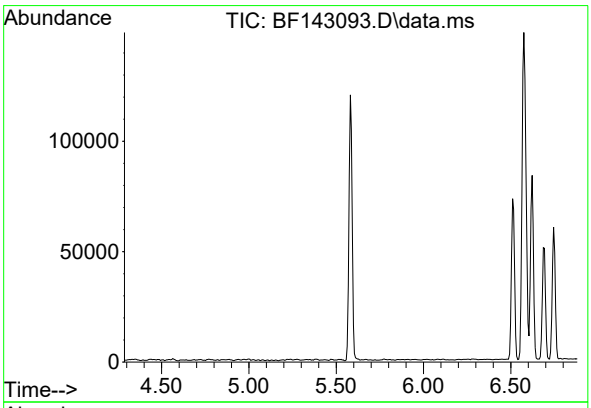
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 130499

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.5	189.7
115	59.9	47.0	70.6



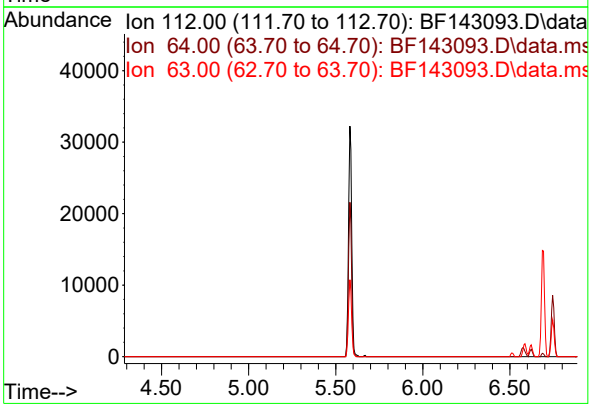


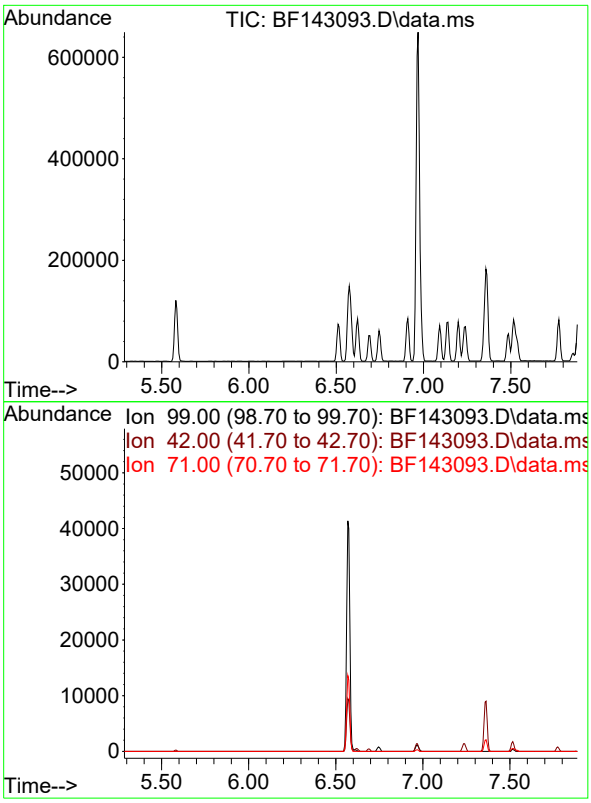
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.3
63	34.1





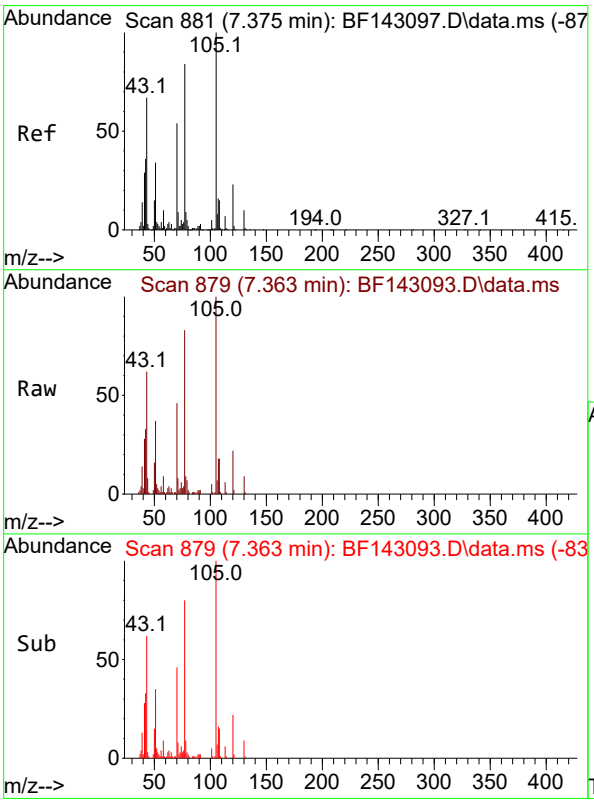
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.59 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

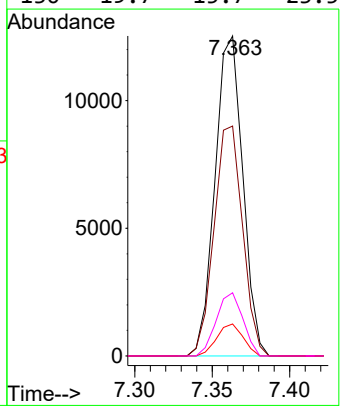
Sig	Exp Ratio
99	100
42	21.5
71	34.2

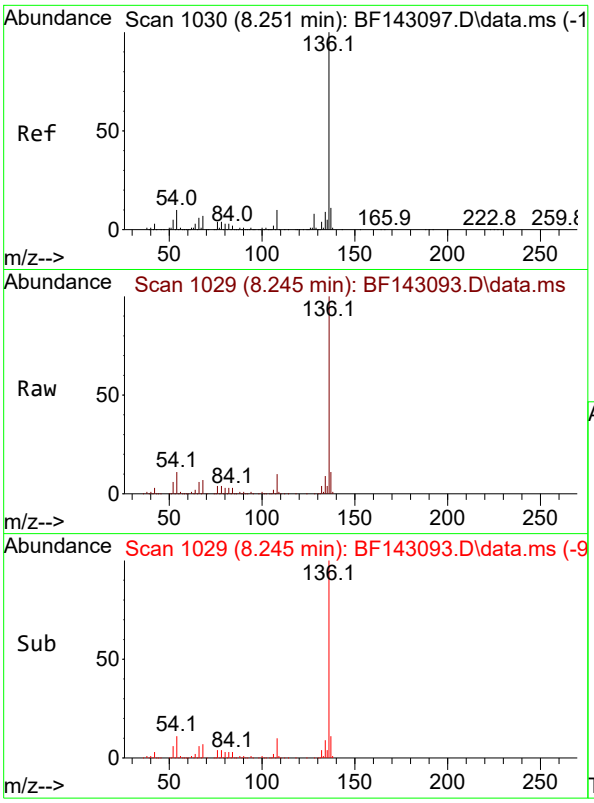


#19
n-Nitroso-di-n-propylamine
Concen: 2.453 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion: 70 Resp: 15601

Ion	Ratio	Lower	Upper
70	100		
42	71.9	53.2	79.8
101	10.0	7.5	11.3
130	19.7	15.7	23.5



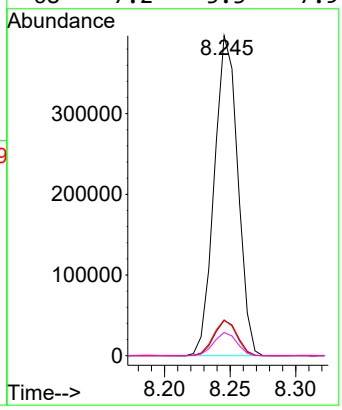


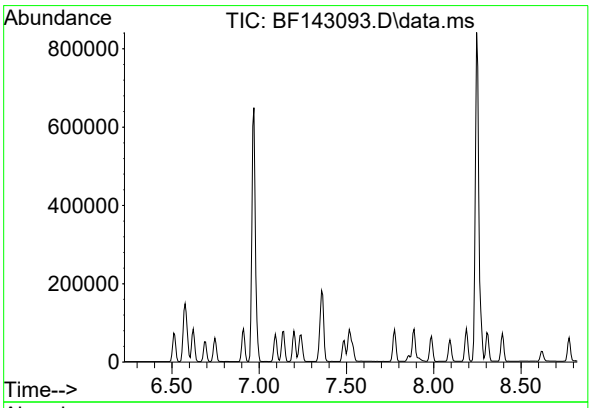
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 494118

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.2	8.3	12.5
68	7.2	5.3	7.9



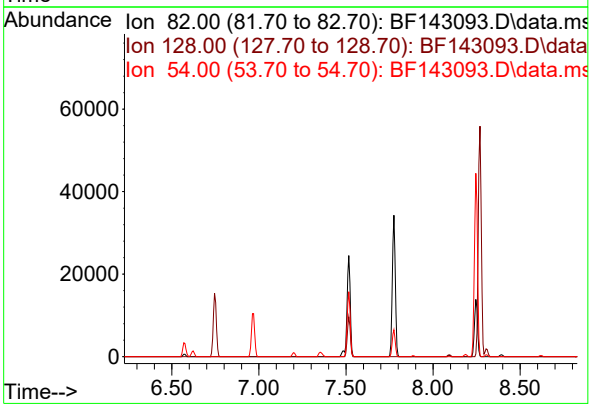


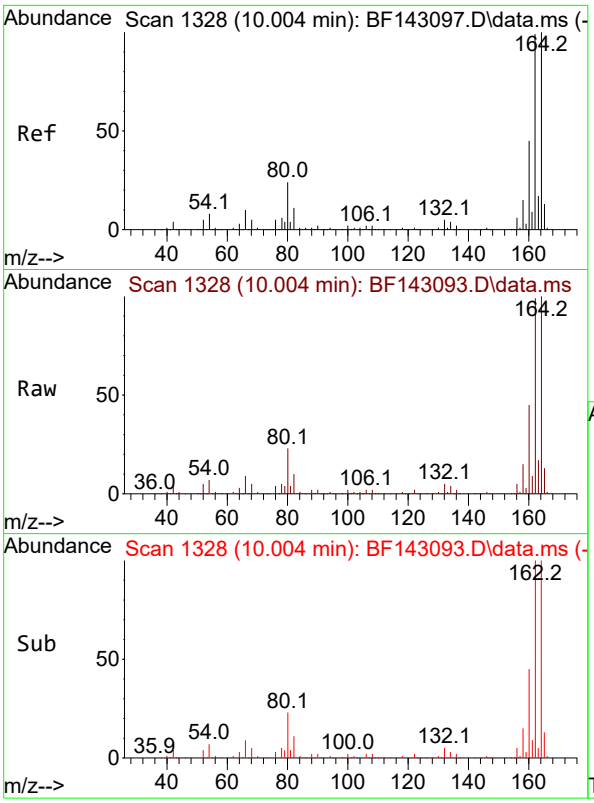
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.53 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.6
54	59.3



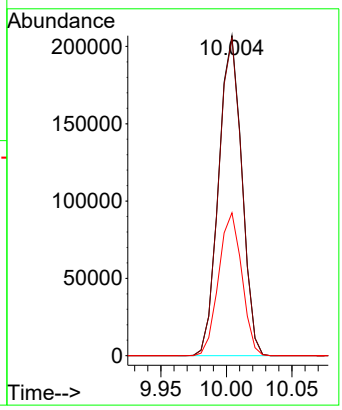


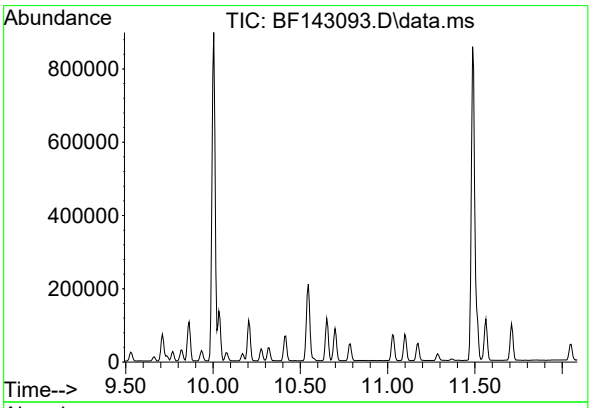
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 253763

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.6
160	44.7	35.8	53.6



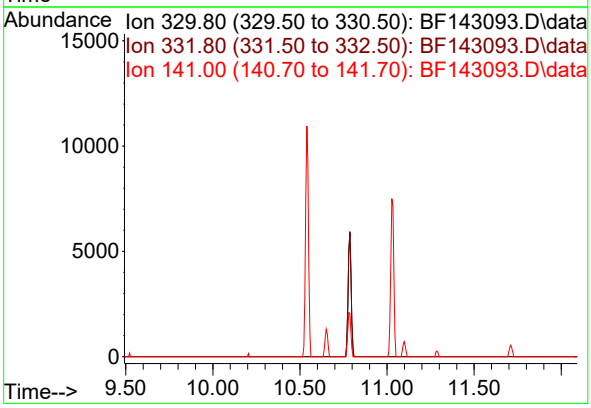


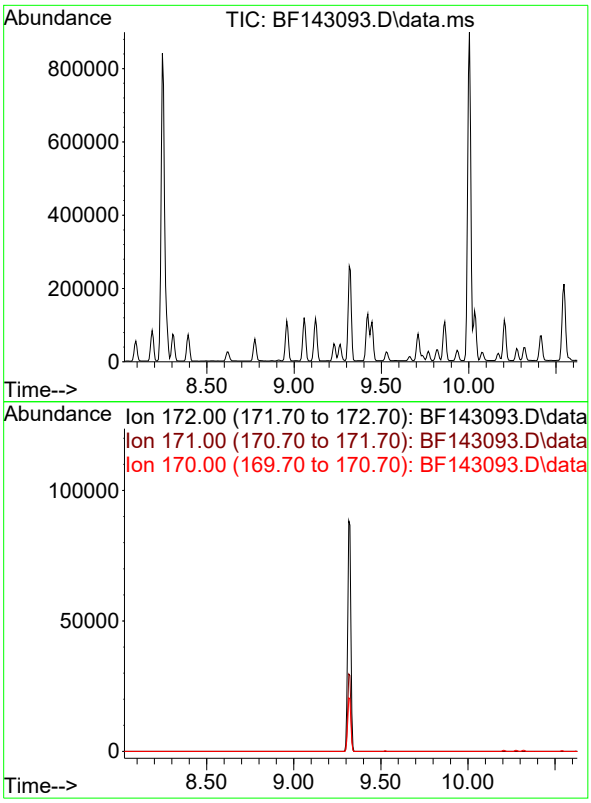
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.79 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.4
141	32.4





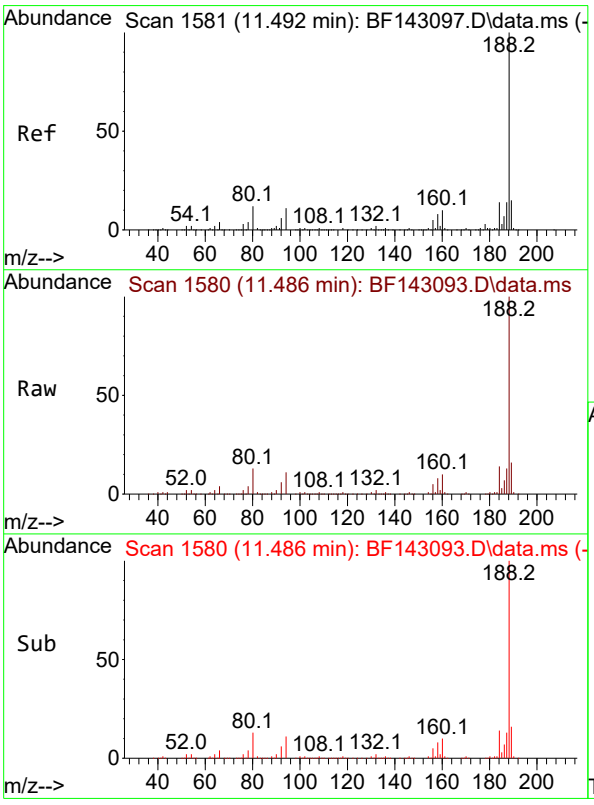
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.33 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

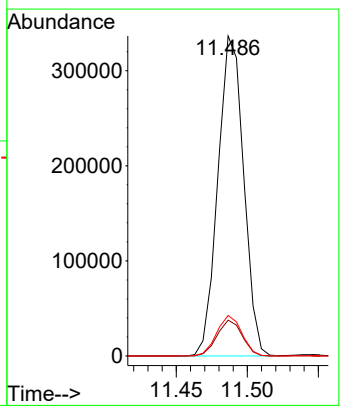
Sig	Exp Ratio
172	100
171	35.3
170	23.3

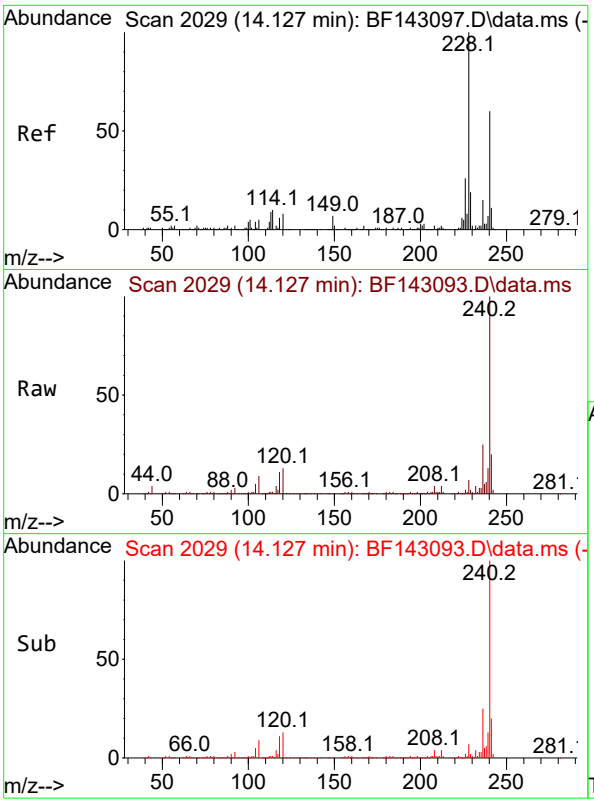


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion:188 Resp: 424376

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.6	13.0
80	12.7	9.3	13.9



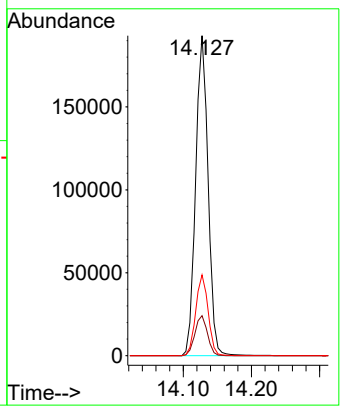


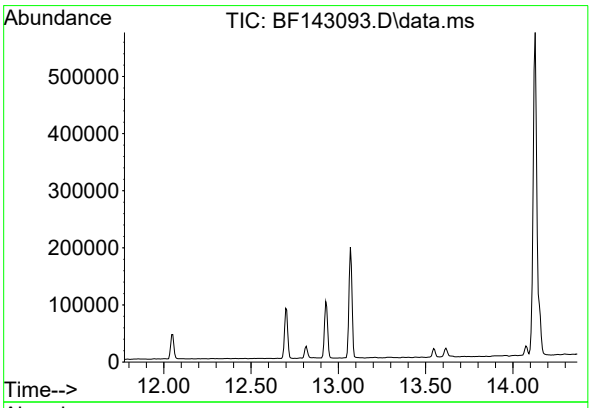
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 244536

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.3	20.0	30.0



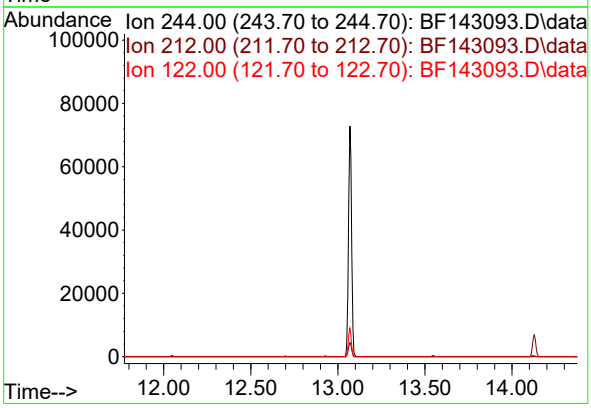


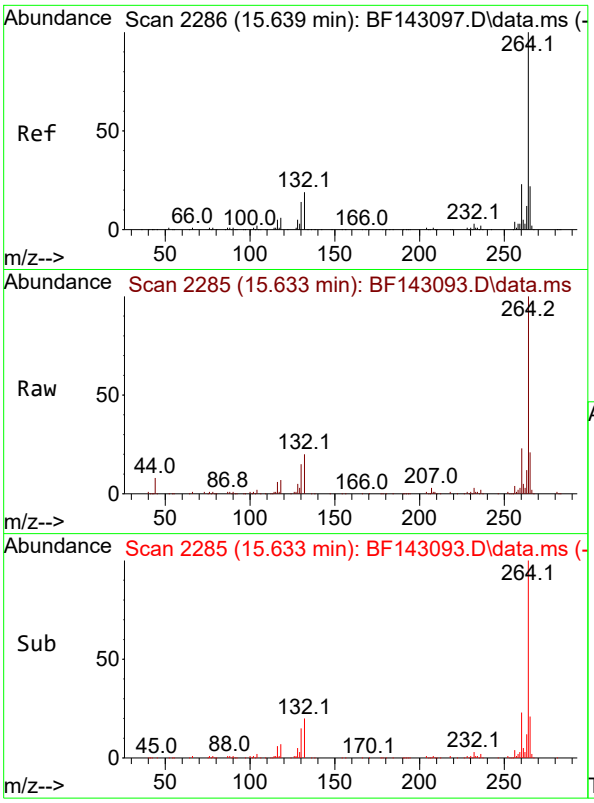
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.5
122	11.0



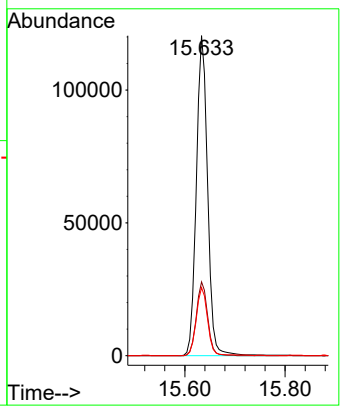


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143093.D
Acq: 15 Jul 2025 13:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 187520

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.3	17.5	26.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143094.D
Acq On : 15 Jul 2025 13:35
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 17:37:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	119528	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	456442	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	230973	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	382578	20.000	ng	0.00
76) Chrysene-d12	14.127	240	212909	20.000	ng	0.00
86) Perylene-d12	15.633	264	174154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	79738	10.540	ng	0.00
7) Phenol-d6	6.575	99	100706	10.590	ng	-0.01
23) Nitrobenzene-d5	7.516	82	64500m	7.927	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	15703	7.625	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	205273	11.814	ng	0.00
79) Terphenyl-d14	13.069	244	166389	11.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	19027	5.052	ng	95
3) Pyridine	3.587	79	48004	5.034	ng	97
6) Aniline	6.622	93	69613	5.198	ng	99
8) 2-Chlorophenol	6.745	128	37026	4.871	ng	98
10) Phenol	6.587	94	52784	5.127	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	42574	5.342	ng	98
12) 1,3-Dichlorobenzene	6.910	146	46218	5.382	ng	98
13) 1,4-Dichlorobenzene	6.987	146	46918	5.431	ng	99
14) 1,2-Dichlorobenzene	7.140	146	43854	5.323	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	81065	5.518	ng	99
17) 2-Methylphenol	7.198	107	33834	5.158	ng	98
18) Hexachloroethane	7.487	117	13889	4.938	ng	99
19) n-Nitroso-di-n-propyla...	7.363	70	30747	5.277	ng	99
22) Acetophenone	7.363	105	61393	5.580	ng	95
24) Nitrobenzene	7.534	77	32206	4.100	ng	99
25) Isophorone	7.775	82	80494	5.118	ng	99
26) 2-Nitrophenol	7.857	139	7204	6.037	ng	96
27) 2,4-Dimethylphenol	7.887	122	37098	5.082	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	50637	5.310	ng	98
29) 2,4-Dichlorophenol	8.092	162	27047	4.529	ng	96
30) 1,2,4-Trichlorobenzene	8.187	180	36023	5.315	ng	99
31) Naphthalene	8.269	128	125461	5.535	ng	100
33) 4-Chloroaniline	8.310	127	47947	5.260	ng	98
34) Hexachlorobutadiene	8.392	225	21105	5.207	ng	98
36) 4-Chloro-3-methylphenol	8.775	107	32542	4.892	ng	96
37) 2-Methylnaphthalene	8.957	142	73511	5.436	ng	99
38) 1-Methylnaphthalene	9.057	142	77390	5.518	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	35579	5.286	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	17295	4.135	ng	97
44) 2,4,5-Trichlorophenol	9.263	196	19416	4.427	ng	99
46) 1,1'-Biphenyl	9.422	154	101056	5.486	ng	99
47) 2-Chloronaphthalene	9.445	162	73385	5.423	ng	99
48) 2-Nitroaniline	9.528	65	10398	5.579	ng	91
49) Acenaphthylene	9.863	152	118965	5.276	ng	99
50) Dimethylphthalate	9.710	163	75659	5.207	ng	99
51) 2,6-Dinitrotoluene	9.769	165	7659	5.308	ng	93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143094.D
Acq On : 15 Jul 2025 13:35
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jul 15 17:37:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	10.033	154	73531	5.526	ng		99
53) 3-Nitroaniline	9.933	138	10382	3.307	ng	#	90
55) Dibenzofuran	10.204	168	109432	5.518	ng		99
57) 2,4-Dinitrotoluene	10.169	165	8515	5.606	ng		87
58) Fluorene	10.551	166	85318	5.738	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	14610	4.192	ng	#	98
60) Diethylphthalate	10.416	149	70533	5.031	ng		98
61) 4-Chlorophenyl-phenyle...	10.539	204	38452	5.395	ng		96
62) 4-Nitroaniline	10.539	138	9779	3.581	ng		83
63) Azobenzene	10.698	77	82291	5.308	ng		99
66) n-Nitrosodiphenylamine	10.651	169	70293	5.231	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	22127	5.086	ng		95
68) Hexachlorobenzene	11.098	284	23819	5.160	ng		97
69) Atrazine	11.175	200	15103	4.393	ng		99
71) Phenanthrene	11.510	178	113784	5.511	ng		99
72) Anthracene	11.563	178	110778	5.335	ng		100
73) Carbazole	11.710	167	99235	5.335	ng		100
74) Di-n-butylphthalate	12.051	149	71352	4.179	ng		99
75) Fluoranthene	12.704	202	99884	5.320	ng		100
78) Pyrene	12.927	202	107389	5.436	ng		99
80) Butylbenzylphthalate	13.545	149	9546	5.646	ng		92
81) Benzo(a)anthracene	14.116	228	68990	4.863	ng		99
83) Chrysene	14.151	228	68451	5.239	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	14537	5.667	ng		100
87) Indeno(1,2,3-cd)pyrene	17.162	276	58565	4.521	ng		98
88) Benzo(b)fluoranthene	15.186	252	46276	4.607	ng		98
89) Benzo(k)fluoranthene	15.215	252	51177	5.340	ng		99
90) Benzo(a)pyrene	15.568	252	43046	4.531	ng		97
91) Dibenzo(a,h)anthracene	17.186	278	48506	4.581	ng		97
92) Benzo(g,h,i)perylene	17.627	276	49989	4.631	ng		98

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

ICAL Form

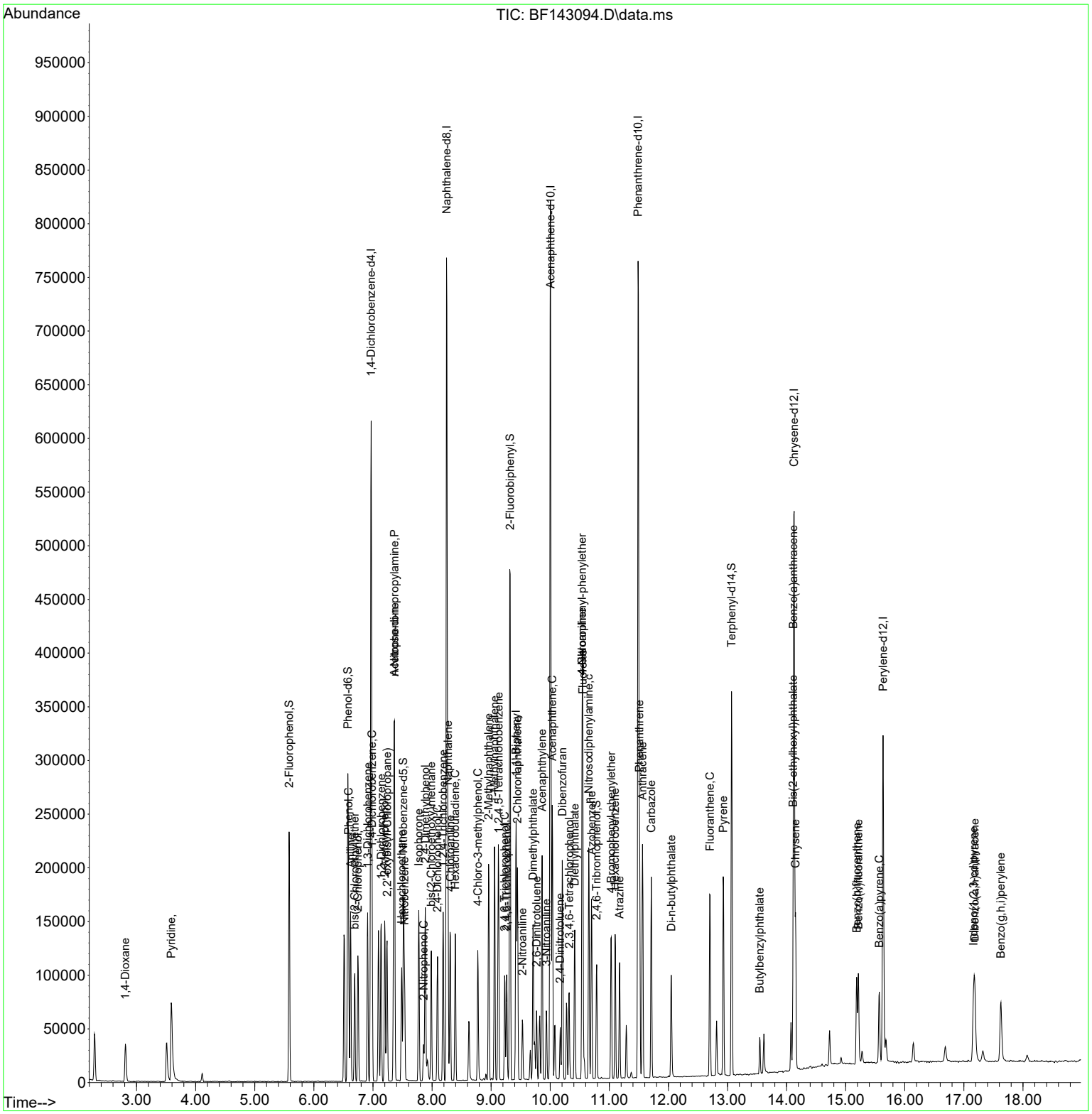
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143094.D
Acq On : 15 Jul 2025 13:35
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

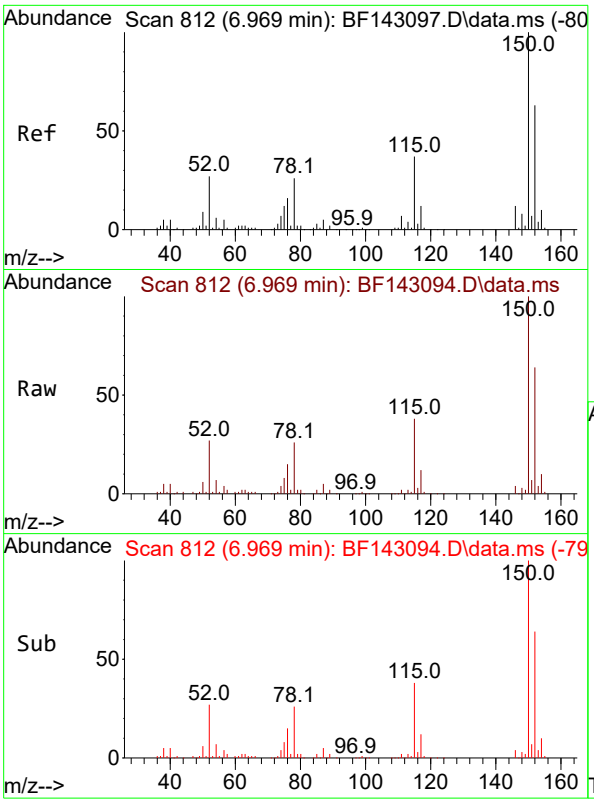
Quant Time: Jul 15 17:37:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

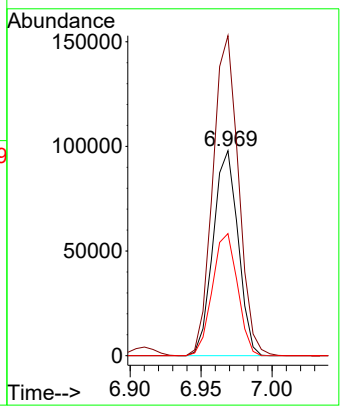




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:152 Resp: 11952

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.5	189.7
115	59.5	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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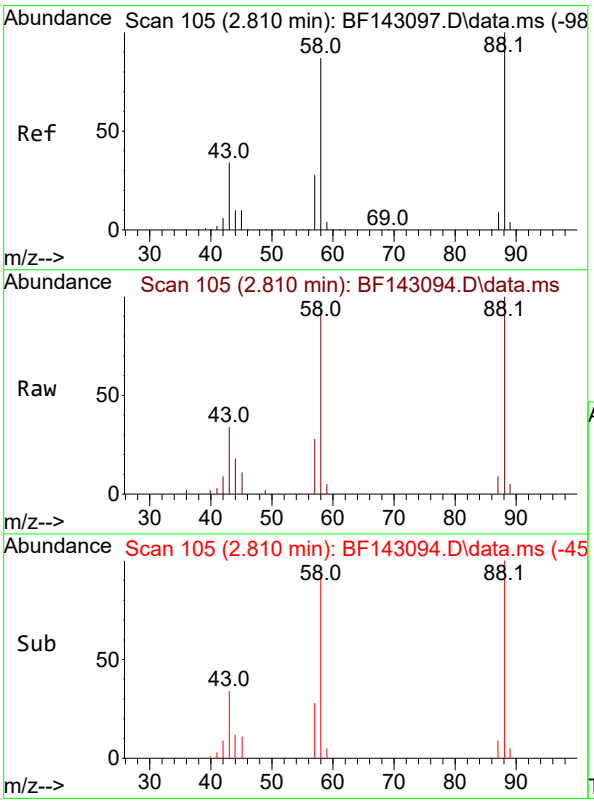
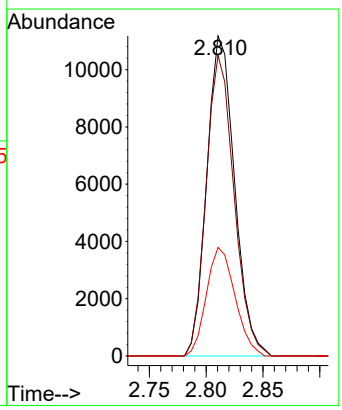
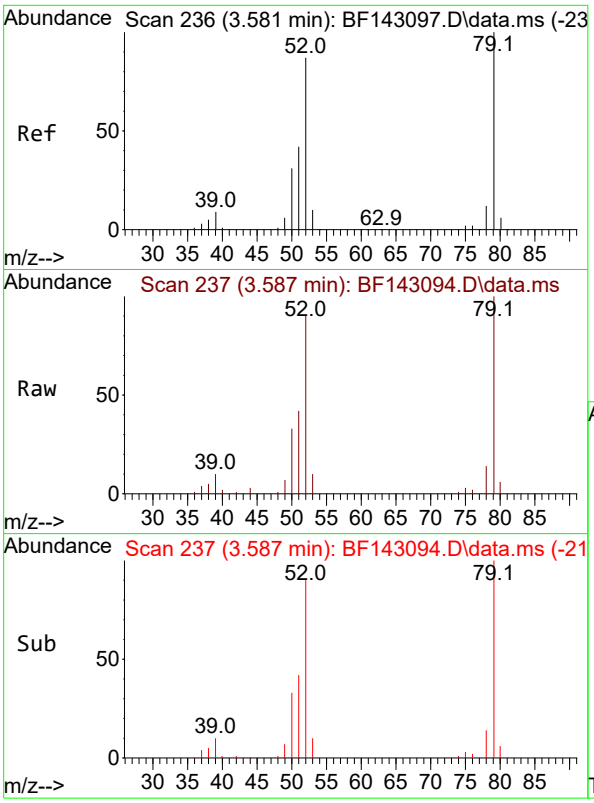


#2
1,4-Dioxane
Concen: 5.052 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 88 Resp: 19027

Ion	Ratio	Lower	Upper
88	100		
58	94.1	70.5	105.7
43	34.9	27.3	40.9

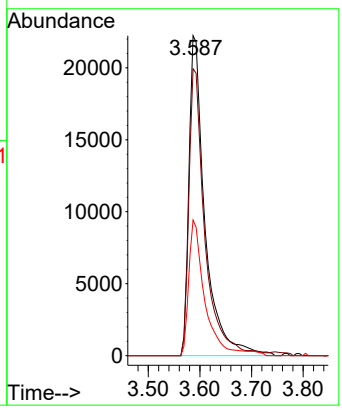




#3
Pyridine
Concen: 5.034 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 79 Resp: 4800

Ion	Ratio	Lower	Upper
79	100		
52	89.6	69.2	103.8
51	42.3	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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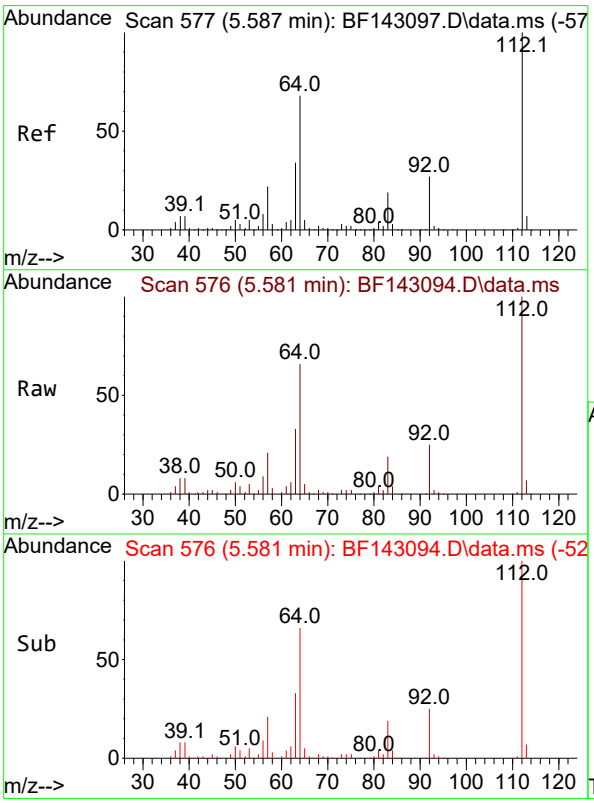
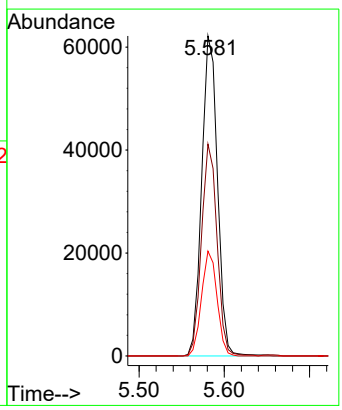
Supervised By :Jagrut Upadhyay 07/16/2025

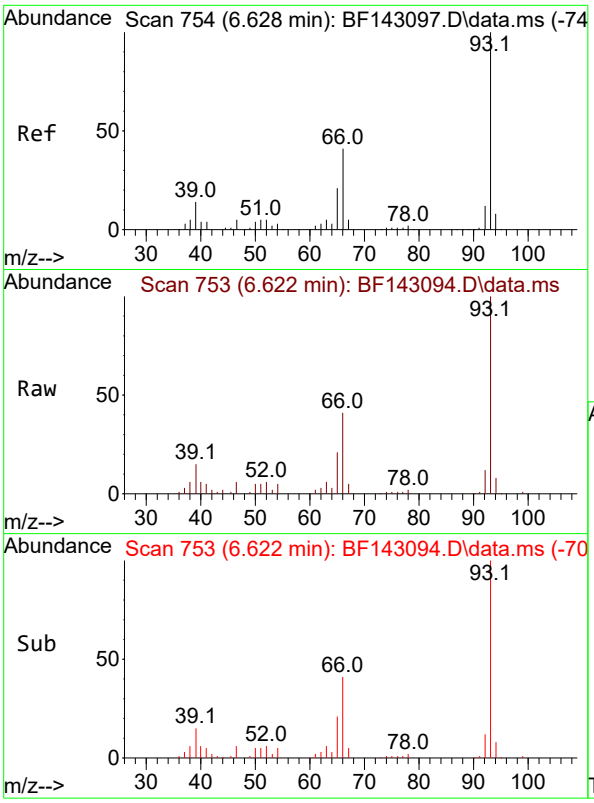


#5
2-Fluorophenol
Concen: 10.540 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:112 Resp: 79738

Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.6	82.0
63	32.8	27.3	40.9

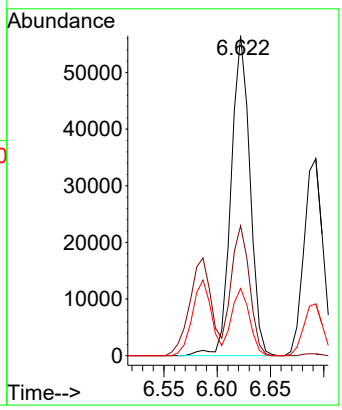




#6
Aniline
Concen: 5.198 ng
RT: 6.622 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 93 Resp: 6961

Ion	Ratio	Lower	Upper
93	100		
66	40.6	33.1	49.7
65	21.0	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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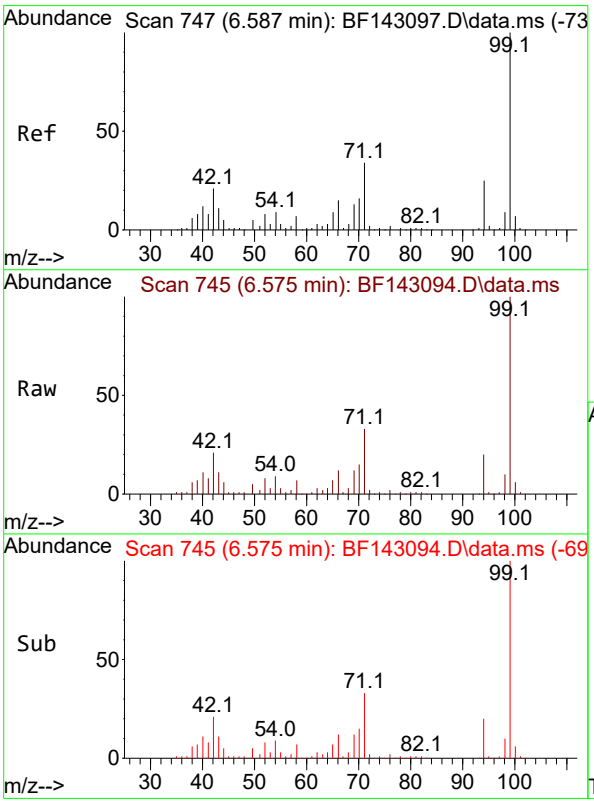
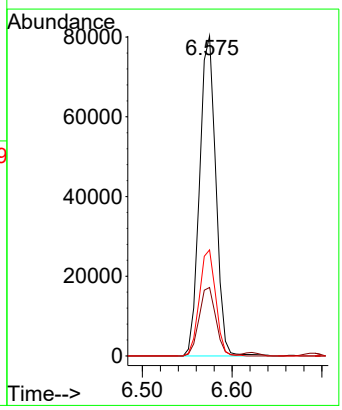
Supervised By :Jagrut Upadhyay 07/16/2025

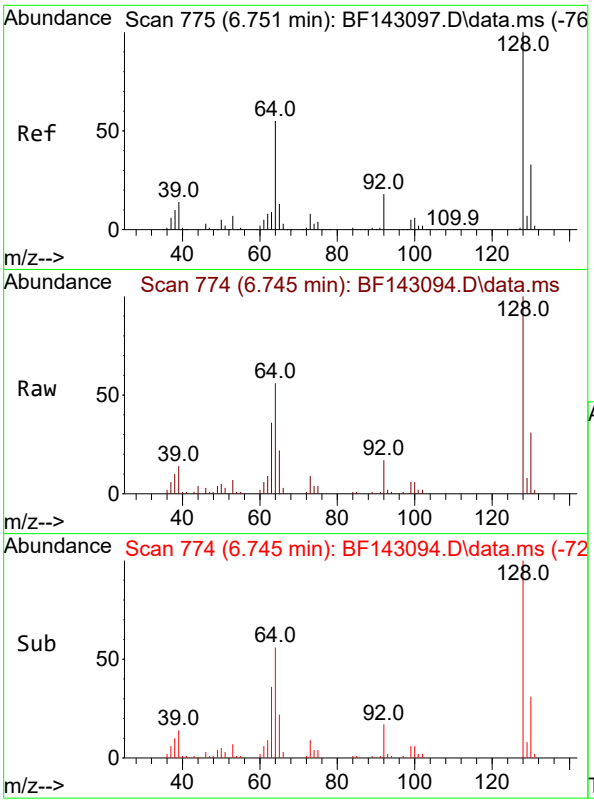


#7
Phenol-d6
Concen: 10.590 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 99 Resp: 100706

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	33.2	27.4	41.0

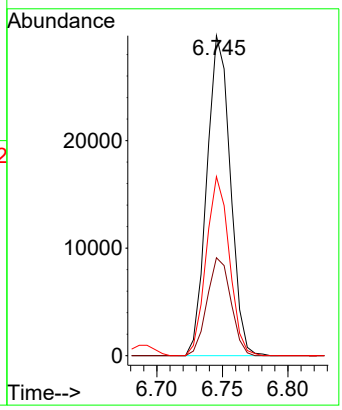




#8
2-Chlorophenol
Concen: 4.871 ng
RT: 6.745 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:128 Resp: 3702

Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.8	52.8
64	55.9	36.1	76.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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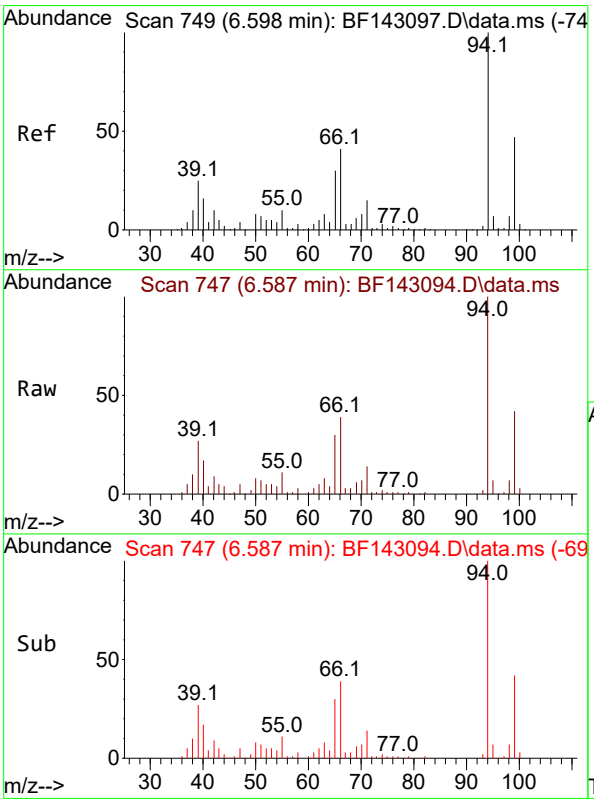
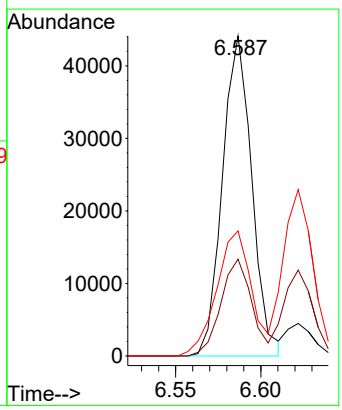
Supervised By :Jagrut Upadhyay 07/16/2025

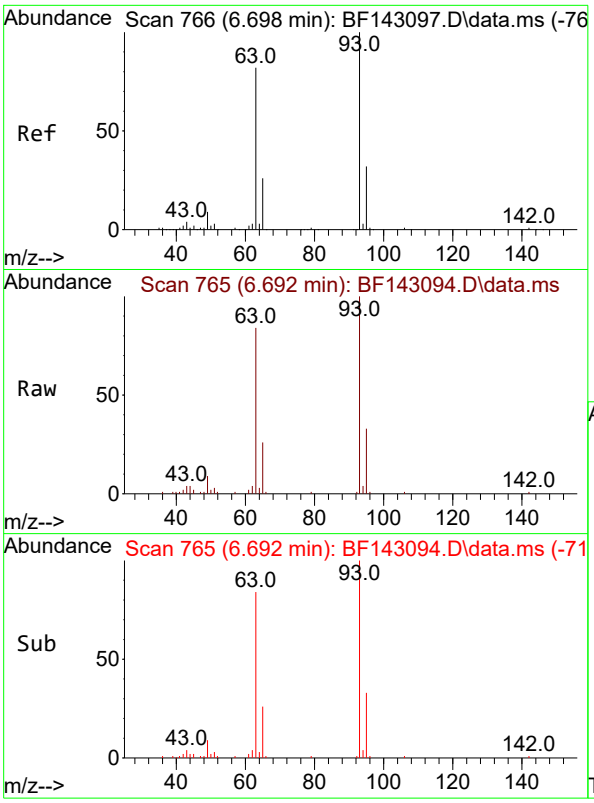


#10
Phenol
Concen: 5.127 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 94 Resp: 52784

Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.8	49.8
66	39.1	20.5	60.5

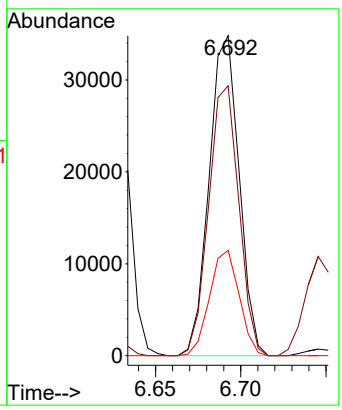




#11
bis(2-Chloroethyl)ether
Concen: 5.342 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 93 Resp: 4257

Ion	Ratio	Lower	Upper
93	100		
63	84.4	61.9	101.9
95	32.9	12.2	52.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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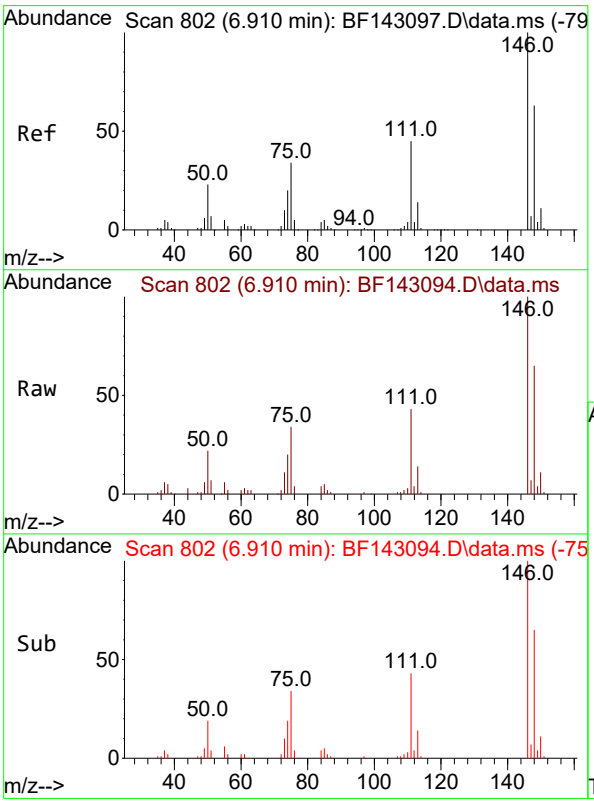
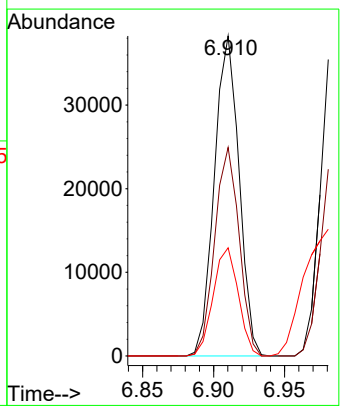
Supervised By :Jagrut Upadhyay 07/16/2025

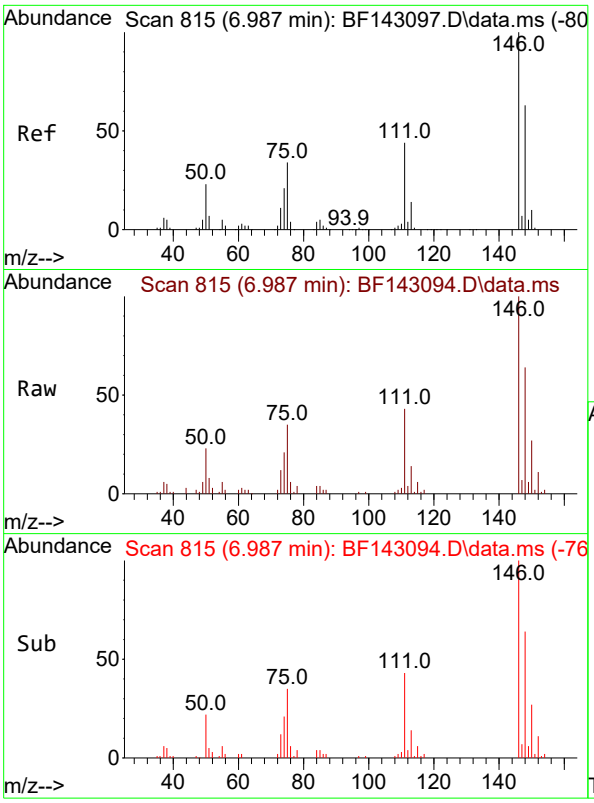


#12
1,3-Dichlorobenzene
Concen: 5.382 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:146 Resp: 46218

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.1	75.1
75	33.8	27.4	41.0

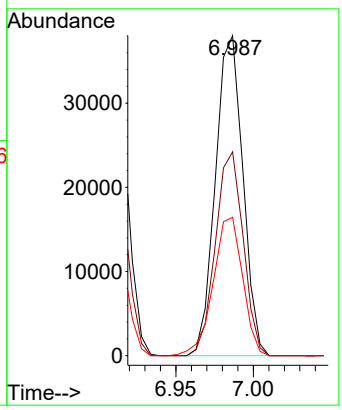




#13
1,4-Dichlorobenzene
Concen: 5.431 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:146 Resp: 4691

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	43.3	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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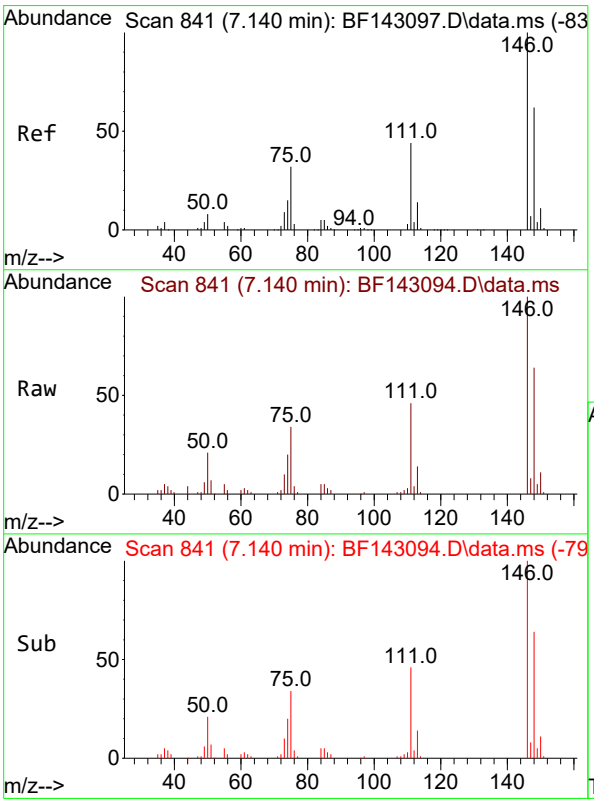
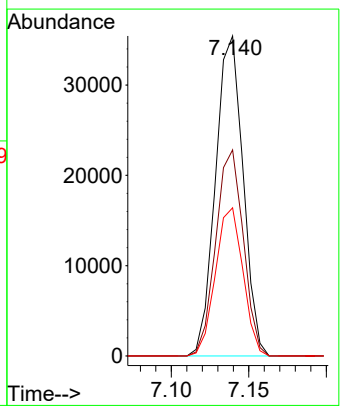
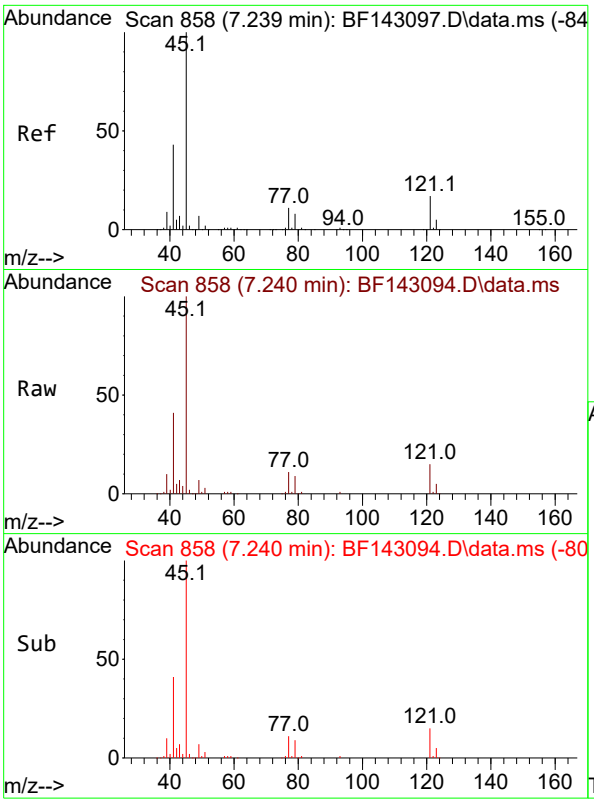


#14
1,2-Dichlorobenzene
Concen: 5.323 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:146 Resp: 43854

Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.6
111	46.3	35.4	53.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.518 ng
RT: 7.240 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 45 Resp: 8106

Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	31.1
79	8.8	0.0	28.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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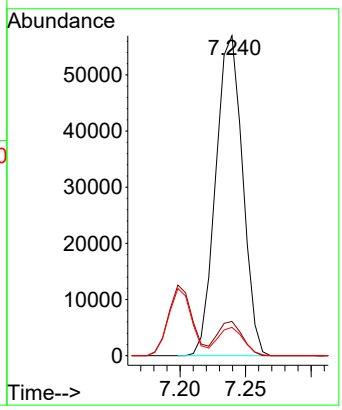
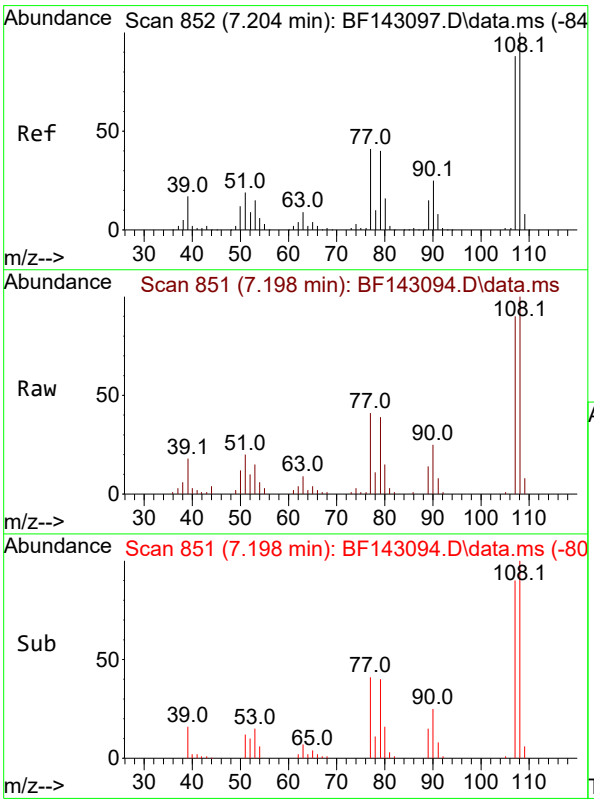
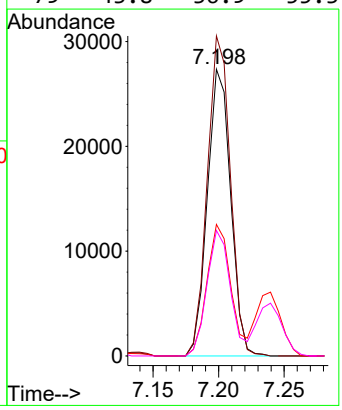


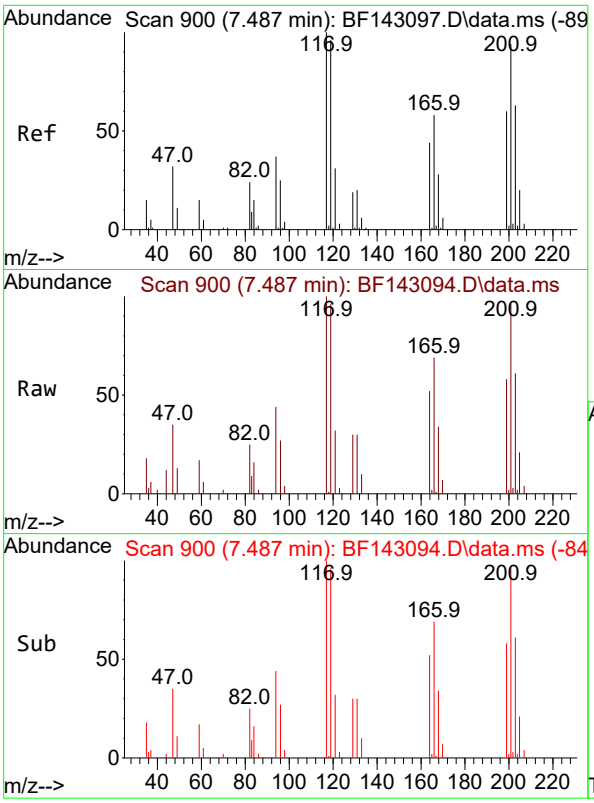


#17
2-Methylphenol
Concen: 5.158 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:107 Resp: 33834

Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.9	136.3
77	45.9	37.5	56.3
79	43.8	36.9	55.3

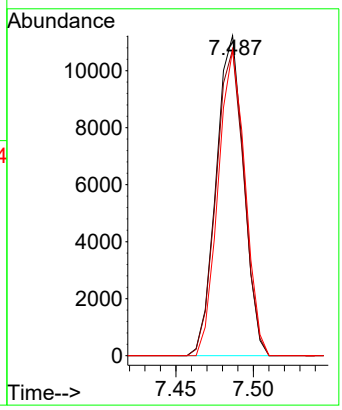




#18
Hexachloroethane
Concen: 4.938 ng
RT: 7.487 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:117 Resp: 1388

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1
201	95.6	75.0	112.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
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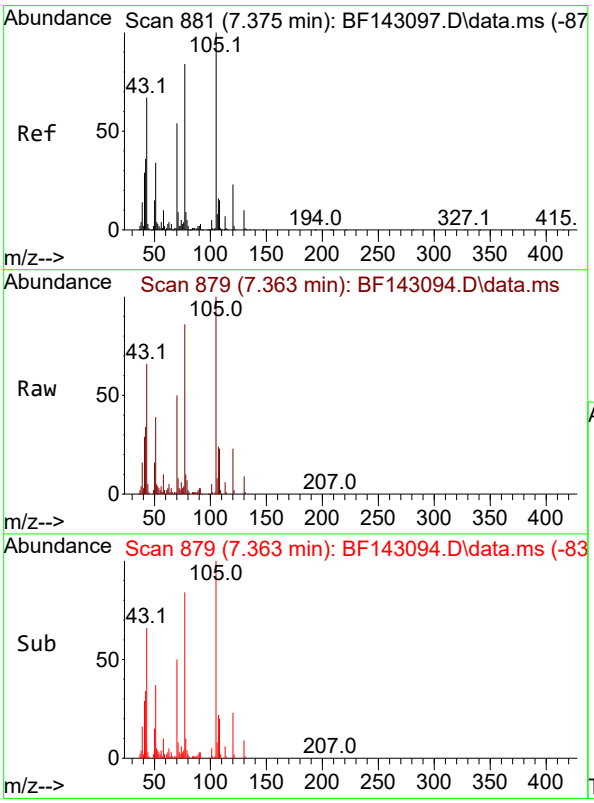
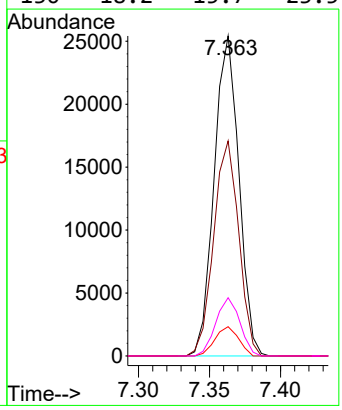
Supervised By :Jagrut Upadhyay 07/16/2025

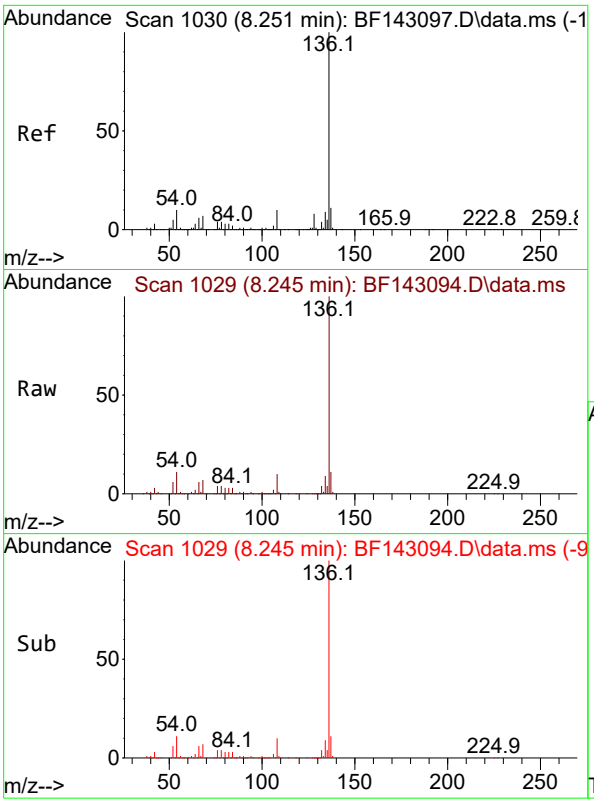


#19
n-Nitroso-di-n-propylamine
Concen: 5.277 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 70 Resp: 30747

Ion	Ratio	Lower	Upper
70	100		
42	67.2	53.2	79.8
101	9.1	7.5	11.3
130	18.2	15.7	23.5

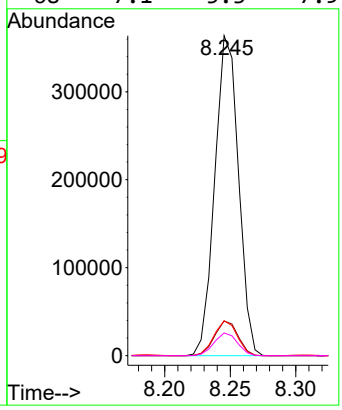




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:136 Resp: 45644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.9	8.3	12.5
68	7.1	5.3	7.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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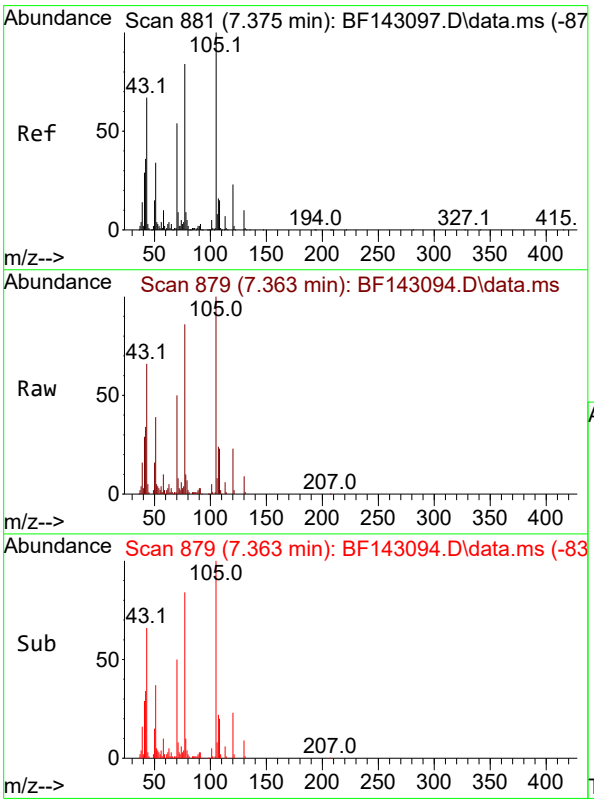
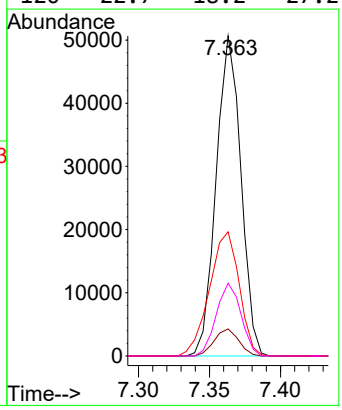
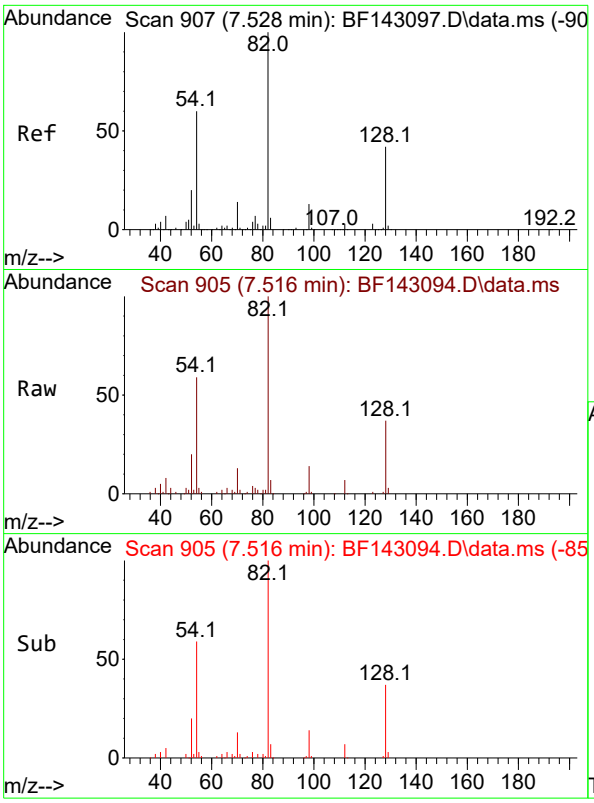


#22
Acetophenone
Concen: 5.580 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:105 Resp: 61393

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.2	10.8
51	38.8	27.0	40.4
120	22.7	18.2	27.2

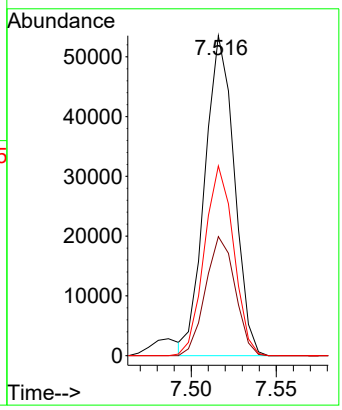




#23
Nitrobenzene-d5
Concen: 7.927 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 82 Resp: 6450

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.3	49.9
54	59.3	47.4	71.2



Instrument :
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ClientSampleId :
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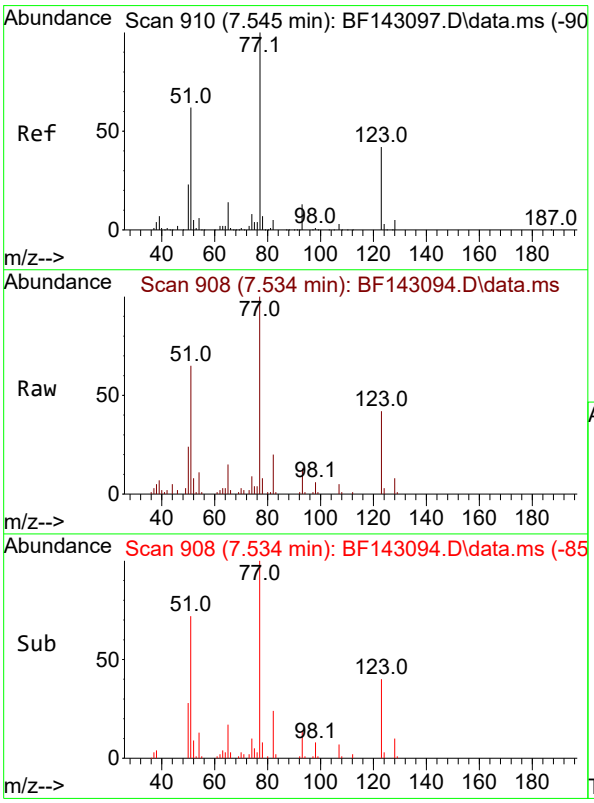
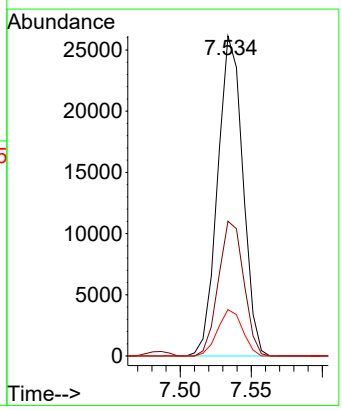
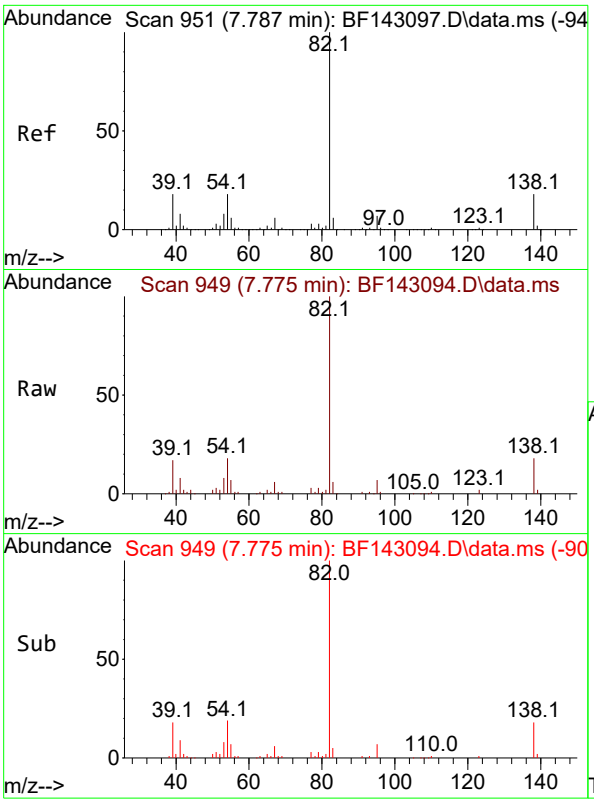


#24
Nitrobenzene
Concen: 4.100 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 77 Resp: 32206

Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.5	51.7
65	14.5	11.3	16.9

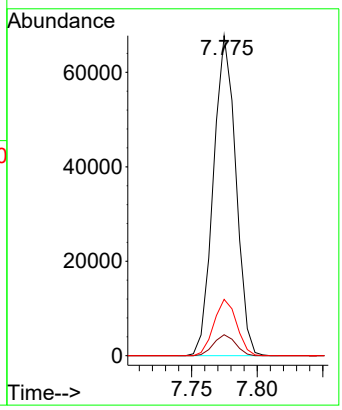




#25
Isophorone
Concen: 5.118 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 82 Resp: 8049

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.6	14.3	21.5



Instrument :
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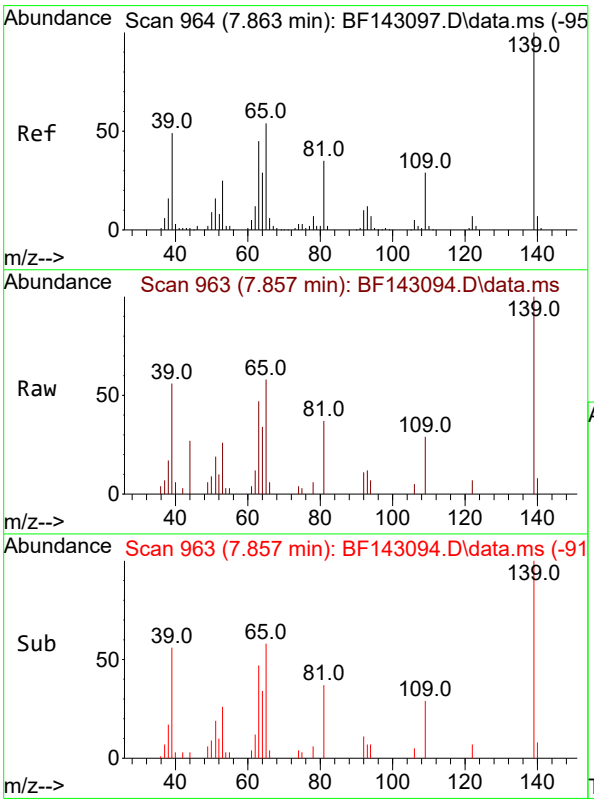
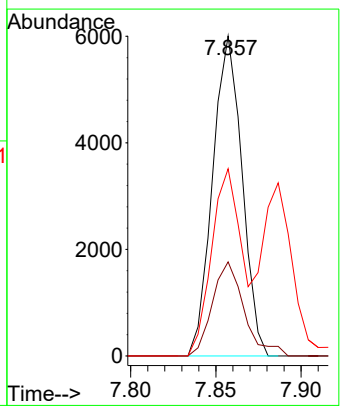
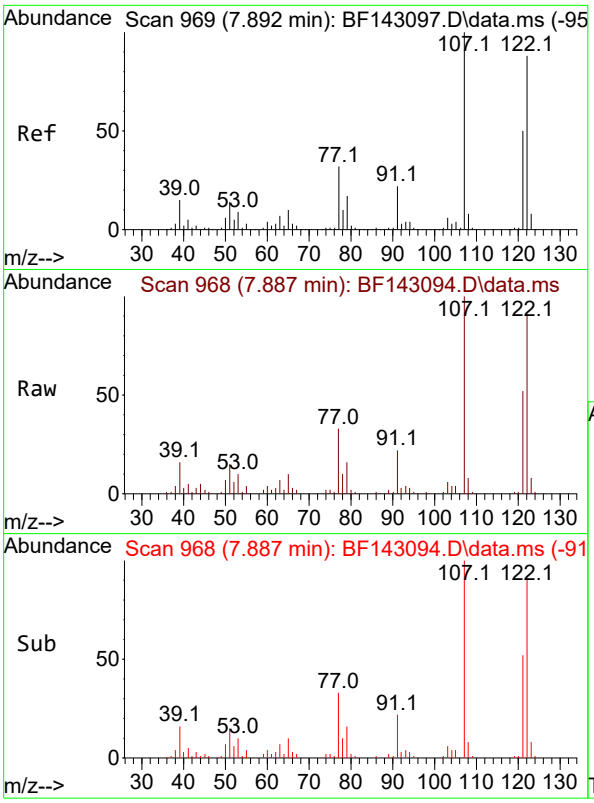


#26
2-Nitrophenol
Concen: 6.037 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:139 Resp: 7204

Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.4	35.0
65	58.5	43.4	65.2

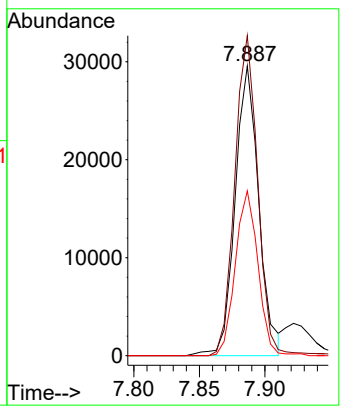




#27
2,4-Dimethylphenol
Concen: 5.082 ng
RT: 7.887 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:122 Resp: 3709

Ion	Ratio	Lower	Upper
122	100		
107	110.4	91.3	136.9
121	56.9	45.5	68.3



Instrument :
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ClientSampleId :
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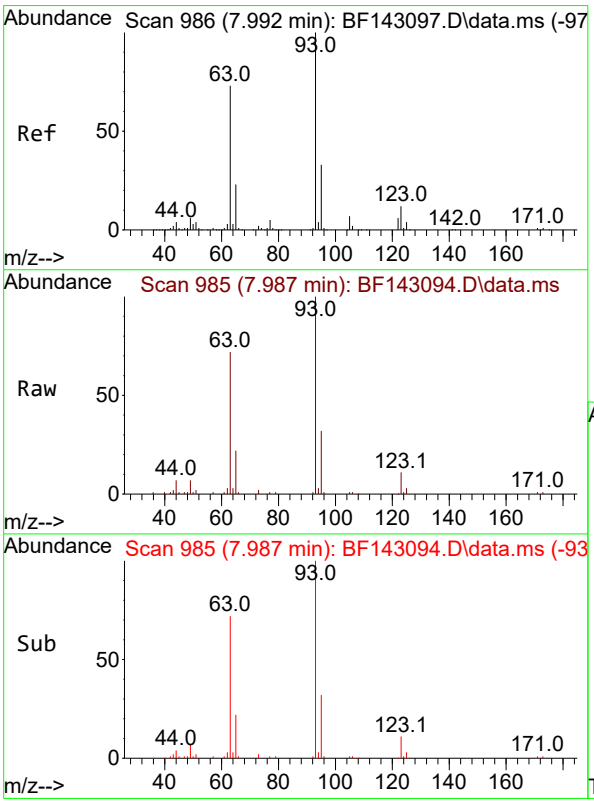
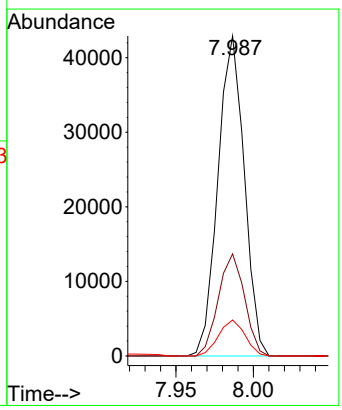
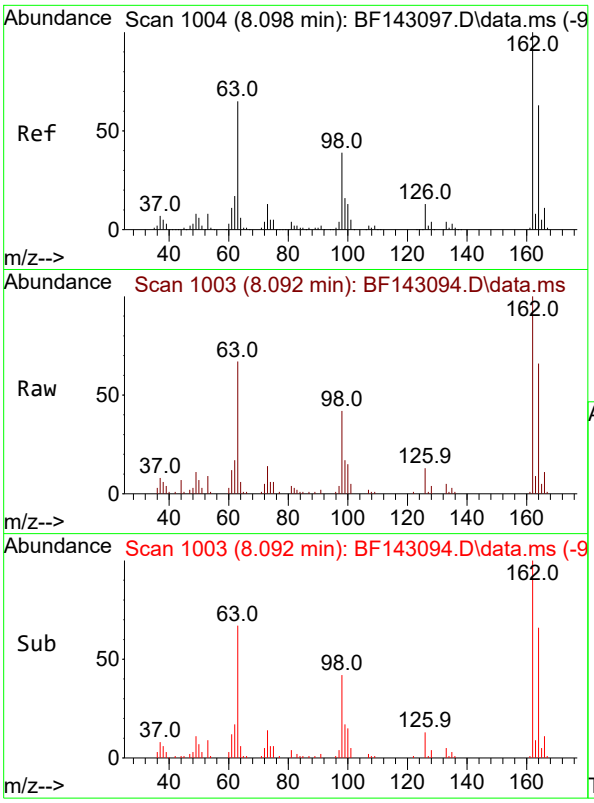


#28
bis(2-Chloroethoxy)methane
Concen: 5.310 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 93 Resp: 50637

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	11.2	9.6	14.4

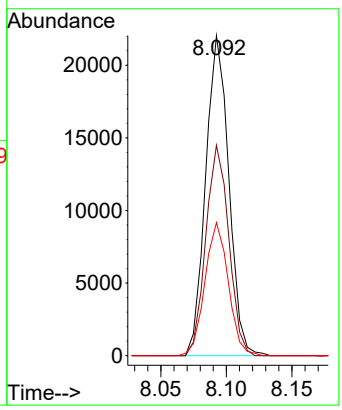




#29
2,4-Dichlorophenol
Concen: 4.529 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:162 Resp: 2704

Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.1	83.1
98	41.6	19.2	59.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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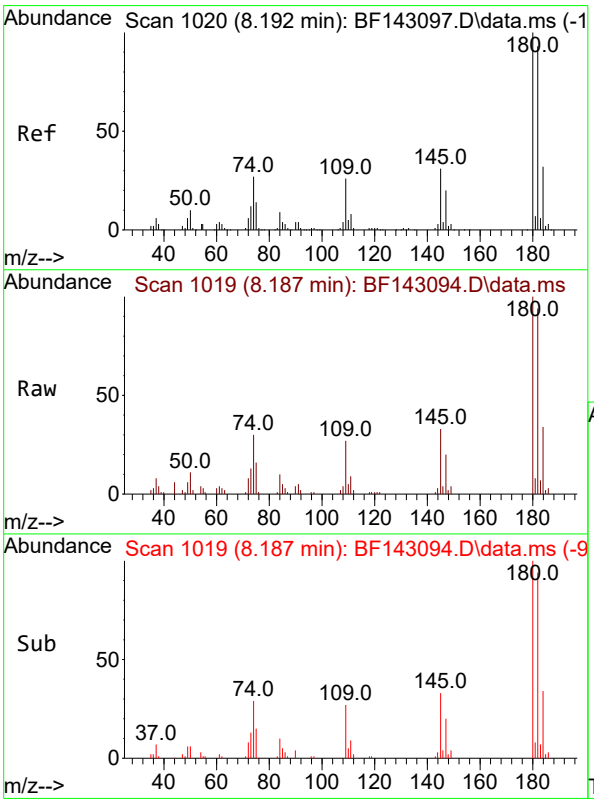
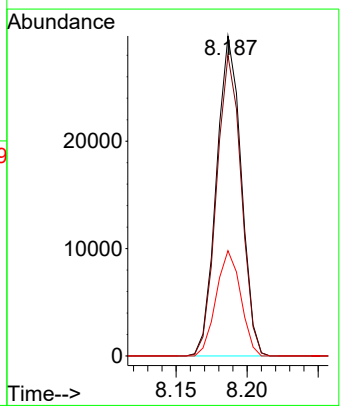
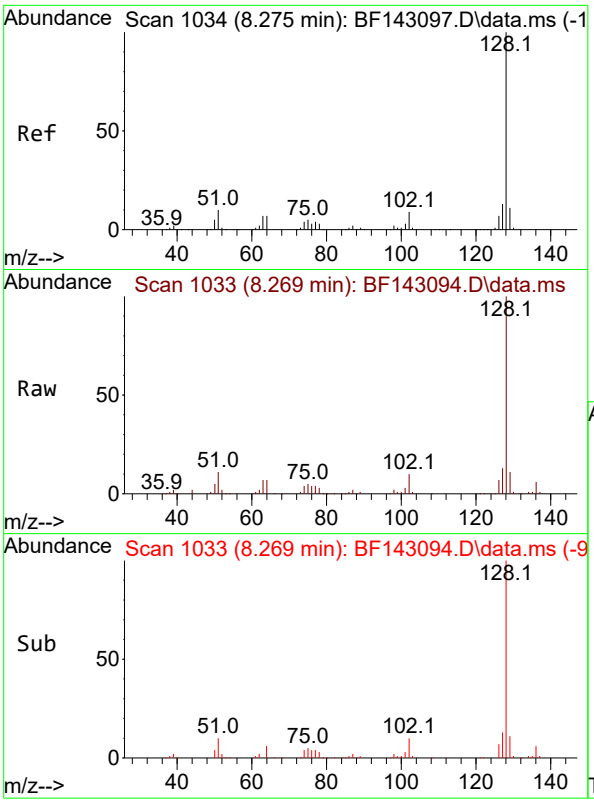


#30
1,2,4-Trichlorobenzene
Concen: 5.315 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:180 Resp: 36023

Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.7	112.1
145	32.9	24.5	36.7

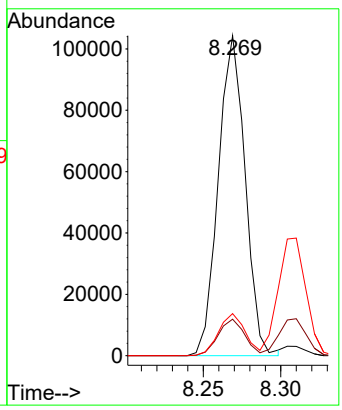




#31
Naphthalene
Concen: 5.535 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:128 Resp: 12546

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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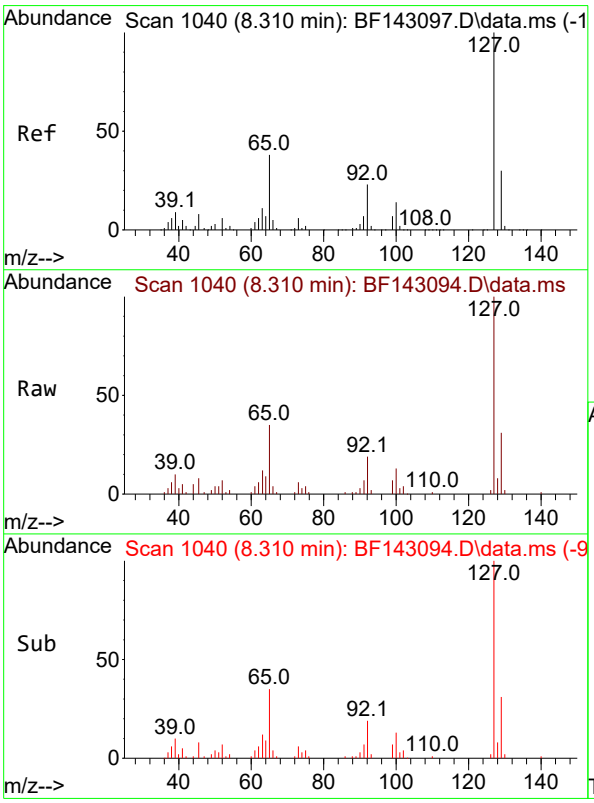
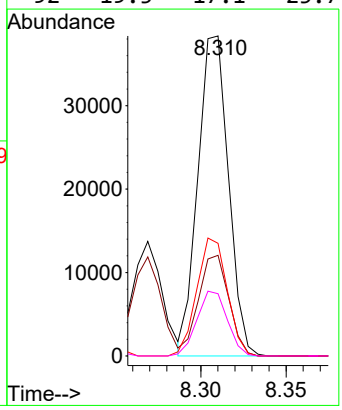
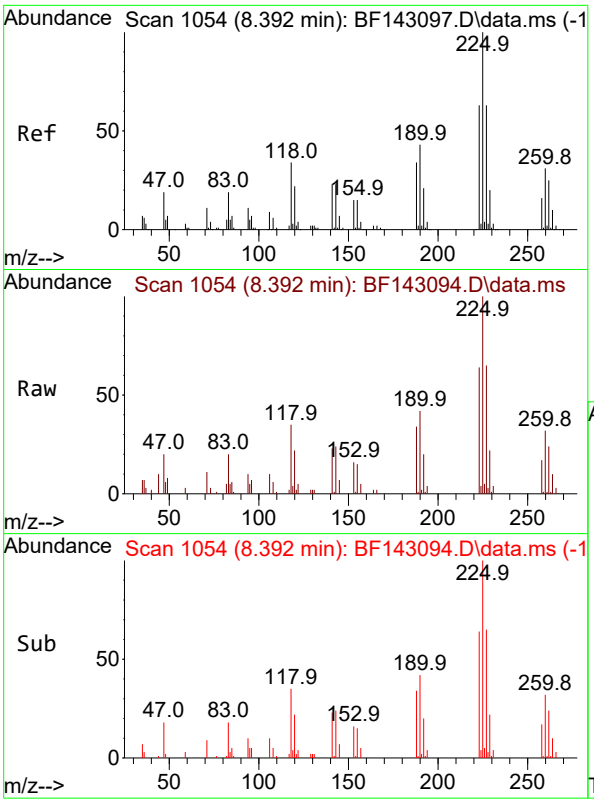


#33
4-Chloroaniline
Concen: 5.260 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:127 Resp: 47947

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	35.2	28.6	42.8
92	19.5	17.1	25.7





#34
Hexachlorobutadiene
Concen: 5.207 ng
RT: 8.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 2110

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.3	75.5
227	64.8	50.1	75.1

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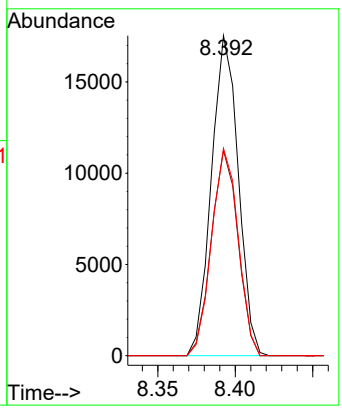
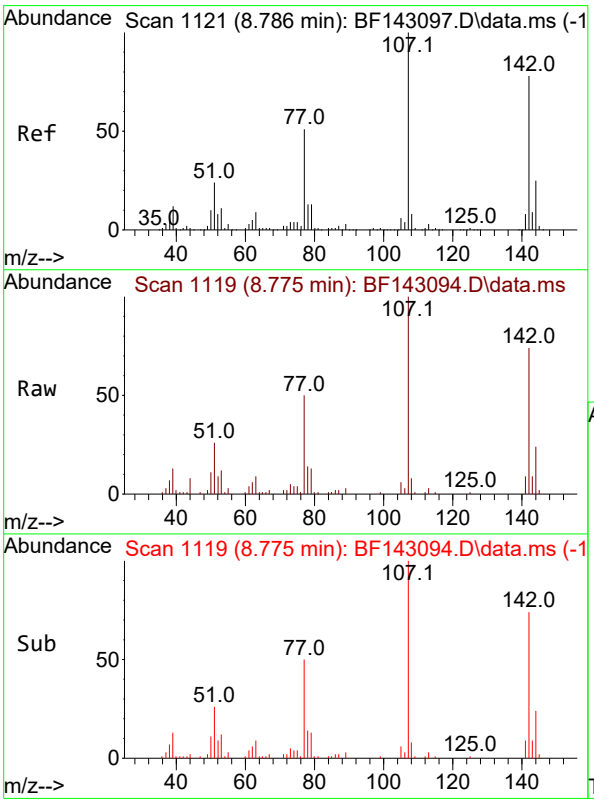
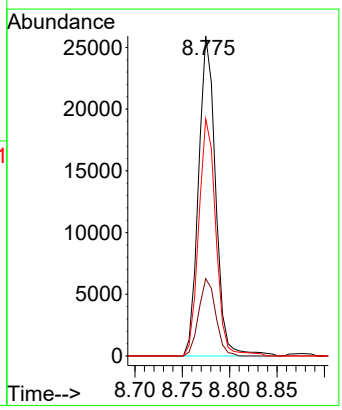


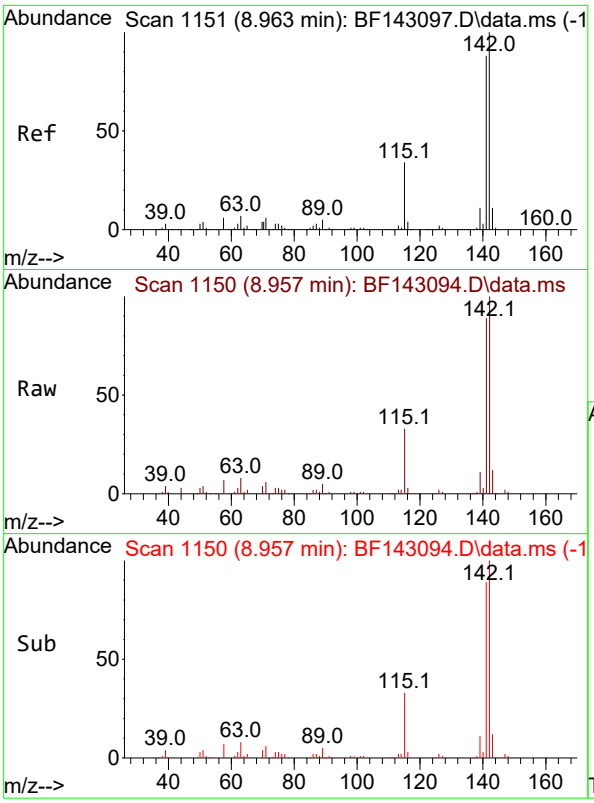


#36
4-Chloro-3-methylphenol
Concen: 4.892 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:107 Resp: 32542

Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.2	30.2
142	74.1	62.4	93.6





#37
2-Methylnaphthalene
Concen: 5.436 ng
RT: 8.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:142 Resp: 7351

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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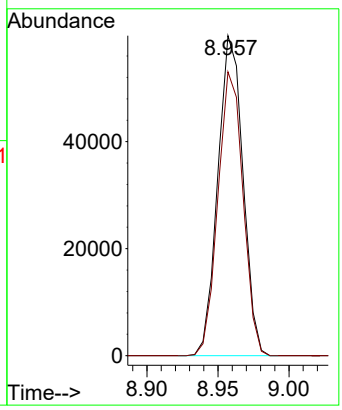
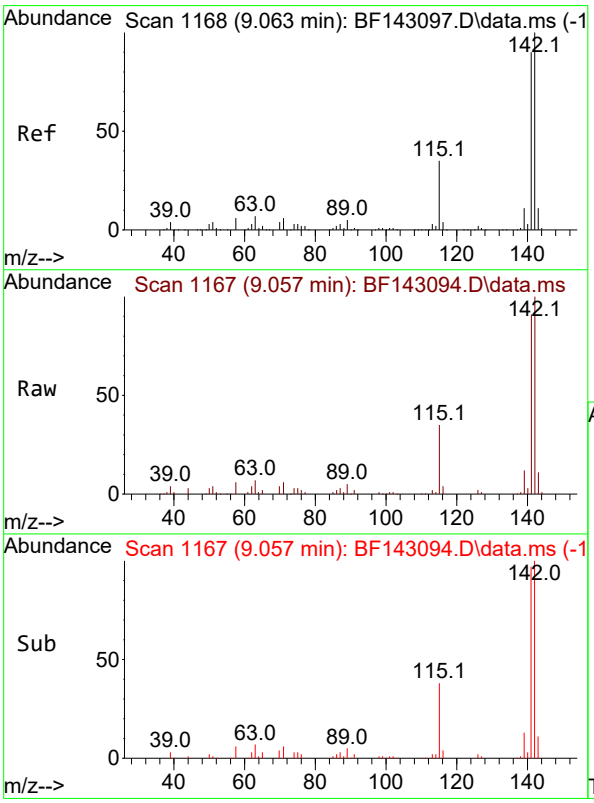
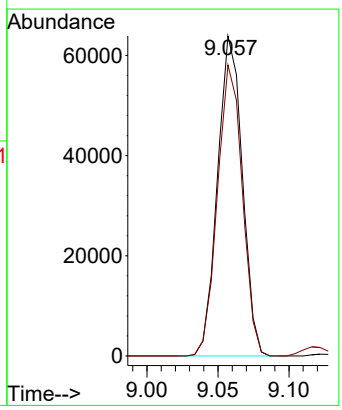


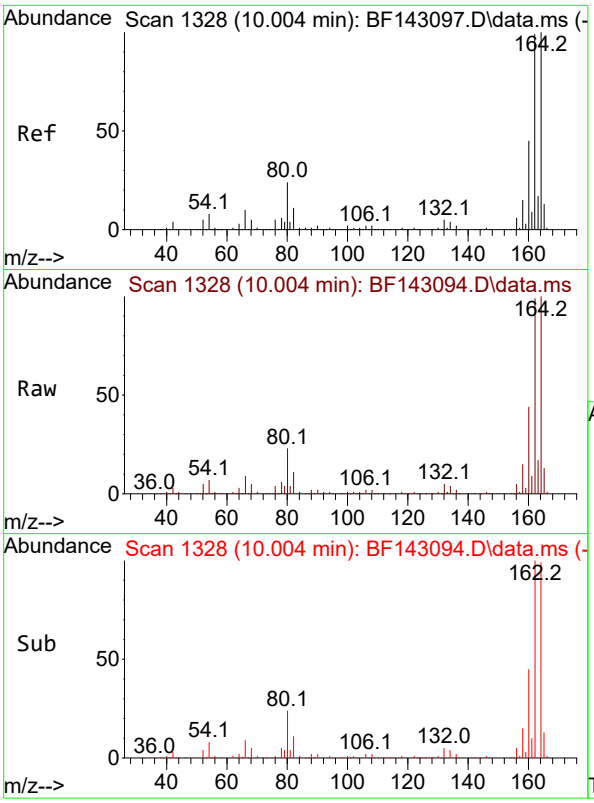


#38
1-Methylnaphthalene
Concen: 5.518 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:142 Resp: 77390

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.4

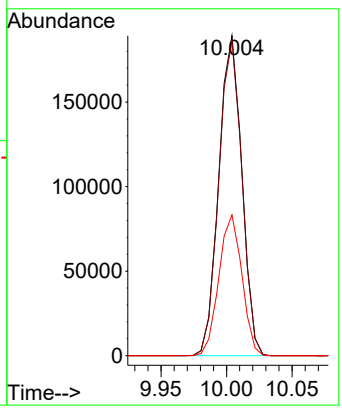




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:164 Resp: 23097

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.0	118.6
160	44.0	35.8	53.6



Instrument :
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ClientSampleId :
SSTDICC005

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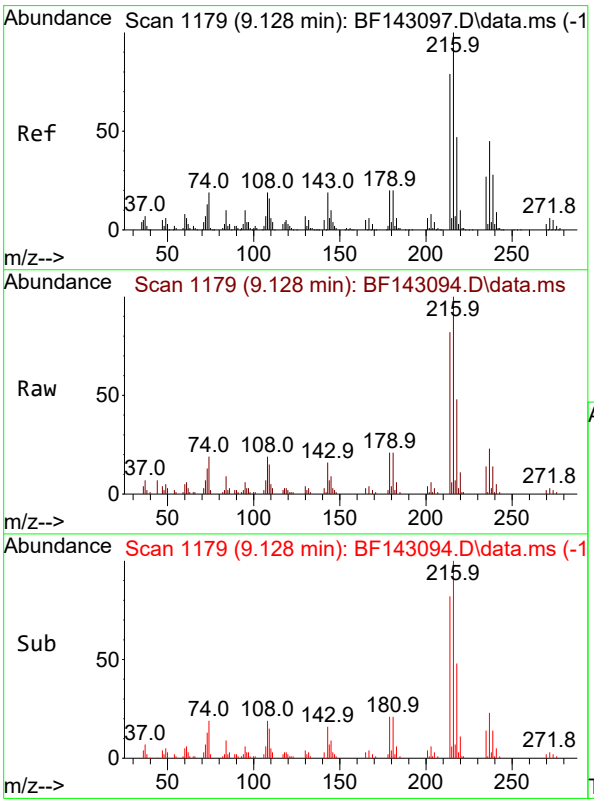
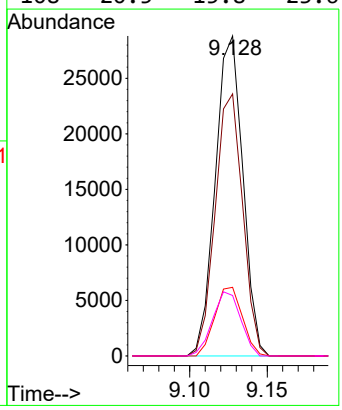
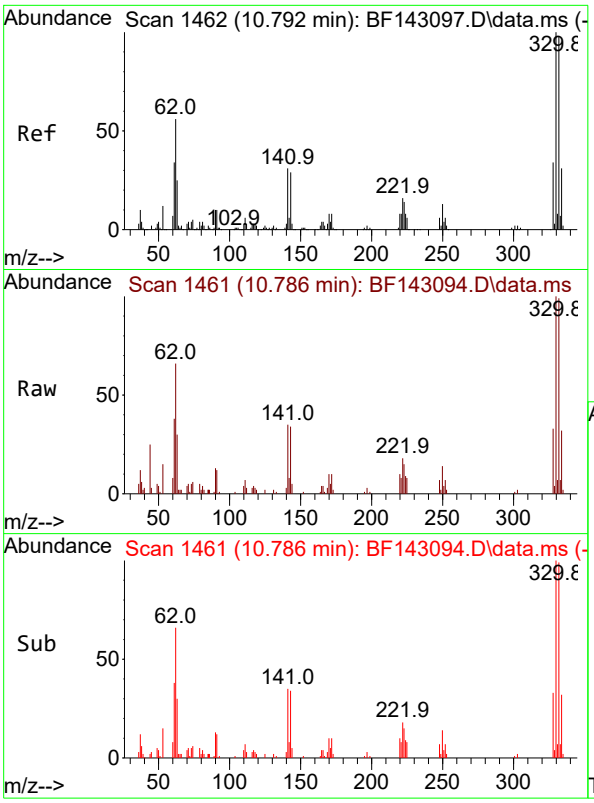


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.286 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:216 Resp: 35579

Ion	Ratio	Lower	Upper
216	100		
214	81.8	62.6	94.0
179	21.6	16.2	24.2
108	20.5	15.8	23.6





#42
2,4,6-Tribromophenol
Concen: 7.625 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:330 Resp: 1570

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.9	116.9
141	35.3	25.9	38.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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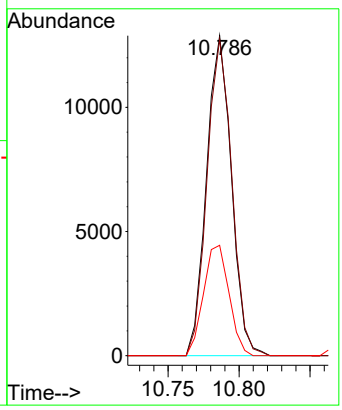
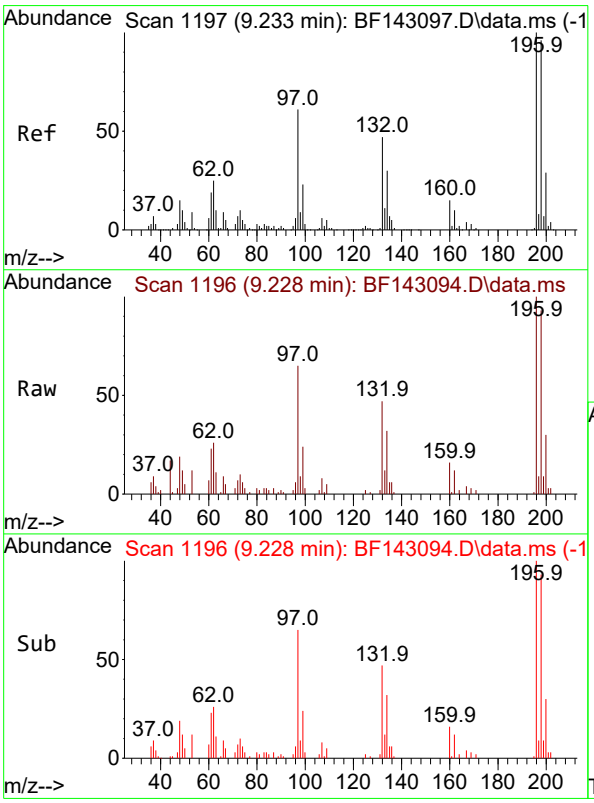
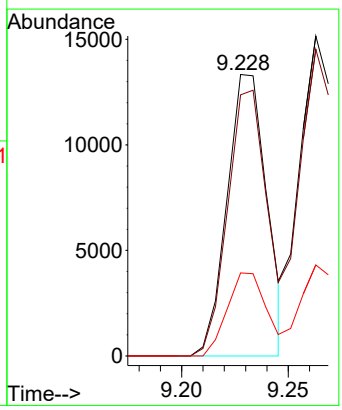


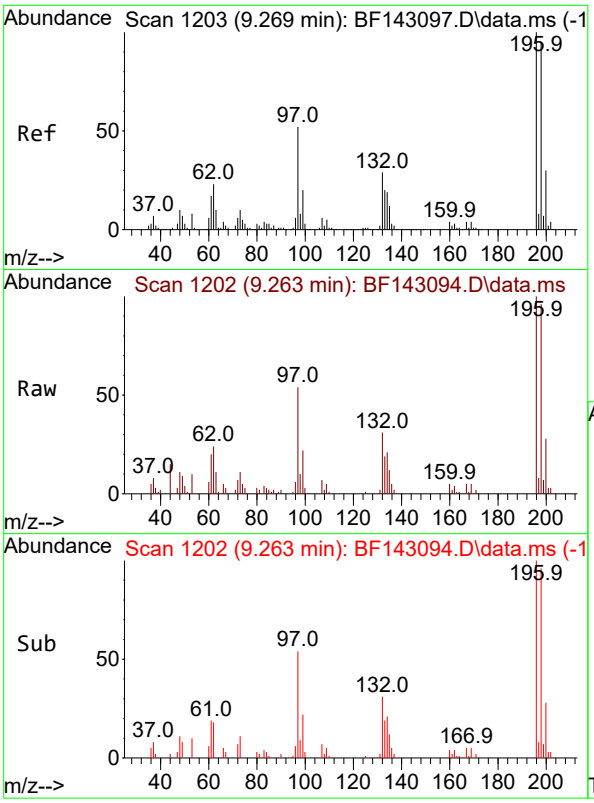


#43
2,4,6-Trichlorophenol
Concen: 4.135 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:196 Resp: 17295

Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.9	115.3
200	29.5	23.5	35.3

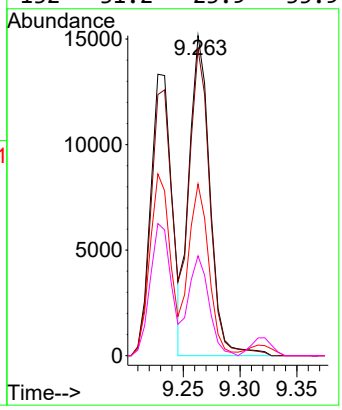




#44
2,4,5-Trichlorophenol
Concen: 4.427 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:196 Resp: 1941

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.4	114.6
97	53.7	42.4	63.6
132	31.2	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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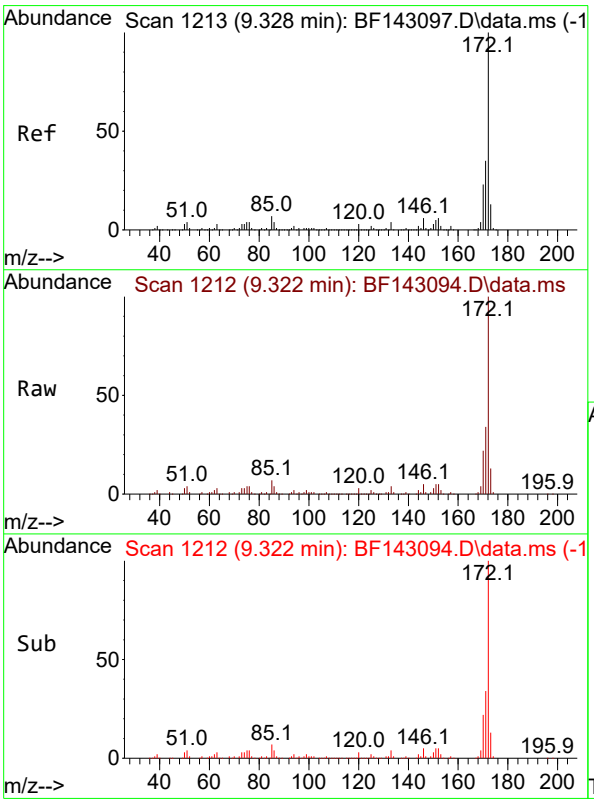
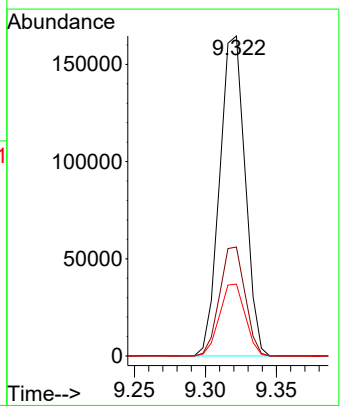
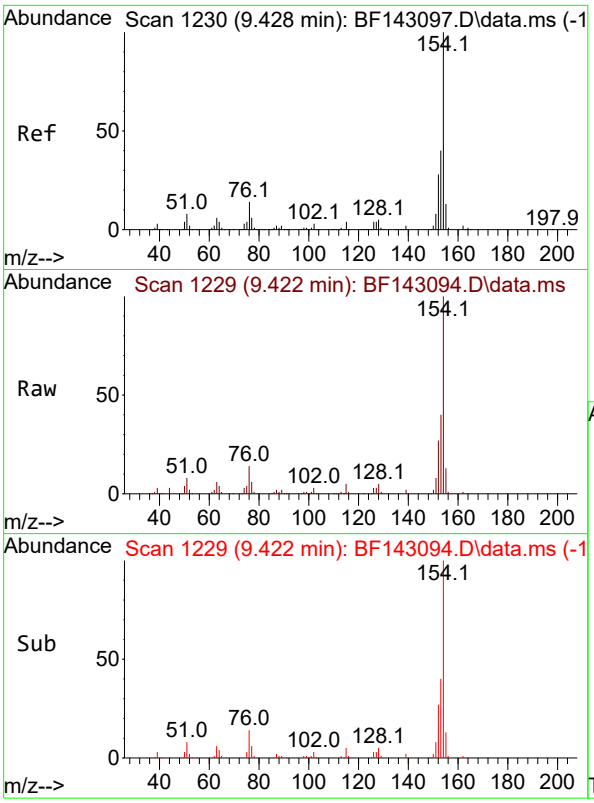


#45
2-Fluorobiphenyl
Concen: 11.814 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:172 Resp: 205273

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.4
170	22.5	18.6	28.0

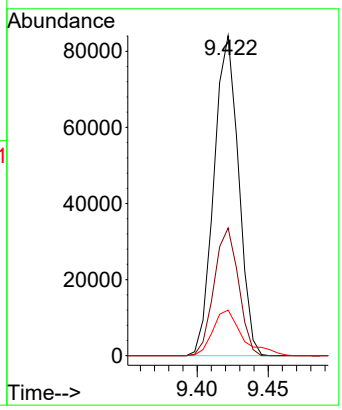




#46
1,1'-Biphenyl
Concen: 5.486 ng
RT: 9.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:154 Resp: 10105

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.1	60.1
76	14.2	0.0	33.7



Instrument :
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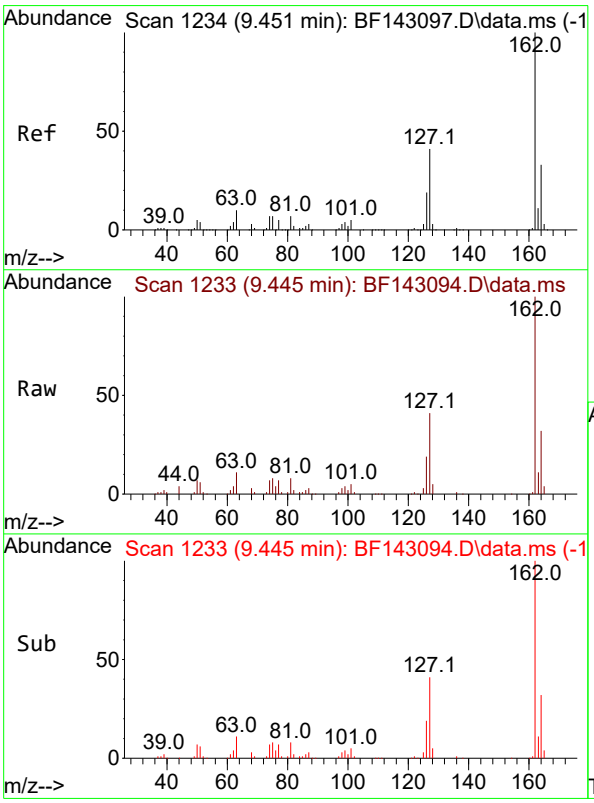
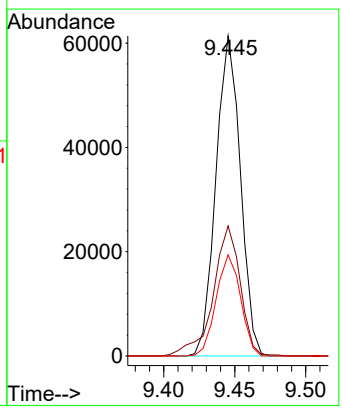
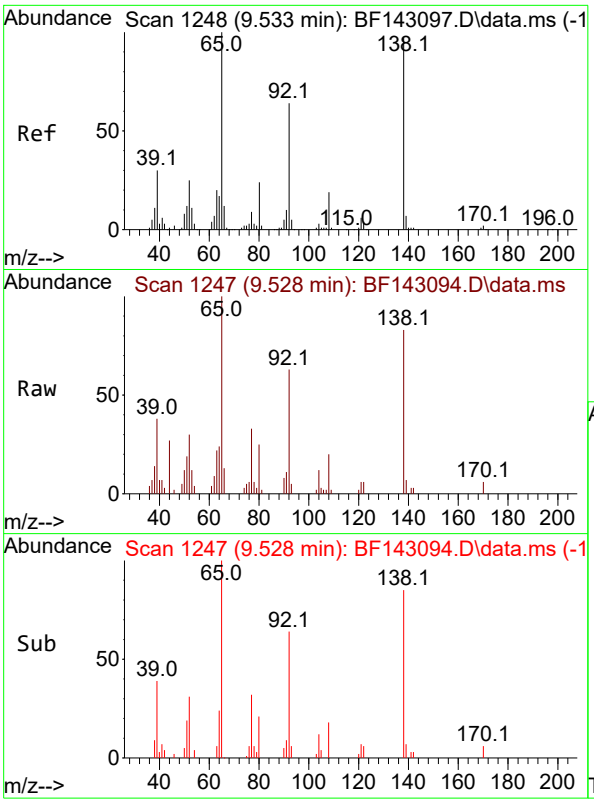


#47
2-Chloronaphthalene
Concen: 5.423 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:162 Resp: 73385

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.6
164	31.6	26.1	39.1

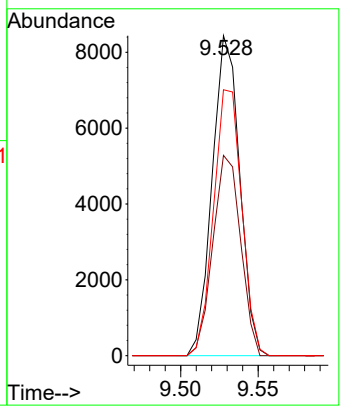




#48
2-Nitroaniline
Concen: 5.579 ng
RT: 9.528 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 65 Resp: 1039

Ion	Ratio	Lower	Upper
65	100		
92	62.6	51.3	76.9
138	83.1	77.8	116.6



Instrument :
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ClientSampleId :
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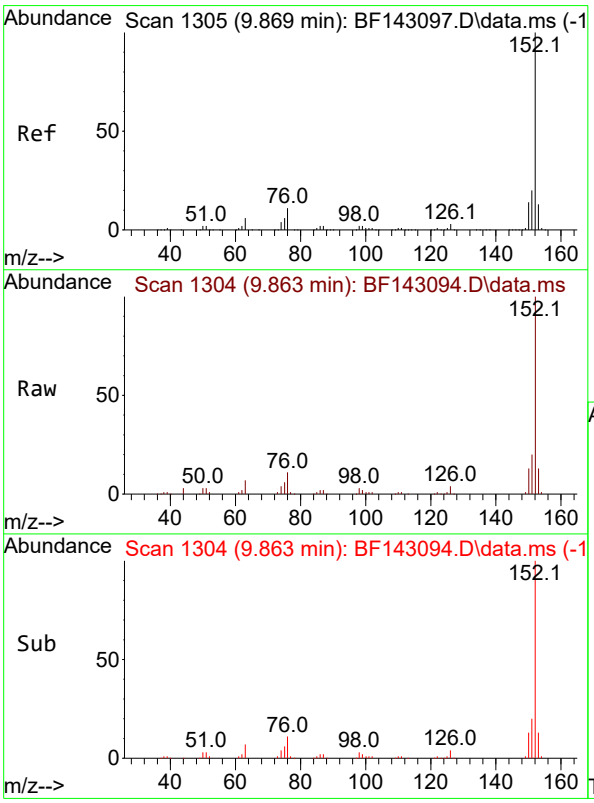
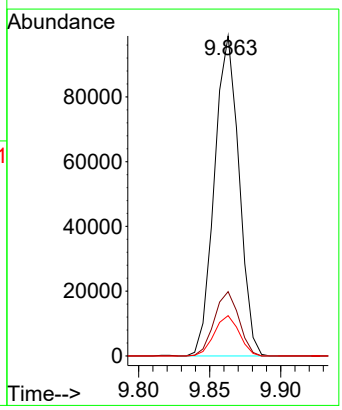
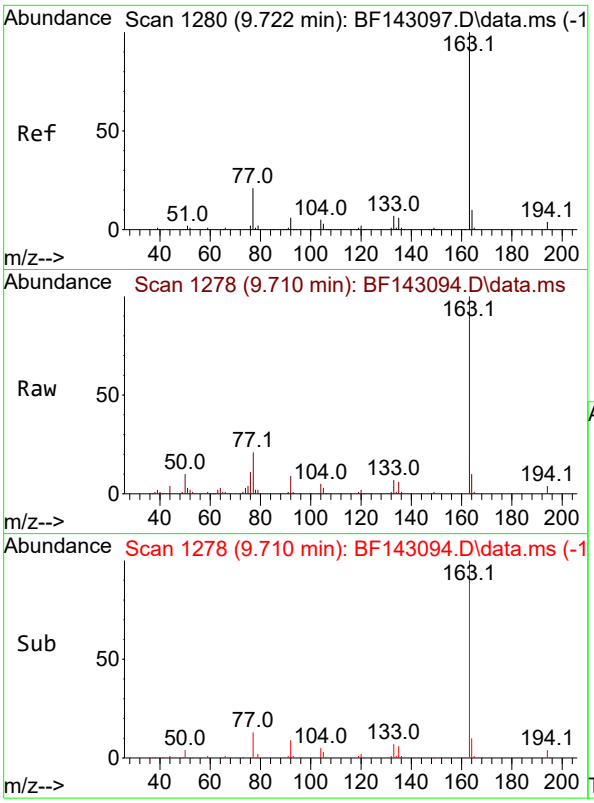


#49
Acenaphthylene
Concen: 5.276 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:152 Resp: 118965

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	12.6	10.4	15.6





#50
Dimethylphthalate
Concen: 5.207 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:163 Resp: 7565

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.1	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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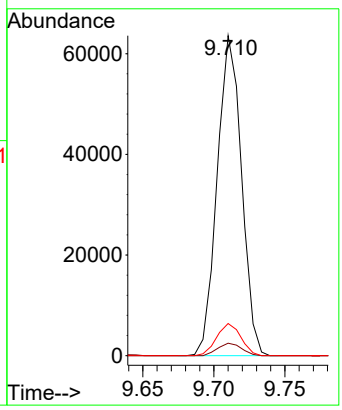
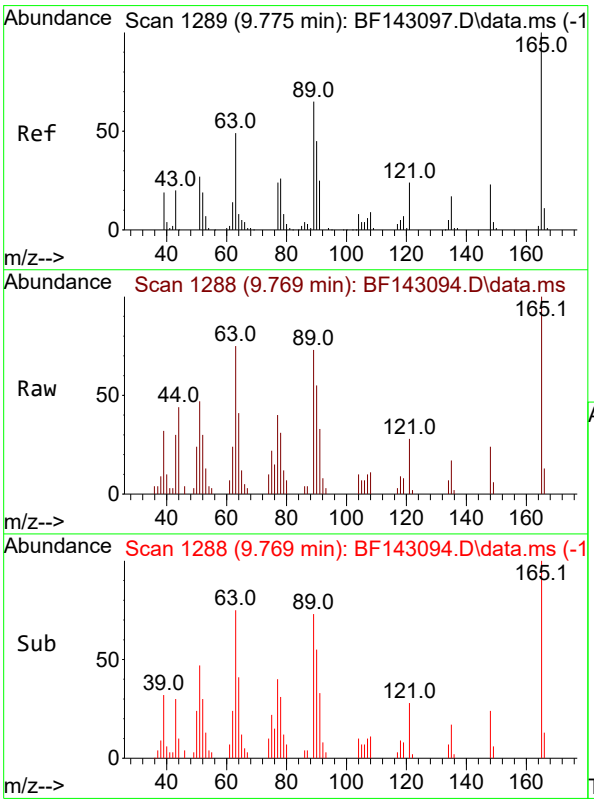
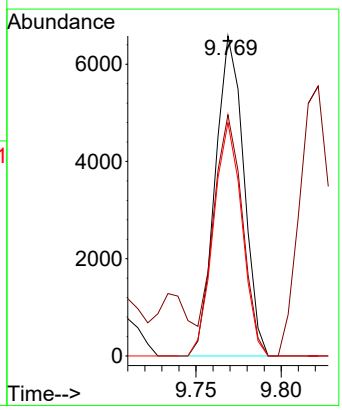


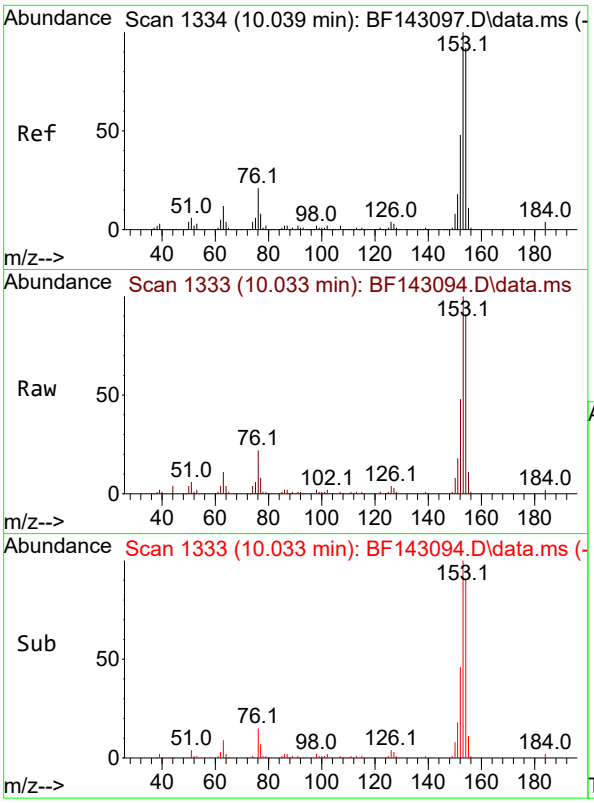


#51
2,6-Dinitrotoluene
Concen: 5.308 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:165 Resp: 7659

Ion	Ratio	Lower	Upper
165	100		
63	75.4	57.4	86.0
89	72.9	51.8	77.8

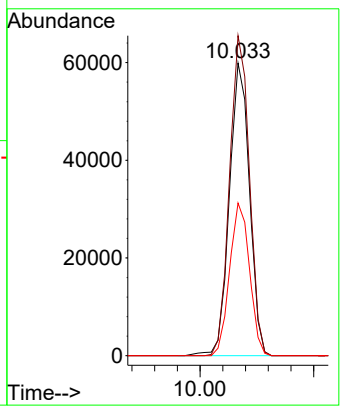




#52
Acenaphthene
Concen: 5.526 ng
RT: 10.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:154 Resp: 7353

Ion	Ratio	Lower	Upper
154	100		
153	109.4	86.7	130.1
152	52.2	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
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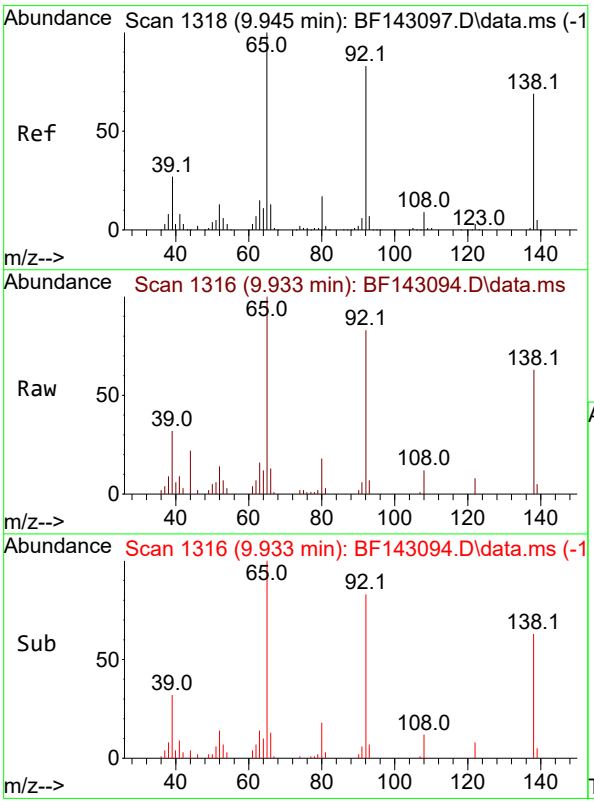
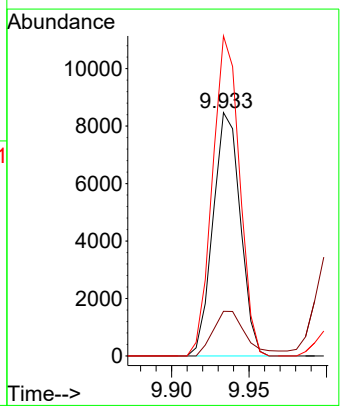
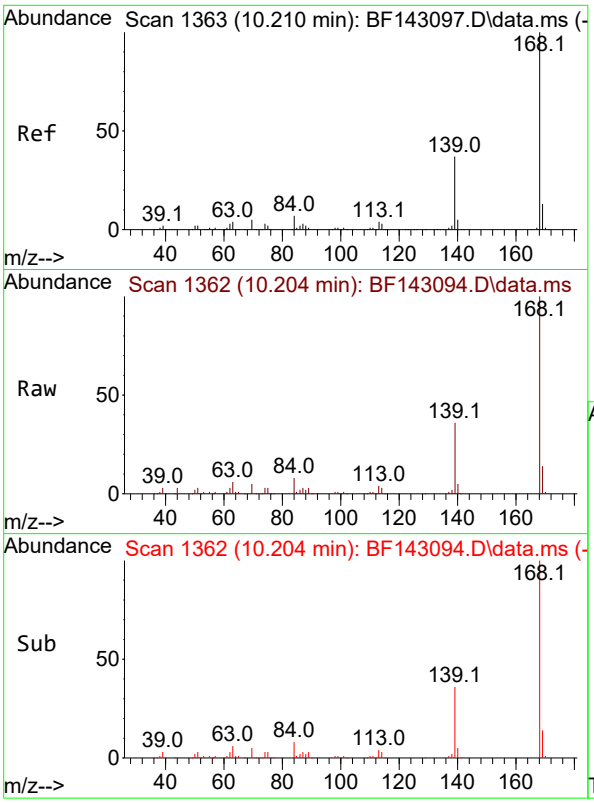


#53
3-Nitroaniline
Concen: 3.307 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:138 Resp: 10382

Ion	Ratio	Lower	Upper
138	100		
108	18.3	10.1	15.1#
92	131.5	96.4	144.6

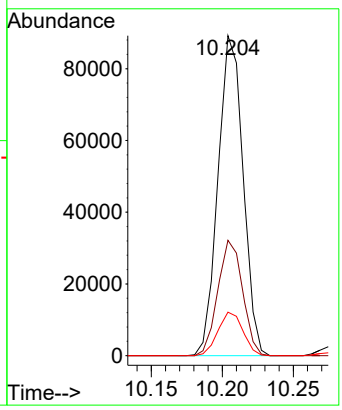




#55
Dibenzofuran
Concen: 5.518 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:168 Resp: 10943

Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.8	44.6
169	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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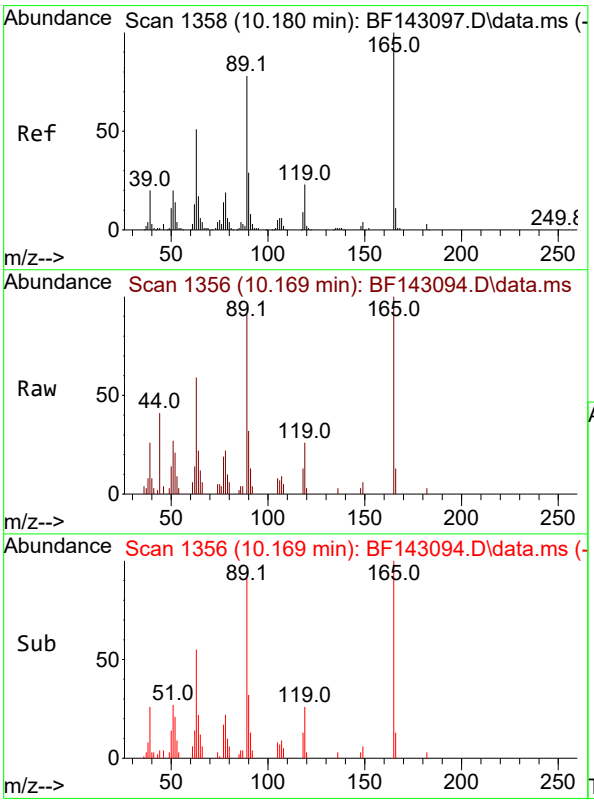
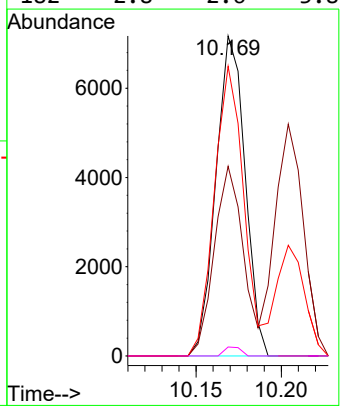
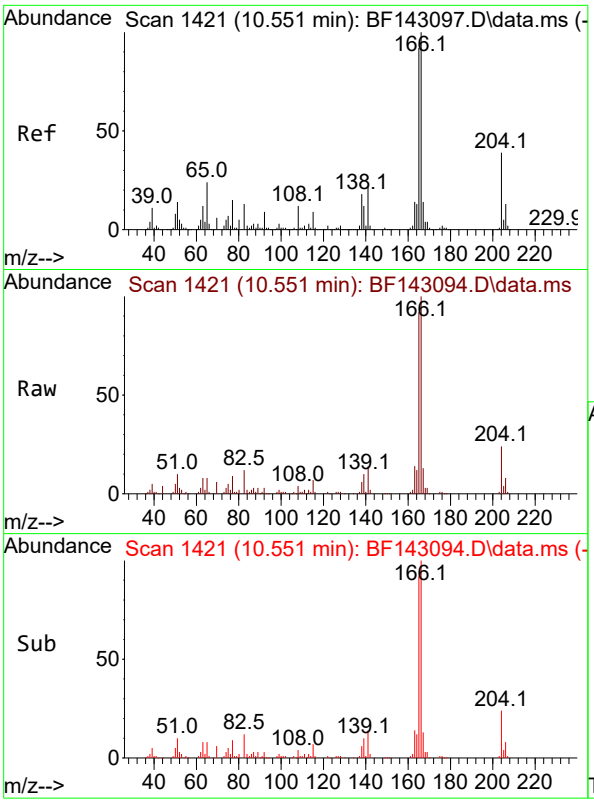


#57
2,4-Dinitrotoluene
Concen: 5.606 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:165 Resp: 8515

Ion	Ratio	Lower	Upper
165	100		
63	59.3	40.6	61.0
89	90.5	62.3	93.5
182	2.8	2.6	3.8

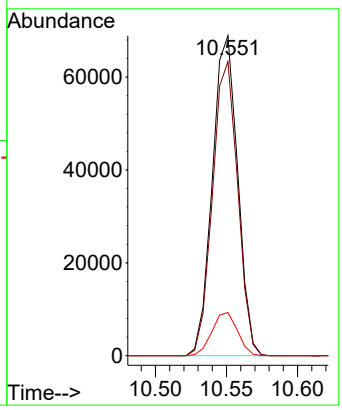




#58
Fluorene
Concen: 5.738 ng
RT: 10.551 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:166 Resp: 8531

Ion	Ratio	Lower	Upper
166	100		
165	91.9	73.7	110.5
167	13.5	10.9	16.3



Instrument :
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ClientSampleId :
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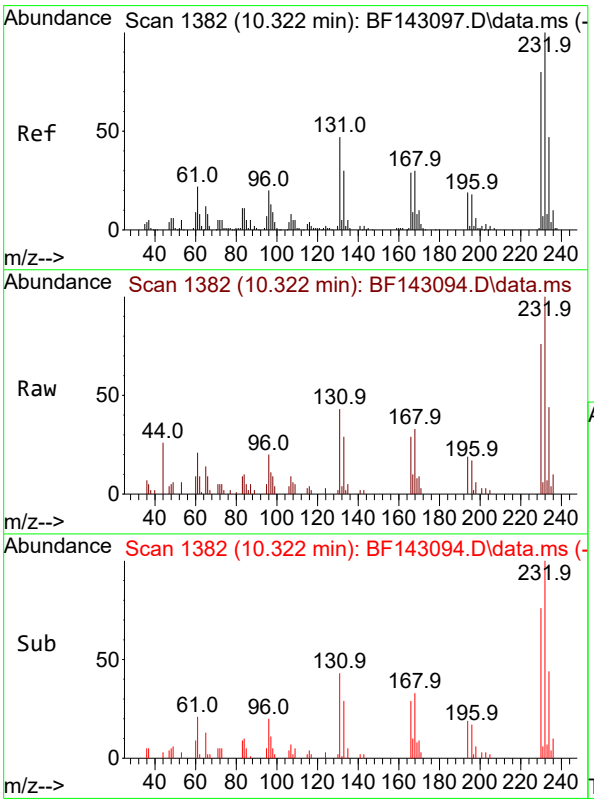
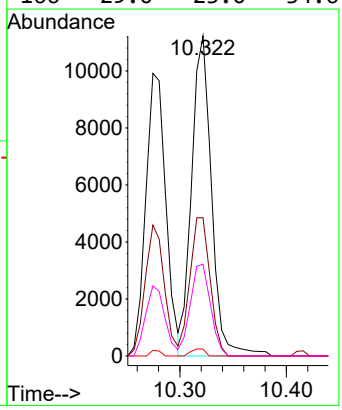
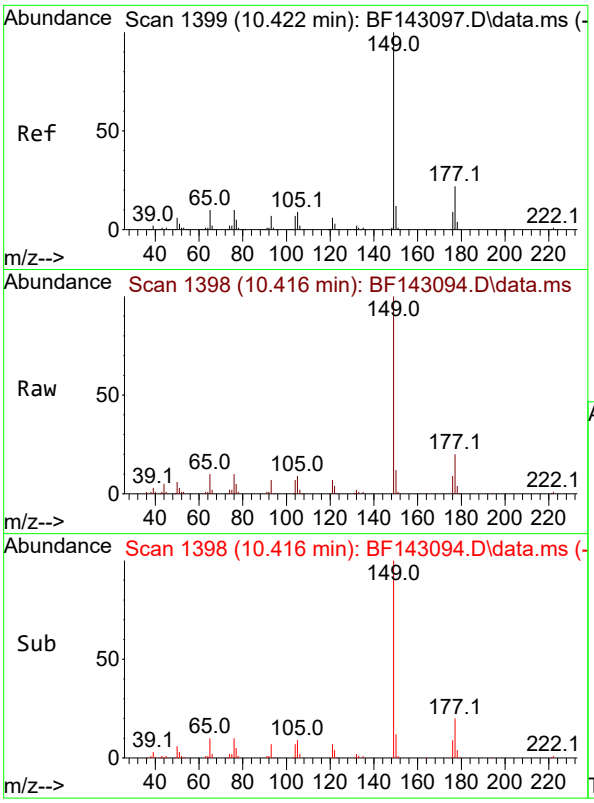


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.192 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:232 Resp: 14610

Ion	Ratio	Lower	Upper
232	100		
131	43.7	36.9	55.3
130	1.5	1.8	2.8#
166	29.0	23.0	34.6

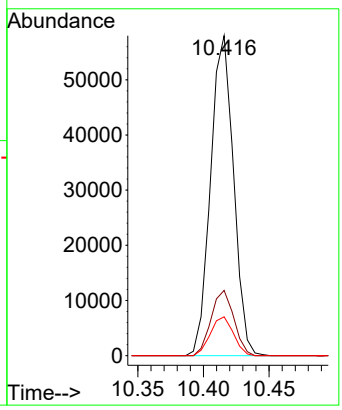




#60
Diethylphthalate
Concen: 5.031 ng
RT: 10.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:149 Resp: 7053

Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.3	25.9
150	12.1	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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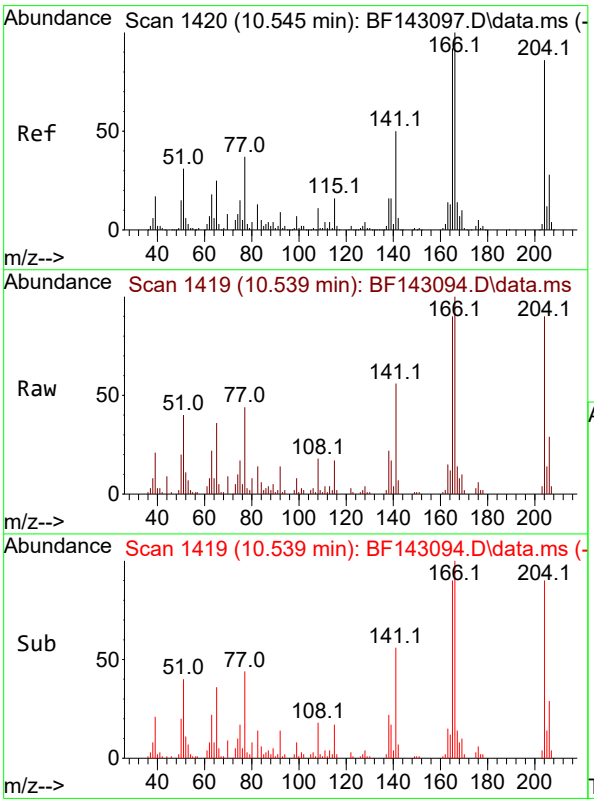
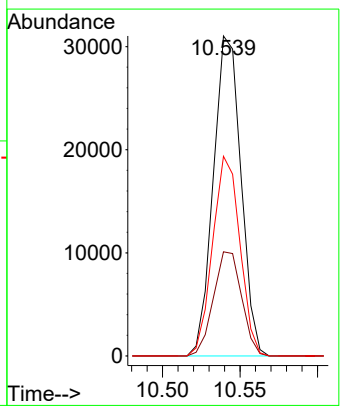
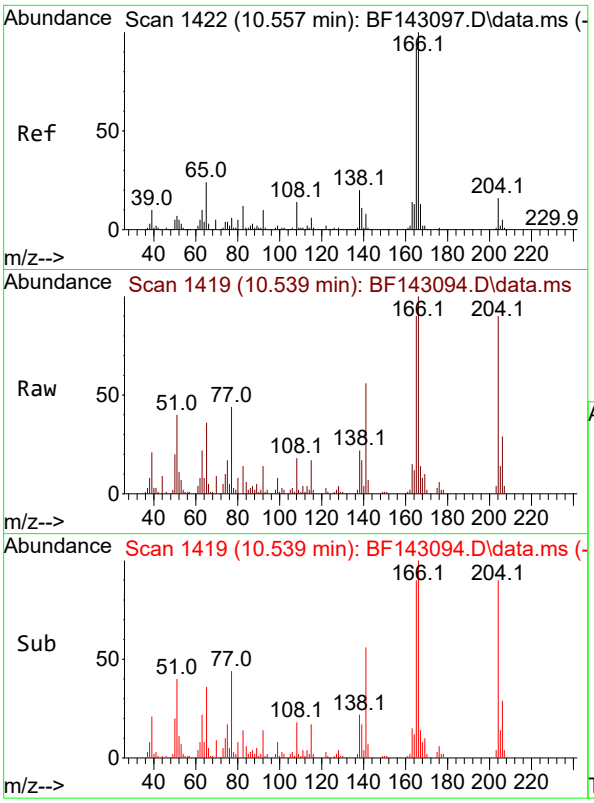


#61
4-Chlorophenyl-phenylether
Concen: 5.395 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:204 Resp: 38452

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	62.4	46.8	70.2

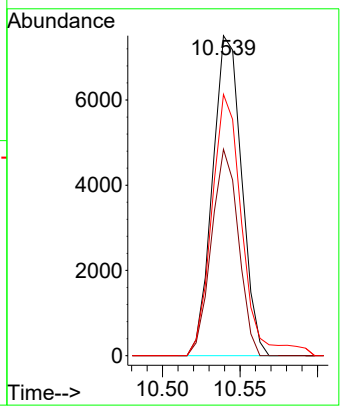




#62
4-Nitroaniline
Concen: 3.581 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:138 Resp: 977

Ion	Ratio	Lower	Upper
138	100		
92	64.5	30.4	70.4
108	81.6	49.5	89.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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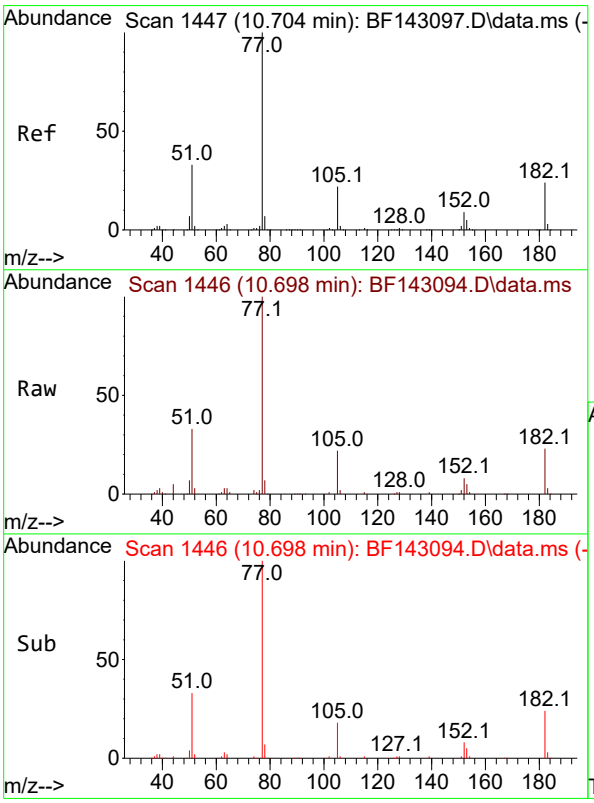
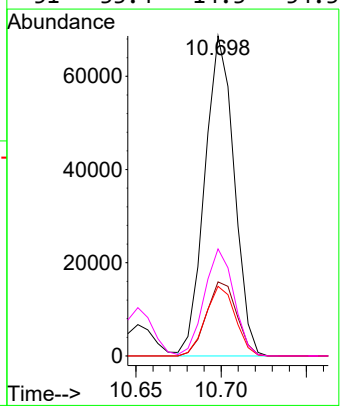
Supervised By :Jagrut Upadhyay 07/16/2025

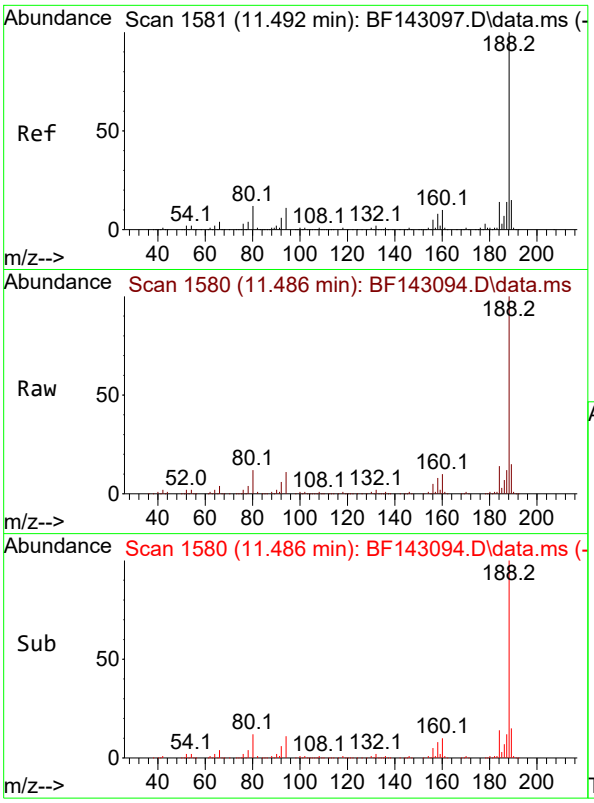


#63
Azobenzene
Concen: 5.308 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion: 77 Resp: 82291

Ion	Ratio	Lower	Upper
77	100		
182	23.1	4.0	44.0
105	21.8	1.4	41.4
51	33.4	14.3	54.3

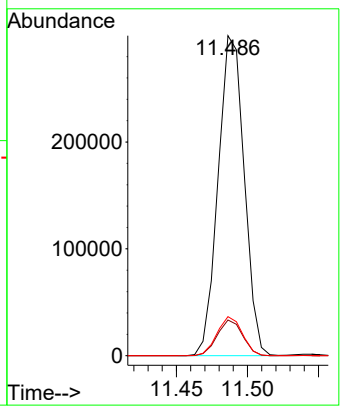




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:188 Resp: 38257

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.6	13.0
80	12.2	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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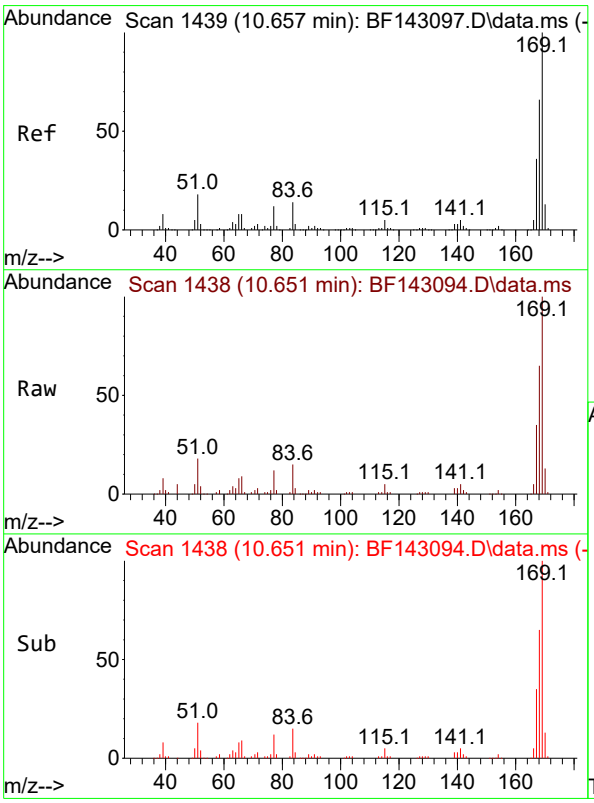
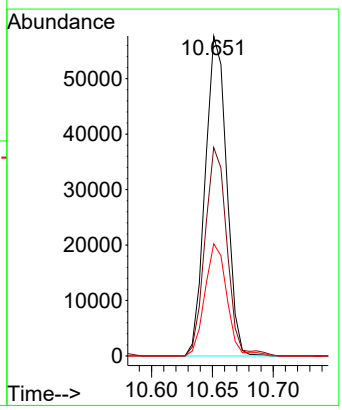
Supervised By :Jagrut Upadhyay 07/16/2025

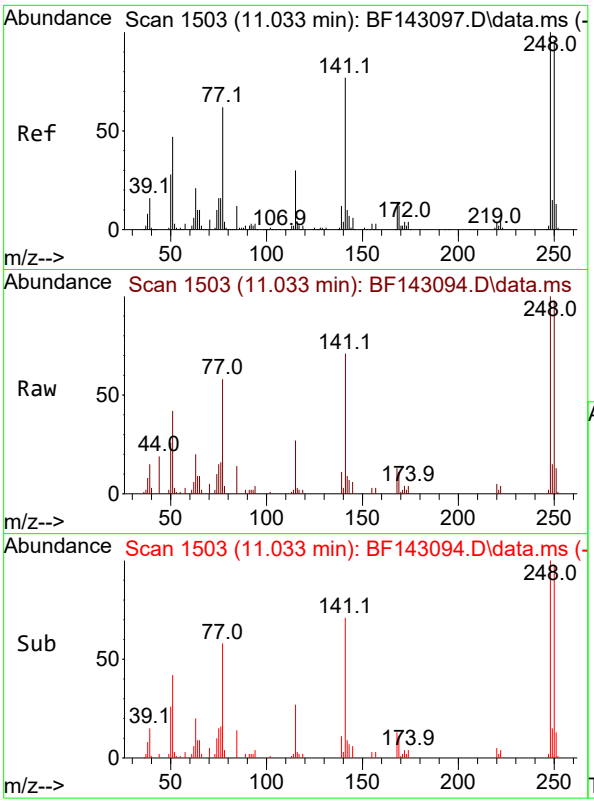


#66
n-Nitrosodiphenylamine
Concen: 5.231 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:169 Resp: 70293

Ion	Ratio	Lower	Upper
169	100		
168	65.2	53.0	79.6
167	35.1	28.4	42.6

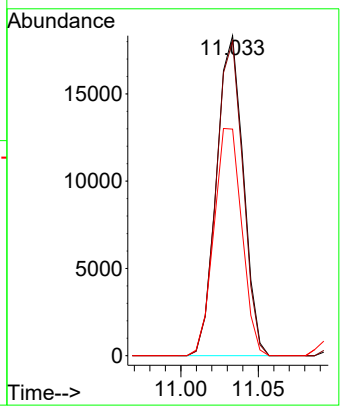




#67
4-Bromophenyl-phenylether
Concen: 5.086 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:248 Resp: 2212

Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.7	115.1
141	70.8	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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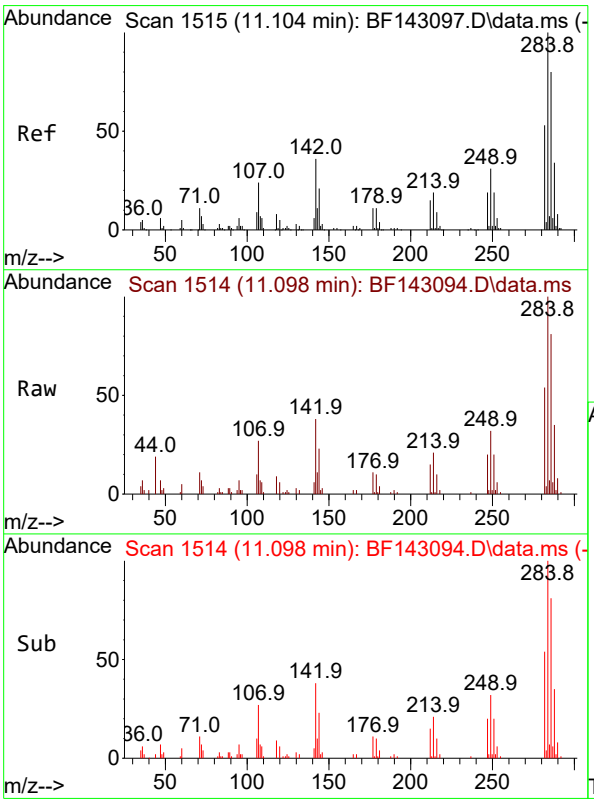
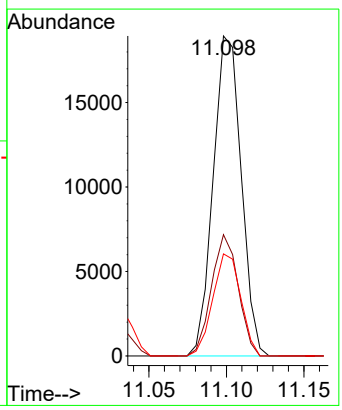
Supervised By :Jagrut Upadhyay 07/16/2025

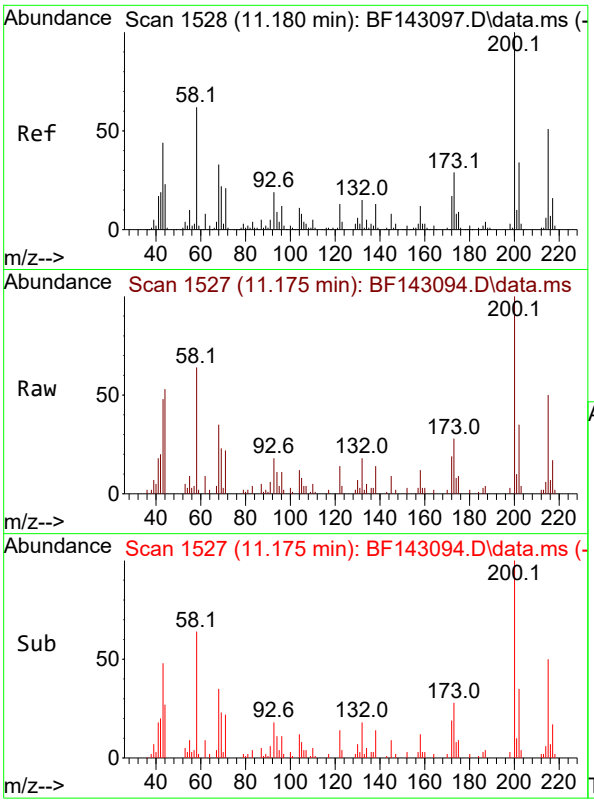


#68
Hexachlorobenzene
Concen: 5.160 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:284 Resp: 23819

Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.9	43.3
249	31.9	24.6	37.0

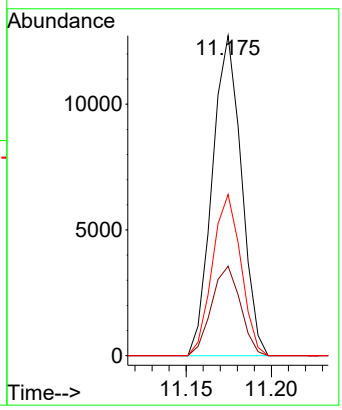




#69
Atrazine
Concen: 4.393 ng
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:200 Resp: 1510

Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.1	49.1
215	50.4	31.0	71.0



Instrument :
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ClientSampleId :
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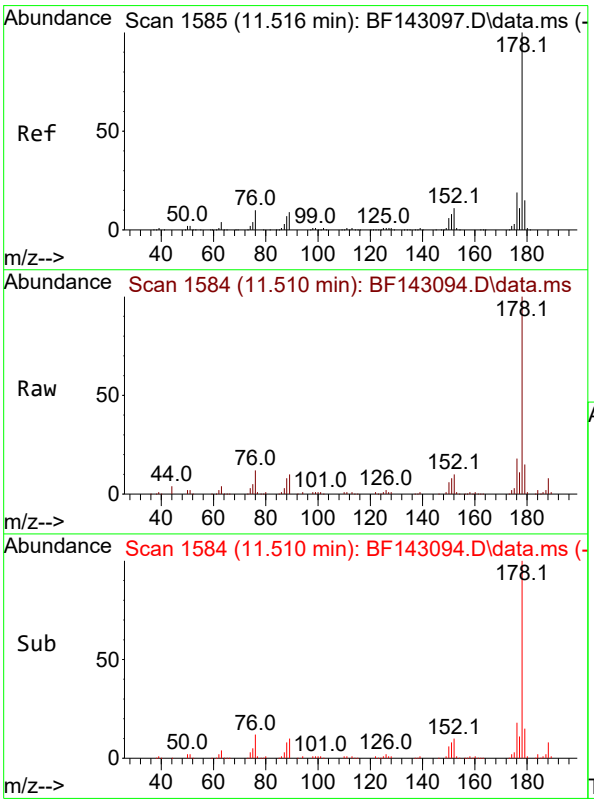
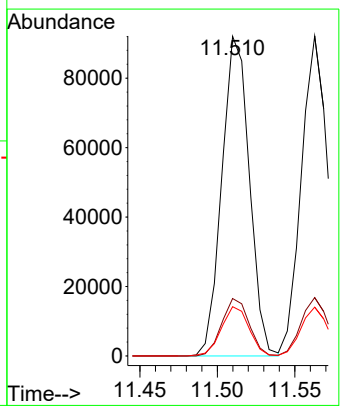
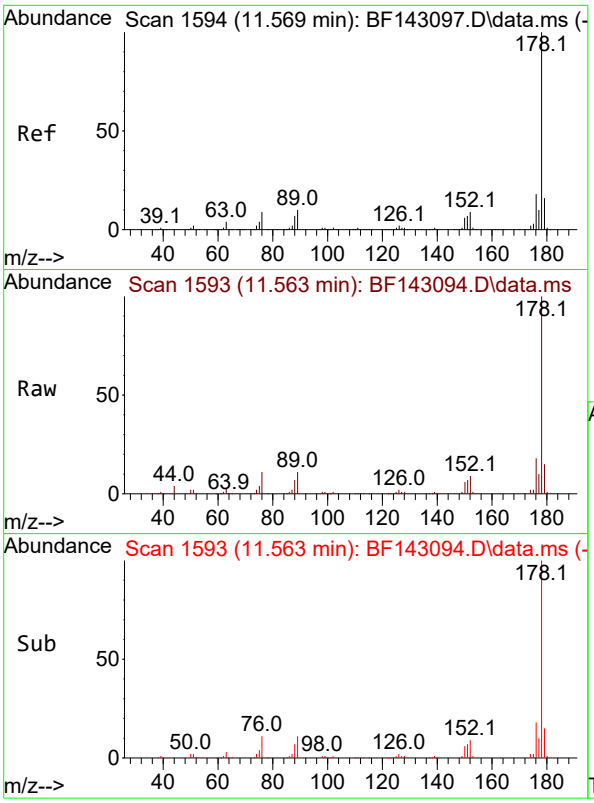


#71
Phenanthrene
Concen: 5.511 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:178 Resp: 113784

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.4	12.2	18.4

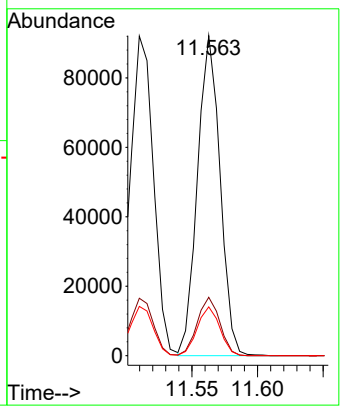




#72
Anthracene
Concen: 5.335 ng
RT: 11.563 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:178 Resp: 11077

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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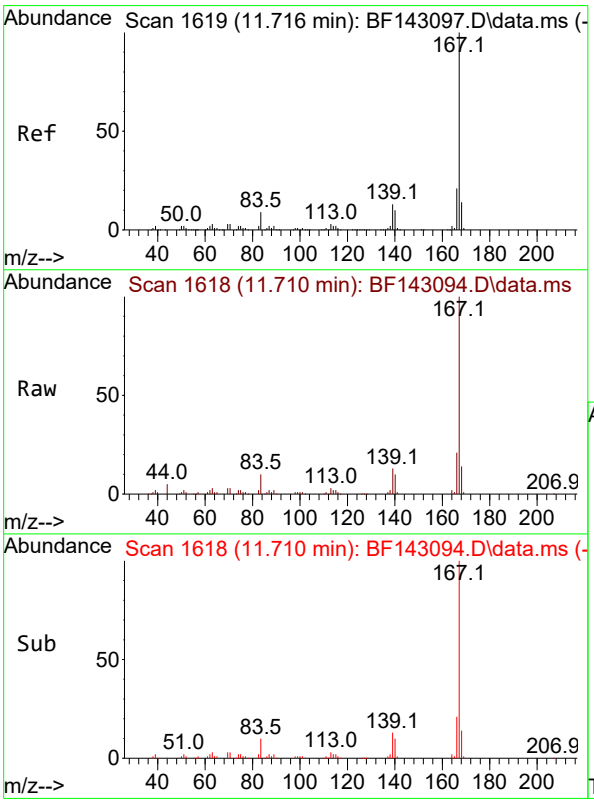
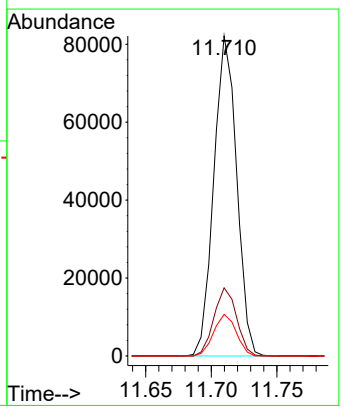
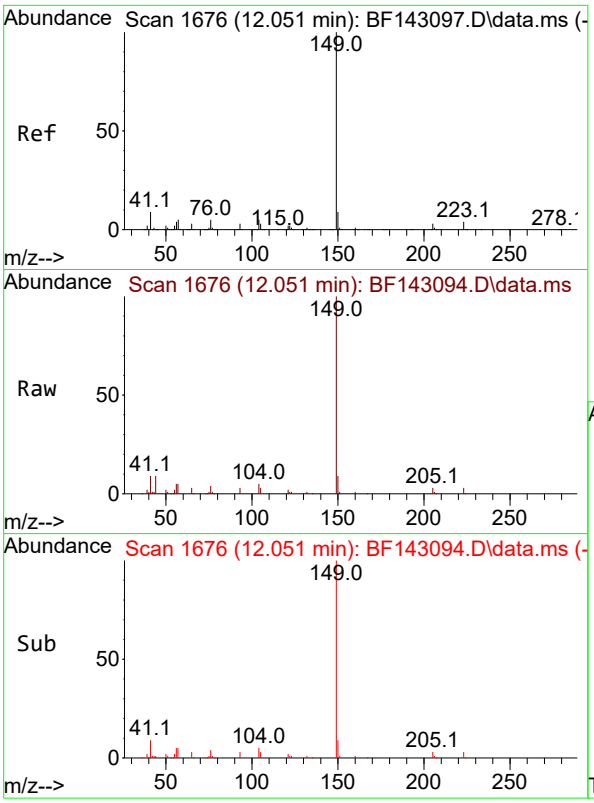


#73
Carbazole
Concen: 5.335 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:167 Resp: 99235

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.0	10.2	15.4

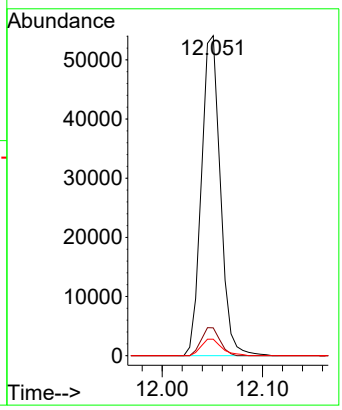




#74
Di-n-butylphthalate
Concen: 4.179 ng
RT: 12.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:149 Resp: 7135

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.3	10.9
104	5.1	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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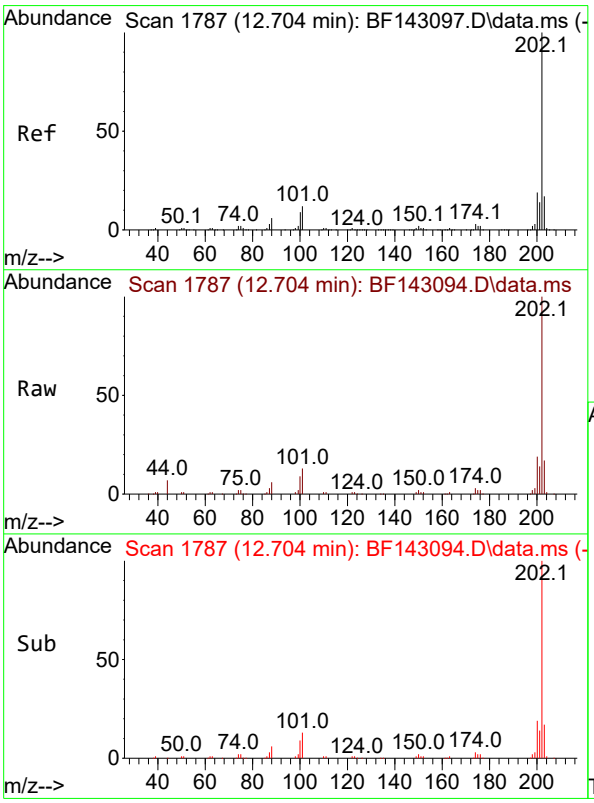
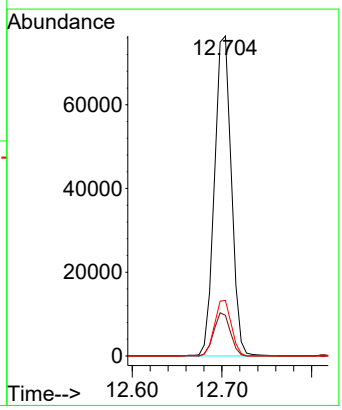
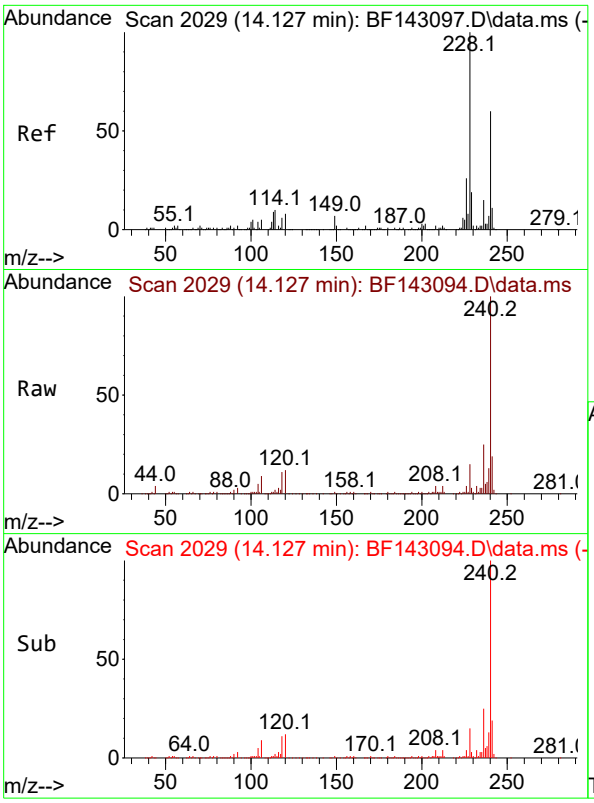


#75
Fluoranthene
Concen: 5.320 ng
RT: 12.704 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:202 Resp: 99884

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
203	17.4	0.0	37.4

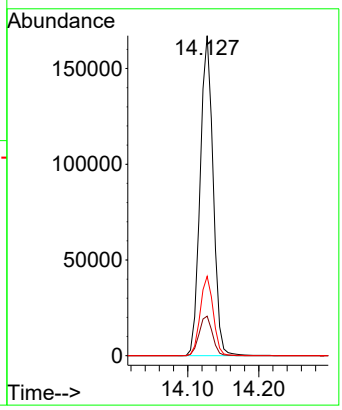




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:240 Resp: 212909

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	24.8	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
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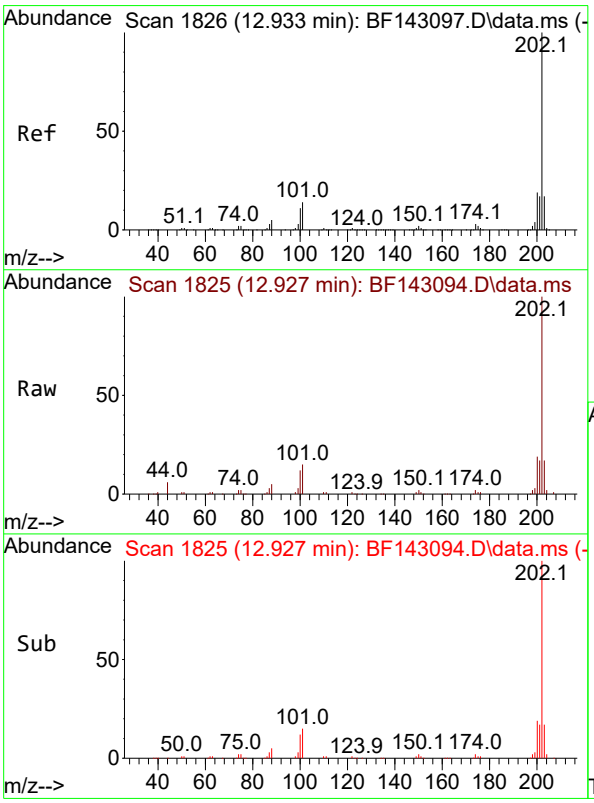
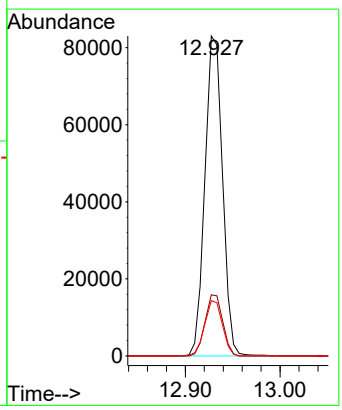
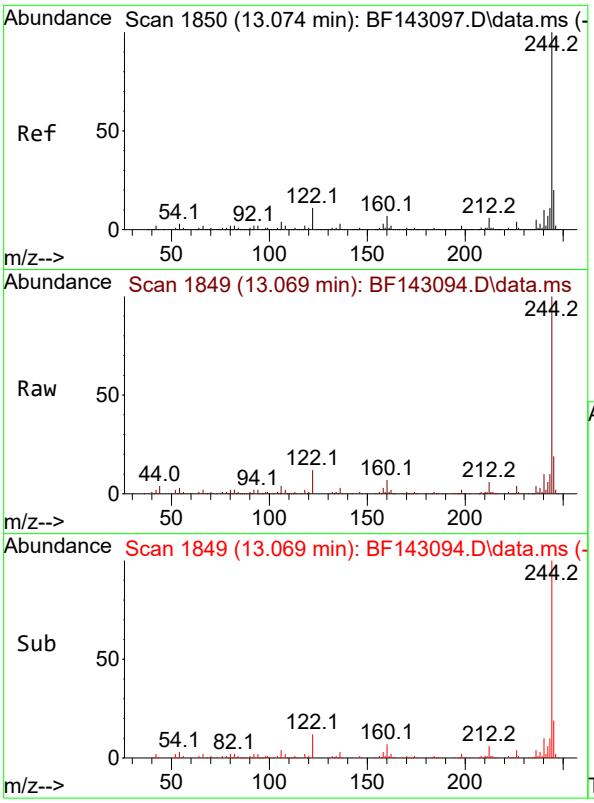


#78
Pyrene
Concen: 5.436 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:202 Resp: 107389

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.5	23.3
203	17.3	14.0	21.0

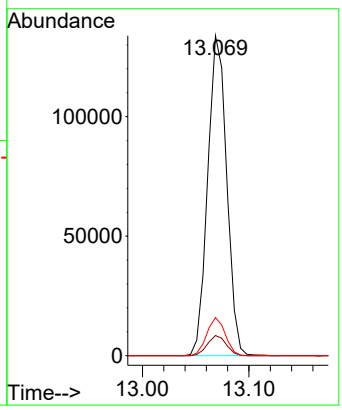




#79
Terphenyl-d14
Concen: 11.424 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:244 Resp: 16638

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.9	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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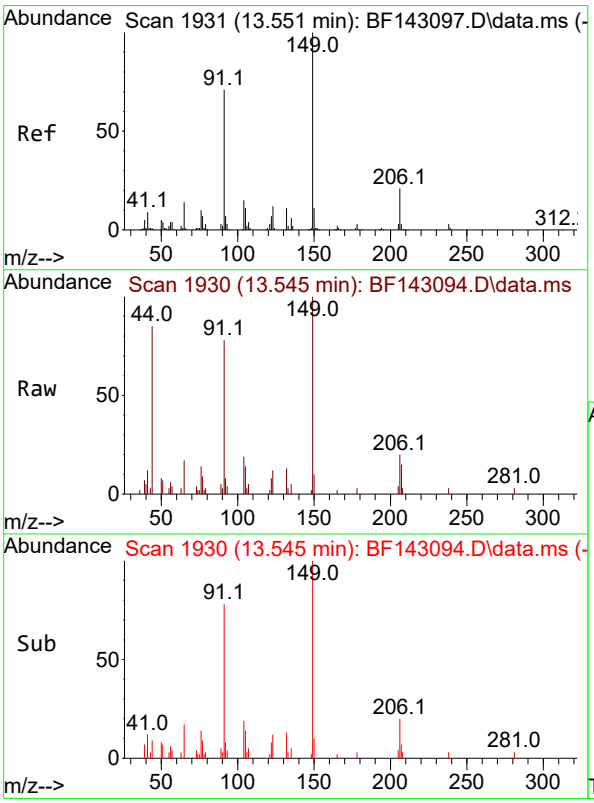
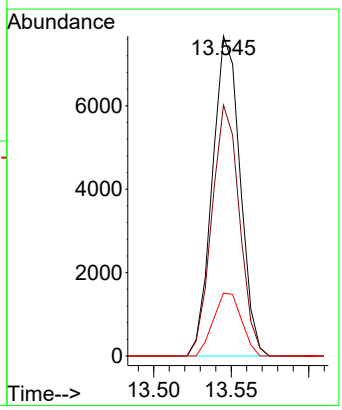
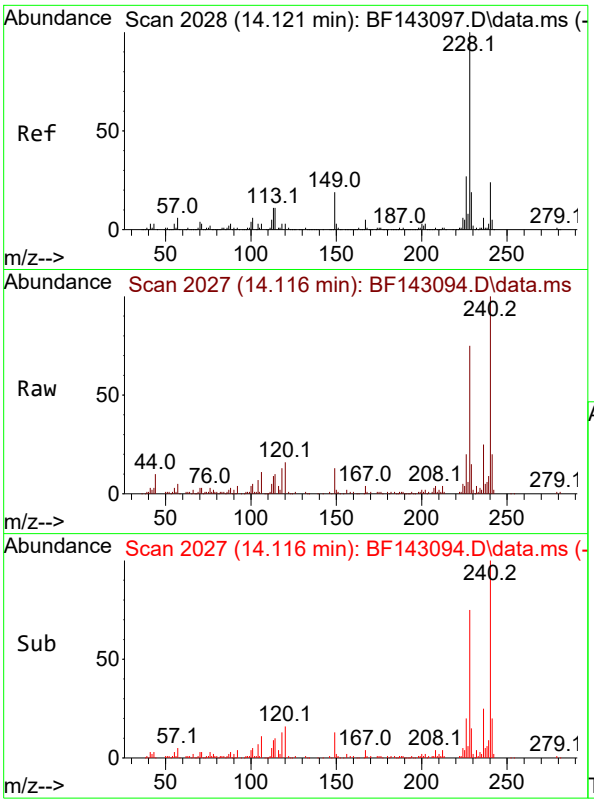


#80
Butylbenzylphthalate
Concen: 5.646 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:149 Resp: 9546

Ion	Ratio	Lower	Upper
149	100		
91	78.4	57.0	85.4
206	19.7	17.2	25.8

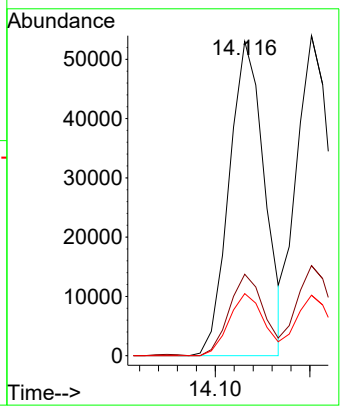




#81
Benzo(a)anthracene
Concen: 4.863 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:228 Resp: 6899

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.3	31.9
229	19.7	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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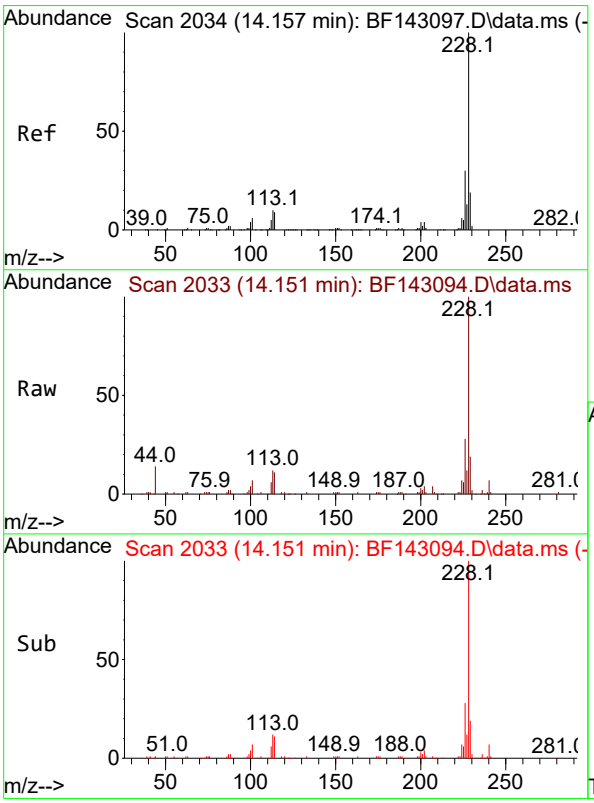
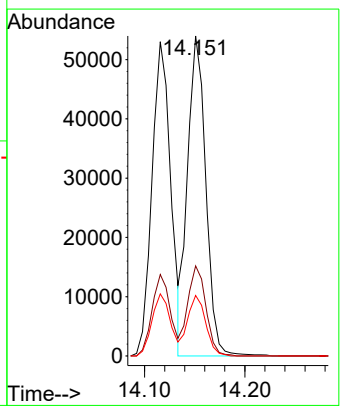
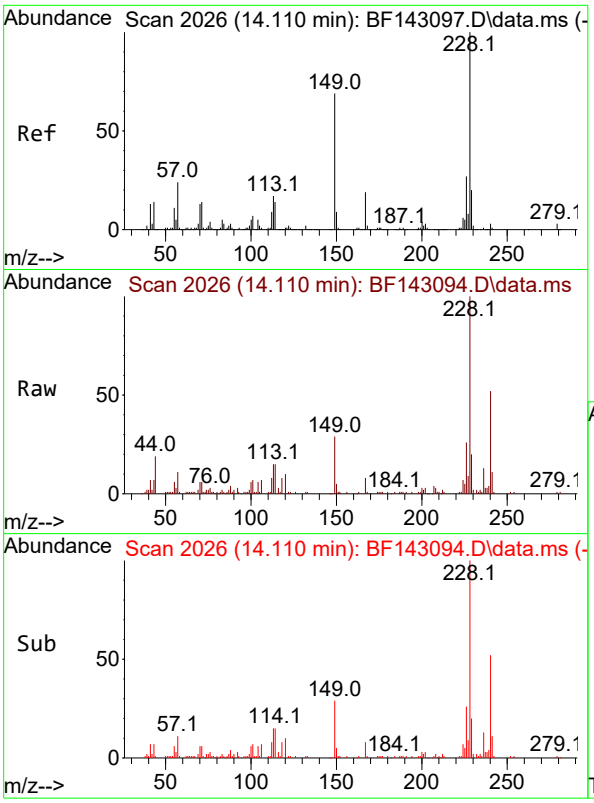


#83
Chrysene
Concen: 5.239 ng
RT: 14.151 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:228 Resp: 68451

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	18.9	15.3	22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.667 ng
RT: 14.110 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:149 Resp: 1453

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	3.6	3.4	5.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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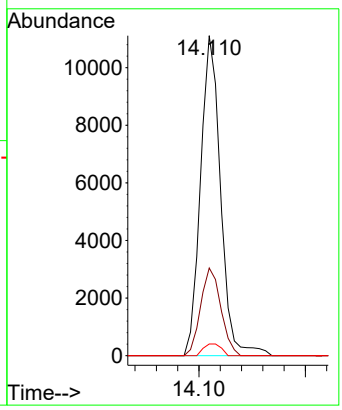
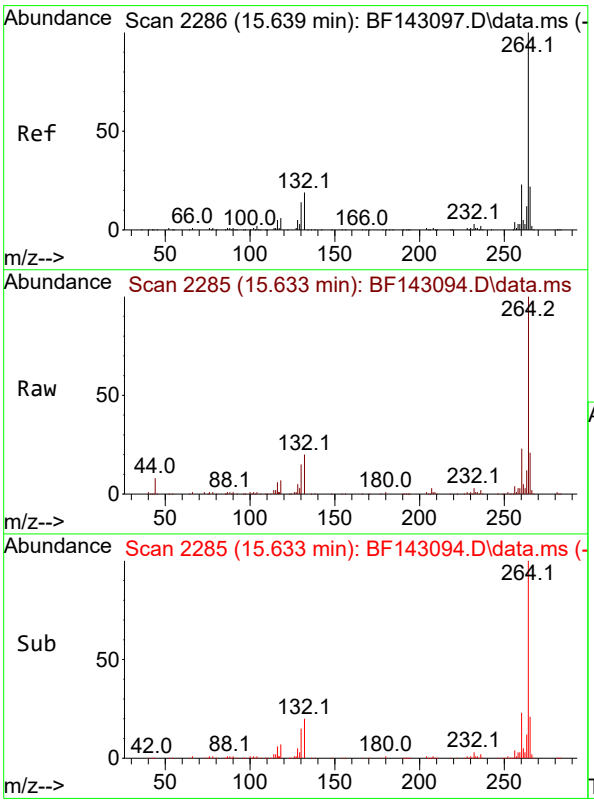
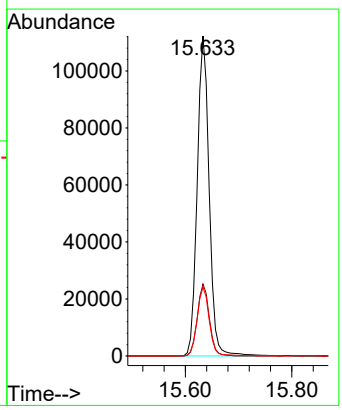


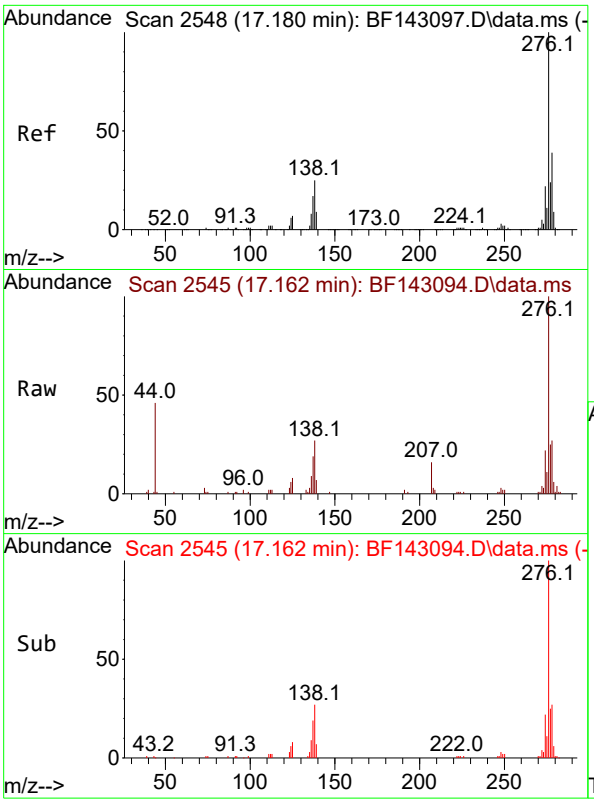


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:264 Resp: 174154

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.5	17.5	26.3

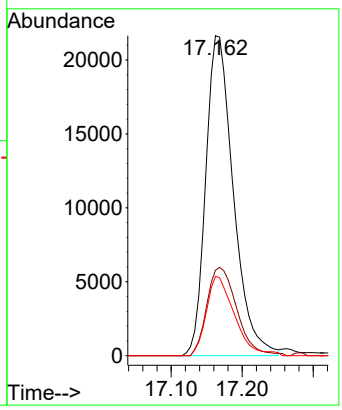




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.521 ng
RT: 17.162 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:276 Resp: 5856

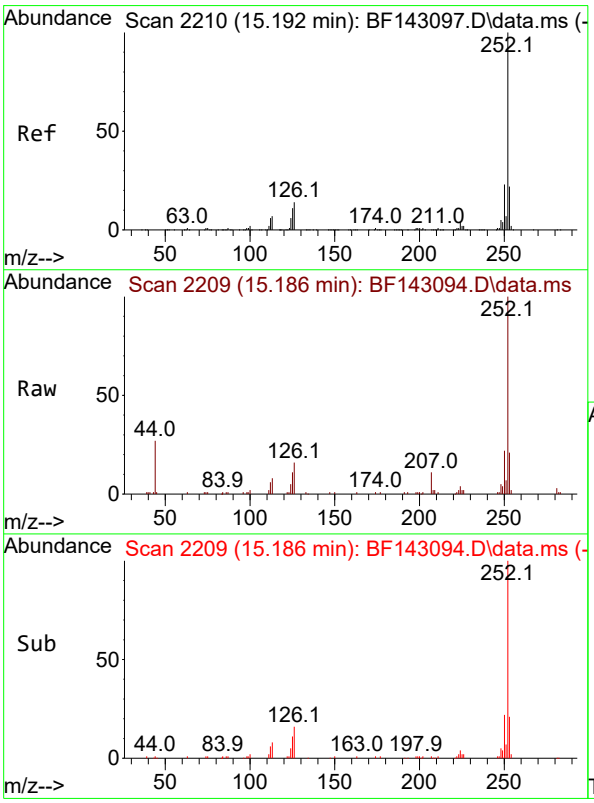
Ion	Ratio	Lower	Upper
276	100		
138	29.8	22.6	34.0
277	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

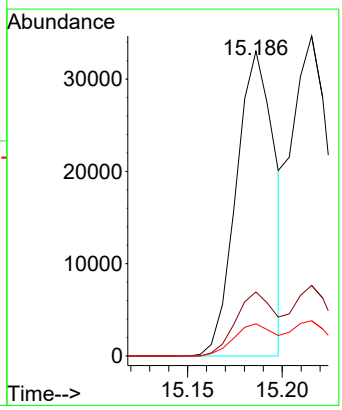
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

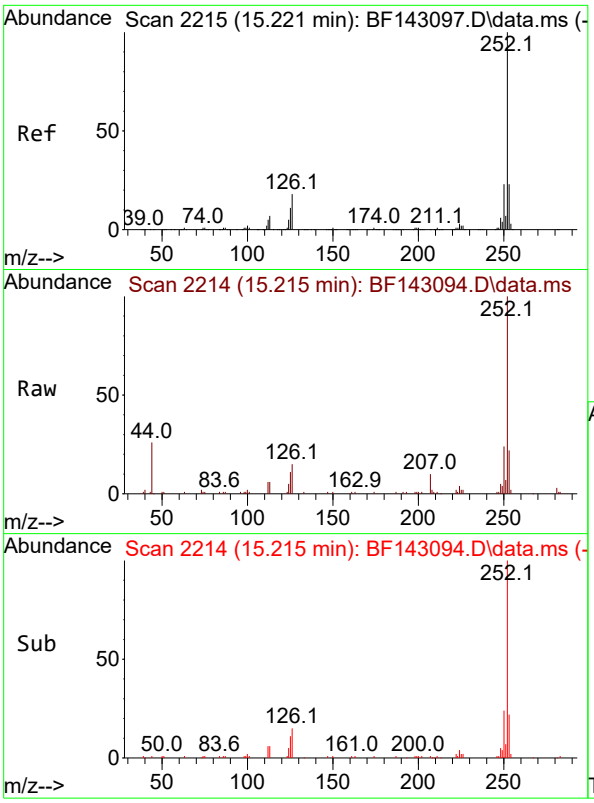


#88
Benzo(b)fluoranthene
Concen: 4.607 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:252 Resp: 46276

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.6	8.6	13.0

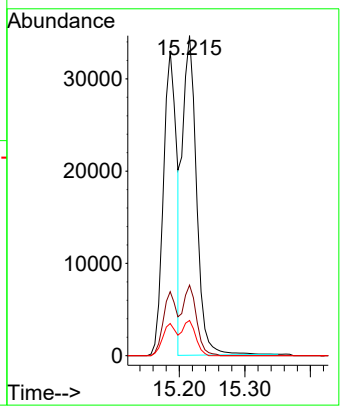




#89
Benzo(k)fluoranthene
Concen: 5.340 ng
RT: 15.215 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:252 Resp: 5117

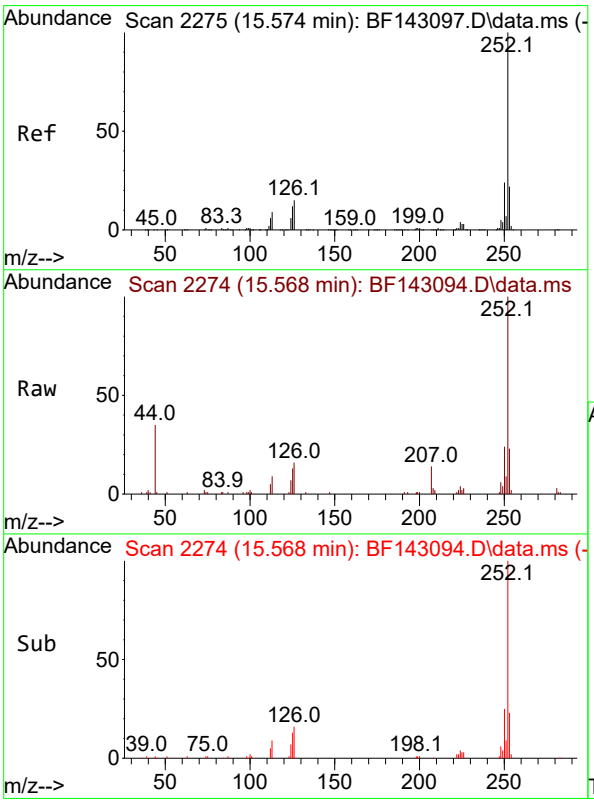
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.0	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

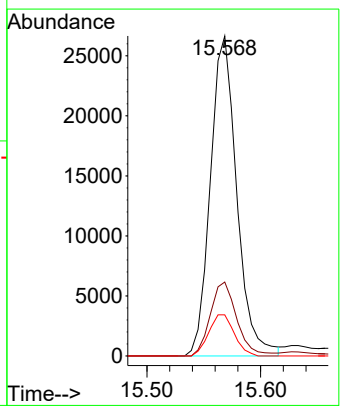
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

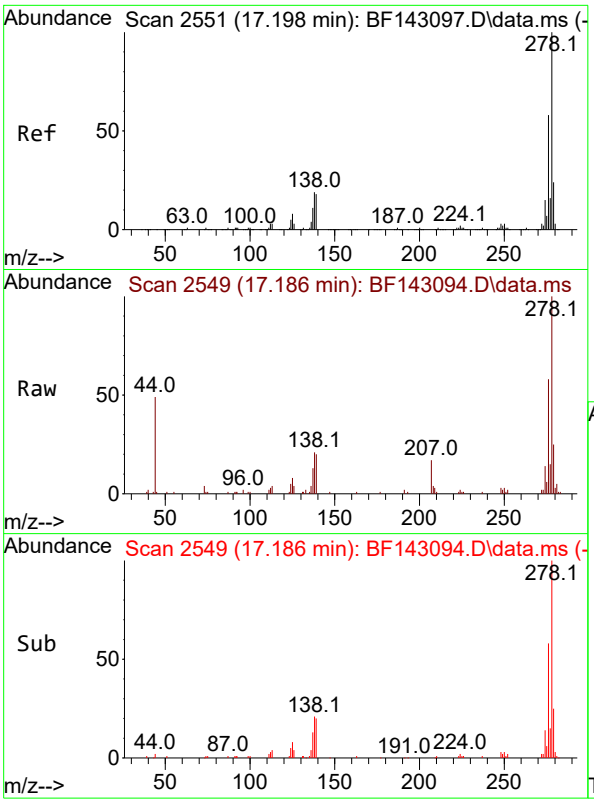


#90
Benzo(a)pyrene
Concen: 4.531 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:252 Resp: 43046

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.9	9.4	14.0

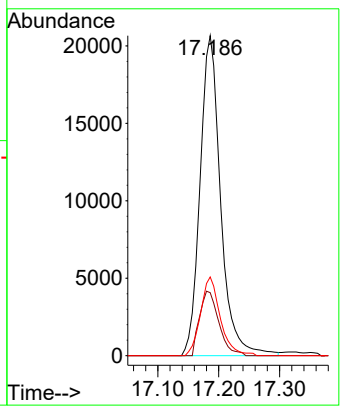




#91
Dibenzo(a,h)anthracene
Concen: 4.581 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:278 Resp: 4850

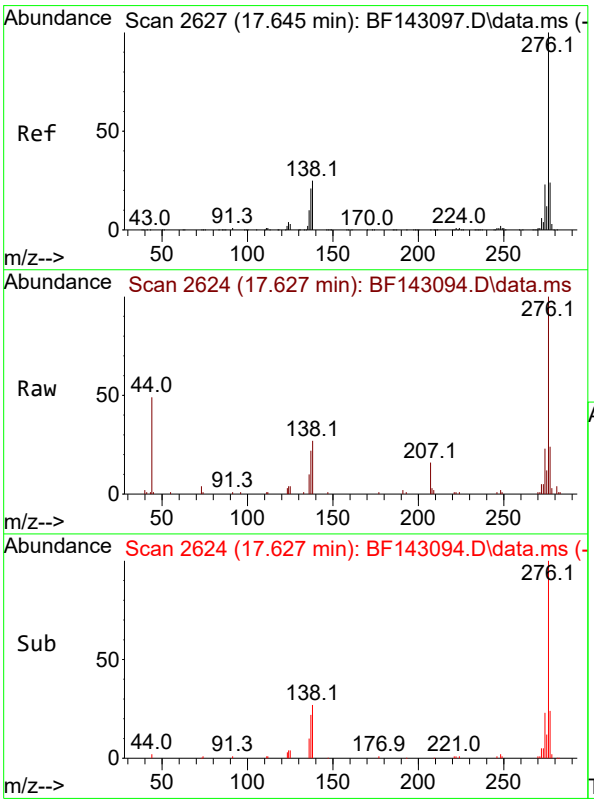
Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0
279	24.6	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

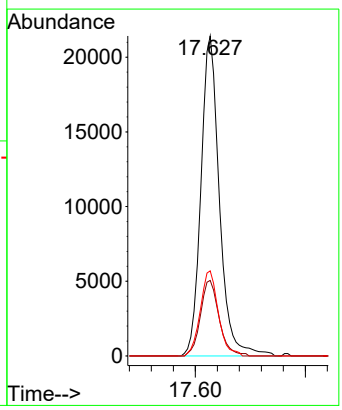
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 4.631 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.018 min
Lab File: BF143094.D
Acq: 15 Jul 2025 13:35

Tgt Ion:276 Resp: 49989

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.6	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143095.D
Acq On : 15 Jul 2025 14:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	129158	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	488635	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	248013	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	412977	20.000	ng		0.00
76) Chrysene-d12	14.127	240	231826	20.000	ng		0.00
86) Perylene-d12	15.633	264	195100	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	164234	20.090	ng		0.00
7) Phenol-d6	6.575	99	208774	20.317	ng		-0.01
23) Nitrobenzene-d5	7.516	82	156007m	17.910	ng		-0.01
42) 2,4,6-Tribromophenol	10.786	330	39055	17.661	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	407861	21.860	ng		0.00
79) Terphenyl-d14	13.069	244	340992	21.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	40980	10.070	ng		98
3) Pyridine	3.581	79	99499	9.656	ng		98
4) n-Nitrosodimethylamine	3.504	42	50912	9.536	ng	#	96
6) Aniline	6.622	93	145577	10.060	ng		99
8) 2-Chlorophenol	6.745	128	78009	9.498	ng		98
9) Benzaldehyde	6.510	77	77218	9.862	ng		97
10) Phenol	6.587	94	112508	10.114	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	88047	10.224	ng		99
12) 1,3-Dichlorobenzene	6.910	146	95695	10.313	ng		99
13) 1,4-Dichlorobenzene	6.987	146	95134	10.191	ng		99
14) 1,2-Dichlorobenzene	7.140	146	90960	10.218	ng		100
15) Benzyl Alcohol	7.092	79	72743	9.554	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	163494	10.299	ng		99
17) 2-Methylphenol	7.204	107	69808	9.849	ng		99
18) Hexachloroethane	7.487	117	28400	9.345	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	63831	10.139	ng		95
20) 3+4-Methylphenols	7.351	107	90318	10.391	ng	#	83
22) Acetophenone	7.363	105	126127	10.708	ng		95
24) Nitrobenzene	7.540	77	77369	9.201	ng		97
25) Isophorone	7.775	82	167986	9.978	ng		99
26) 2-Nitrophenol	7.857	139	18432	8.966	ng		97
27) 2,4-Dimethylphenol	7.887	122	78706	10.072	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	106045	10.387	ng		98
29) 2,4-Dichlorophenol	8.092	162	62164	9.724	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	74581	10.280	ng		98
31) Naphthalene	8.269	128	256031	10.551	ng		99
32) Benzoic acid	7.939	122	19661m	10.880	ng		
33) 4-Chloroaniline	8.310	127	102550	10.510	ng		96
34) Hexachlorobutadiene	8.392	225	42959	9.901	ng		97
35) Caprolactam	8.634	113	17855	8.944	ng		99
36) 4-Chloro-3-methylphenol	8.775	107	70747	9.935	ng		97
37) 2-Methylnaphthalene	8.957	142	152822	10.557	ng		99
38) 1-Methylnaphthalene	9.057	142	161228	10.739	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	74348	10.287	ng		99
41) Hexachlorocyclopentadiene	9.122	237	31472	7.854	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	38748	8.628	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143095.D
Acq On : 15 Jul 2025 14:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 17:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	45455	9.653	ng		98
46) 1,1'-Biphenyl	9.422	154	209259	10.580	ng		99
47) 2-Chloronaphthalene	9.445	162	149175	10.267	ng		99
48) 2-Nitroaniline	9.534	65	27816	9.163	ng		98
49) Acenaphthylene	9.863	152	249435	10.302	ng		100
50) Dimethylphthalate	9.710	163	156072	10.003	ng		100
51) 2,6-Dinitrotoluene	9.769	165	21789	9.451	ng		96
52) Acenaphthene	10.033	154	149318	10.451	ng		100
53) 3-Nitroaniline	9.939	138	28105	8.336	ng		98
54) 2,4-Dinitrophenol	10.039	184	4729	10.239	ng	#	1
55) Dibenzofuran	10.204	168	222555	10.451	ng		98
56) 4-Nitrophenol	10.081	139	20334	7.589	ng		97
57) 2,4-Dinitrotoluene	10.175	165	24420	9.293	ng	#	95
58) Fluorene	10.551	166	171975	10.771	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	33995	9.084	ng		99
60) Diethylphthalate	10.416	149	150934	10.027	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	79583	10.400	ng		99
62) 4-Nitroaniline	10.545	138	25757	8.785	ng		96
63) Azobenzene	10.698	77	173437	10.418	ng		98
65) 4,6-Dinitro-2-methylph...	10.581	198	7158	10.290	ng		96
66) n-Nitrosodiphenylamine	10.651	169	146433	10.094	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	45279	9.641	ng		97
68) Hexachlorobenzene	11.104	284	49035	9.840	ng		96
69) Atrazine	11.175	200	35230	9.492	ng		99
70) Pentachlorophenol	11.286	266	20245	7.405	ng		97
71) Phenanthrene	11.510	178	234601	10.526	ng		100
72) Anthracene	11.563	178	232459	10.372	ng		99
73) Carbazole	11.710	167	211853	10.551	ng		99
74) Di-n-butylphthalate	12.051	149	174639	9.475	ng		100
75) Fluoranthene	12.704	202	217346	10.725	ng		99
77) Benzidine	12.816	184	76979	9.747	ng		99
78) Pyrene	12.927	202	226752	10.542	ng		99
80) Butylbenzylphthalate	13.545	149	26977	9.210	ng		94
81) Benzo(a)anthracene	14.116	228	151099	9.781	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	36435	8.122	ng		99
83) Chrysene	14.151	228	142990	10.050	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	39724	9.073	ng		97
85) Di-n-octyl phthalate	14.727	149	54952	10.526	ng		96
87) Indeno(1,2,3-cd)pyrene	17.168	276	137620	9.484	ng		100
88) Benzo(b)fluoranthene	15.186	252	116154	10.321	ng		100
89) Benzo(k)fluoranthene	15.216	252	103994	9.686	ng		98
90) Benzo(a)pyrene	15.568	252	99366	9.336	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	113316	9.553	ng		99
92) Benzo(g,h,i)perylene	17.627	276	115816	9.577	ng		98

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

ICAL Form

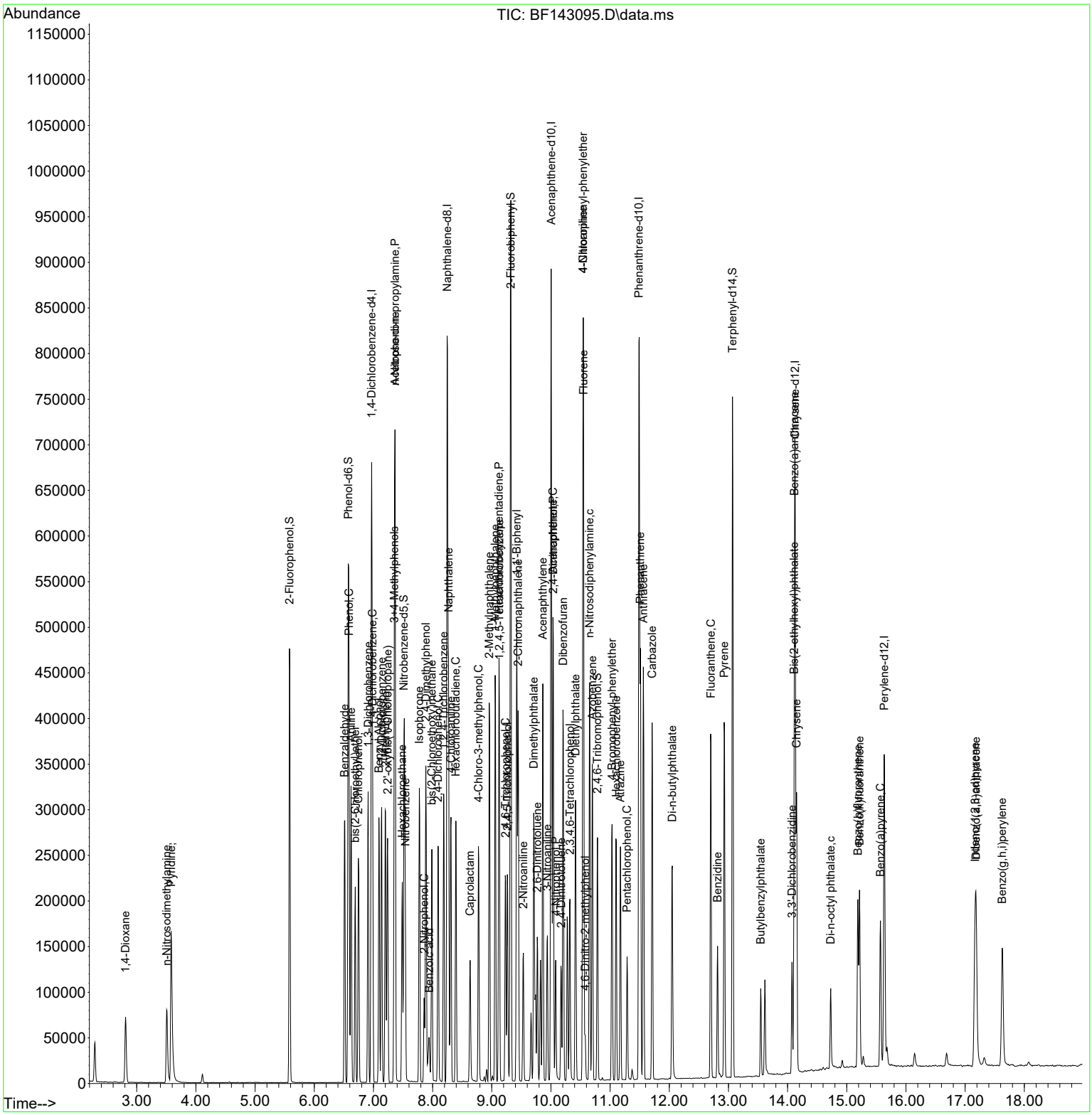
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143095.D
Acq On : 15 Jul 2025 14:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

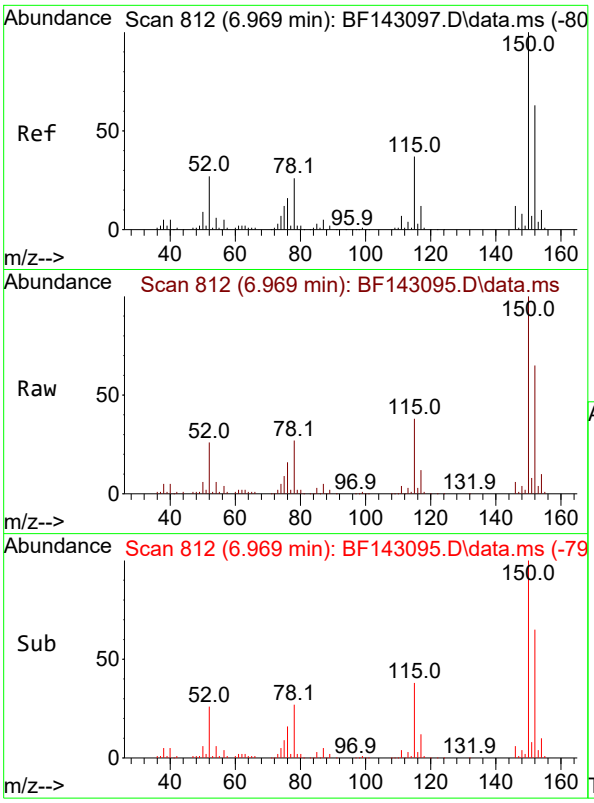
Quant Time: Jul 15 17:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

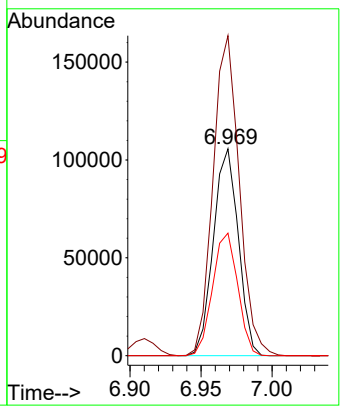




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:152 Resp: 12915

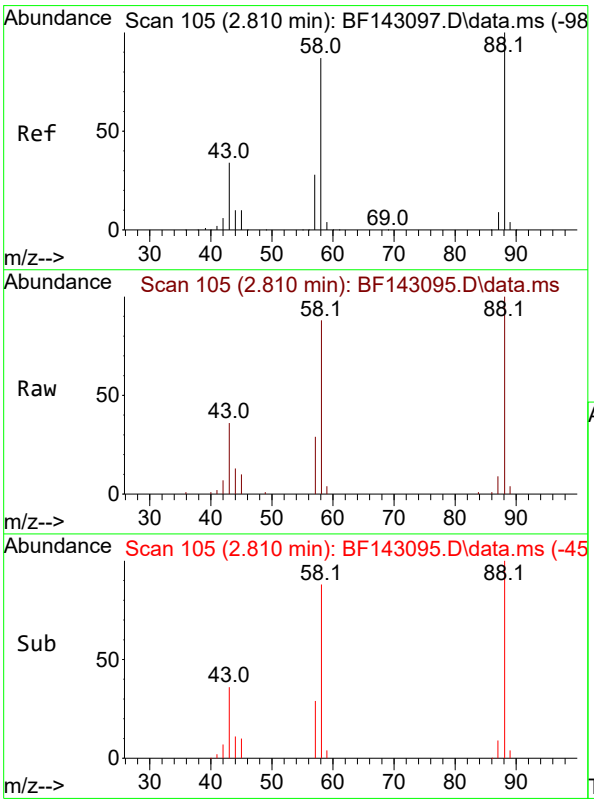
Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.5	189.7
115	59.3	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

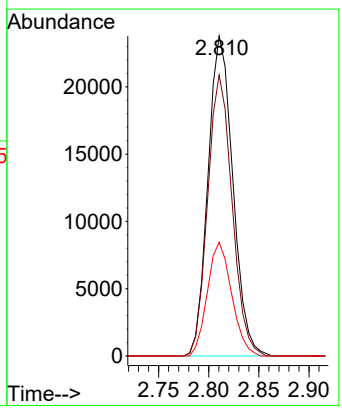
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

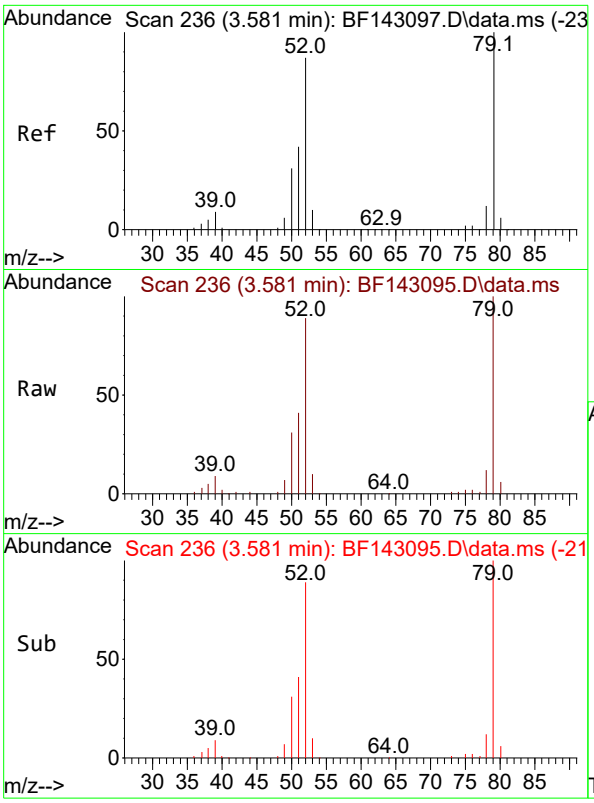


#2
1,4-Dioxane
Concen: 10.070 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 88 Resp: 40980

Ion	Ratio	Lower	Upper
88	100		
58	86.3	70.5	105.7
43	34.8	27.3	40.9





#3
Pyridine
Concen: 9.656 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

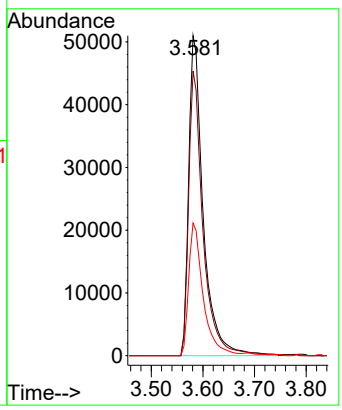
Tgt Ion: 79 Resp: 9949

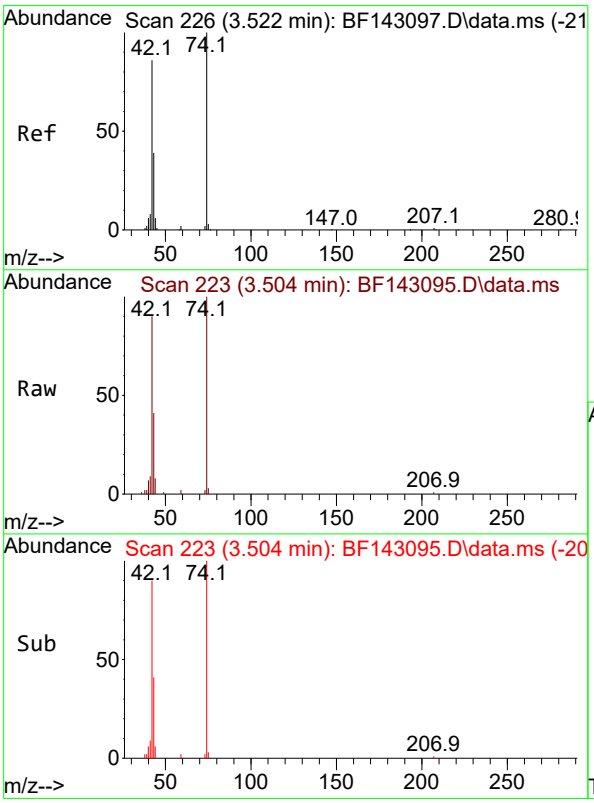
Ion	Ratio	Lower	Upper
79	100		
52	88.9	69.2	103.8
51	41.5	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

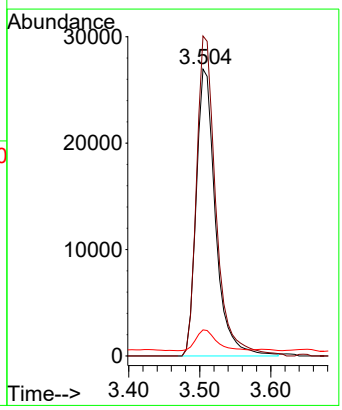


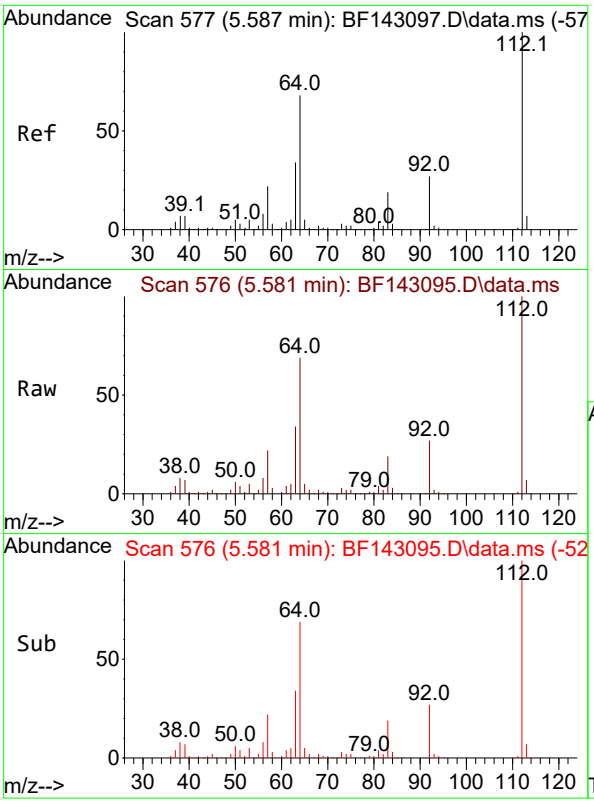


#4
n-Nitrosodimethylamine
Concen: 9.536 ng
RT: 3.504 min Scan# 223
Delta R.T. -0.018 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 42 Resp: 50912

Ion	Ratio	Lower	Upper
42	100		
74	111.6	92.8	139.2
44	9.1	5.8	8.6#

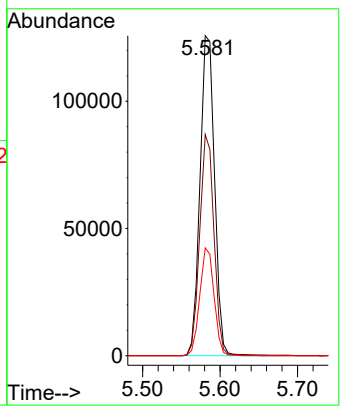




#5
2-Fluorophenol
Concen: 20.090 ng
RT: 5.581 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:112 Resp: 16423

Ion	Ratio	Lower	Upper
112	100		
64	69.1	54.6	82.0
63	33.7	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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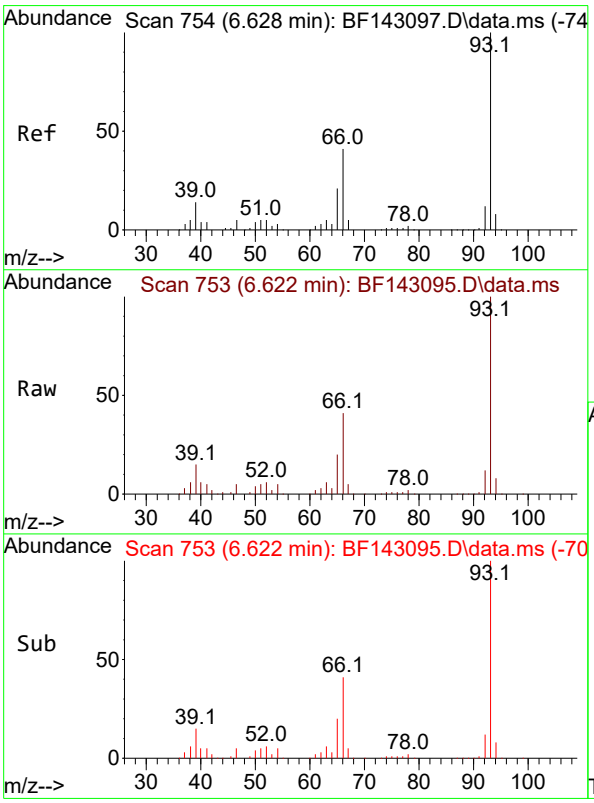
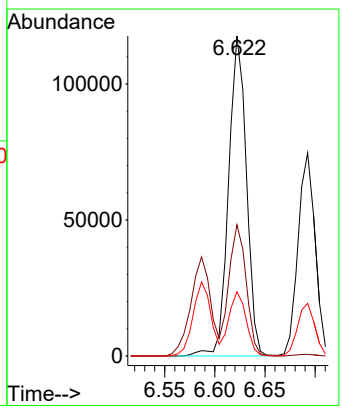
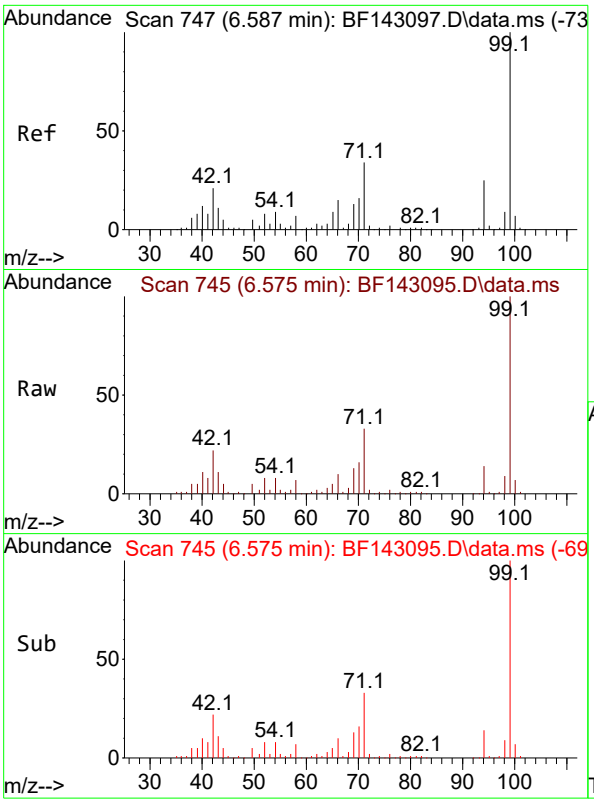


#6
Aniline
Concen: 10.060 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 93 Resp: 145577

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.1	49.7
65	20.1	16.9	25.3

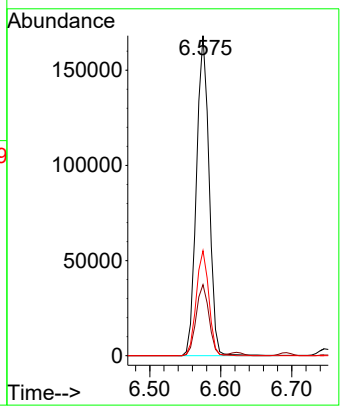




#7
Phenol-d6
Concen: 20.317 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 99 Resp: 20877

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.2	25.8
71	32.8	27.4	41.0



Instrument :
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ClientSampleId :
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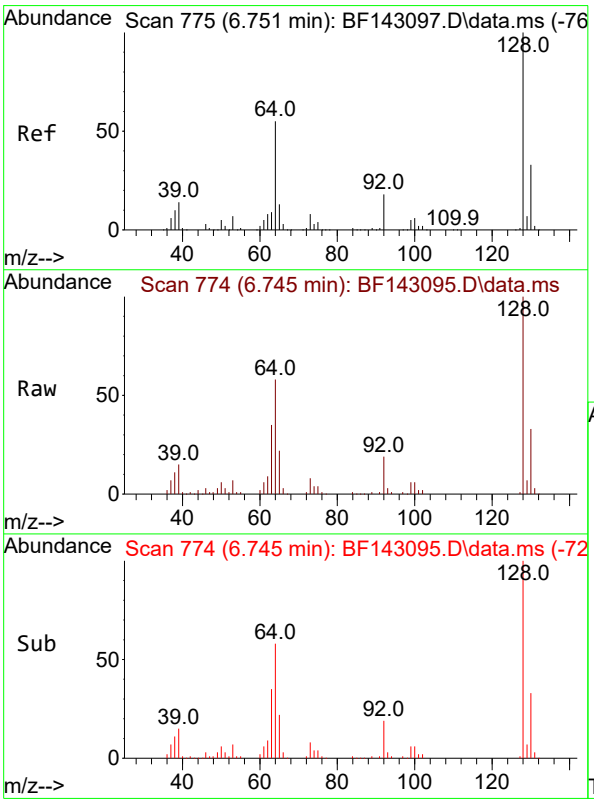
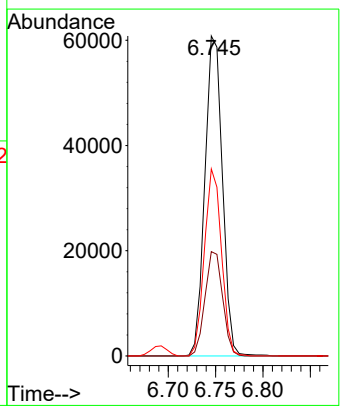
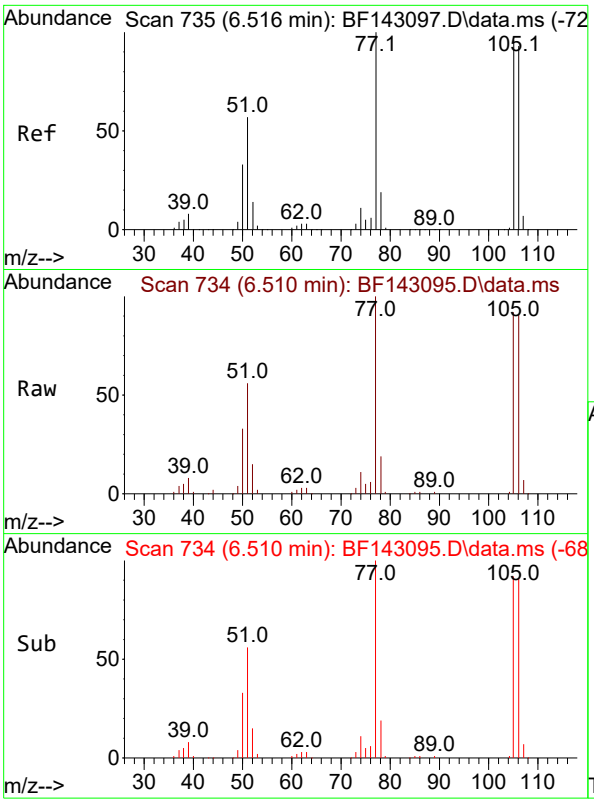


#8
2-Chlorophenol
Concen: 9.498 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:128 Resp: 78009

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	58.5	36.1	76.1

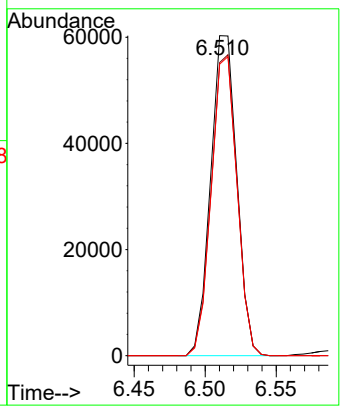




#9
Benzaldehyde
Concen: 9.862 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 77 Resp: 7721

Ion	Ratio	Lower	Upper
77	100		
105	91.6	76.3	116.3
106	91.1	72.8	112.8



Instrument :
BNA_F
ClientSampleId :
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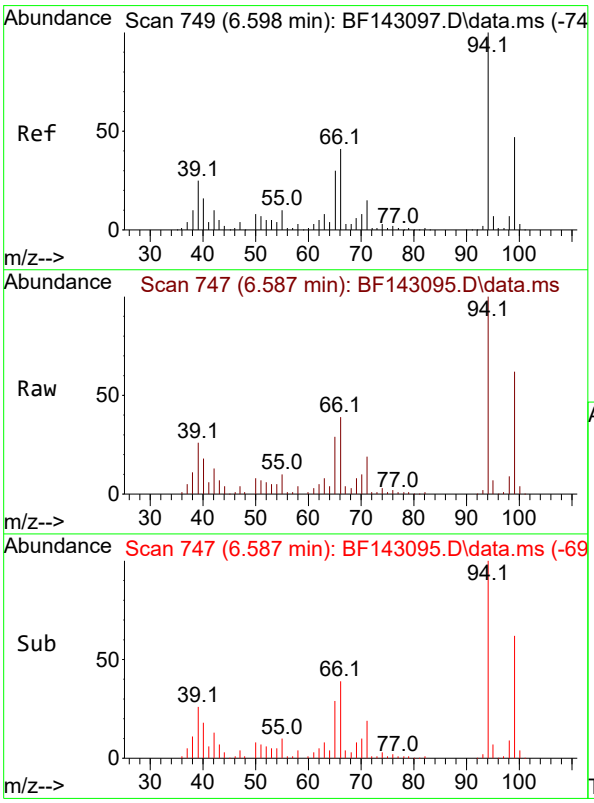
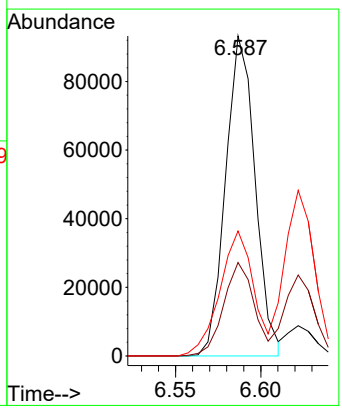
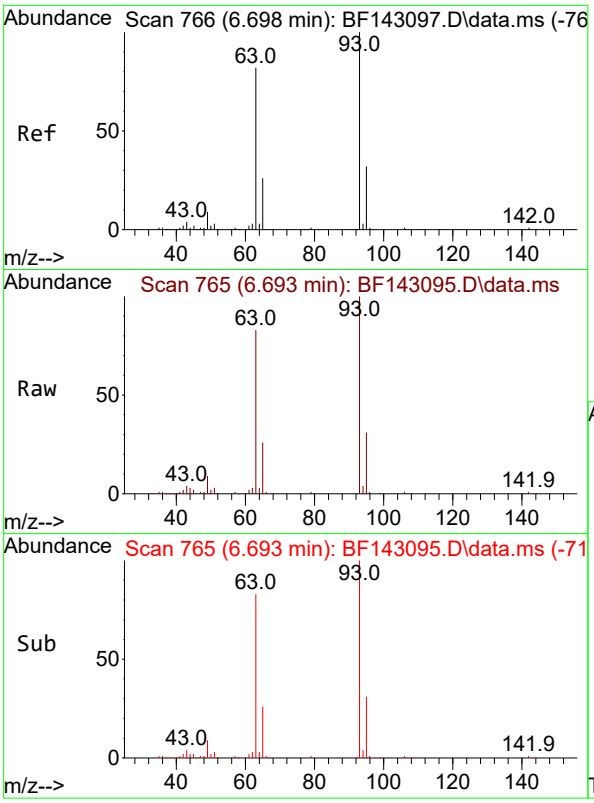


#10
Phenol
Concen: 10.114 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 94 Resp: 112508

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.8	49.8
66	39.1	20.5	60.5





#11
bis(2-Chloroethyl)ether
Concen: 10.224 ng
RT: 6.693 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 93 Resp: 8804

Ion	Ratio	Lower	Upper
93	100		
63	82.9	61.9	101.9
95	31.1	12.2	52.2

Instrument :
BNA_F
ClientSampleId :
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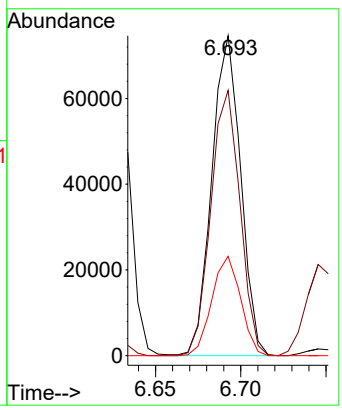
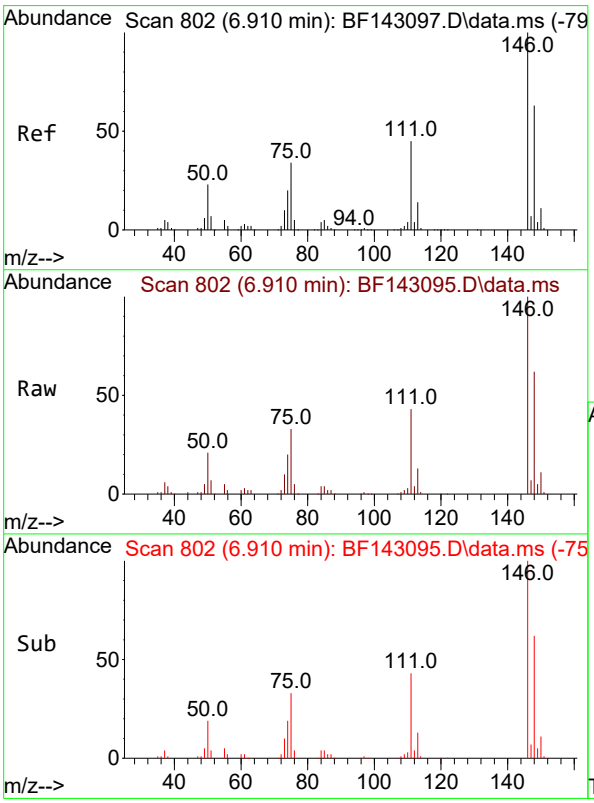
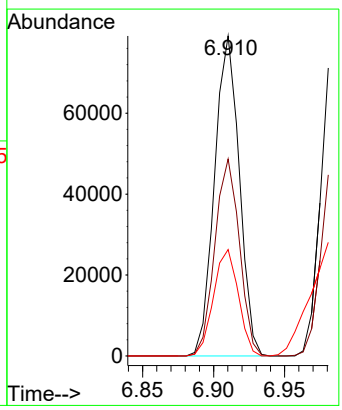


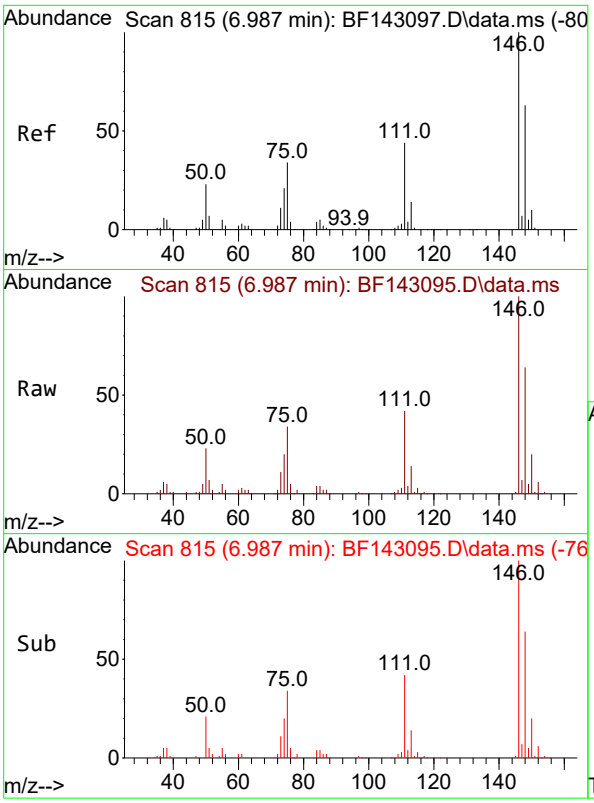


#12
1,3-Dichlorobenzene
Concen: 10.313 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:146 Resp: 95695

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.1	75.1
75	33.3	27.4	41.0

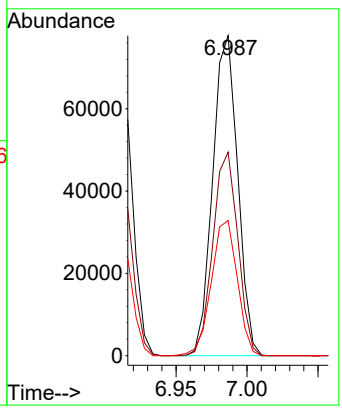




#13
1,4-Dichlorobenzene
Concen: 10.191 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:146 Resp: 9513

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	42.2	35.0	52.6



Instrument :
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ClientSampleId :
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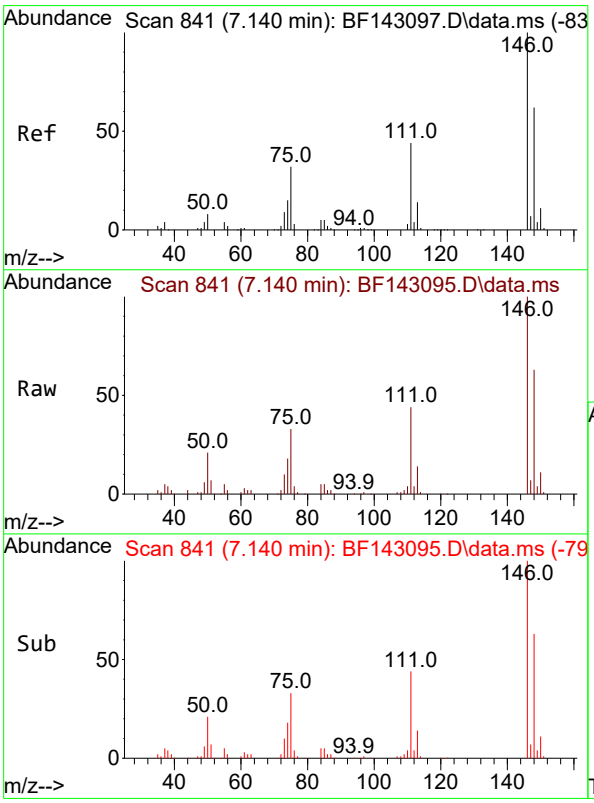
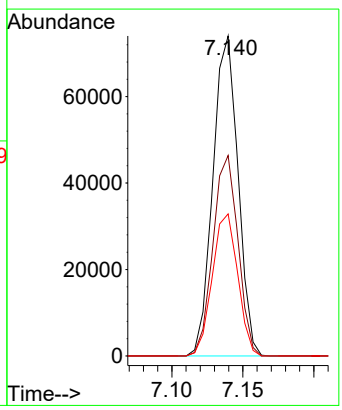
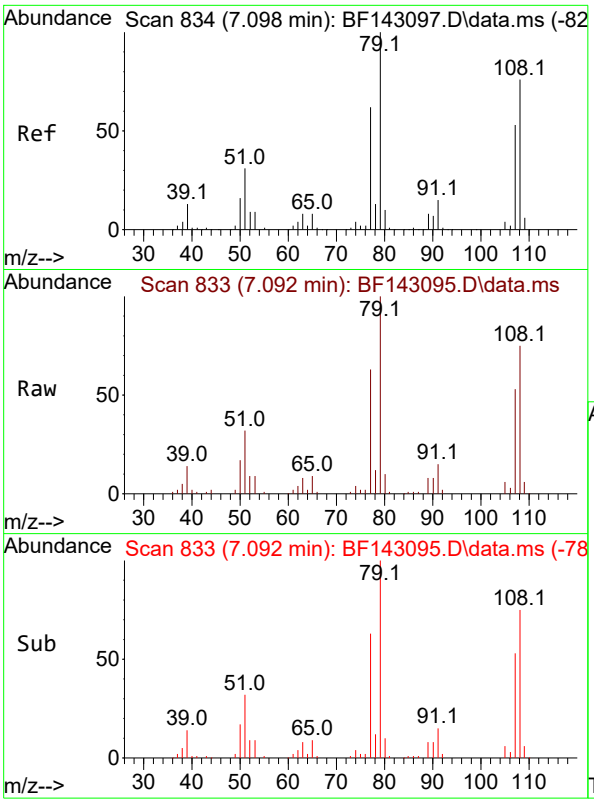


#14
1,2-Dichlorobenzene
Concen: 10.218 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:146 Resp: 90960

Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.8	74.6
111	44.4	35.4	53.0





#15
Benzyl Alcohol
Concen: 9.554 ng
RT: 7.092 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 79 Resp: 7274

Ion	Ratio	Lower	Upper
79	100		
108	74.9	61.1	91.7
77	62.8	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
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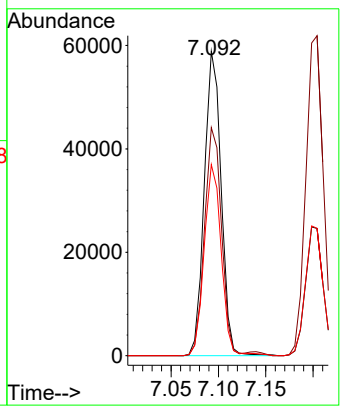
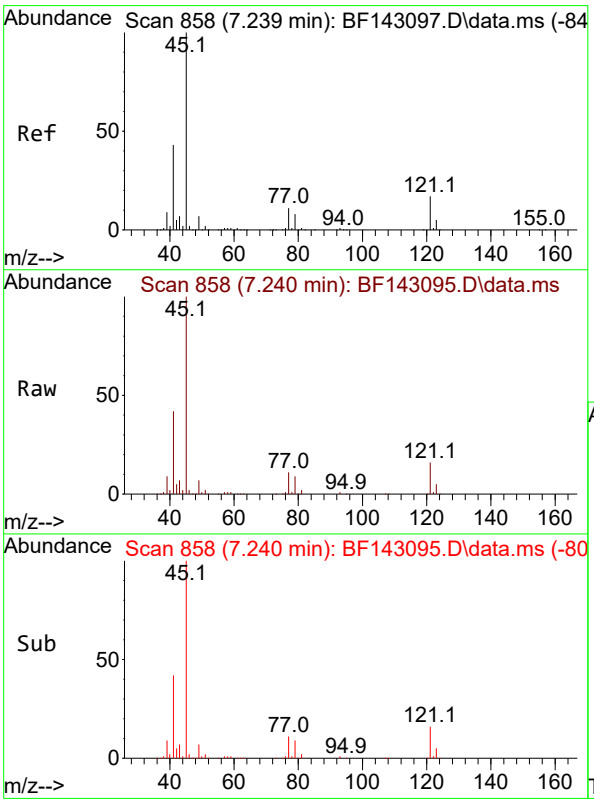
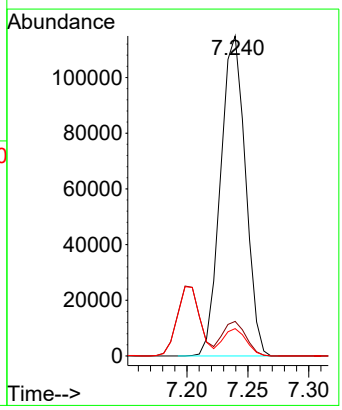


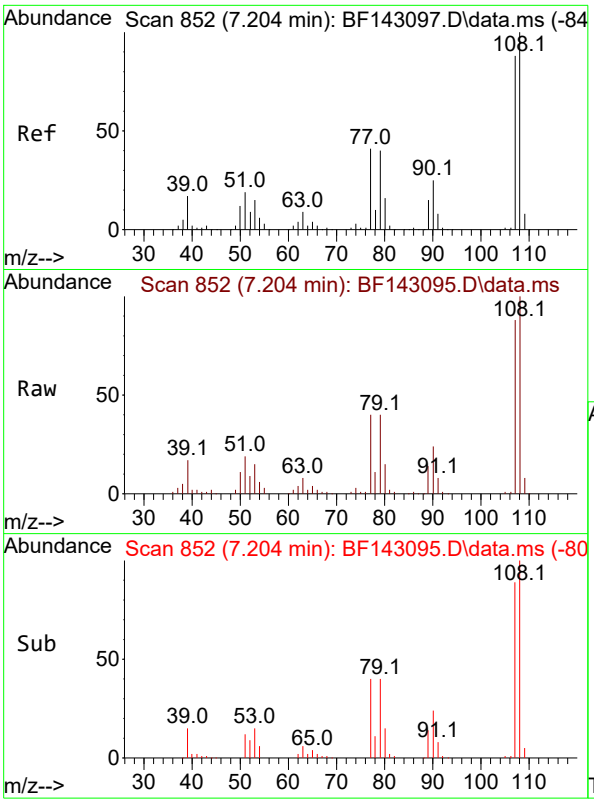


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.299 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 45 Resp: 163494

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.1
79	8.6	0.0	28.4

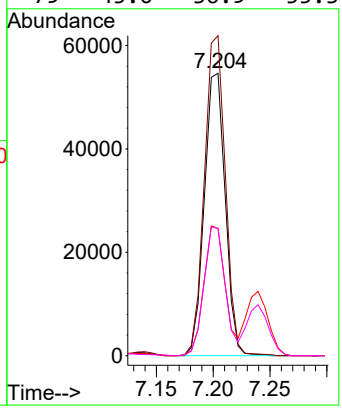




#17
2-Methylphenol
Concen: 9.849 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:107 Resp: 6980

Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	45.1	37.5	56.3
79	45.0	36.9	55.3



Instrument :
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ClientSampleId :
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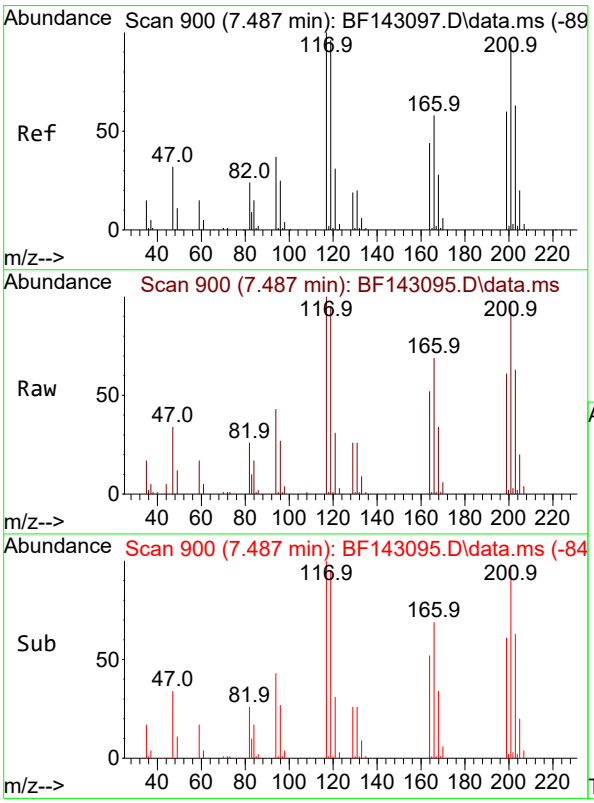
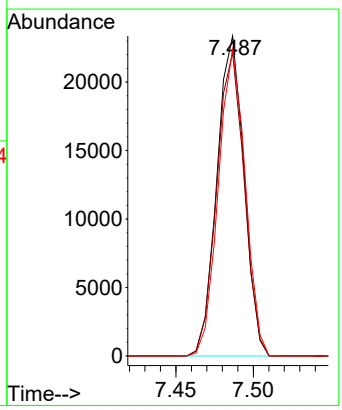
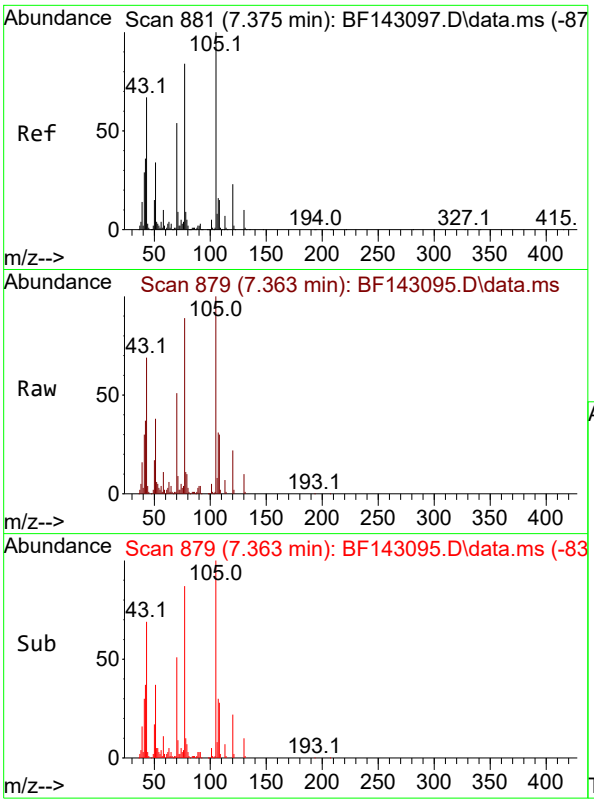


#18
Hexachloroethane
Concen: 9.345 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:117 Resp: 28400

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.7	115.1
201	95.9	75.0	112.4

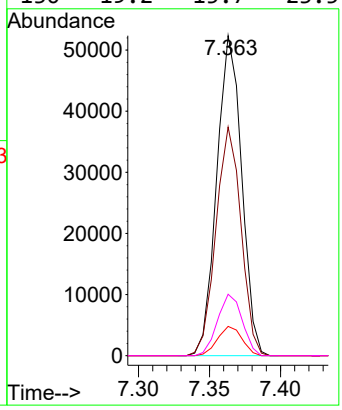




#19
n-Nitroso-di-n-propylamine
Concen: 10.139 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 70 Resp: 6383

Ion	Ratio	Lower	Upper
70	100		
42	71.4	53.2	79.8
101	9.2	7.5	11.3
130	19.2	15.7	23.5



Instrument :
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ClientSampleId :
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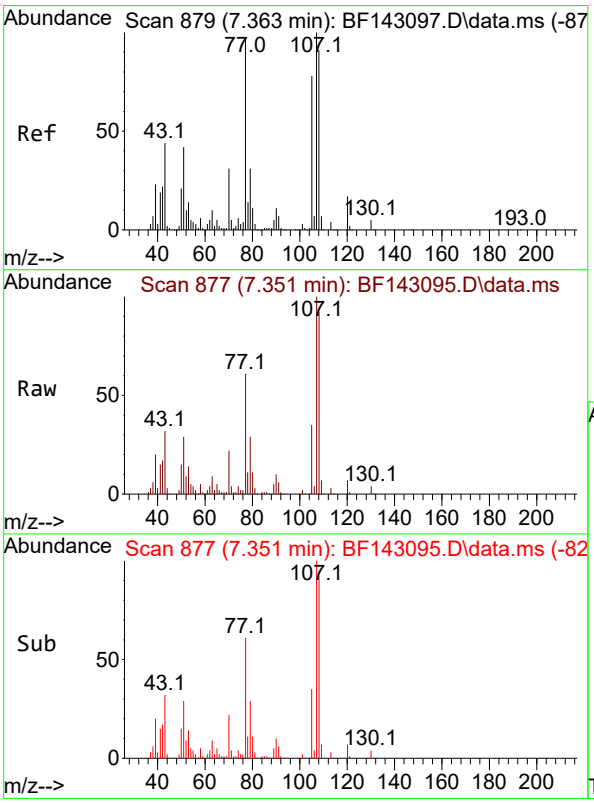
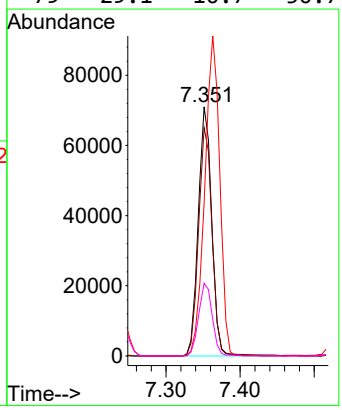
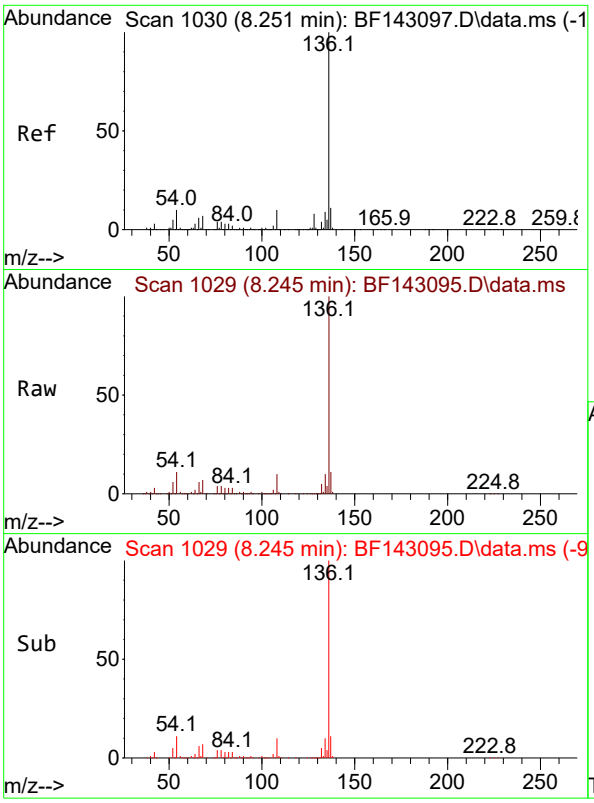


#20
3+4-Methylphenols
Concen: 10.391 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:107 Resp: 90318

Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.3	111.3
77	61.4	77.2	117.2#
79	29.1	10.7	50.7

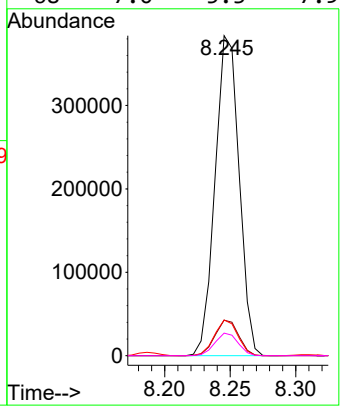




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:136 Resp: 48863

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.2	8.3	12.5
68	7.0	5.3	7.9



Instrument :
BNA_F
ClientSampleId :
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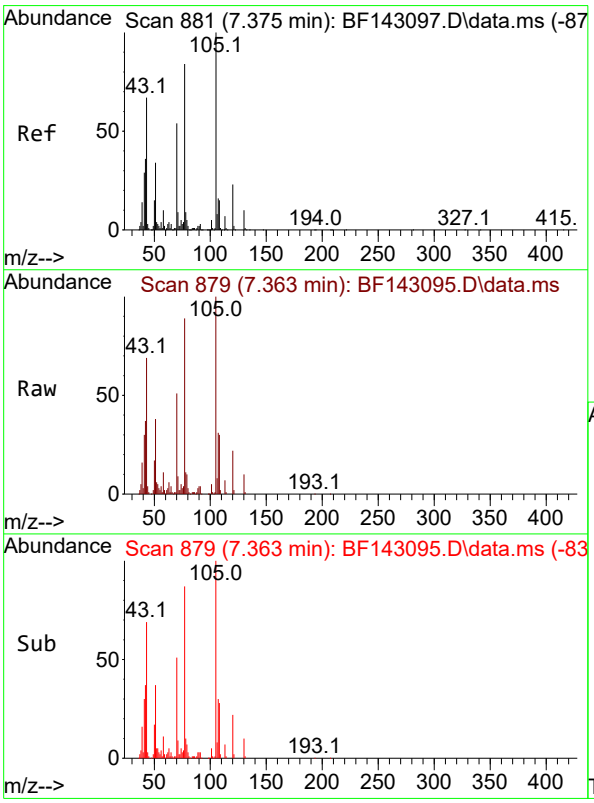
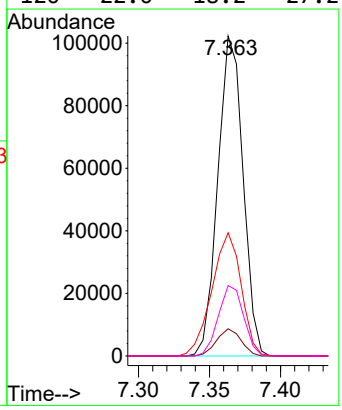
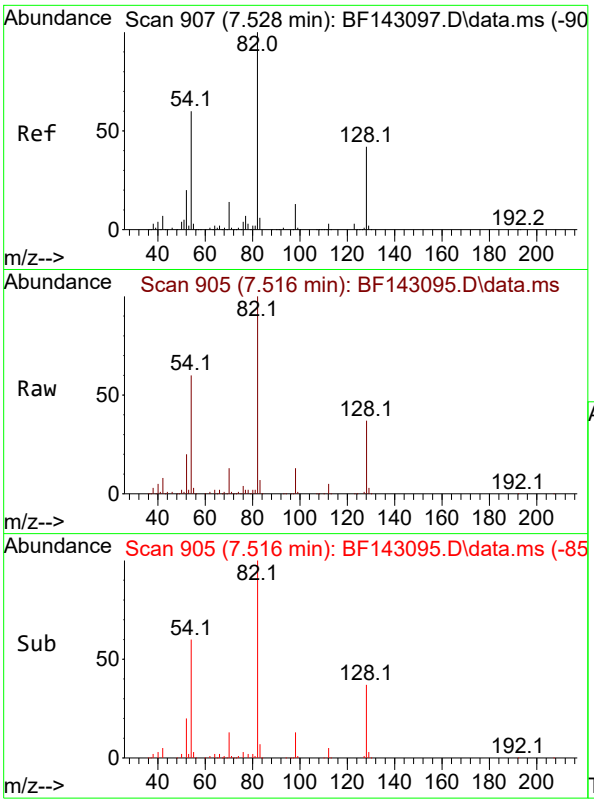


#22
Acetophenone
Concen: 10.708 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:105 Resp: 126127

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.2	10.8
51	38.5	27.0	40.4
120	22.0	18.2	27.2

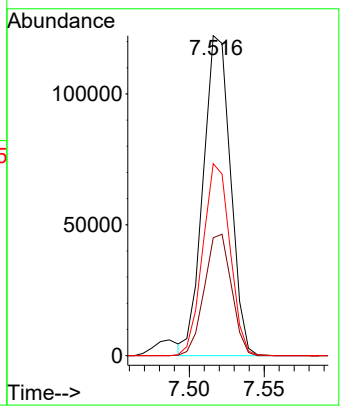




#23
Nitrobenzene-d5
Concen: 17.910 ng m
RT: 7.516 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 82 Resp: 15600

Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.3	49.9
54	60.0	47.4	71.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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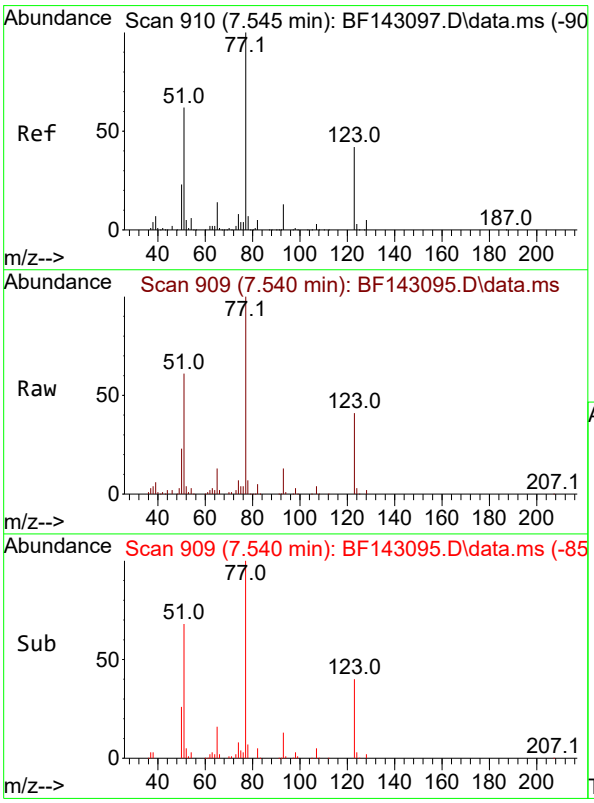
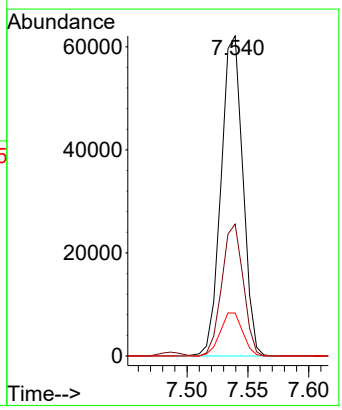
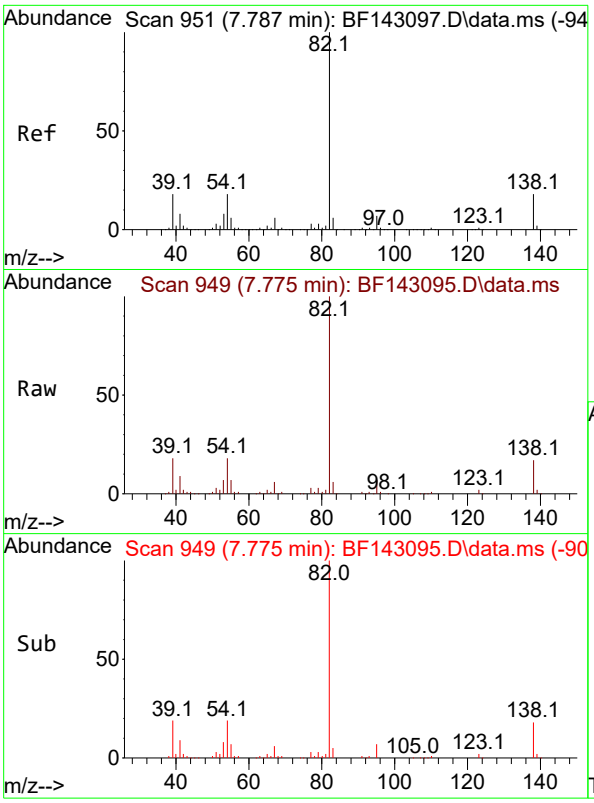


#24
Nitrobenzene
Concen: 9.201 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 77 Resp: 77369

Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.5	51.7
65	13.4	11.3	16.9

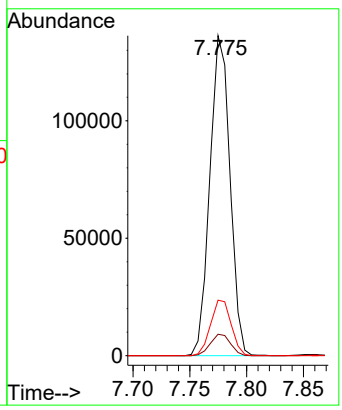




#25
Isophorone
Concen: 9.978 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 82 Resp: 16798

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	17.4	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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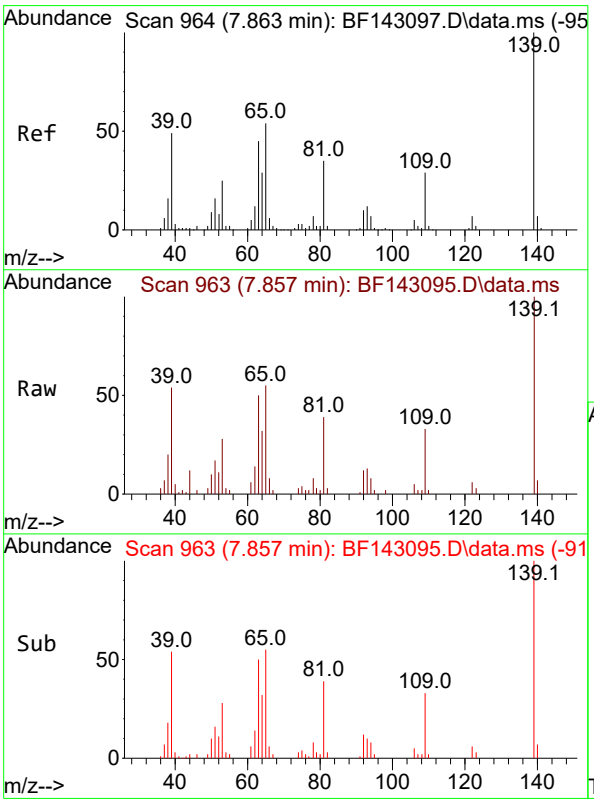
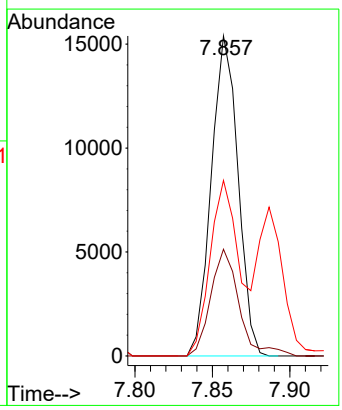
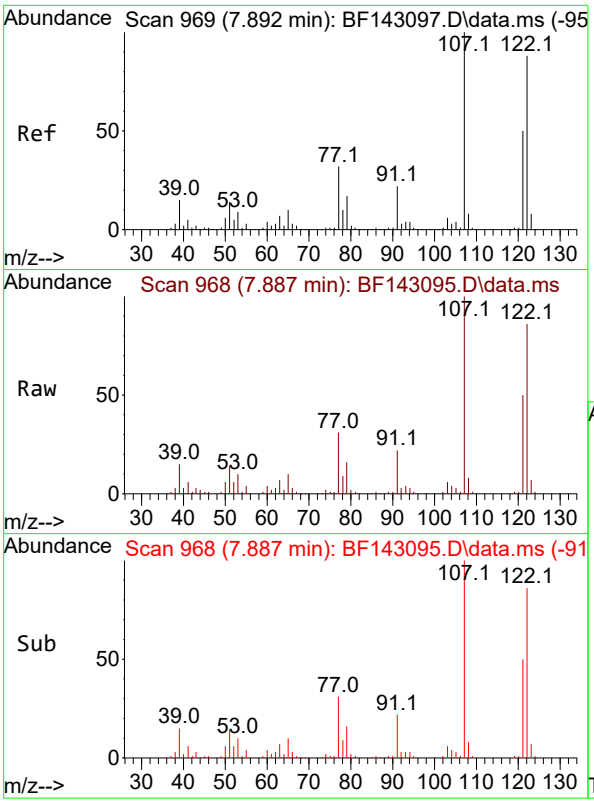


#26
2-Nitrophenol
Concen: 8.966 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:139 Resp: 18432

Ion	Ratio	Lower	Upper
139	100		
109	33.4	23.4	35.0
65	54.8	43.4	65.2

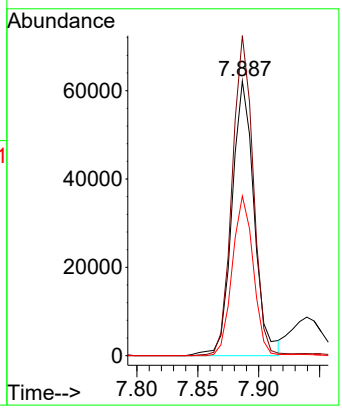




#27
2,4-Dimethylphenol
Concen: 10.072 ng
RT: 7.887 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:122 Resp: 7870

Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.3	136.9
121	58.1	45.5	68.3



Instrument :
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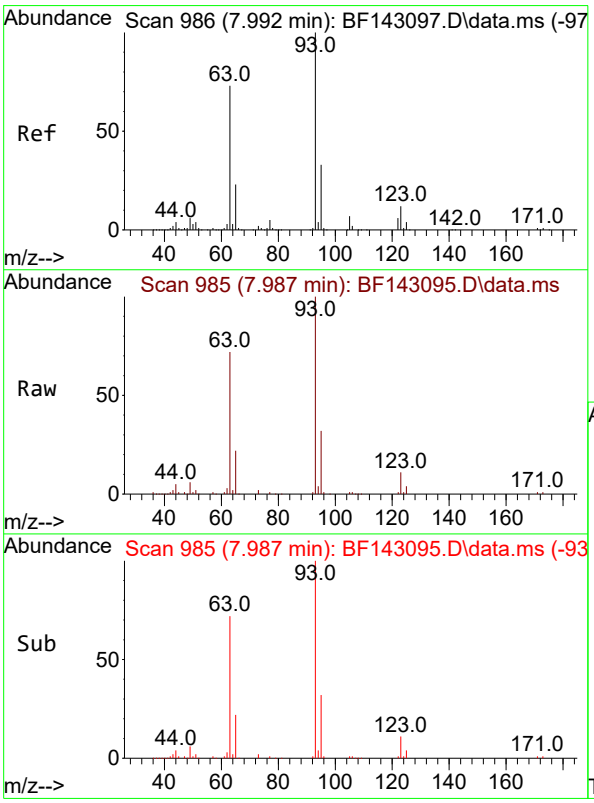
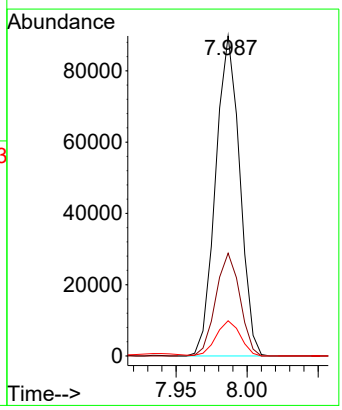
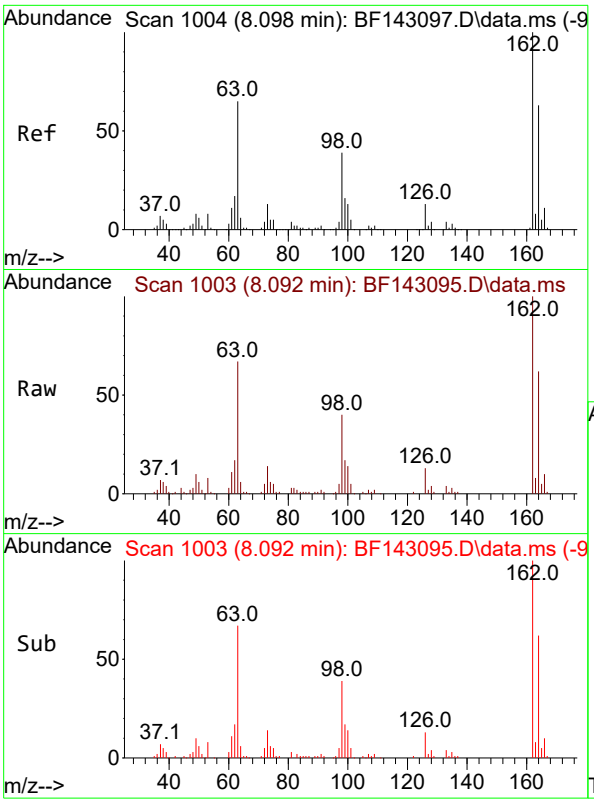


#28
bis(2-Chloroethoxy)methane
Concen: 10.387 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 93 Resp: 106045

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.0	9.6	14.4

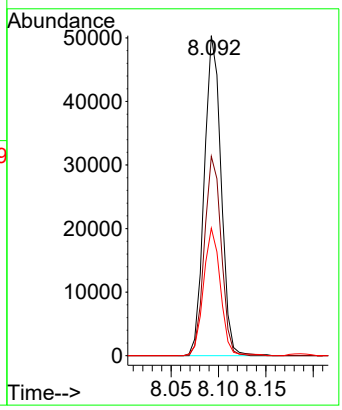




#29
2,4-Dichlorophenol
Concen: 9.724 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:162 Resp: 6216

Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.1	83.1
98	39.8	19.2	59.2



Instrument :
BNA_F
ClientSampleId :
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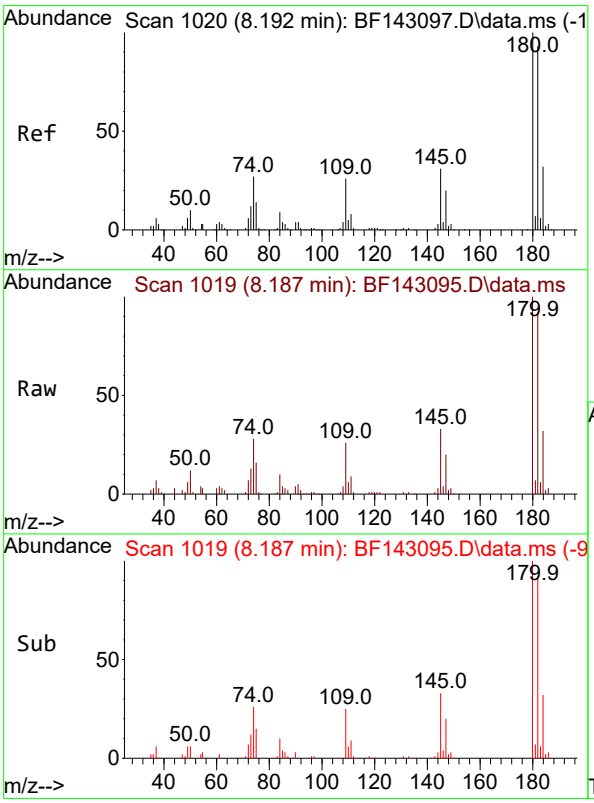
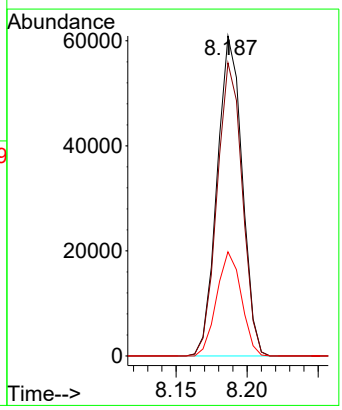
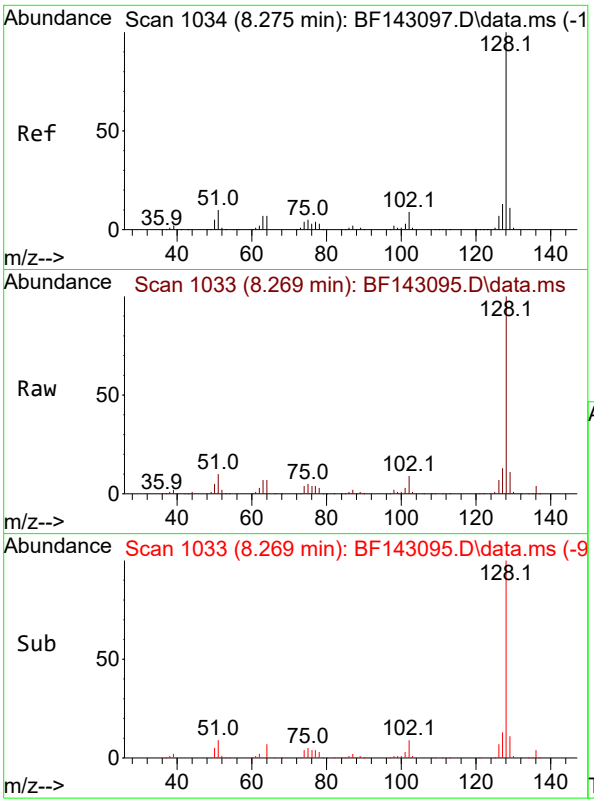


#30
1,2,4-Trichlorobenzene
Concen: 10.280 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:180 Resp: 74581

Ion	Ratio	Lower	Upper
180	100		
182	91.6	74.7	112.1
145	32.5	24.5	36.7





#31
Naphthalene
Concen: 10.551 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:128 Resp: 25603

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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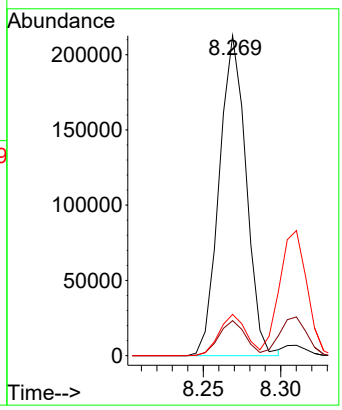
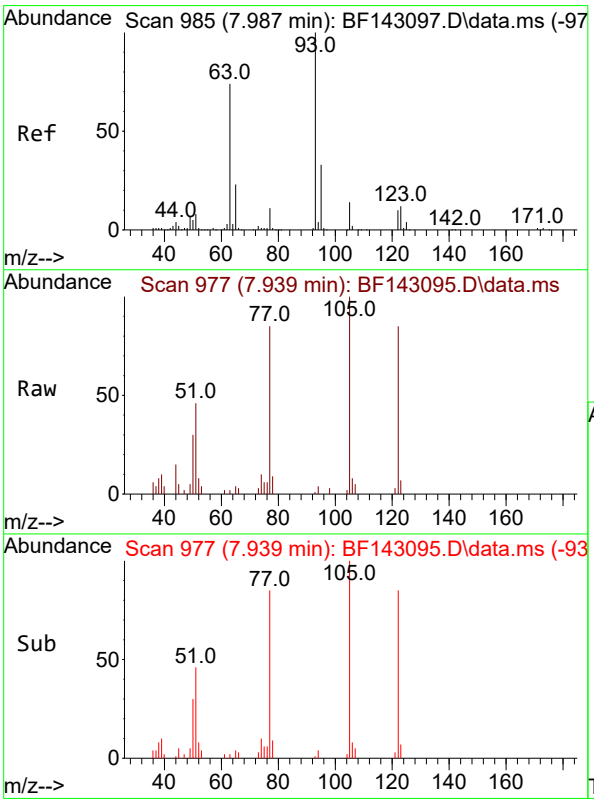
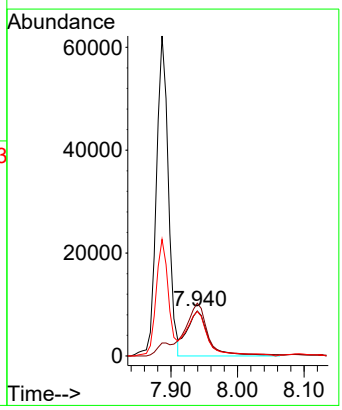


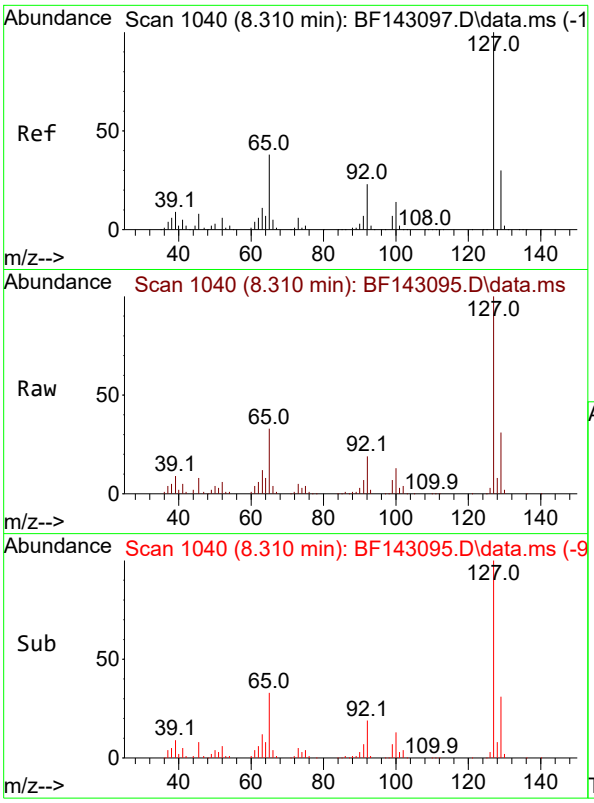


#32
Benzoic acid
Concen: 10.880 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.048 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:122 Resp: 19661

Ion	Ratio	Lower	Upper
122	100		
105	117.5	105.4	145.4
77	99.5	78.6	118.6

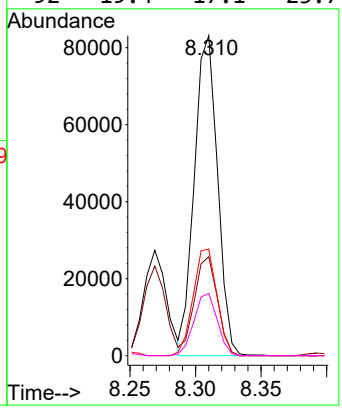




#33
4-Chloroaniline
Concen: 10.510 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:127 Resp: 10255

Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.4
65	33.3	28.6	42.8
92	19.4	17.1	25.7



Instrument :
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ClientSampleId :
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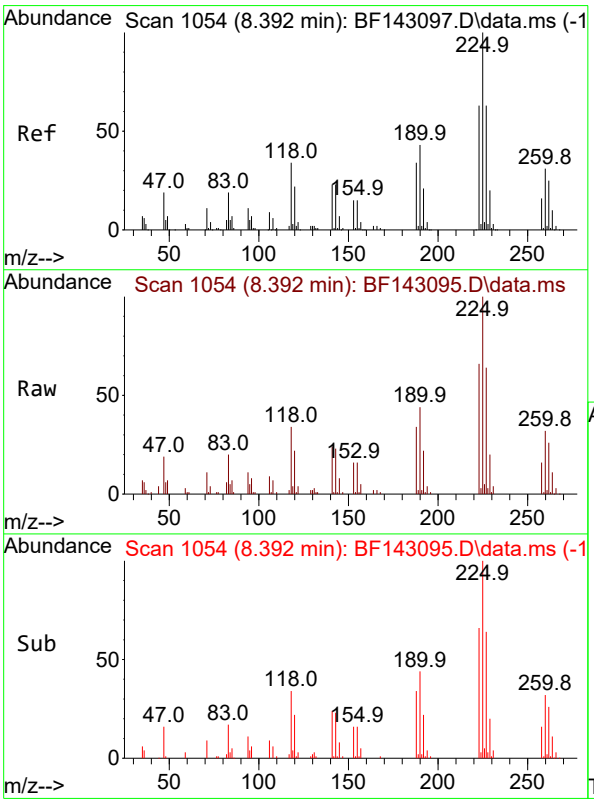
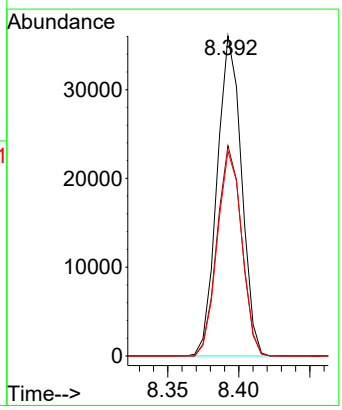
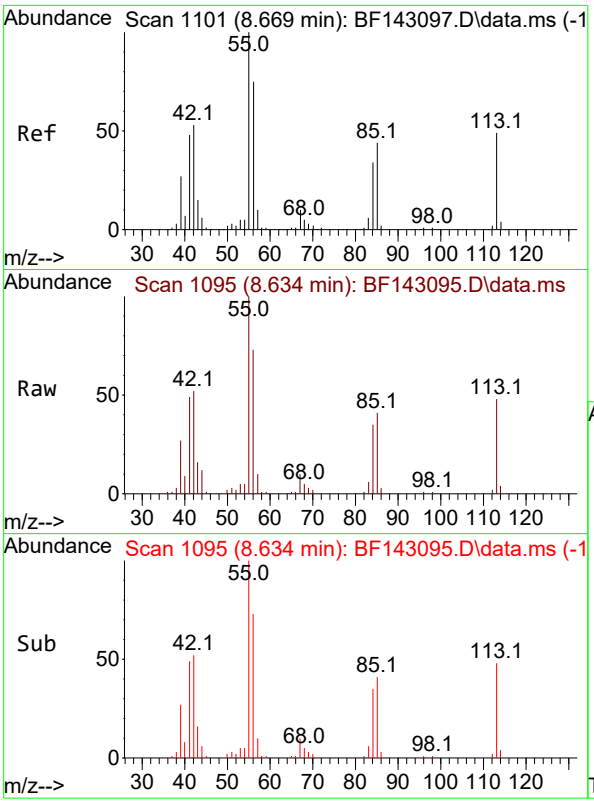


#34
Hexachlorobutadiene
Concen: 9.901 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:225 Resp: 42959

Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.3	75.5
227	63.9	50.1	75.1





#35
Caprolactam
Concen: 8.944 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:113 Resp: 1785

Ion	Ratio	Lower	Upper
113	100		
55	206.2	186.2	226.2
56	150.0	134.1	174.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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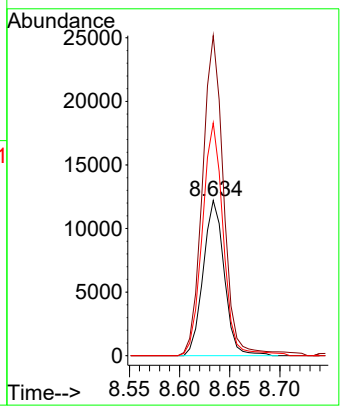
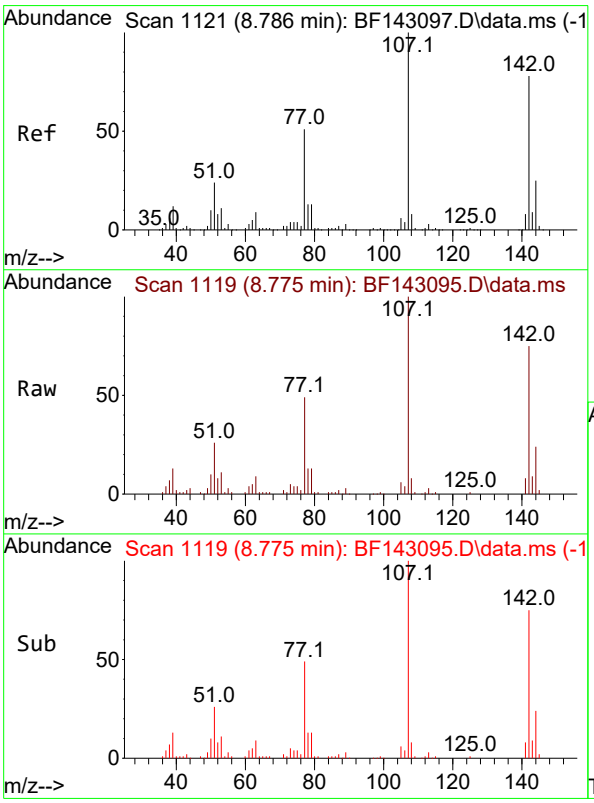
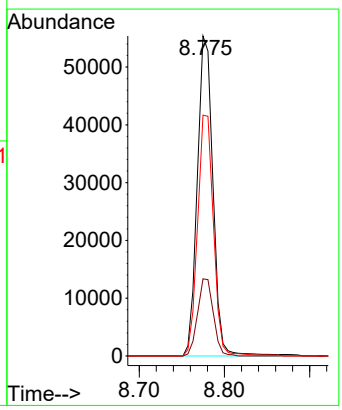


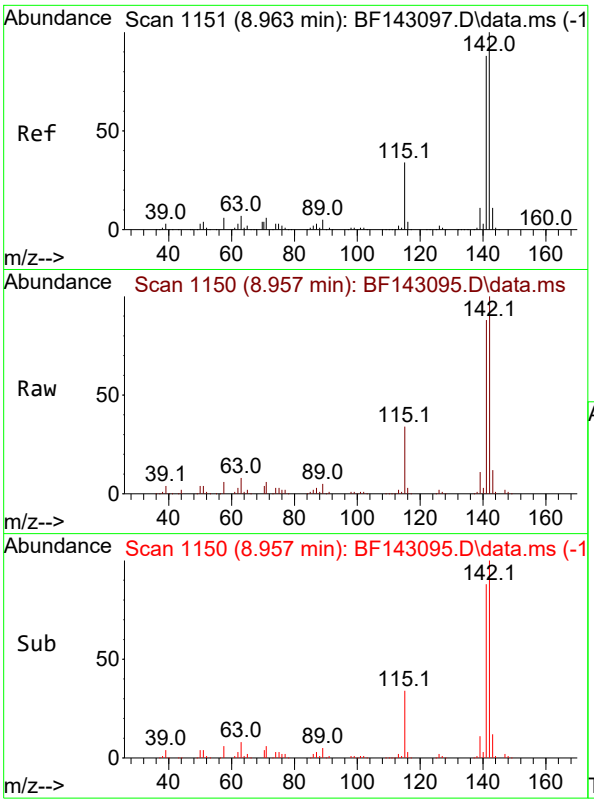


#36
4-Chloro-3-methylphenol
Concen: 9.935 ng
RT: 8.775 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:107 Resp: 70747

Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.2	30.2
142	75.2	62.4	93.6





#37
2-Methylnaphthalene
Concen: 10.557 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:142 Resp: 15282

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.2

Instrument :
BNA_F
ClientSampleId :
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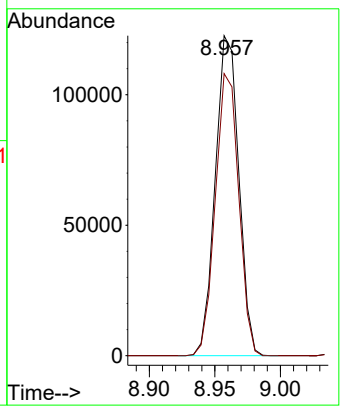
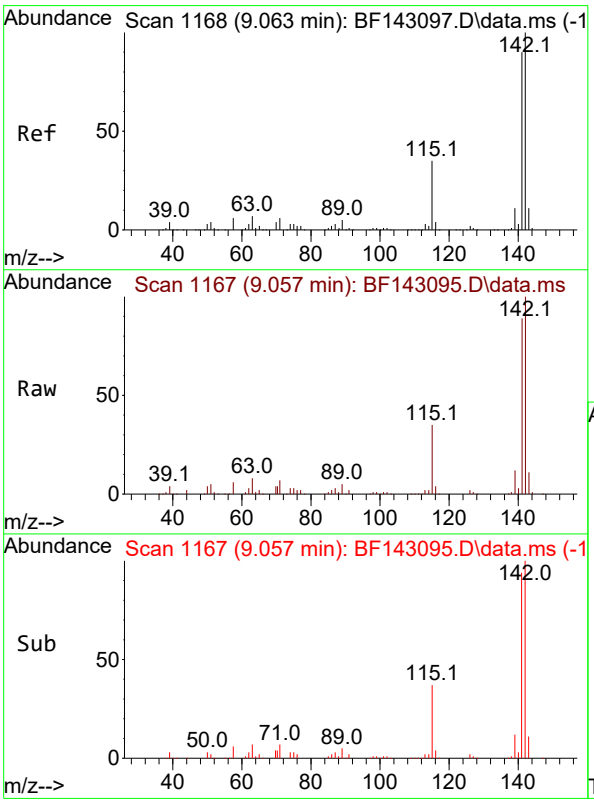
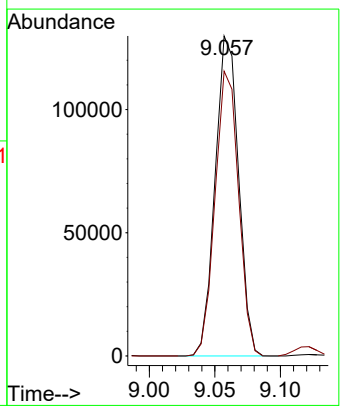


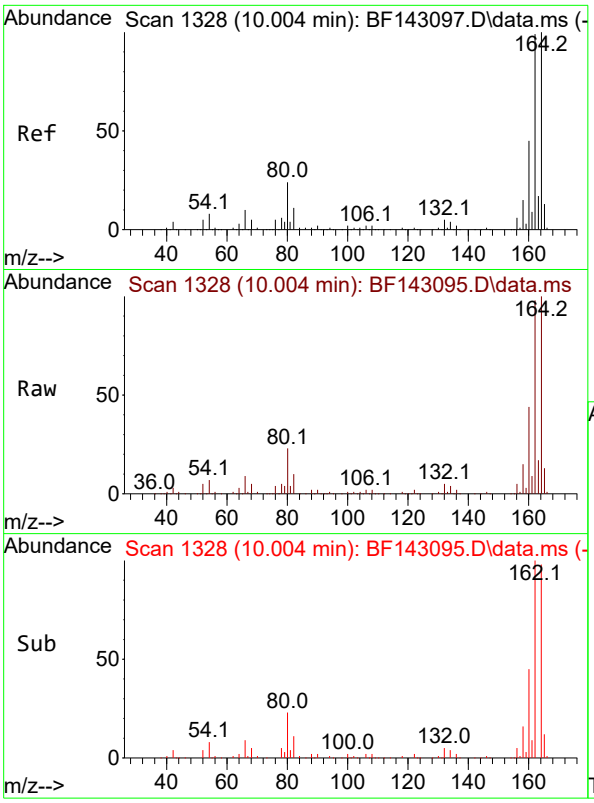


#38
1-Methylnaphthalene
Concen: 10.739 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:142 Resp: 161228

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 24801

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.0	118.6
160	44.3	35.8	53.6

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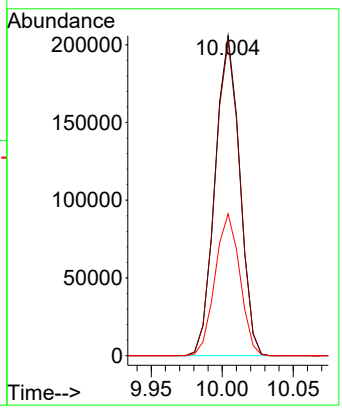
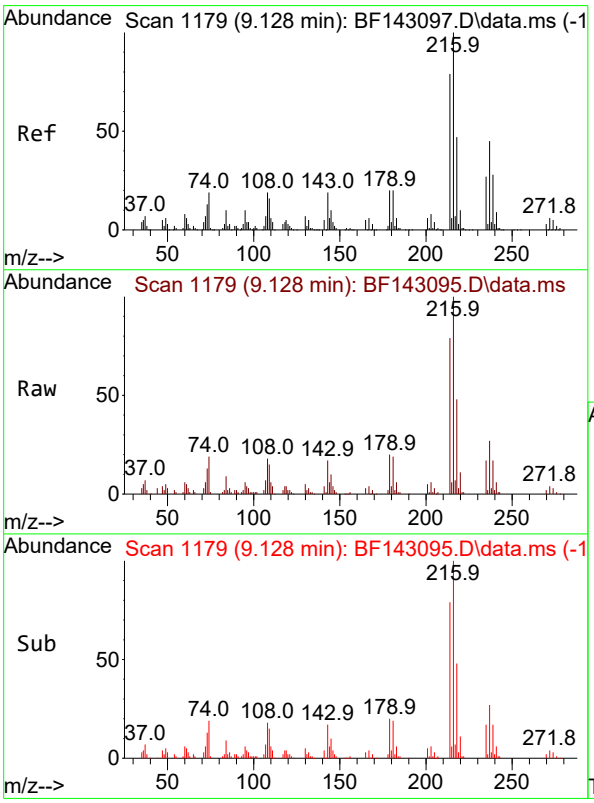
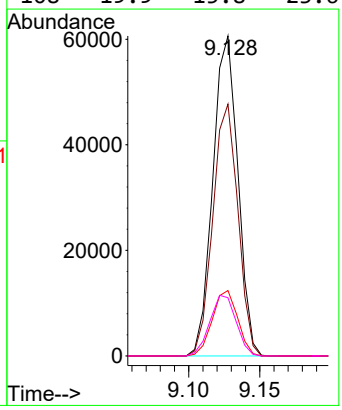


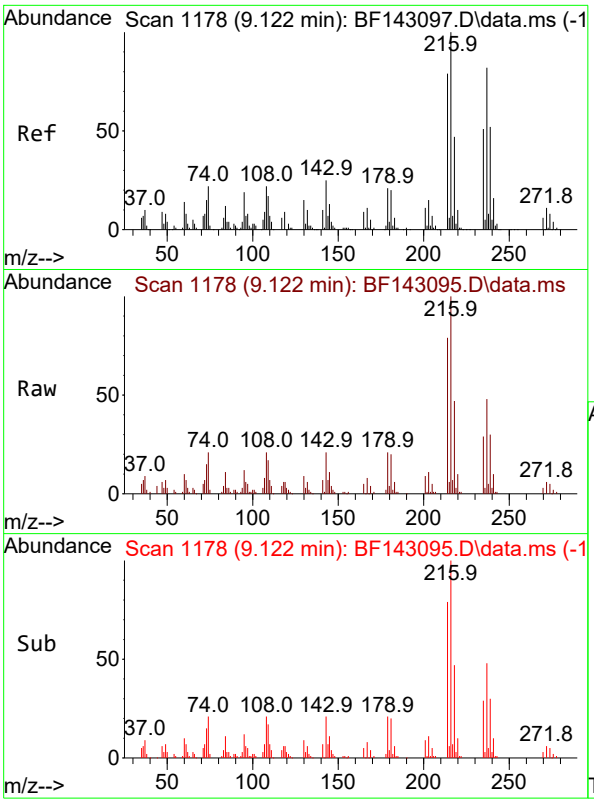


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.287 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:216 Resp: 74348

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.7	16.2	24.2
108	19.9	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 7.854 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:237 Resp: 3147

Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.6	81.6
272	12.6	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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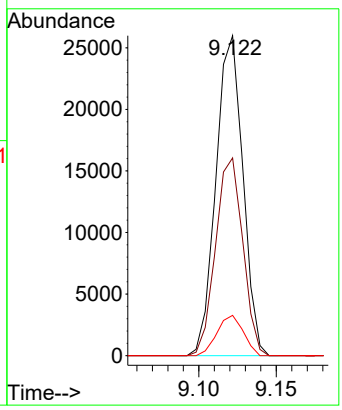
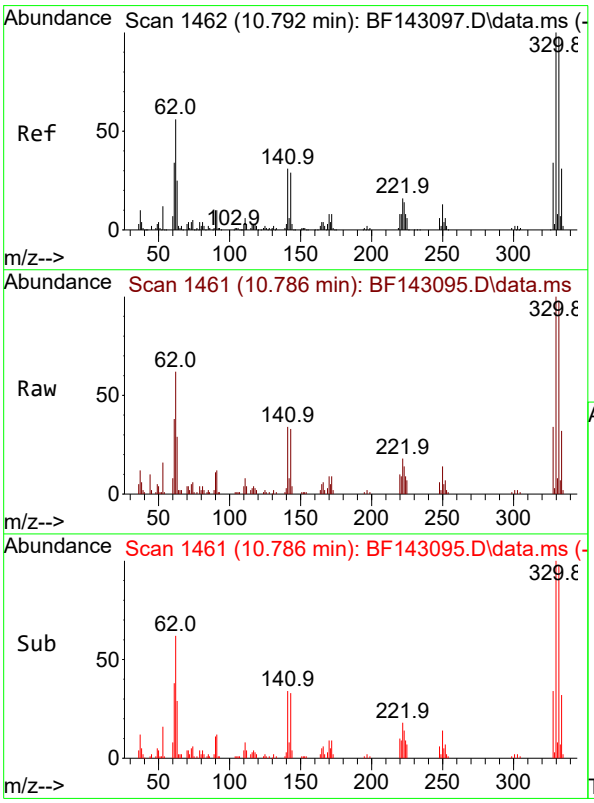
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

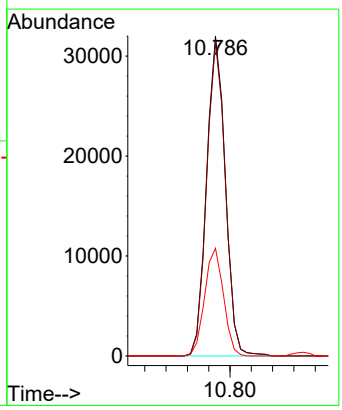


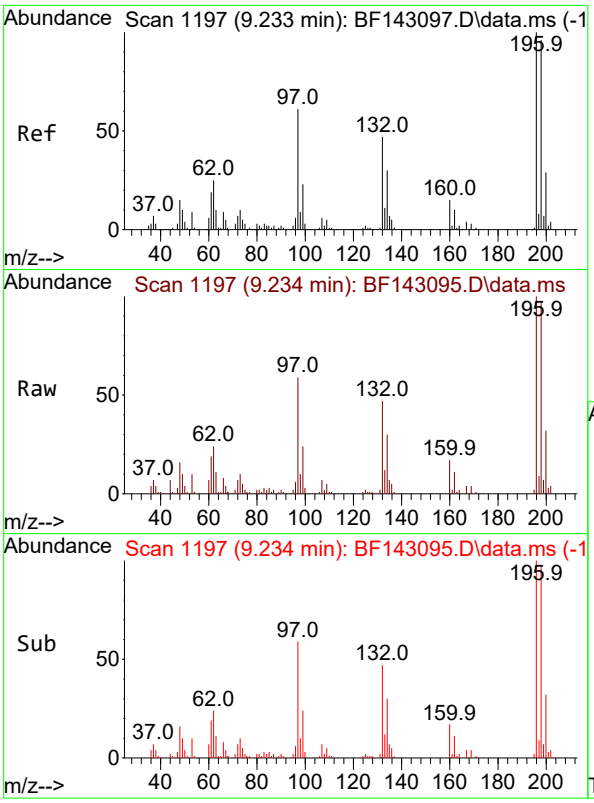


#42
2,4,6-Tribromophenol
Concen: 17.661 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:330 Resp: 39055

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.9	116.9
141	33.8	25.9	38.9

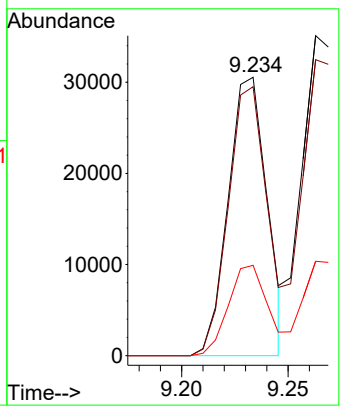




#43
2,4,6-Trichlorophenol
Concen: 8.628 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:196 Resp: 3874

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.9	115.3
200	32.5	23.5	35.3



Instrument :
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ClientSampleId :
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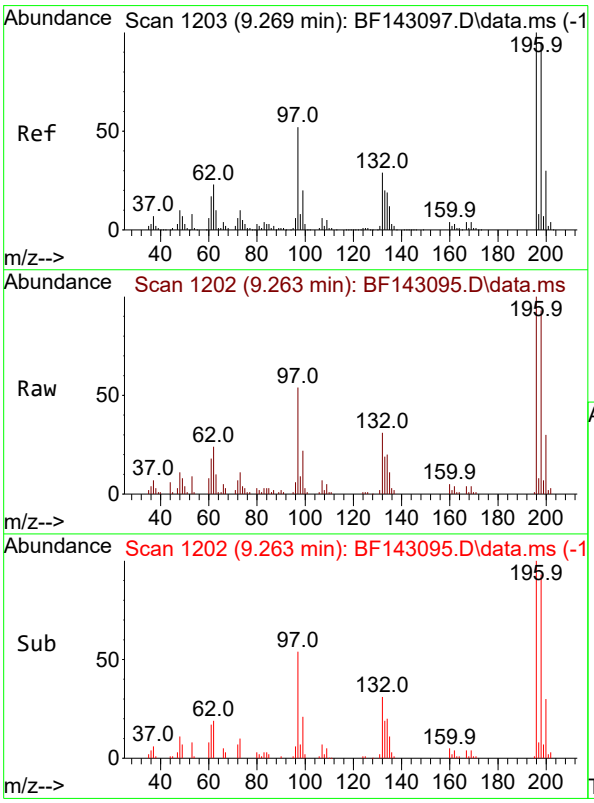
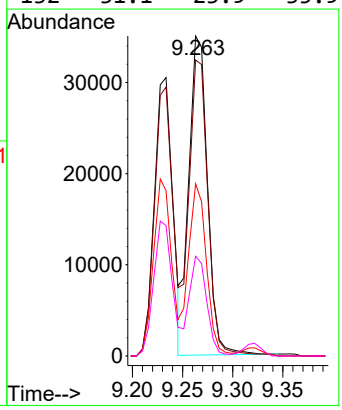
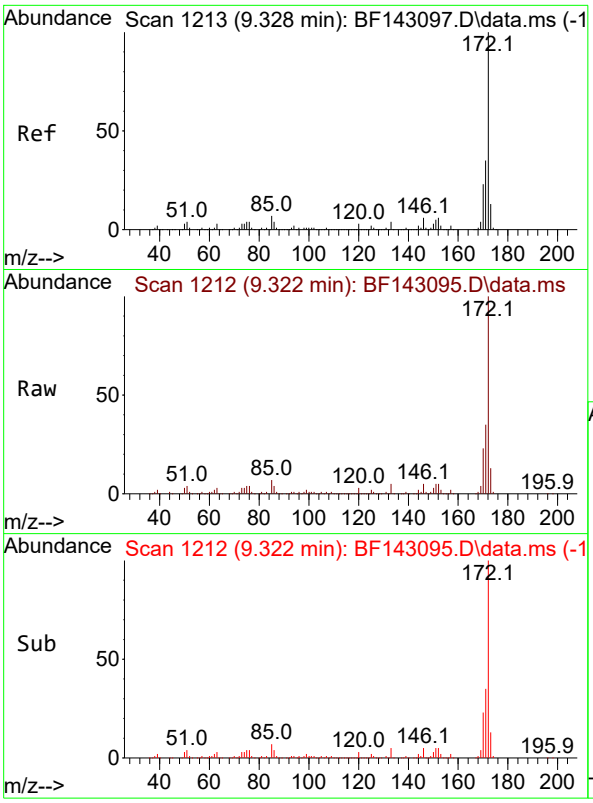


#44
2,4,5-Trichlorophenol
Concen: 9.653 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:196 Resp: 45455

Ion	Ratio	Lower	Upper
196	100		
198	92.5	76.4	114.6
97	53.8	42.4	63.6
132	31.1	23.9	35.9





#45
2-Fluorobiphenyl
Concen: 21.860 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:172 Resp: 40786

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.0	18.6	28.0

Instrument :
BNA_F
ClientSampleId :
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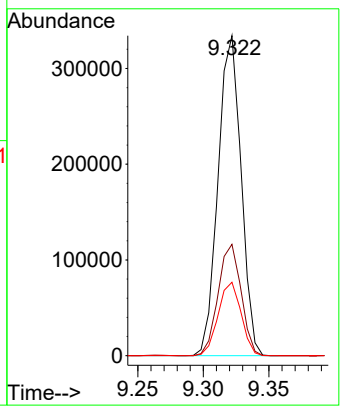
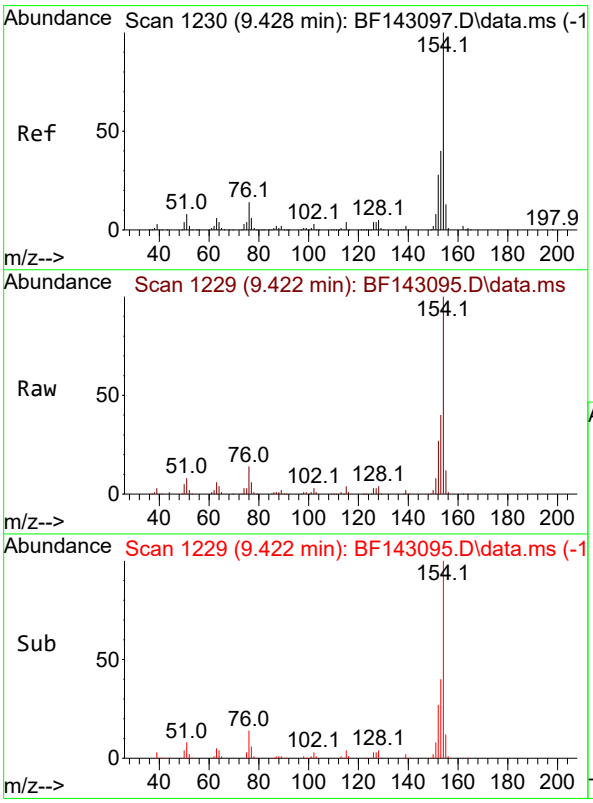
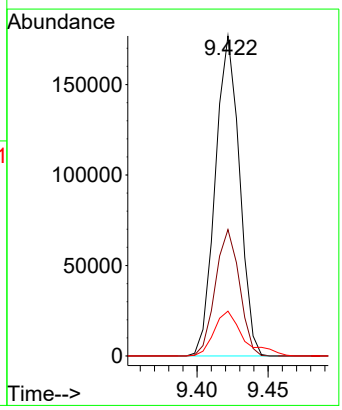


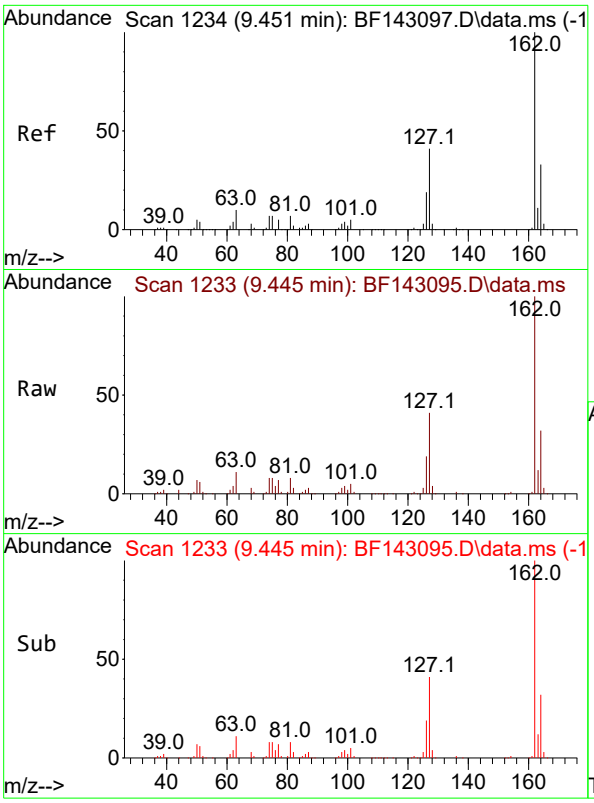


#46
1,1'-Biphenyl
Concen: 10.580 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:154 Resp: 209259

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.1	60.1
76	14.0	0.0	33.7

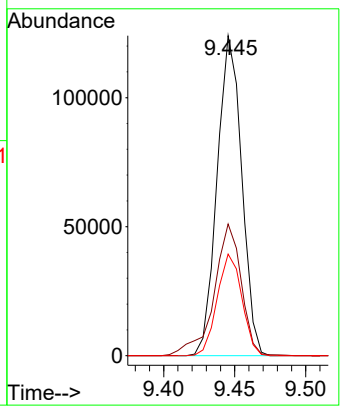




#47
2-Chloronaphthalene
Concen: 10.267 ng
RT: 9.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:162 Resp: 14917

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.0	49.6
164	31.8	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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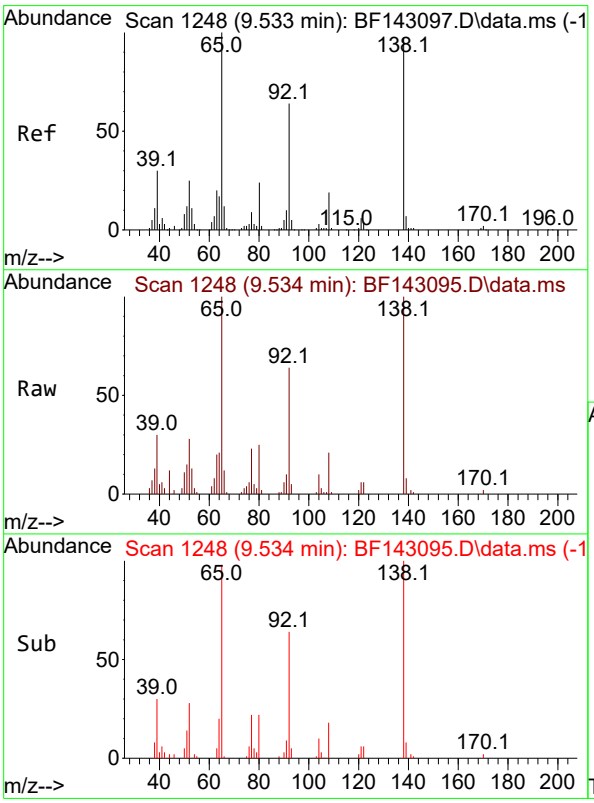
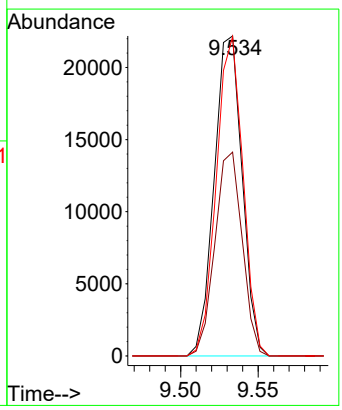
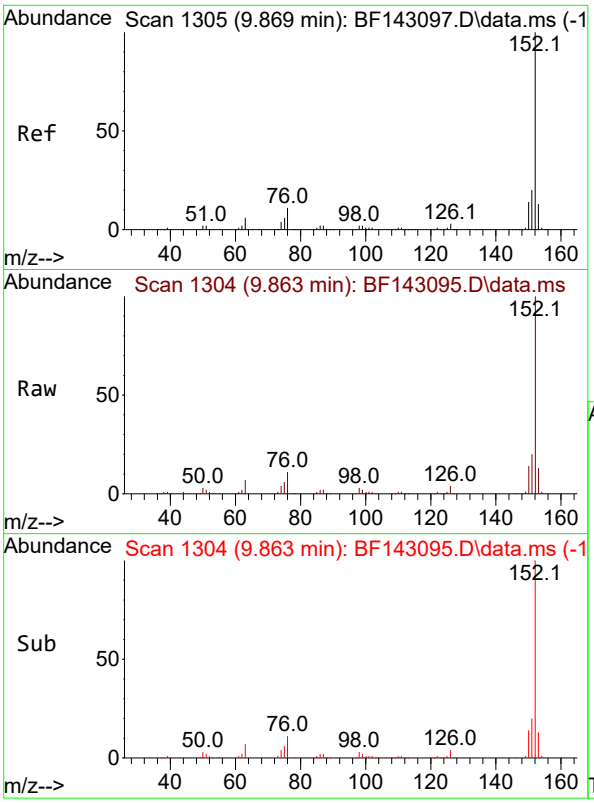


#48
2-Nitroaniline
Concen: 9.163 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.001 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 65 Resp: 27816

Ion	Ratio	Lower	Upper
65	100		
92	63.7	51.3	76.9
138	99.7	77.8	116.6

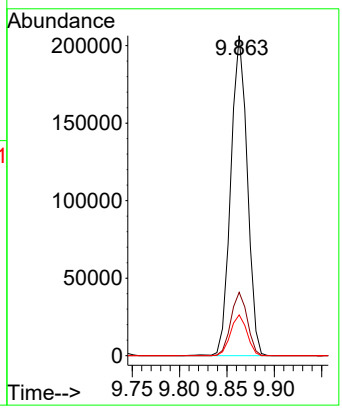




#49
Acenaphthylene
Concen: 10.302 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:152 Resp: 24943

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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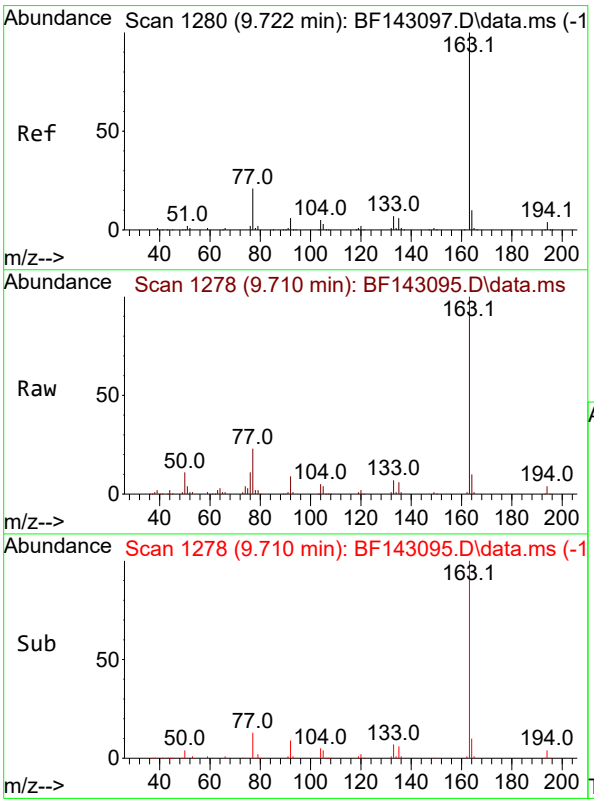
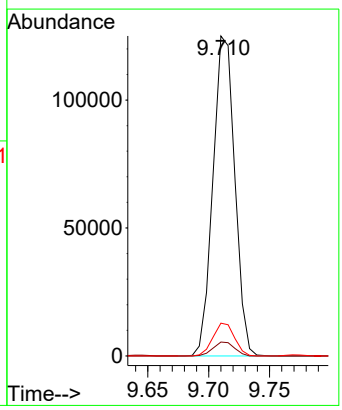
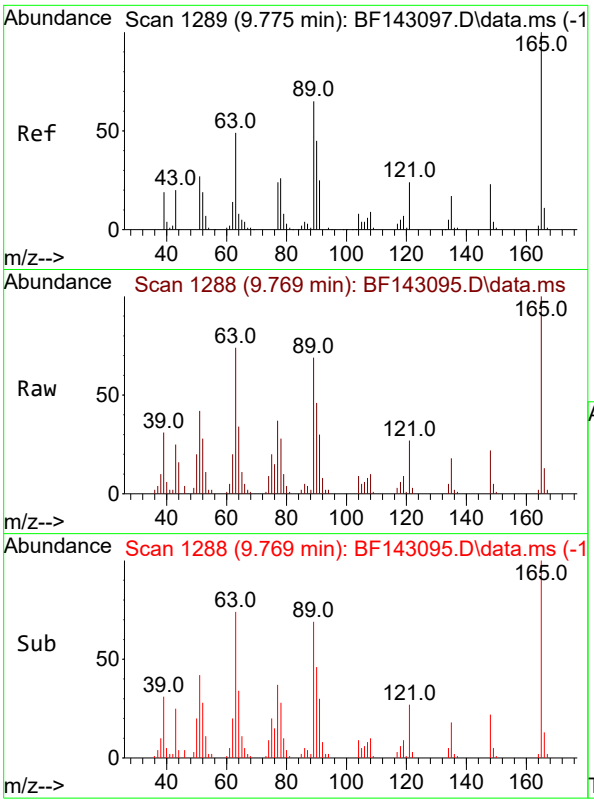


#50
Dimethylphthalate
Concen: 10.003 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:163 Resp: 156072

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2

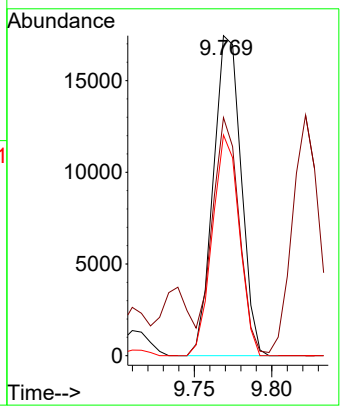




#51
2,6-Dinitrotoluene
Concen: 9.451 ng
RT: 9.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:165 Resp: 2178

Ion	Ratio	Lower	Upper
165	100		
63	74.4	57.4	86.0
89	69.0	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
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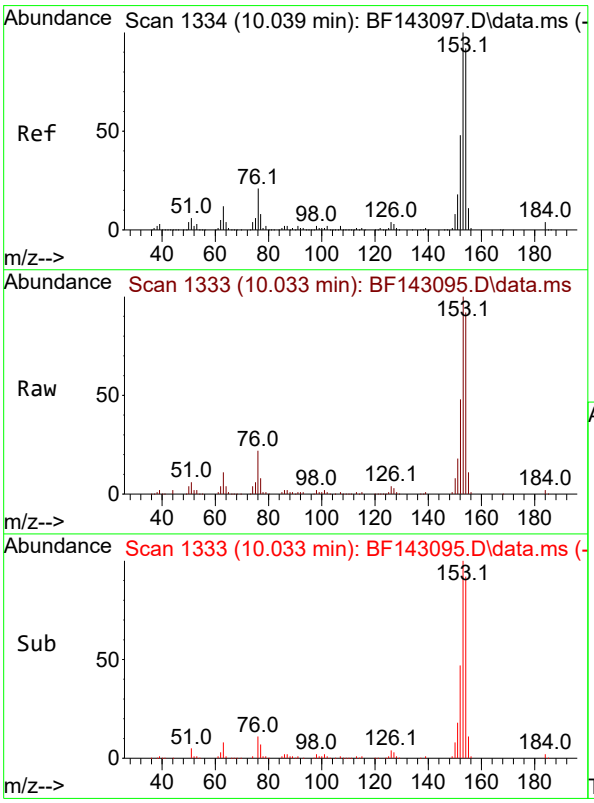
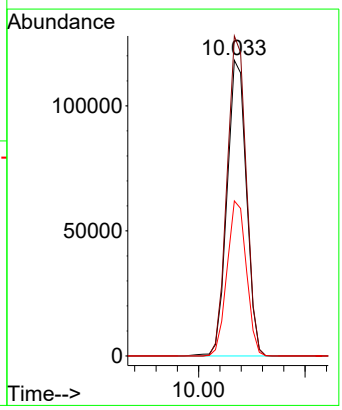
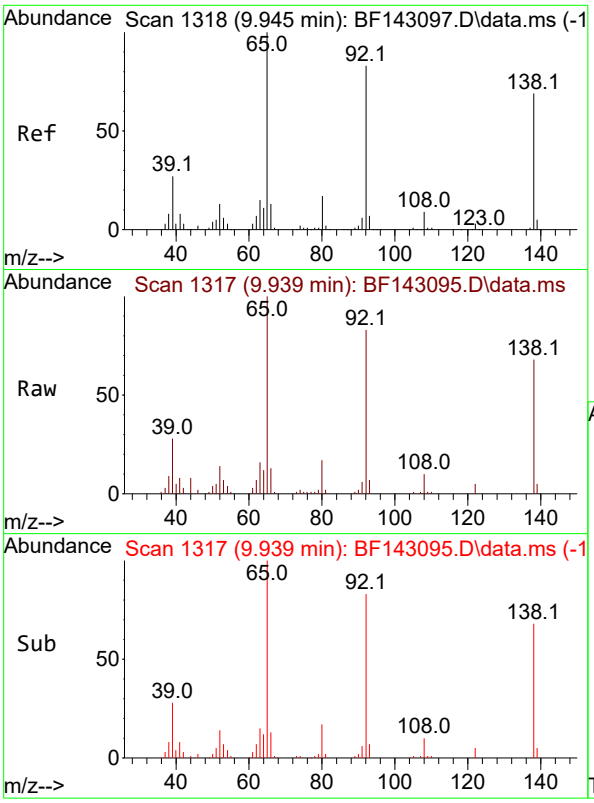


#52
Acenaphthene
Concen: 10.451 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:154 Resp: 149318

Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.7	130.1
152	52.4	41.4	62.2





#53
3-Nitroaniline
Concen: 8.336 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:138 Resp: 2810

Ion	Ratio	Lower	Upper
138	100		
108	14.5	10.1	15.1
92	122.1	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
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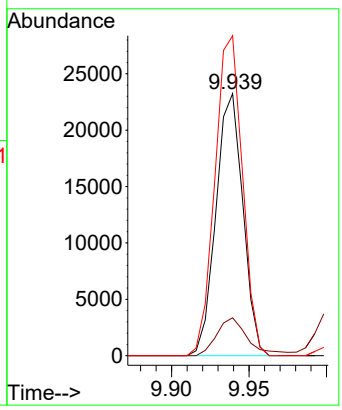
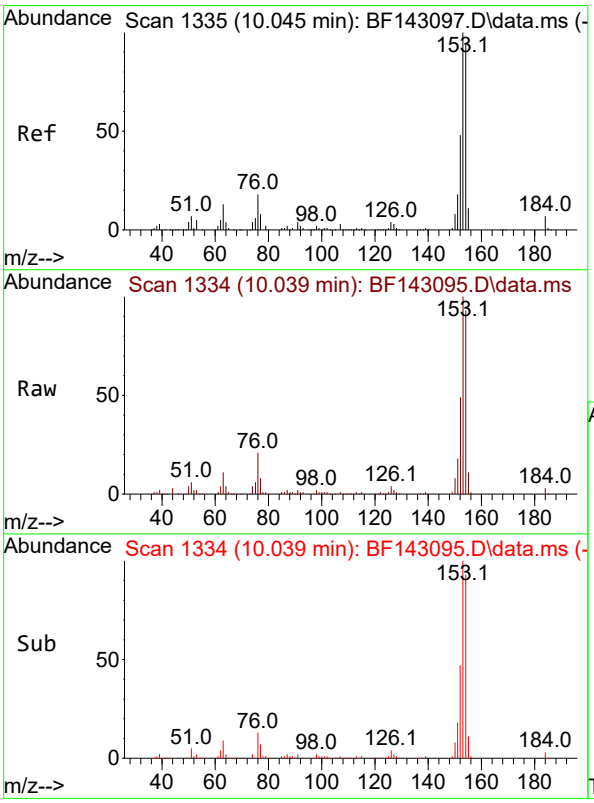
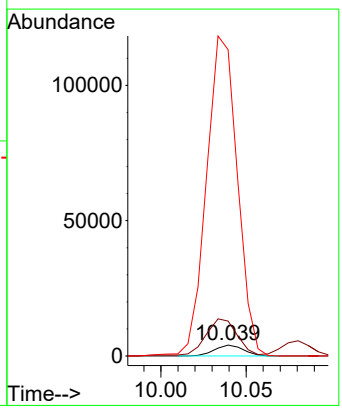


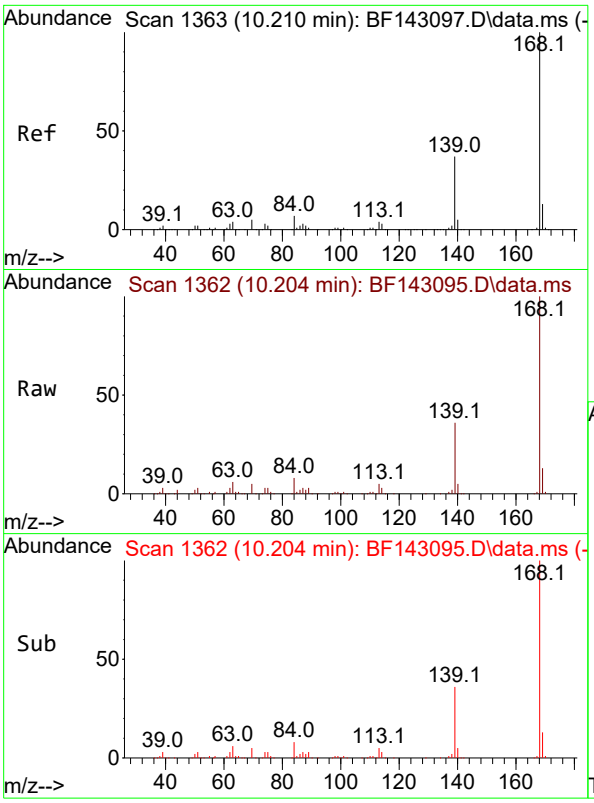


#54
2,4-Dinitrophenol
Concen: 10.239 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:184 Resp: 4729

Ion	Ratio	Lower	Upper
184	100		
63	321.1	149.3	223.9#
154	2815.4	1048.0	1572.0#

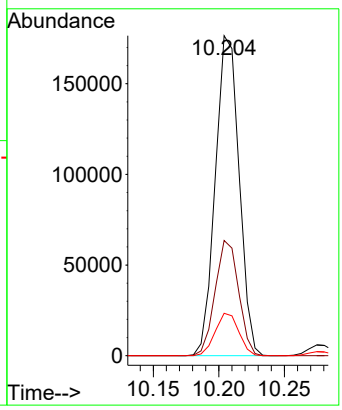




#55
Dibenzofuran
Concen: 10.451 ng
RT: 10.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:168 Resp: 22255

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.8	44.6
169	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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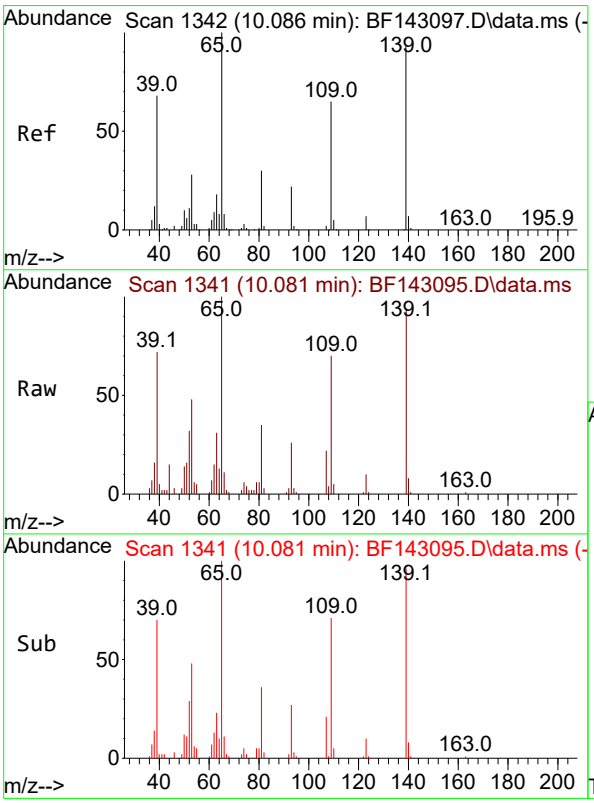
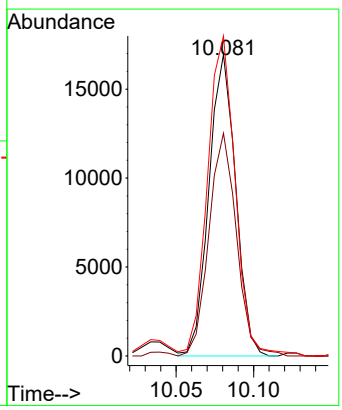
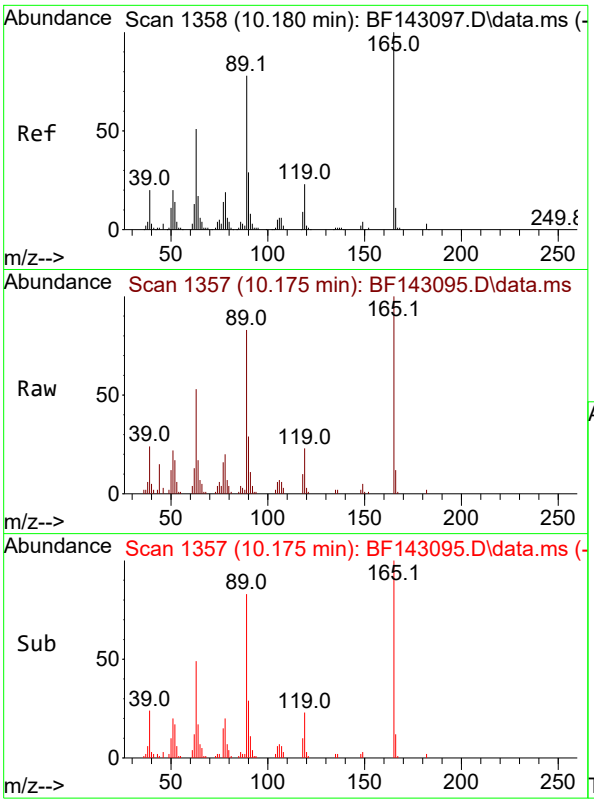


#56
4-Nitrophenol
Concen: 7.589 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:139 Resp: 20334

Ion	Ratio	Lower	Upper
139	100		
109	73.8	49.4	89.4
65	106.1	88.2	128.2





#57
2,4-Dinitrotoluene
Concen: 9.293 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:165 Resp: 2442

Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.6	61.0
89	82.8	62.3	93.5
182	2.4	2.6	3.8#

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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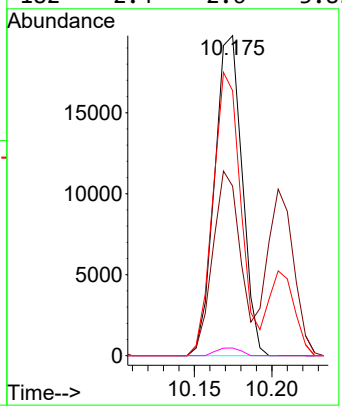
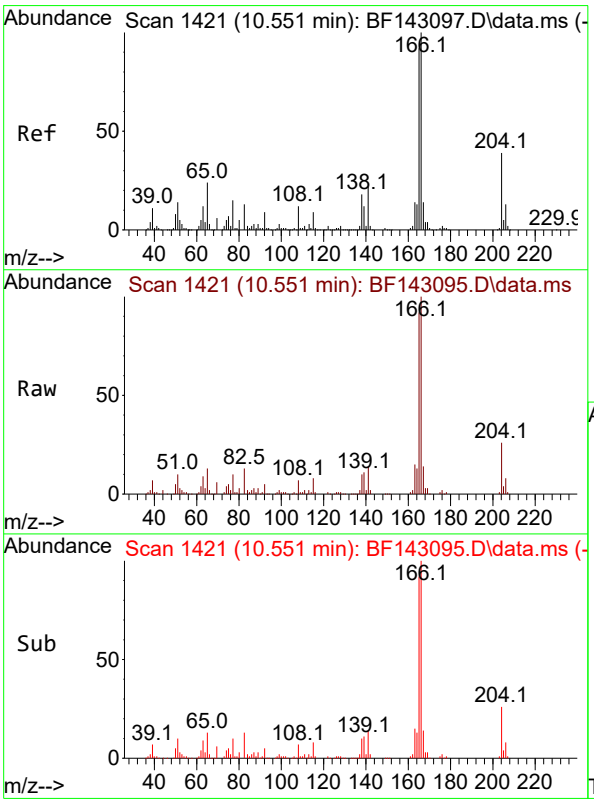
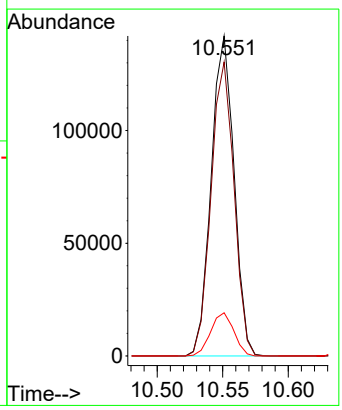


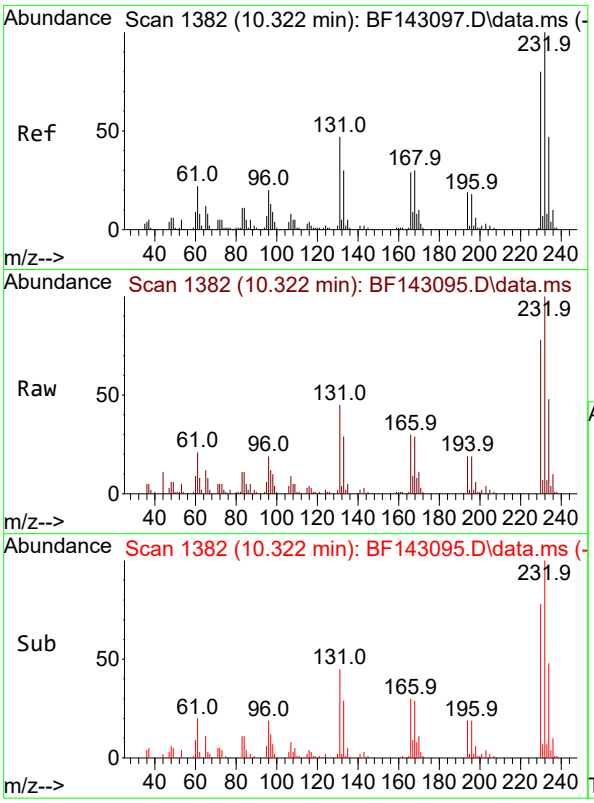


#58
Fluorene
Concen: 10.771 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:166 Resp: 171975

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.7	110.5
167	13.5	10.9	16.3

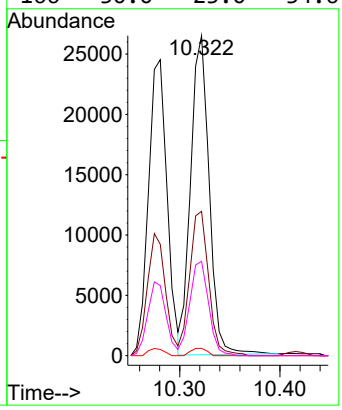




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.084 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:232 Resp: 3399

Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.9	55.3
130	2.0	1.8	2.8
166	30.0	23.0	34.6



Instrument :
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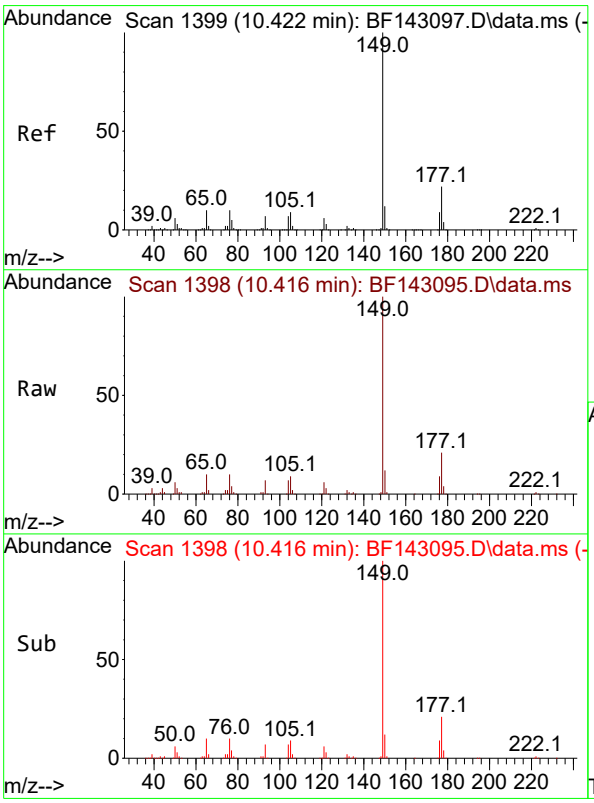
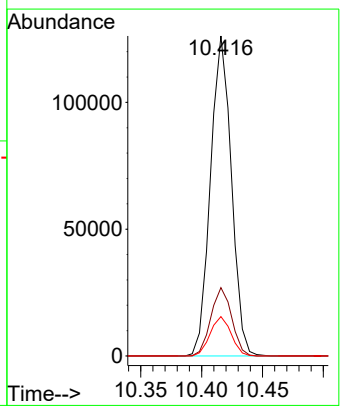
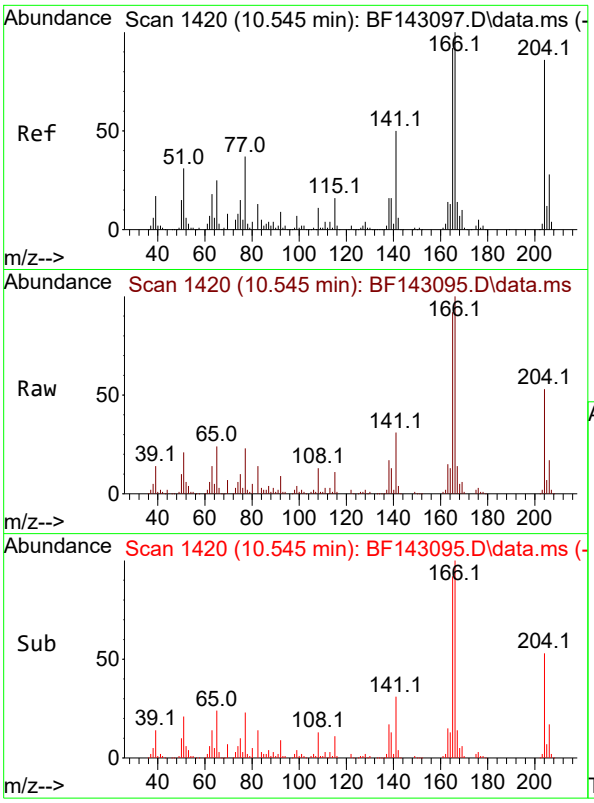


#60
Diethylphthalate
Concen: 10.027 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:149 Resp: 150934

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.3	25.9
150	12.3	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 10.400 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:204 Resp: 7958

Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.8	38.6
141	58.6	46.8	70.2

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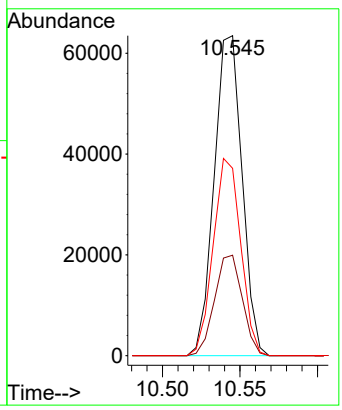
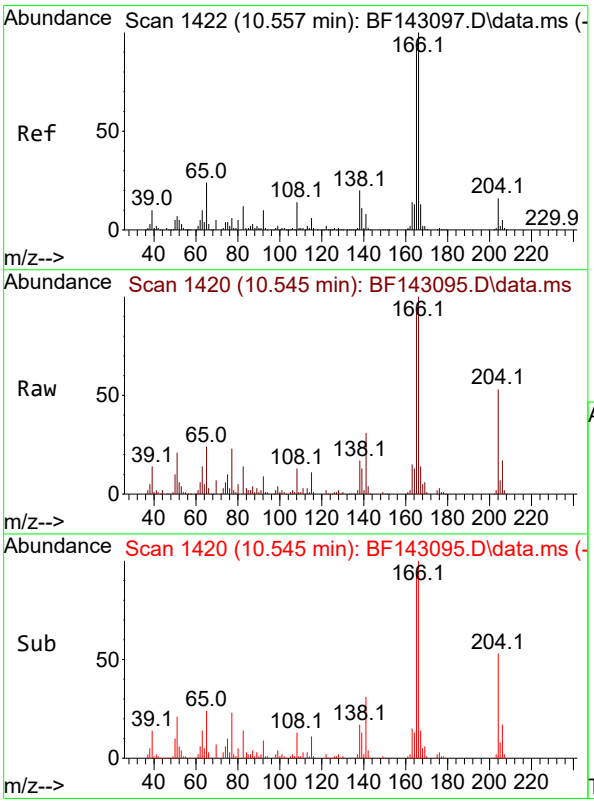
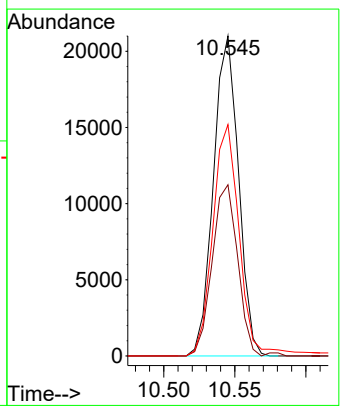


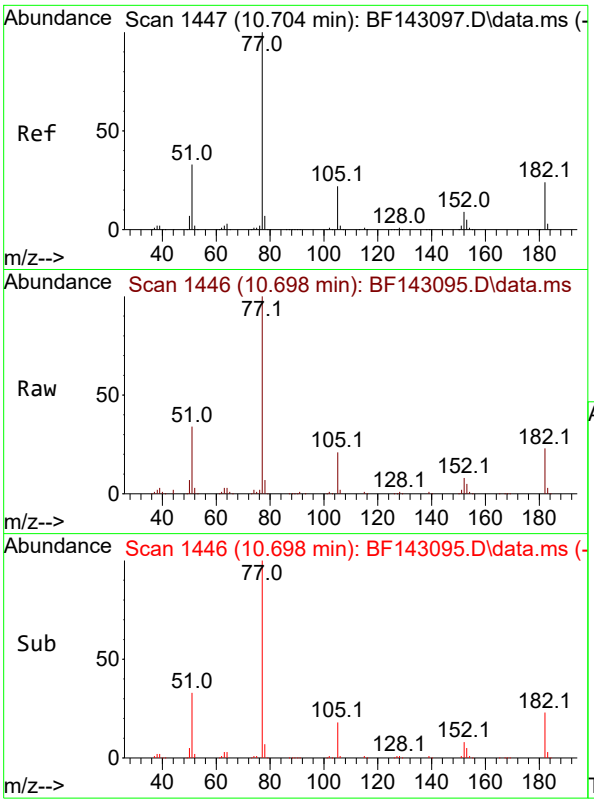


#62
4-Nitroaniline
Concen: 8.785 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:138 Resp: 25757

Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.4	70.4
108	72.3	49.5	89.5

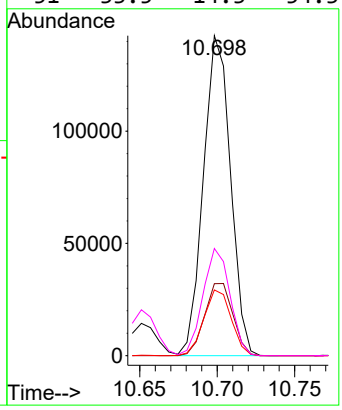




#63
Azobenzene
Concen: 10.418 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion: 77 Resp: 17343

Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.0	44.0
105	20.6	1.4	41.4
51	33.5	14.3	54.3



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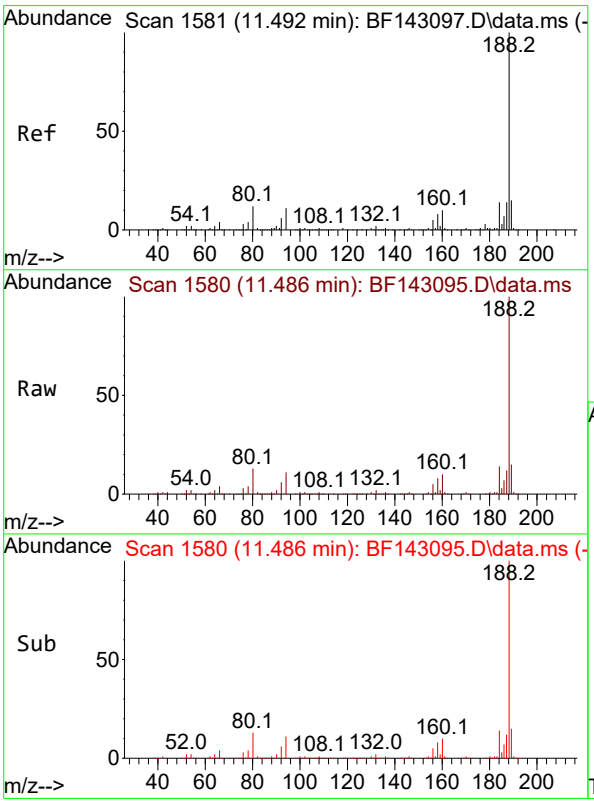
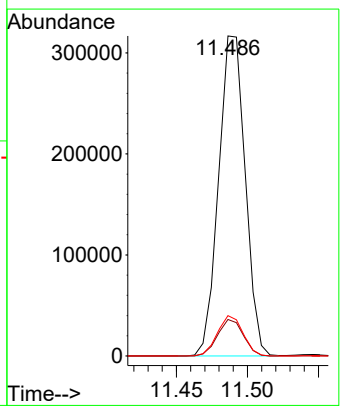
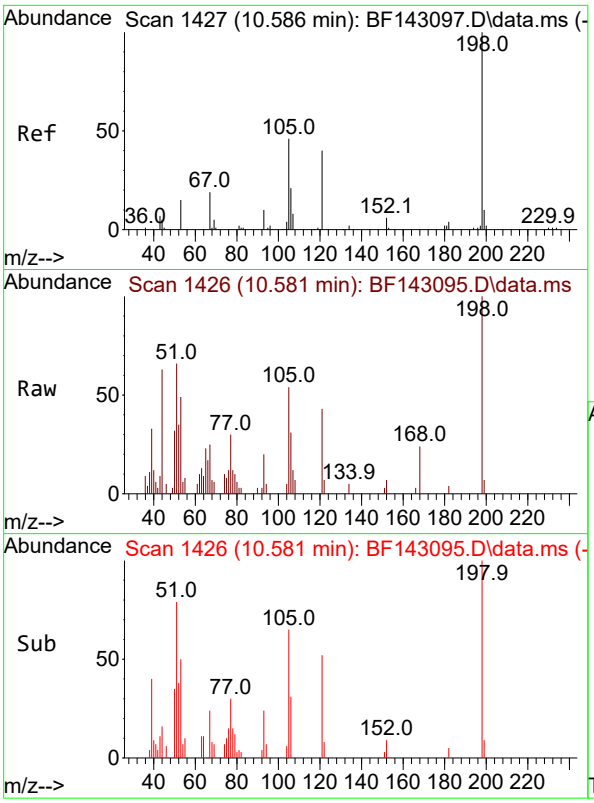


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:188 Resp: 412977

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.6	13.0
80	12.6	9.3	13.9

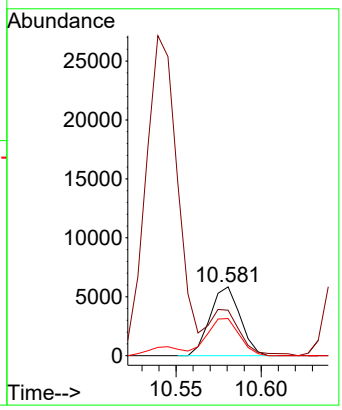




#65
4,6-Dinitro-2-methylphenol
Concen: 10.290 ng
RT: 10.581 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:198 Resp: 715

Ion	Ratio	Lower	Upper
198	100		
51	66.0	44.6	84.6
105	54.0	29.3	69.3



Instrument :
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ClientSampleId :
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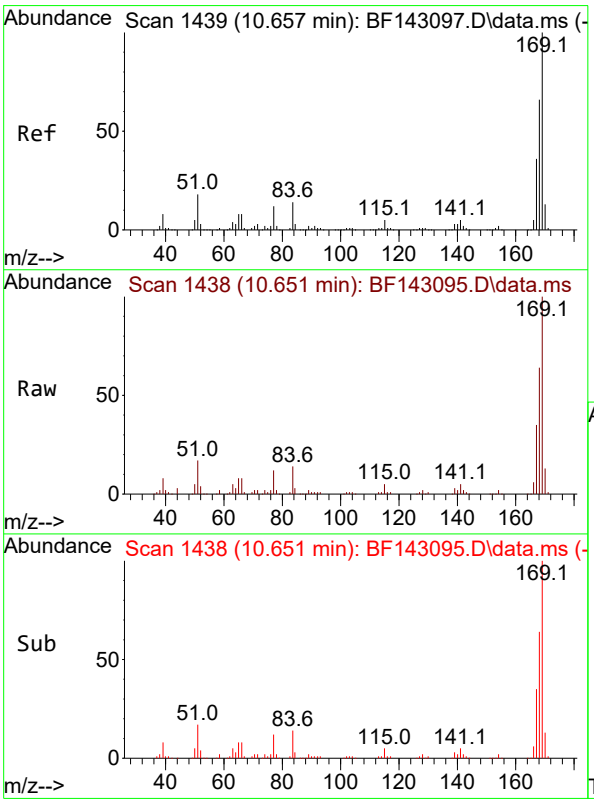
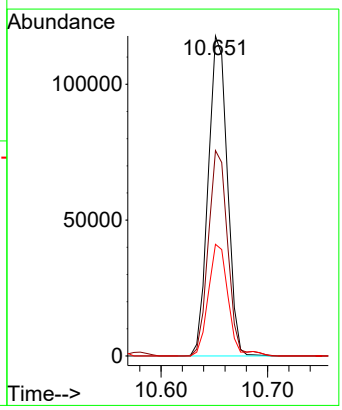
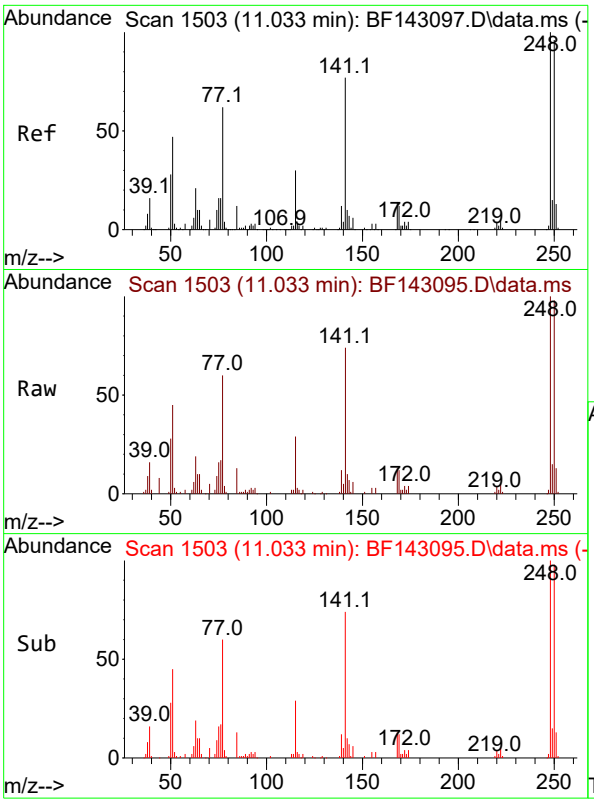


#66
n-Nitrosodiphenylamine
Concen: 10.094 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:169 Resp: 146433

Ion	Ratio	Lower	Upper
169	100		
168	64.2	53.0	79.6
167	34.9	28.4	42.6

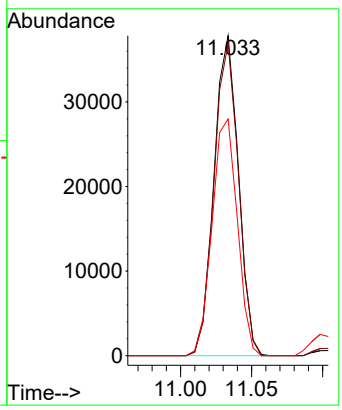




#67
4-Bromophenyl-phenylether
Concen: 9.641 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:248 Resp: 4527

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.7	115.1
141	73.9	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
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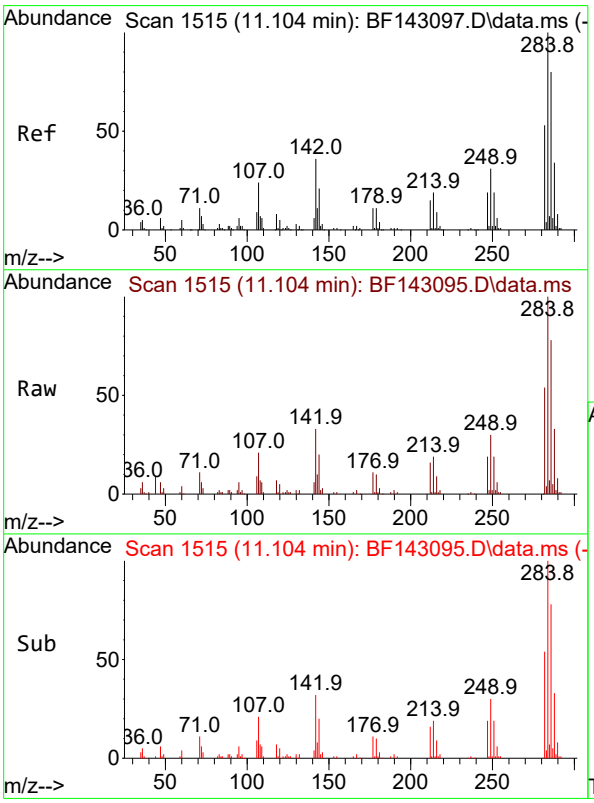
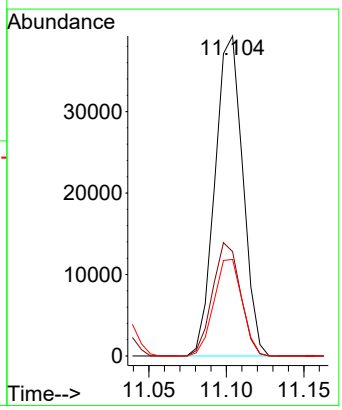
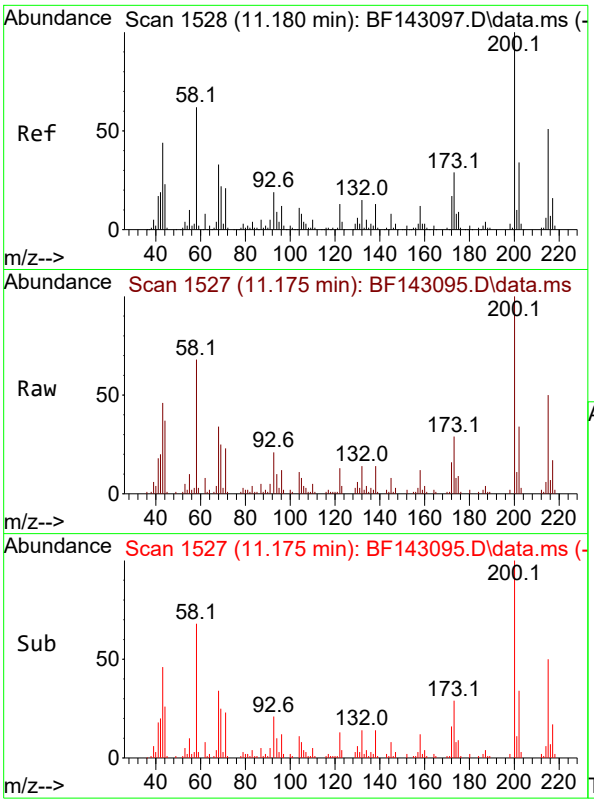


#68
Hexachlorobenzene
Concen: 9.840 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:284 Resp: 49035

Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.9	43.3
249	30.1	24.6	37.0

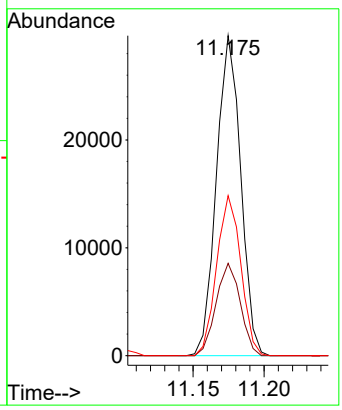




#69
Atrazine
Concen: 9.492 ng
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:200 Resp: 3523

Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.1	49.1
215	50.0	31.0	71.0



Instrument :
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ClientSampleId :
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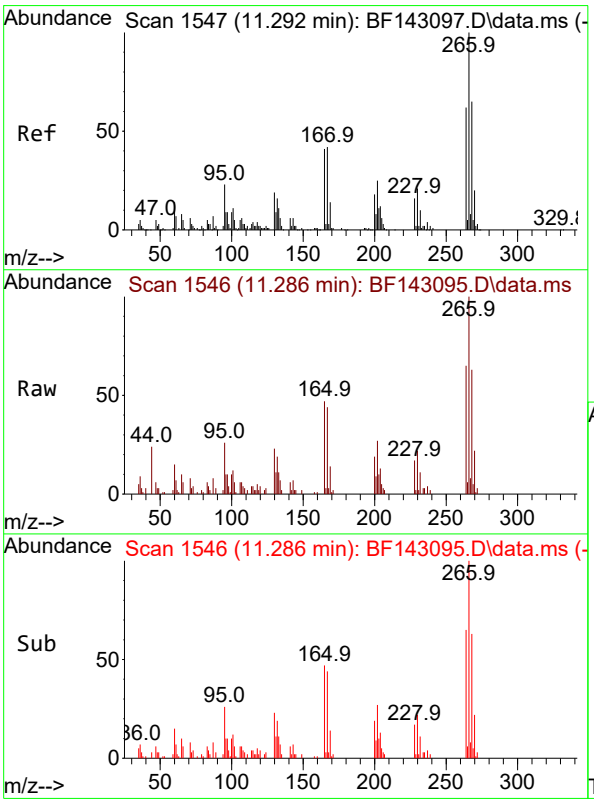
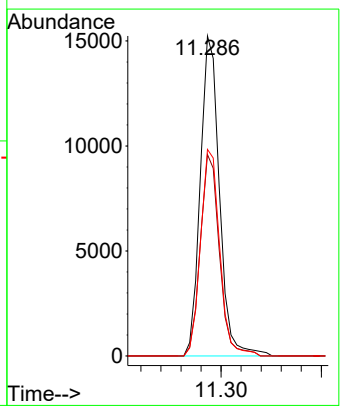
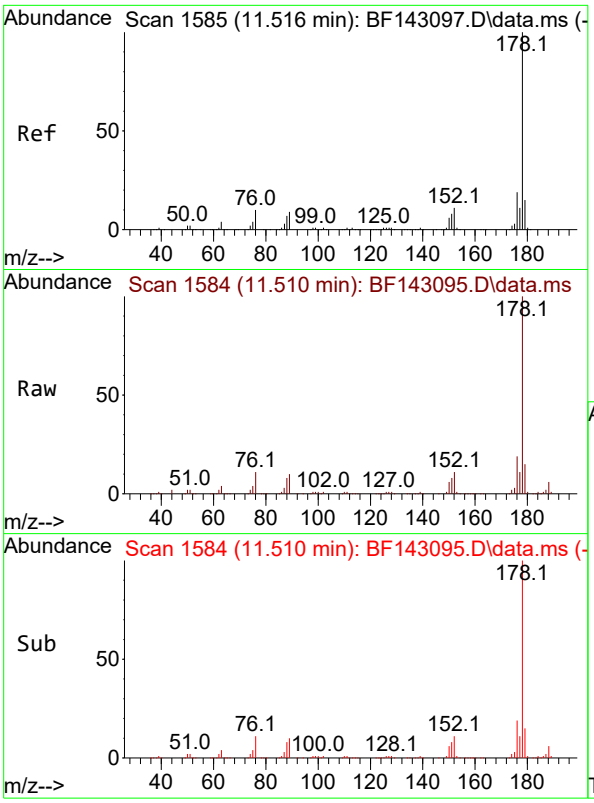


#70
Pentachlorophenol
Concen: 7.405 ng
RT: 11.286 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:266 Resp: 20245

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.8	77.6
264	64.6	49.7	74.5





#71
Phenanthrene
Concen: 10.526 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:178 Resp: 23460

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	12.2	18.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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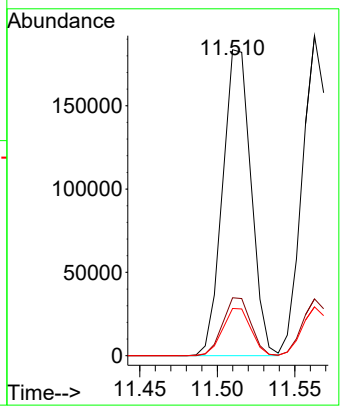
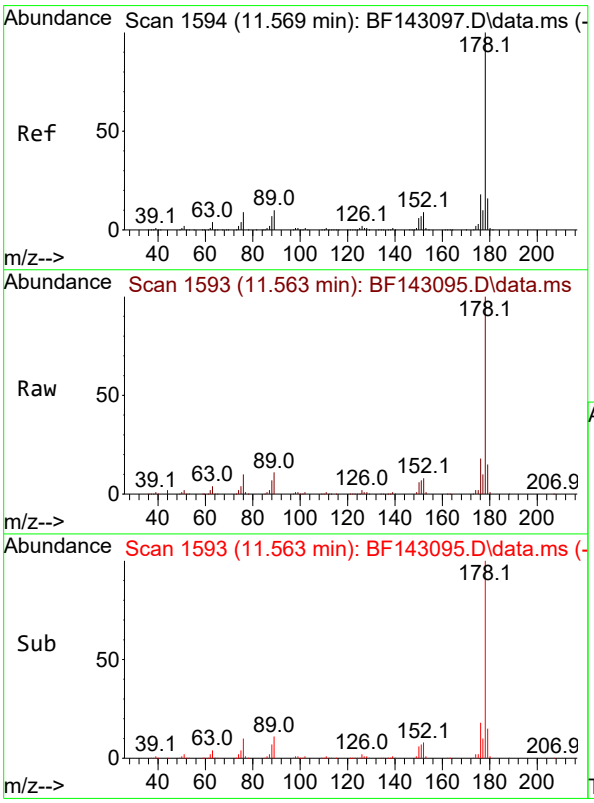
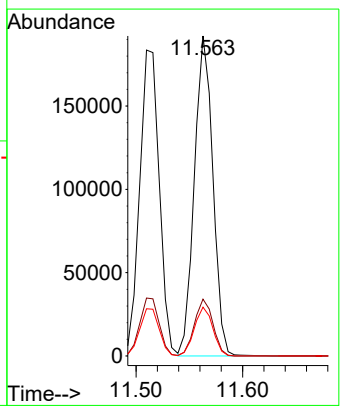


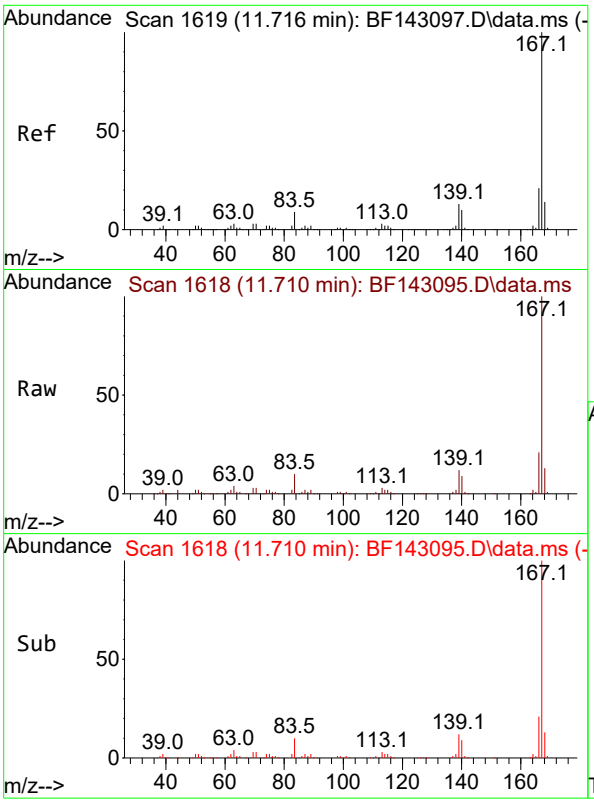


#72
Anthracene
Concen: 10.372 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:178 Resp: 232459

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.2	12.4	18.6

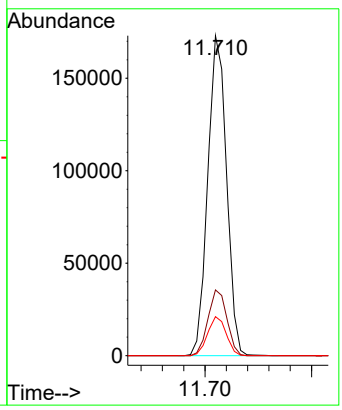




#73
Carbazole
Concen: 10.551 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:167 Resp: 21185

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.0	25.4
139	12.2	10.2	15.4



Instrument :
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ClientSampleId :
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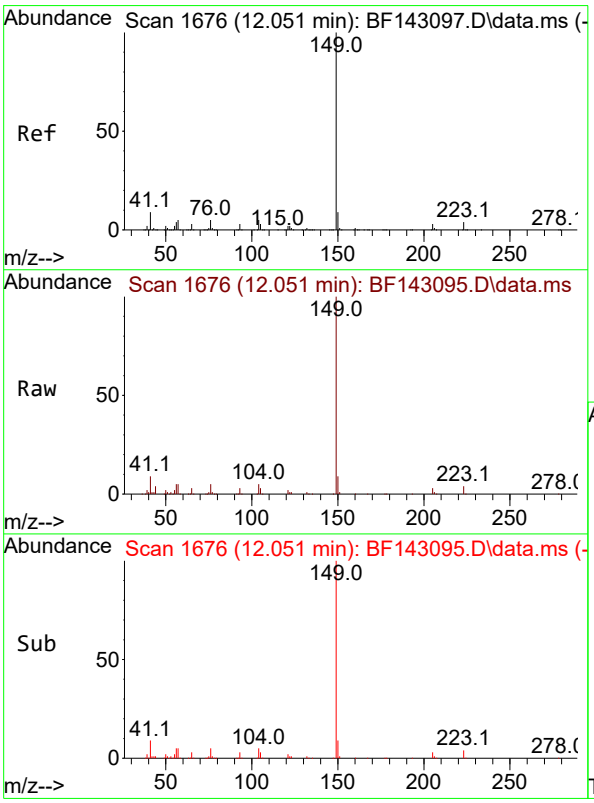
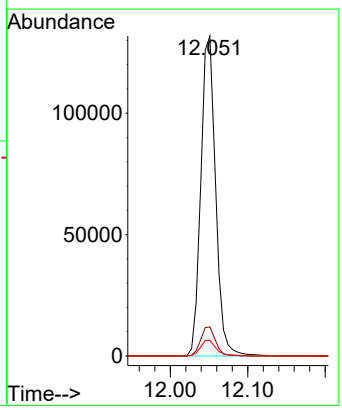
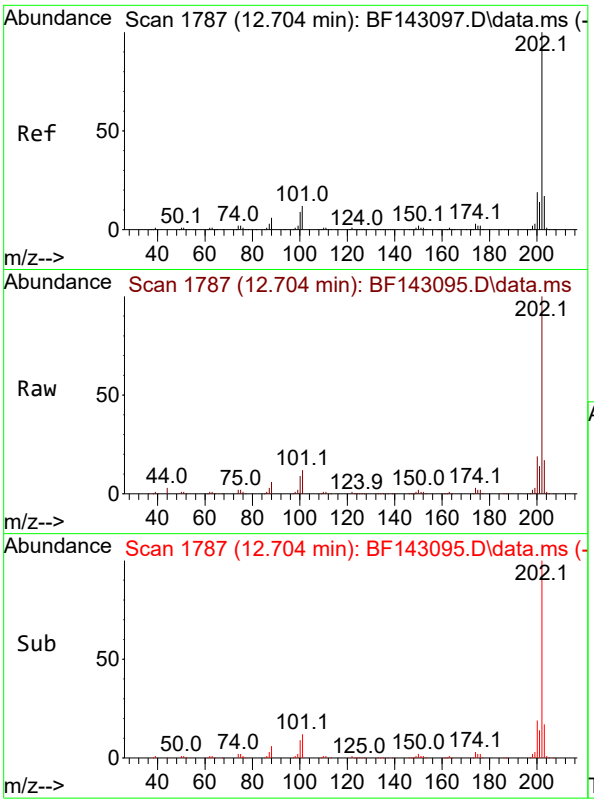


#74
Di-n-butylphthalate
Concen: 9.475 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:149 Resp: 174639

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	3.8	5.8

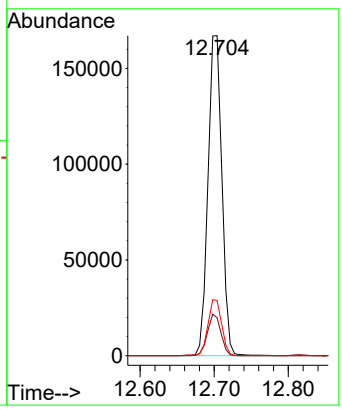




#75
Fluoranthene
Concen: 10.725 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:202 Resp: 21734

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.4
203	17.3	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
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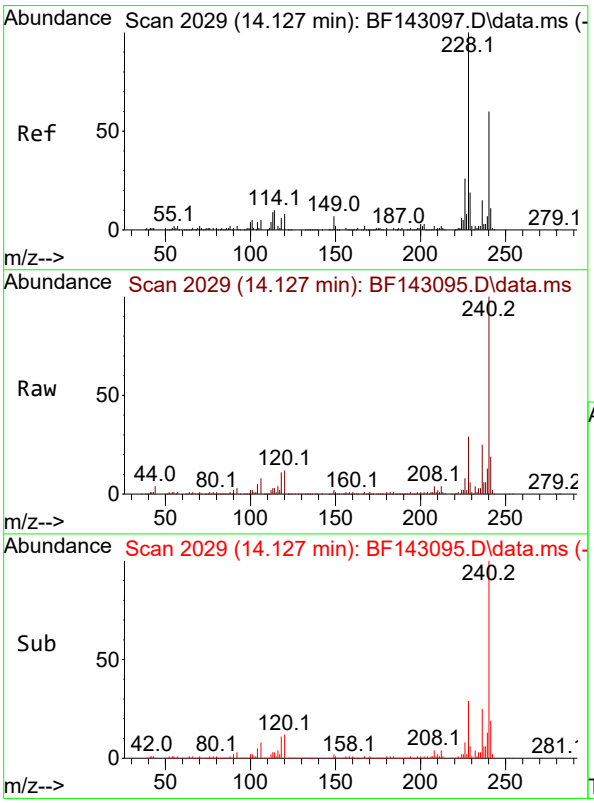
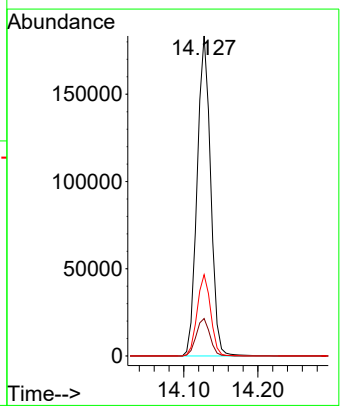
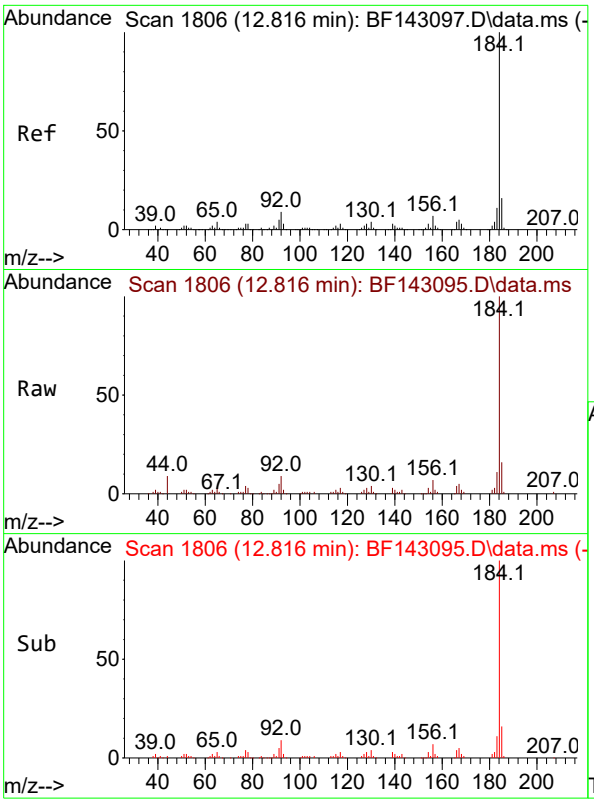


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:240 Resp: 231826

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.0	15.0
236	25.4	20.0	30.0

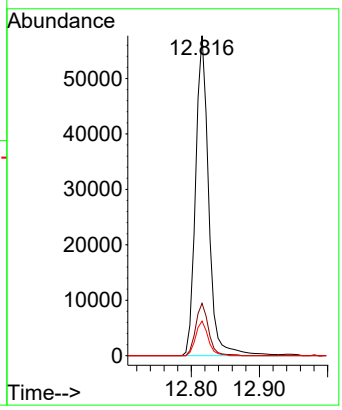




#77
Benzidine
Concen: 9.747 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:184 Resp: 7697

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.4	18.6
183	10.8	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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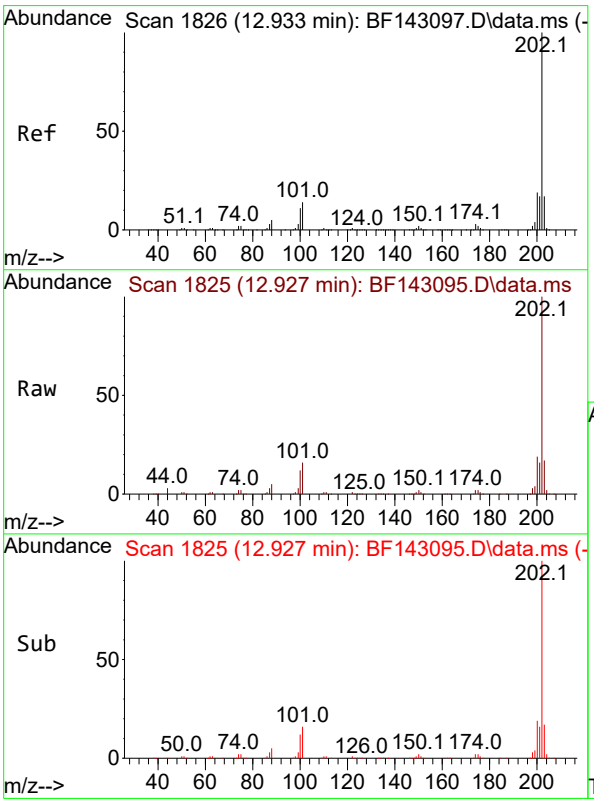
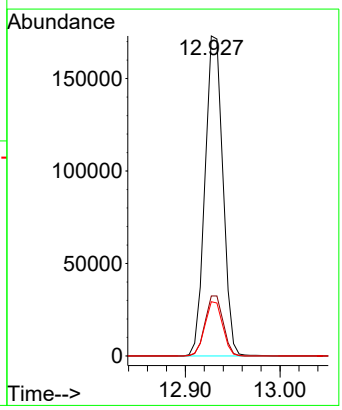
Supervised By :Jagrut Upadhyay 07/16/2025

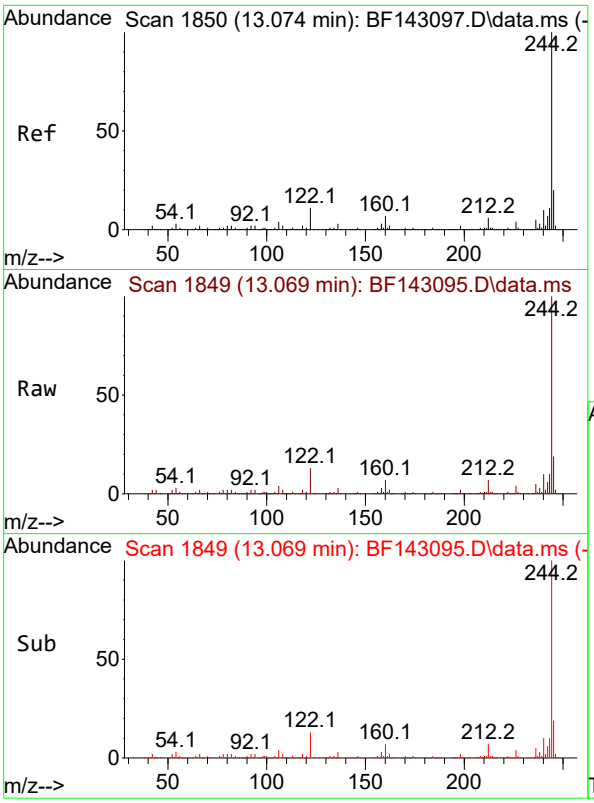


#78
Pyrene
Concen: 10.542 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:202 Resp: 226752

Ion	Ratio	Lower	Upper
202	100		
200	18.8	15.5	23.3
203	16.9	14.0	21.0

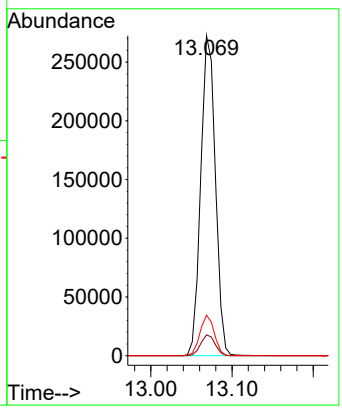




#79
Terphenyl-d14
Concen: 21.502 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:244 Resp: 34099

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	12.7	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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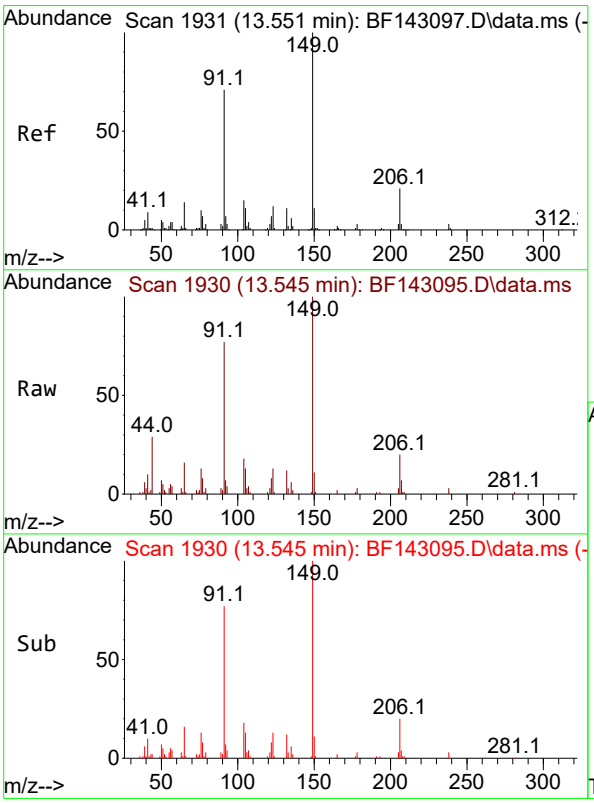
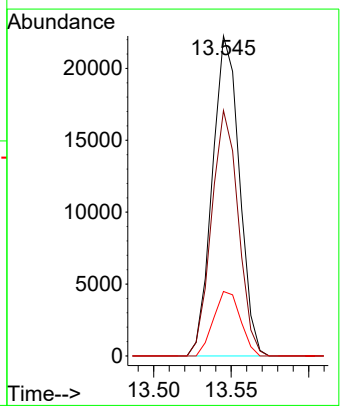
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

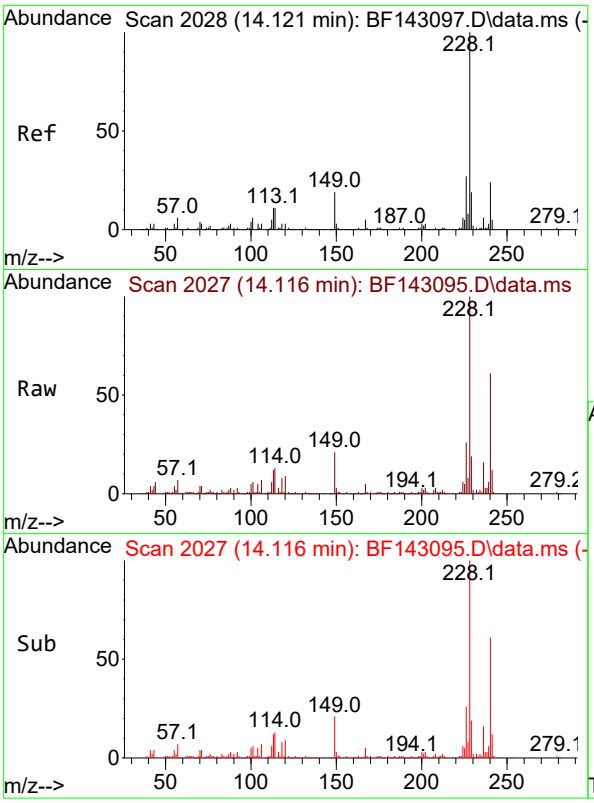


#80
Butylbenzylphthalate
Concen: 9.210 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:149 Resp: 26977

Ion	Ratio	Lower	Upper
149	100		
91	76.7	57.0	85.4
206	20.2	17.2	25.8

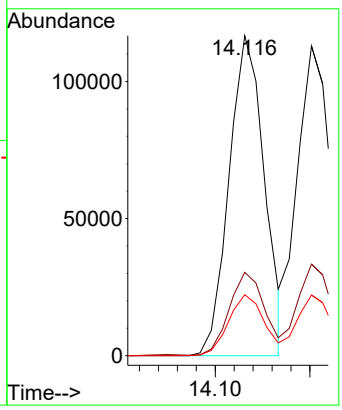




#81
Benzo(a)anthracene
Concen: 9.781 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:228 Resp: 151099

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	19.0	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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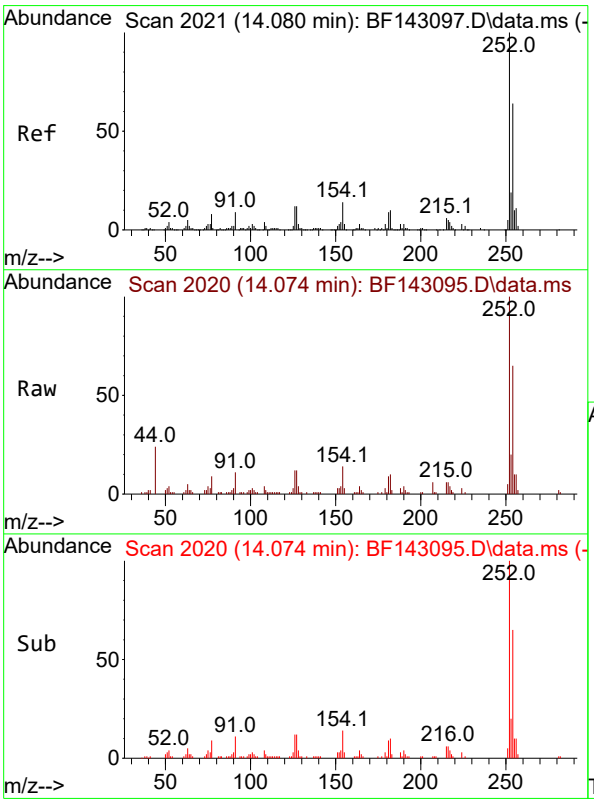
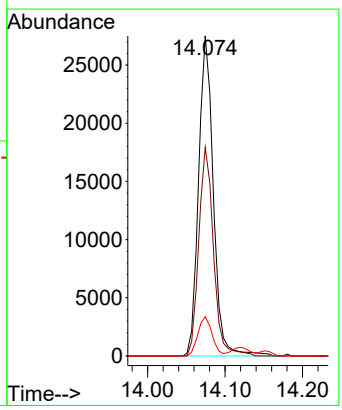
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

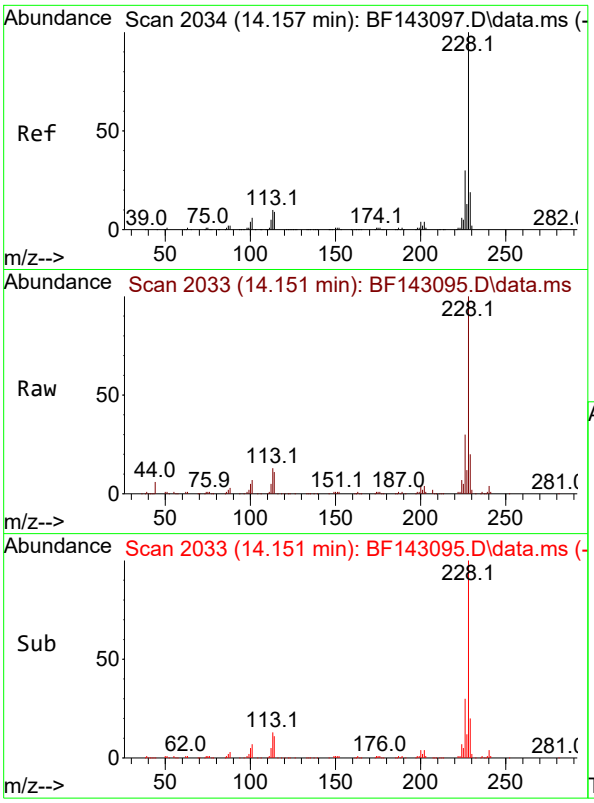


#82
3,3'-Dichlorobenzidine
Concen: 8.122 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:252 Resp: 36435

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	12.3	9.4	14.0





#83
Chrysene
Concen: 10.050 ng
RT: 14.151 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:228 Resp: 14299(

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.6	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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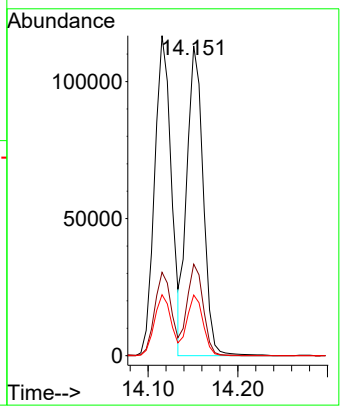
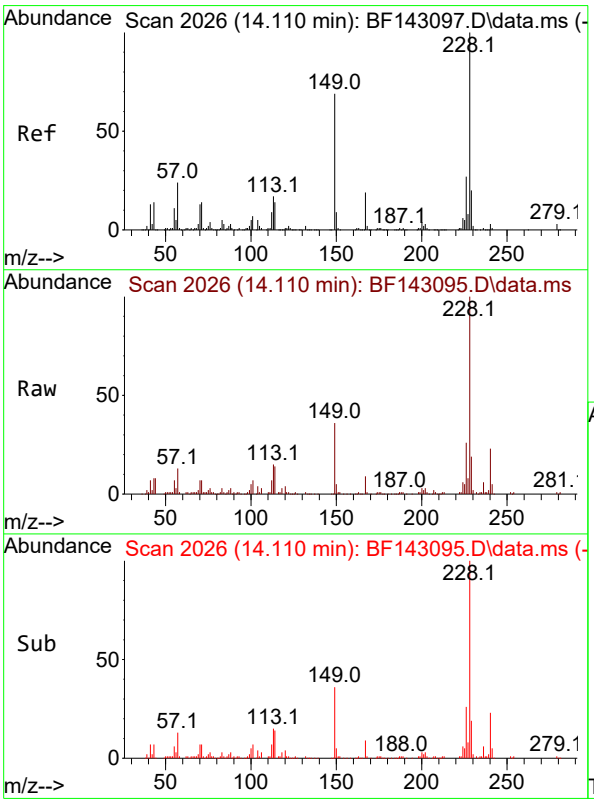
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

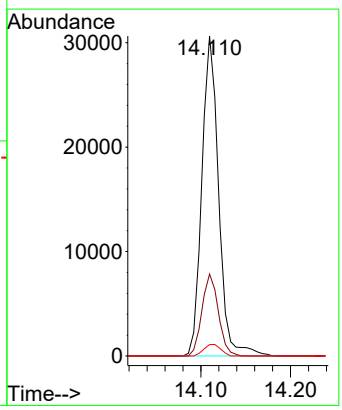


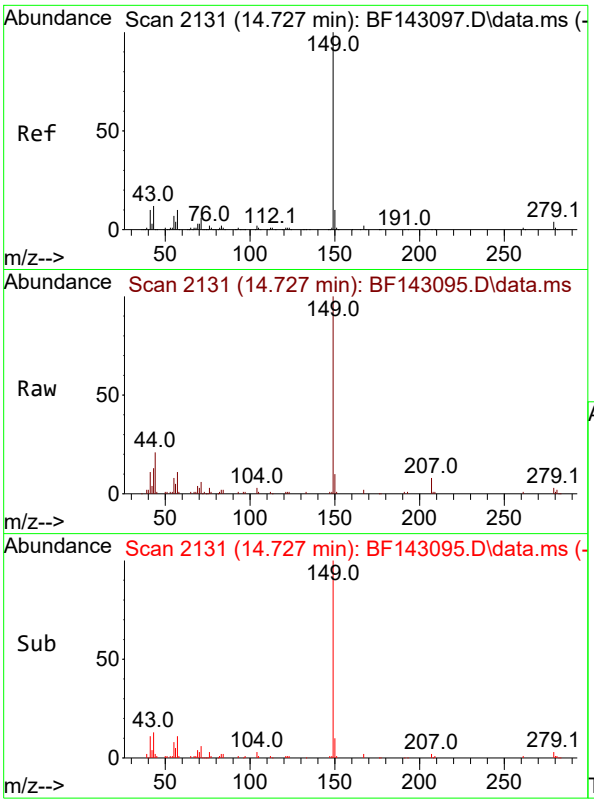


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.073 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:149 Resp: 39724

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.9	32.9
279	3.6	3.4	5.0

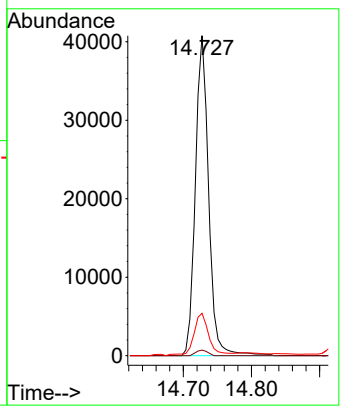




#85
Di-n-octyl phthalate
Concen: 10.526 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:149 Resp: 5495

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	15.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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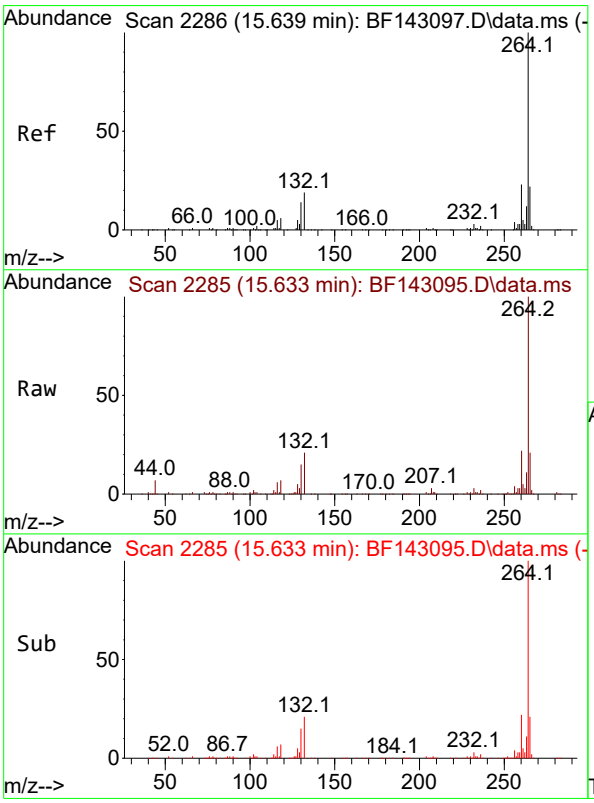
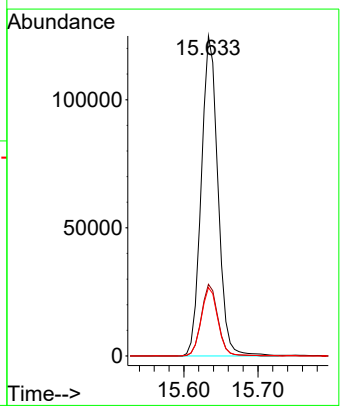
Supervised By :Jagrut Upadhyay 07/16/2025

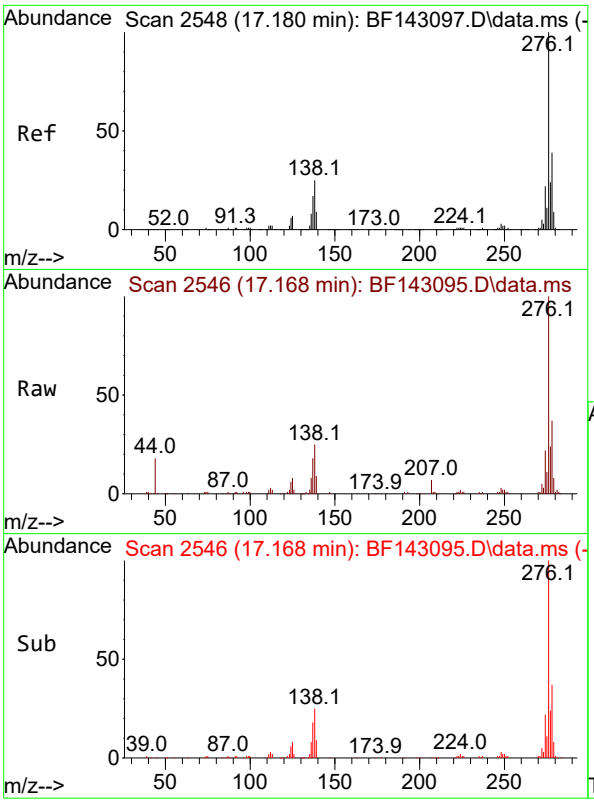


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:264 Resp: 195100

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	21.4	17.5	26.3

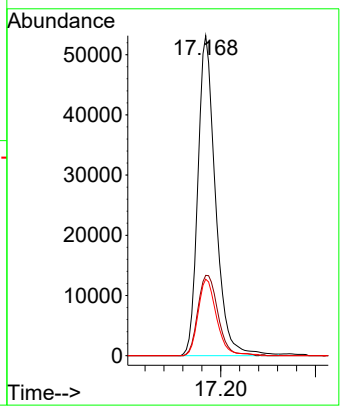




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.484 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:276 Resp: 13762

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	34.0
277	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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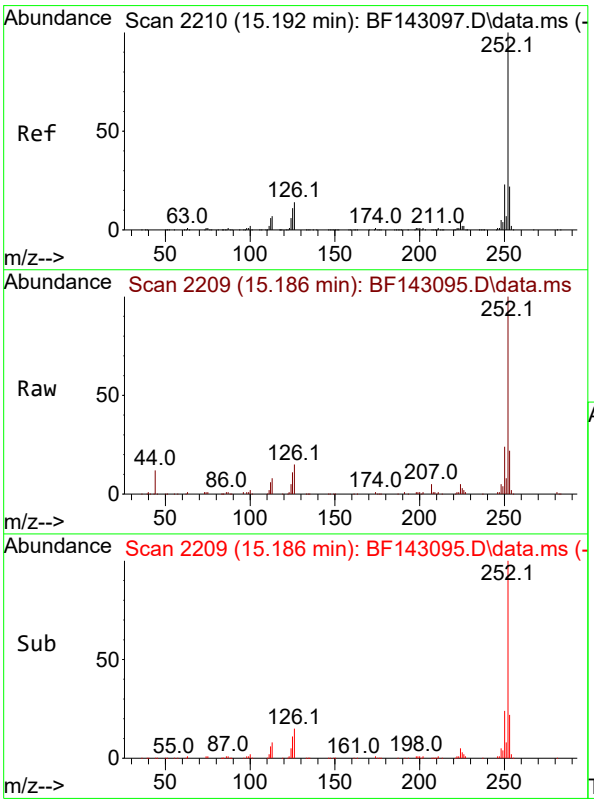
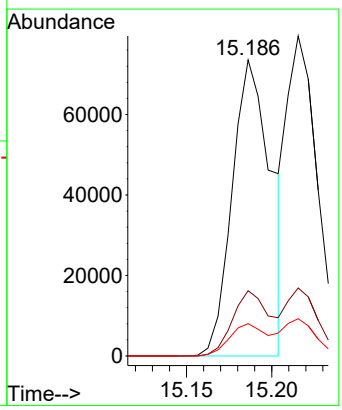
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

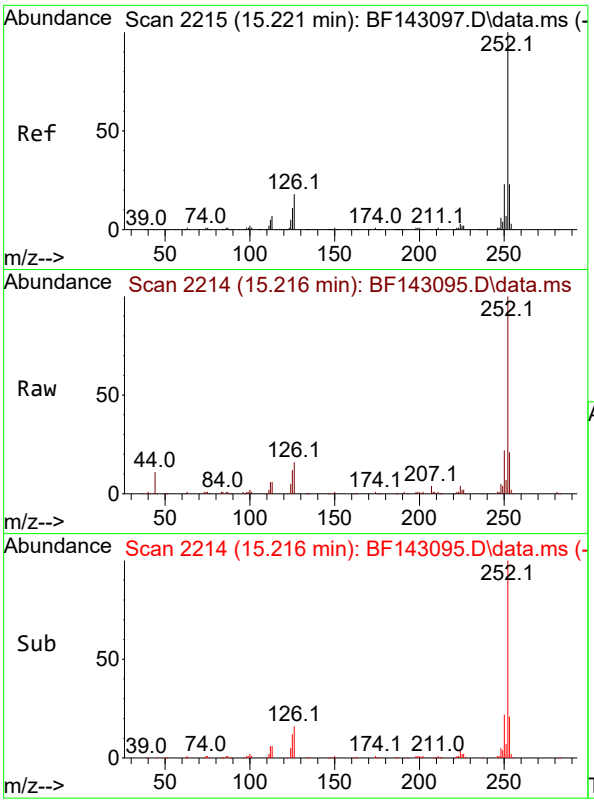


#88
Benzo(b)fluoranthene
Concen: 10.321 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:252 Resp: 116154

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.9	8.6	13.0

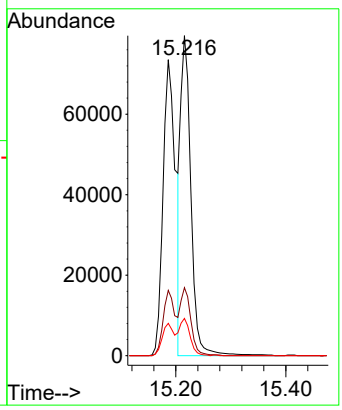




#89
Benzo(k)fluoranthene
Concen: 9.686 ng
RT: 15.216 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:252 Resp: 10399

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	11.6	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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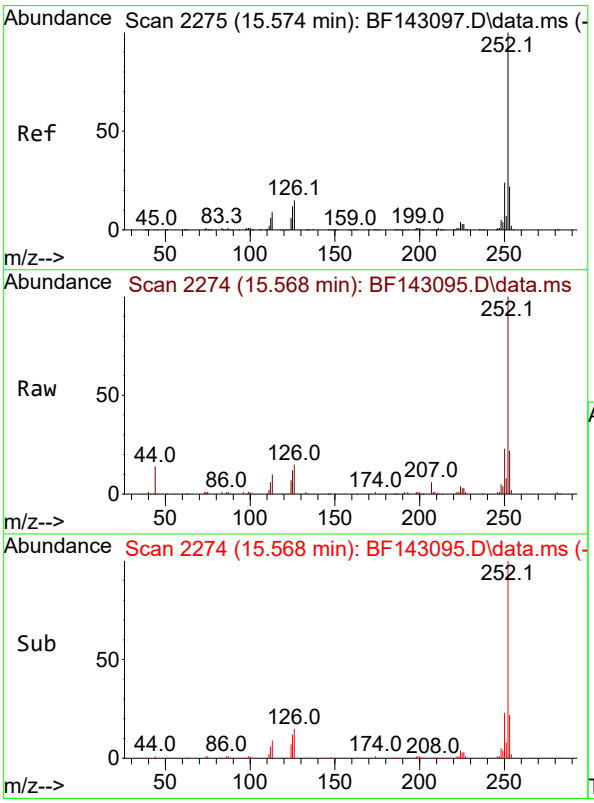
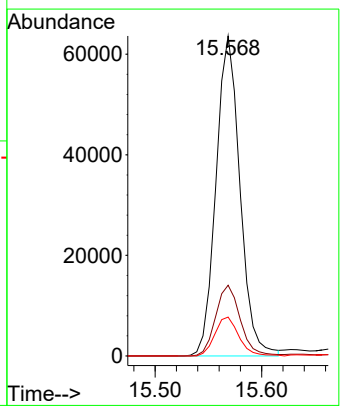
Supervised By :Jagrut Upadhyay 07/16/2025

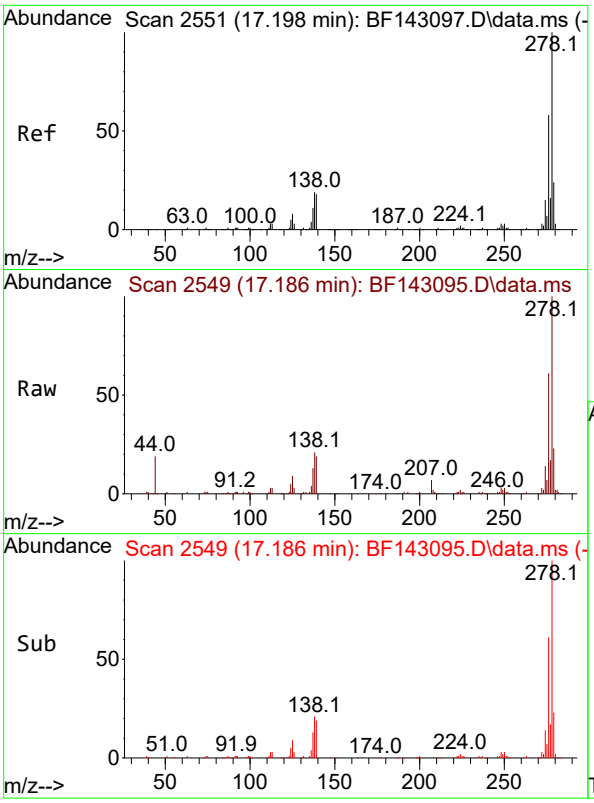


#90
Benzo(a)pyrene
Concen: 9.336 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:252 Resp: 99366

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	12.1	9.4	14.0

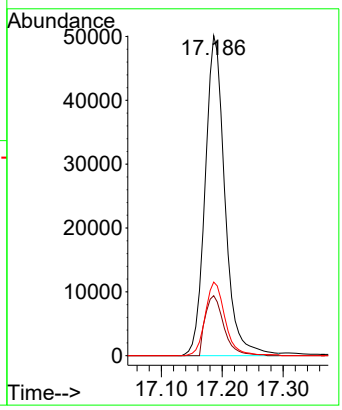




#91
Dibenzo(a,h)anthracene
Concen: 9.553 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:278 Resp: 11331

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.6	22.0
279	23.0	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 07/16/2025
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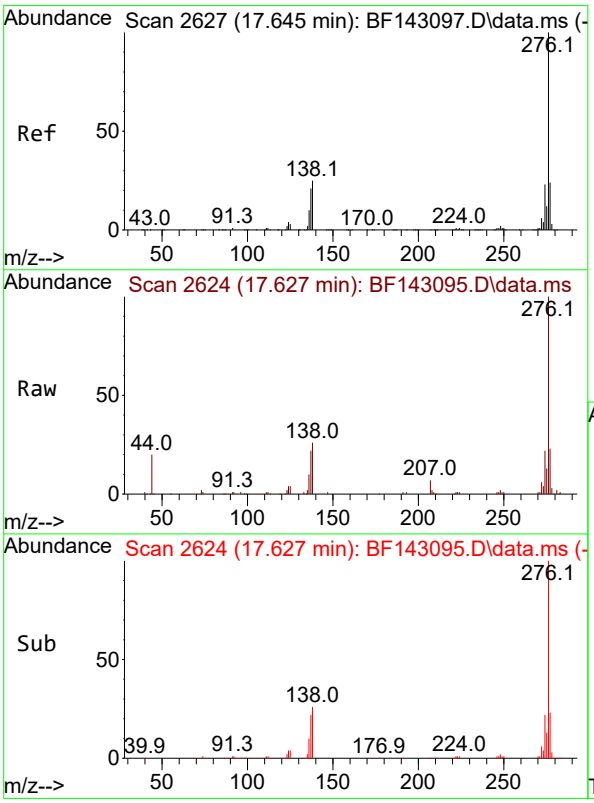
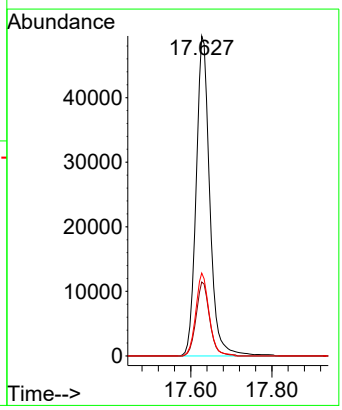


#92
Benzo(g,h,i)perylene
Concen: 9.577 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.018 min
Lab File: BF143095.D
Acq: 15 Jul 2025 14:05

Tgt Ion:276 Resp: 115816

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	25.9	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143096.D
Acq On : 15 Jul 2025 14:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	153233	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	579905	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	283300	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	451524	20.000	ng	0.00
76) Chrysene-d12	14.127	240	236667	20.000	ng	0.00
86) Perylene-d12	15.633	264	262419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	402974	41.549	ng	0.00
7) Phenol-d6	6.581	99	502651	41.231	ng	0.00
23) Nitrobenzene-d5	7.522	82	420674m	40.693	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	102277	40.489	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	907497	42.581	ng	0.00
79) Terphenyl-d14	13.074	244	680179	42.012	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	98010	20.301	ng	99
3) Pyridine	3.581	79	247677	20.259	ng	99
4) n-Nitrosodimethylamine	3.516	42	126355	19.948	ng	100
6) Aniline	6.628	93	349337	20.349	ng	100
8) 2-Chlorophenol	6.751	128	202437	20.775	ng	98
9) Benzaldehyde	6.516	77	176058	18.952	ng	99
10) Phenol	6.592	94	273102m	20.693	ng	
11) bis(2-Chloroethyl)ether	6.692	93	209360	20.491	ng	98
12) 1,3-Dichlorobenzene	6.910	146	225218	20.458	ng	99
13) 1,4-Dichlorobenzene	6.987	146	230409	20.804	ng	99
14) 1,2-Dichlorobenzene	7.139	146	219102	20.745	ng	99
15) Benzyl Alcohol	7.098	79	184535	20.428	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	387425	20.571	ng	100
17) 2-Methylphenol	7.204	107	172219	20.480	ng	99
18) Hexachloroethane	7.486	117	74466	20.654	ng	100
19) n-Nitroso-di-n-propyla...	7.369	70	153555	20.559	ng	98
20) 3+4-Methylphenols	7.357	107	217393	21.080	ng	91
22) Acetophenone	7.369	105	289716	20.725	ng	98
24) Nitrobenzene	7.539	77	206781	20.721	ng	98
25) Isophorone	7.781	82	404382	20.239	ng	100
26) 2-Nitrophenol	7.857	139	61544	18.099	ng	98
27) 2,4-Dimethylphenol	7.886	122	188840	20.363	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	252183	20.814	ng	99
29) 2,4-Dichlorophenol	8.098	162	154978	20.427	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	177770	20.647	ng	99
31) Naphthalene	8.269	128	601316	20.881	ng	100
32) Benzoic acid	7.963	122	64517m	18.587	ng	
33) 4-Chloroaniline	8.310	127	239869	20.714	ng	98
34) Hexachlorobutadiene	8.392	225	106359	20.655	ng	100
35) Caprolactam	8.657	113	45418	19.171	ng	98
36) 4-Chloro-3-methylphenol	8.781	107	171615	20.307	ng	99
37) 2-Methylnaphthalene	8.963	142	356378	20.744	ng	100
38) 1-Methylnaphthalene	9.063	142	365700	20.524	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	170678	20.673	ng	98
41) Hexachlorocyclopentadiene	9.122	237	86596	18.918	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	106780	20.815	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143096.D
Acq On : 15 Jul 2025 14:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	110466	20.537	ng	99
46) 1,1'-Biphenyl	9.422	154	473419	20.955	ng	100
47) 2-Chloronaphthalene	9.451	162	341636	20.584	ng	100
48) 2-Nitroaniline	9.533	65	83805	18.969	ng	99
49) Acenaphthylene	9.863	152	576265	20.837	ng	100
50) Dimethylphthalate	9.716	163	366019	20.536	ng	100
51) 2,6-Dinitrotoluene	9.775	165	62776	19.583	ng	96
52) Acenaphthene	10.039	154	332427	20.369	ng	100
53) 3-Nitroaniline	9.939	138	80094	20.797	ng	100
54) 2,4-Dinitrophenol	10.045	184	15826	19.749	ng	71
55) Dibenzofuran	10.210	168	505784	20.792	ng	100
56) 4-Nitrophenol	10.086	139	57072	18.647	ng	98
57) 2,4-Dinitrotoluene	10.175	165	71762	18.561	ng	95
58) Fluorene	10.551	166	376169	20.626	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	85620	20.030	ng	98
60) Diethylphthalate	10.422	149	356111	20.710	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	178641	20.436	ng	98
62) 4-Nitroaniline	10.551	138	67264	20.084	ng	98
63) Azobenzene	10.704	77	389419	20.478	ng	100
65) 4,6-Dinitro-2-methylph...	10.580	198	23973	19.643	ng	94
66) n-Nitrosodiphenylamine	10.657	169	332248	20.948	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	105446	20.535	ng	98
68) Hexachlorobenzene	11.104	284	111727	20.507	ng	98
69) Atrazine	11.180	200	83181	20.499	ng	99
70) Pentachlorophenol	11.292	266	56380	18.862	ng	98
71) Phenanthrene	11.516	178	501521	20.581	ng	99
72) Anthracene	11.569	178	508525	20.752	ng	100
73) Carbazole	11.716	167	455047	20.728	ng	99
74) Di-n-butylphthalate	12.051	149	412206	20.456	ng	99
75) Fluoranthene	12.704	202	455455	20.556	ng	100
77) Benzidine	12.816	184	186115	23.083	ng	99
78) Pyrene	12.933	202	462715	21.072	ng	99
80) Butylbenzylphthalate	13.545	149	73439	18.875	ng	96
81) Benzo(a)anthracene	14.115	228	332795	21.102	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	96174	21.000	ng	99
83) Chrysene	14.157	228	286610	19.732	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	113349	19.236	ng	98
85) Di-n-octyl phthalate	14.727	149	192002	19.817	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	400422	20.516	ng	99
88) Benzo(b)fluoranthene	15.186	252	307312	20.302	ng	99
89) Benzo(k)fluoranthene	15.215	252	291618	20.194	ng	99
90) Benzo(a)pyrene	15.568	252	290809	20.313	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	332152	20.818	ng	99
92) Benzo(g,h,i)perylene	17.639	276	331447	20.376	ng	99

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

ICAL Form

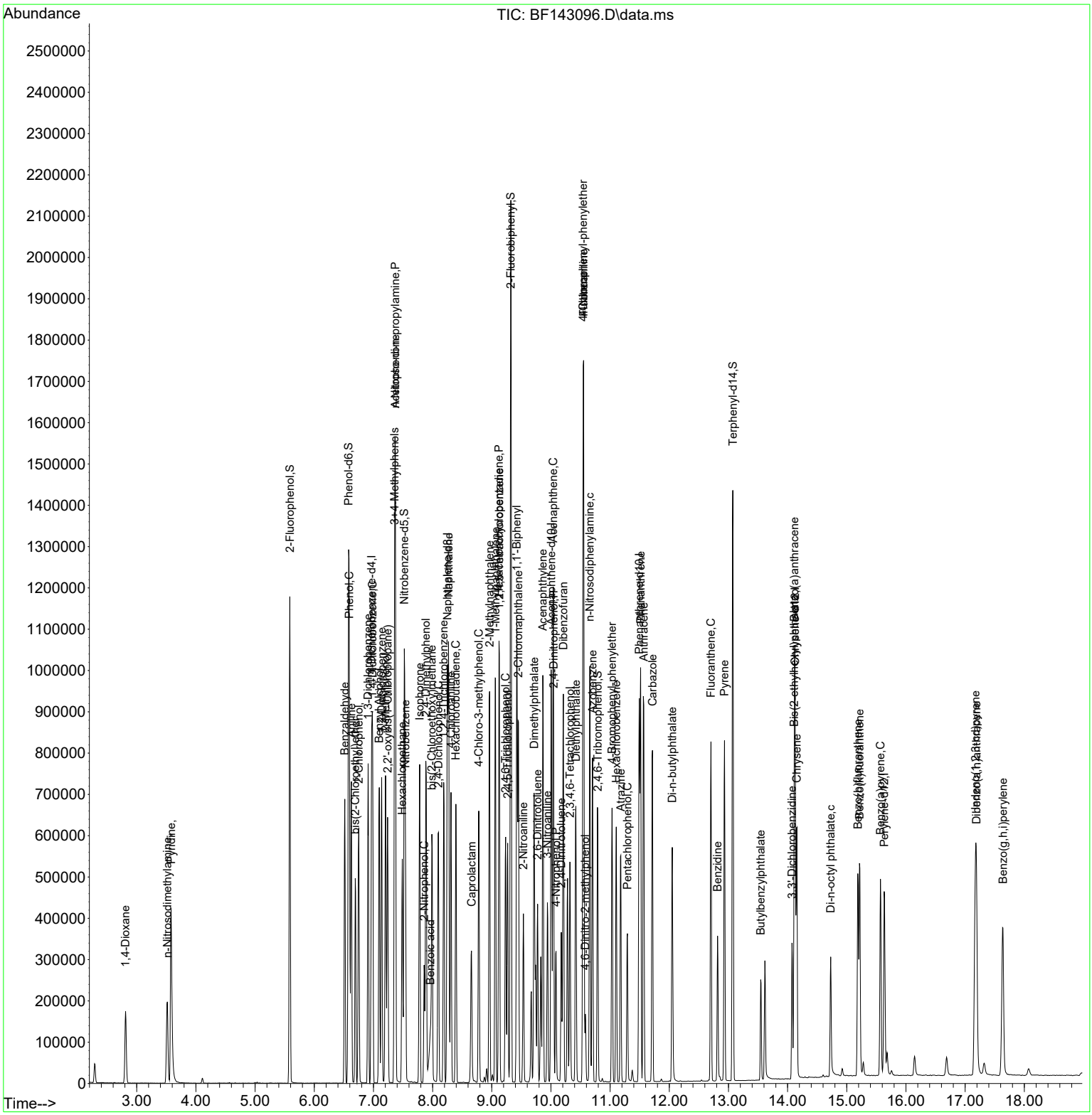
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143096.D
Acq On : 15 Jul 2025 14:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

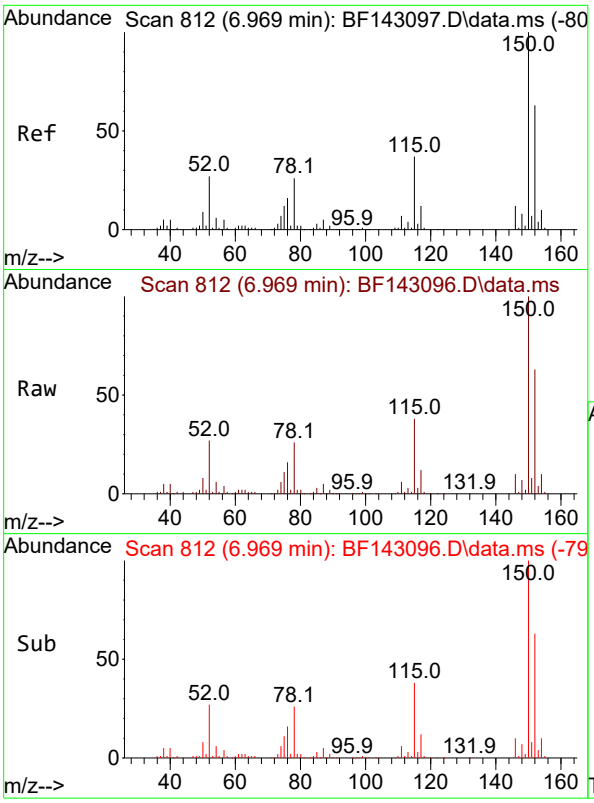
Quant Time: Jul 15 17:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

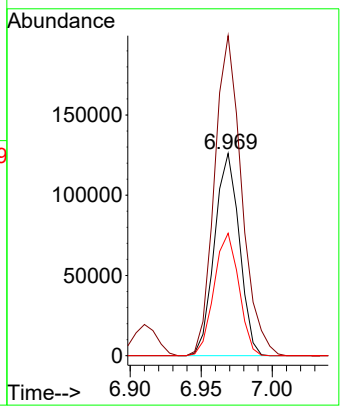




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:152 Resp: 15323

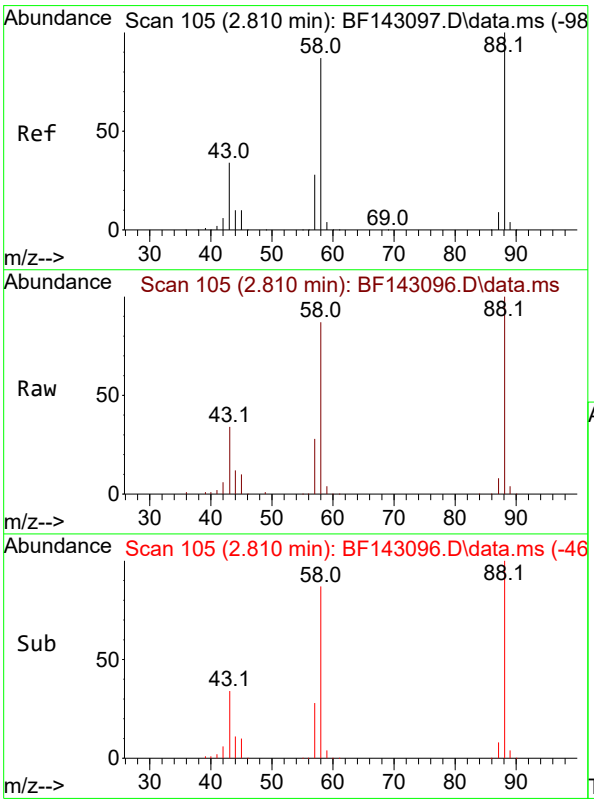
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.5	189.7
115	60.6	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

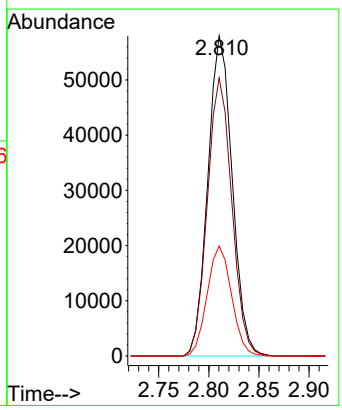
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

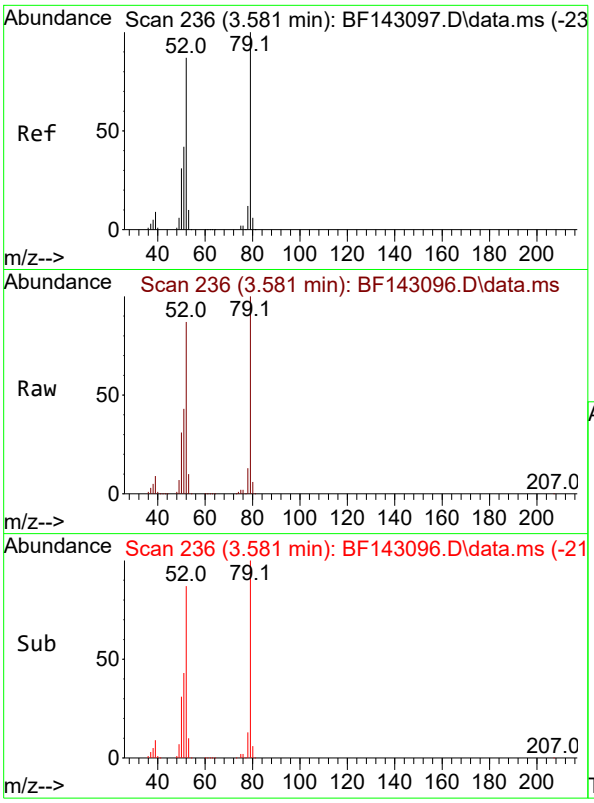


#2
1,4-Dioxane
Concen: 20.301 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 88 Resp: 98010

Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.5	105.7
43	34.3	27.3	40.9

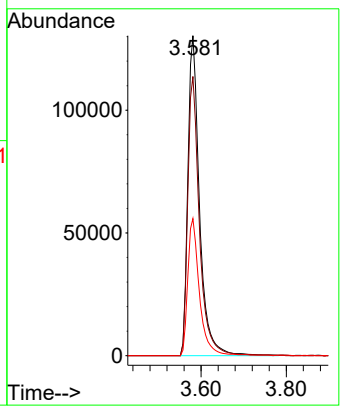




#3
Pyridine
Concen: 20.259 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 79 Resp: 24767

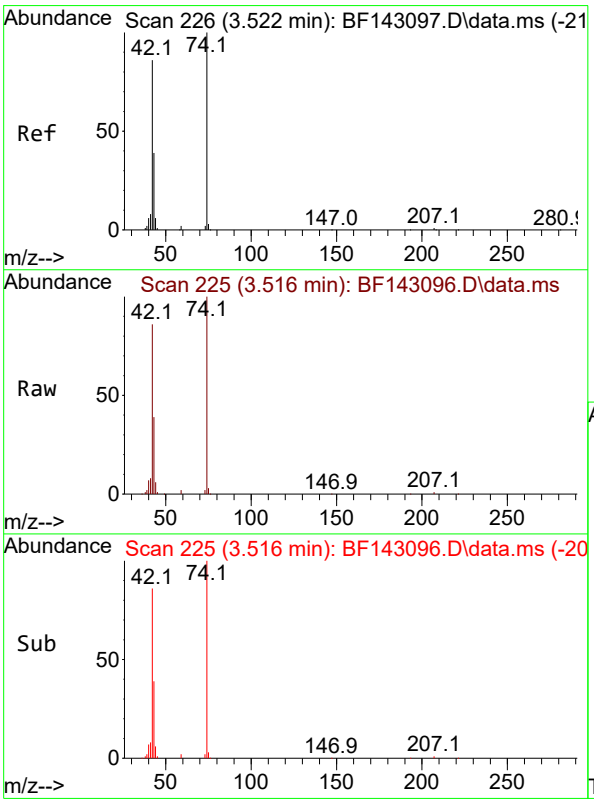
Ion	Ratio	Lower	Upper
79	100		
52	87.3	69.2	103.8
51	42.8	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

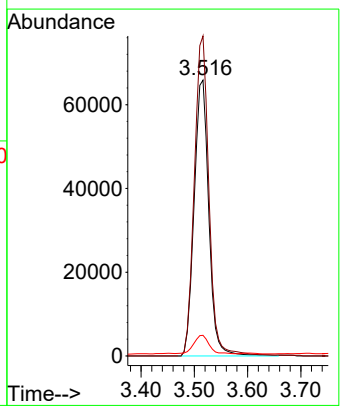
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

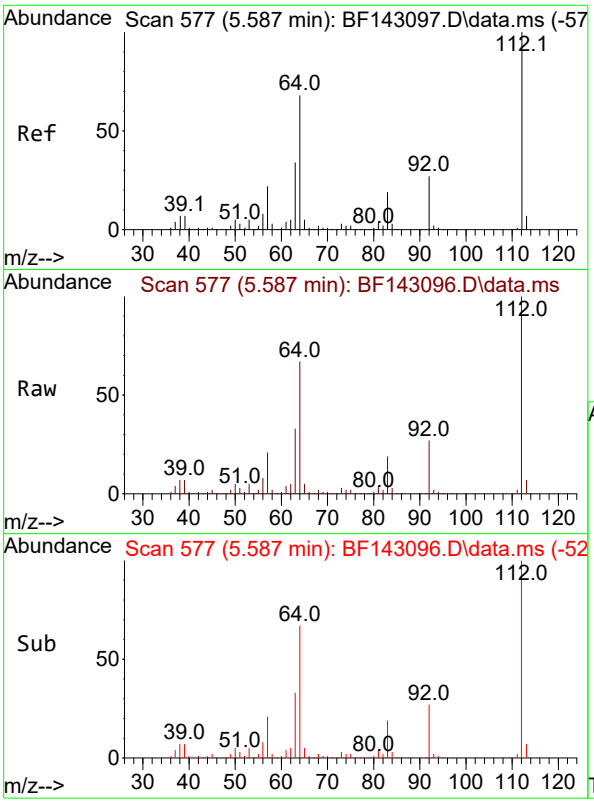


#4
n-Nitrosodimethylamine
Concen: 19.948 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 42 Resp: 126355

Ion	Ratio	Lower	Upper
42	100		
74	116.0	92.8	139.2
44	7.5	5.8	8.6

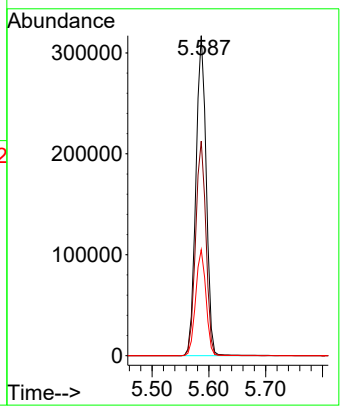




#5
2-Fluorophenol
Concen: 41.549 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:112 Resp: 40297

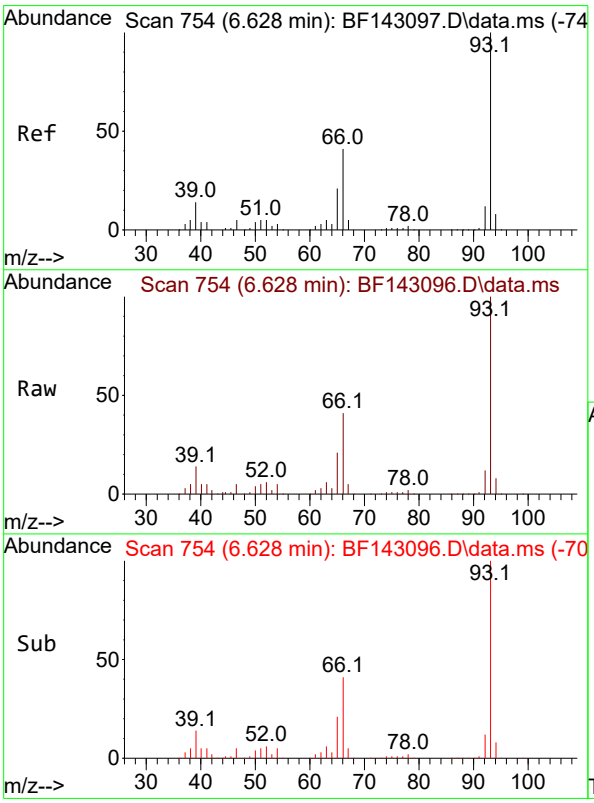
Ion	Ratio	Lower	Upper
112	100		
64	67.1	54.6	82.0
63	33.1	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

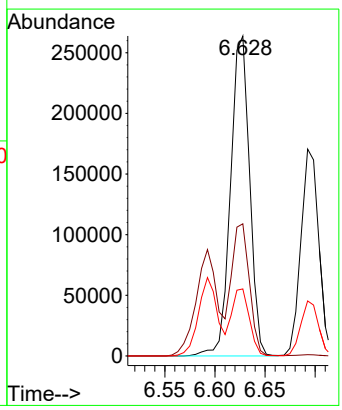
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

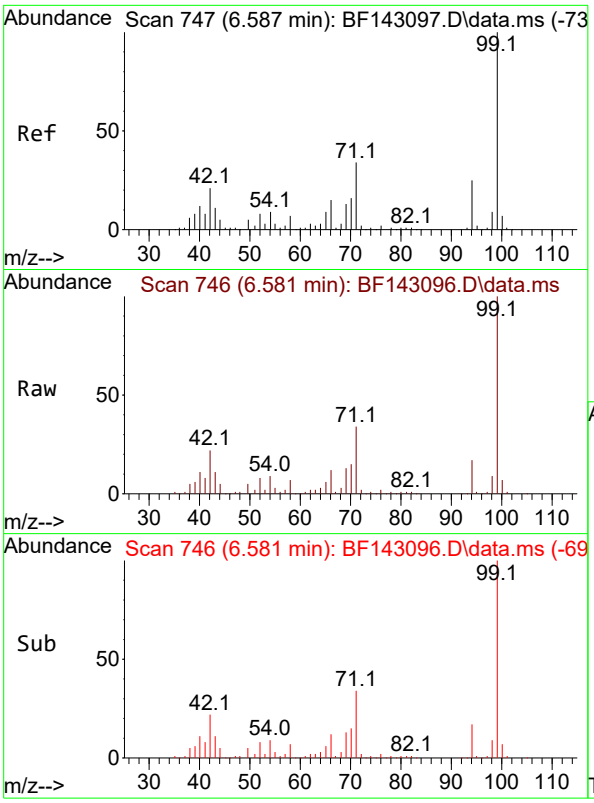


#6
Aniline
Concen: 20.349 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 93 Resp: 349337

Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.1	49.7
65	20.9	16.9	25.3

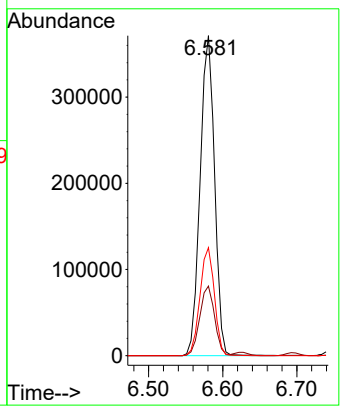




#7
Phenol-d6
Concen: 41.231 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 99 Resp: 50265

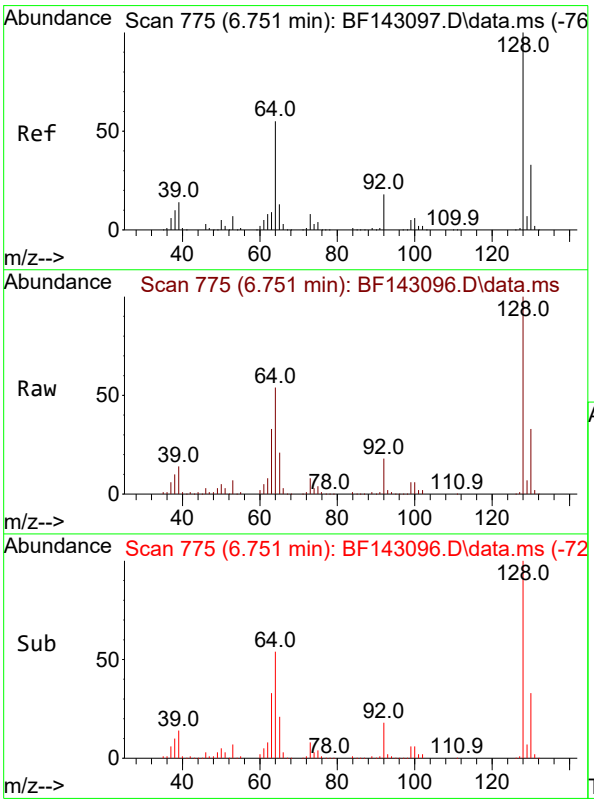
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.2	25.8
71	33.8	27.4	41.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

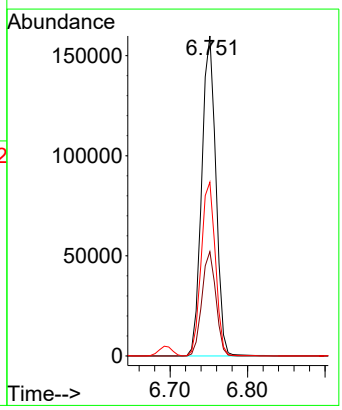
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

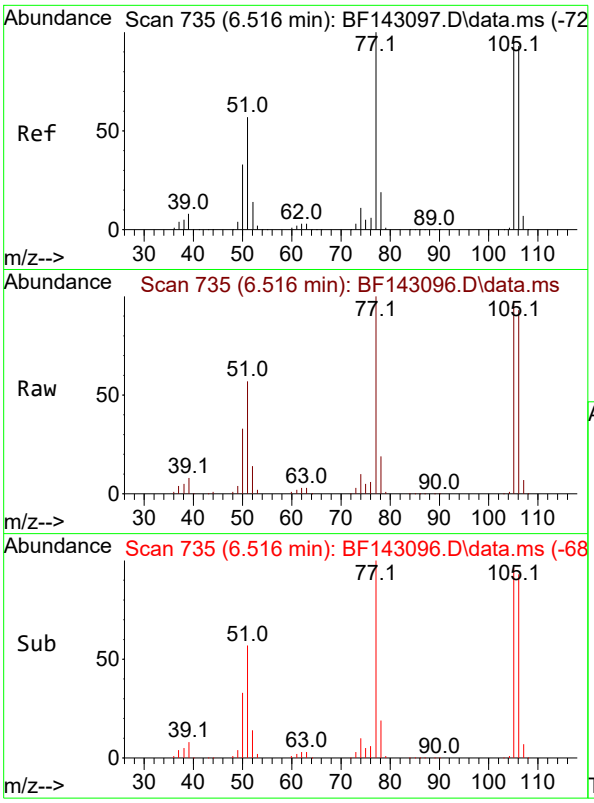


#8
2-Chlorophenol
Concen: 20.775 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:128 Resp: 202437

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	54.3	36.1	76.1

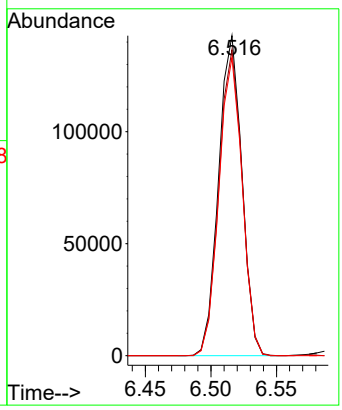




#9
Benzaldehyde
Concen: 18.952 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 77 Resp: 17605

Ion	Ratio	Lower	Upper
77	100		
105	95.6	76.3	116.3
106	93.1	72.8	112.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
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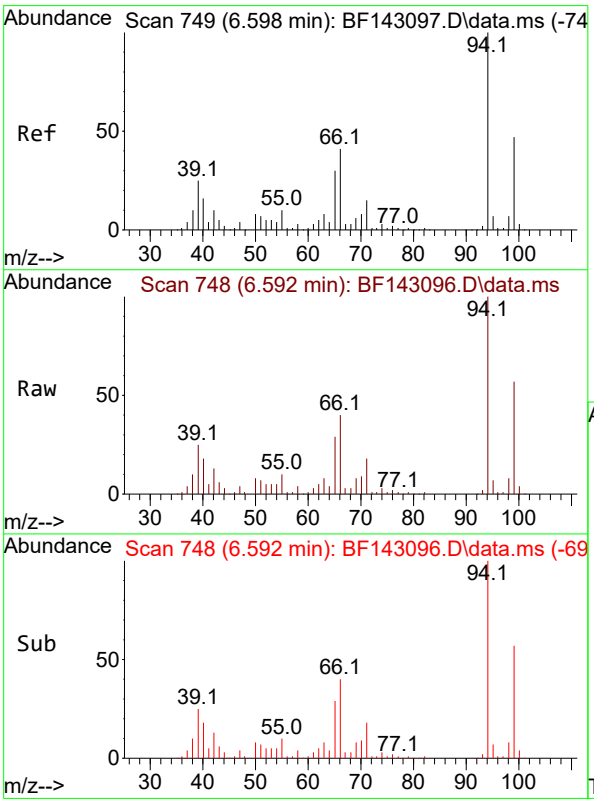
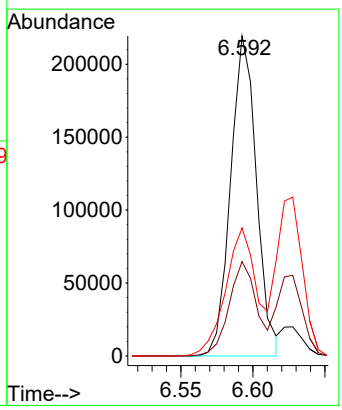
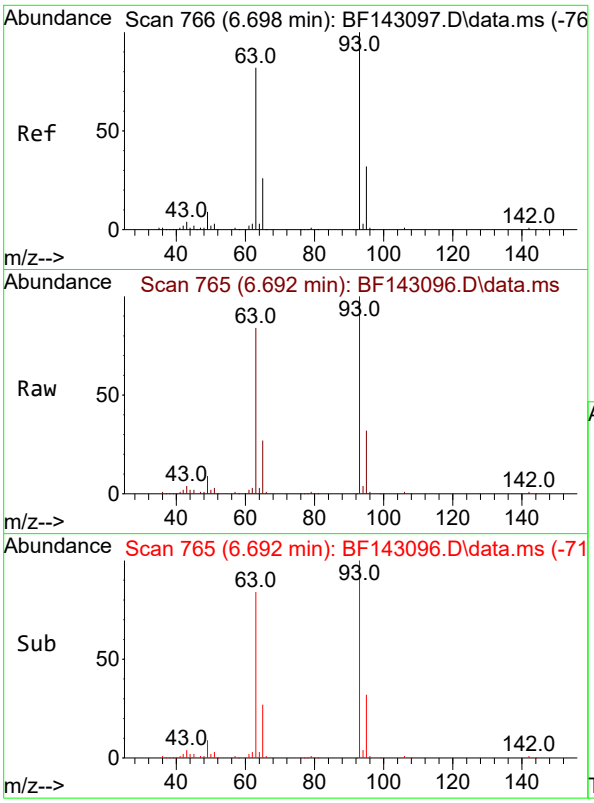


#10
Phenol
Concen: 20.693 ng m
RT: 6.592 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 94 Resp: 273102

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.8	49.8
66	40.0	20.5	60.5

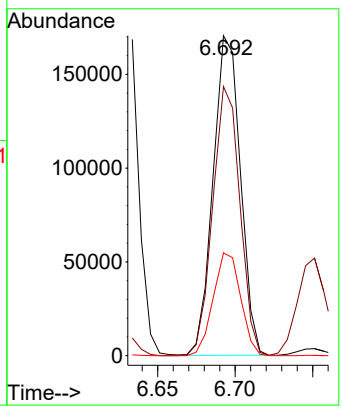




#11
bis(2-Chloroethyl)ether
Concen: 20.491 ng
RT: 6.692 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 93 Resp: 20936

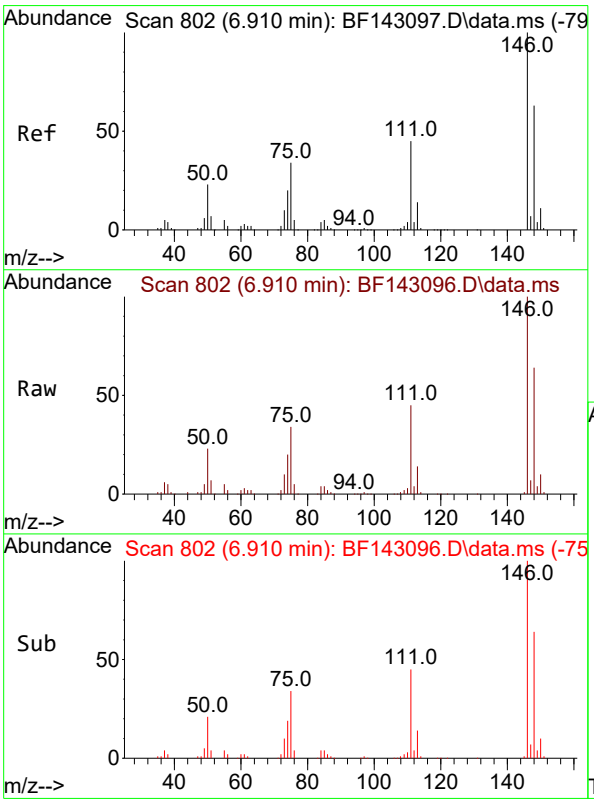
Ion	Ratio	Lower	Upper
93	100		
63	84.1	61.9	101.9
95	32.2	12.2	52.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

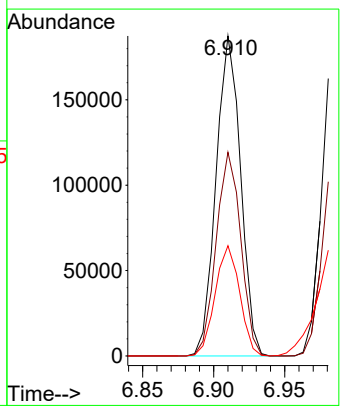
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

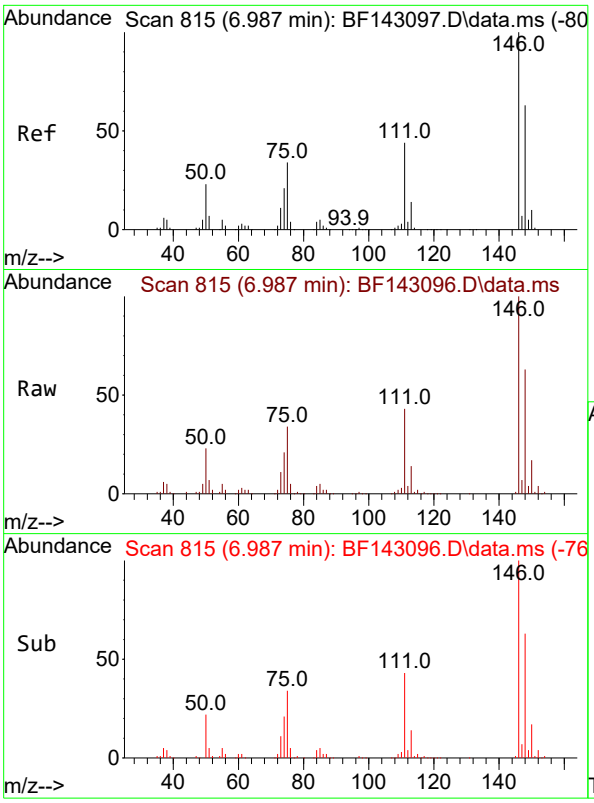


#12
1,3-Dichlorobenzene
Concen: 20.458 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:146 Resp: 225218

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.1	75.1
75	34.5	27.4	41.0

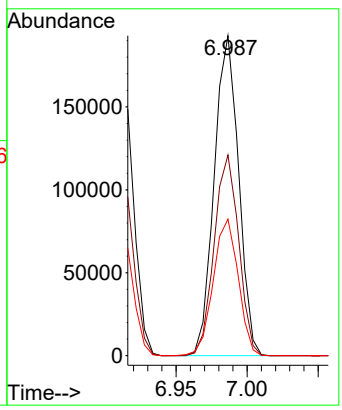




#13
1,4-Dichlorobenzene
Concen: 20.804 ng
RT: 6.987 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:146 Resp: 23040

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	42.7	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Rahul Chavli 07/16/2025
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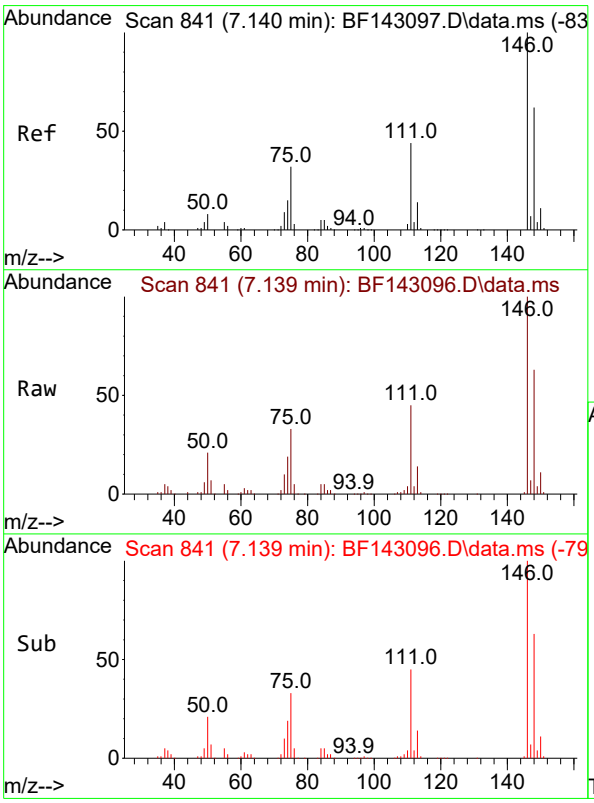
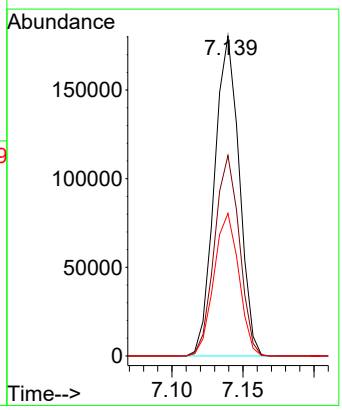
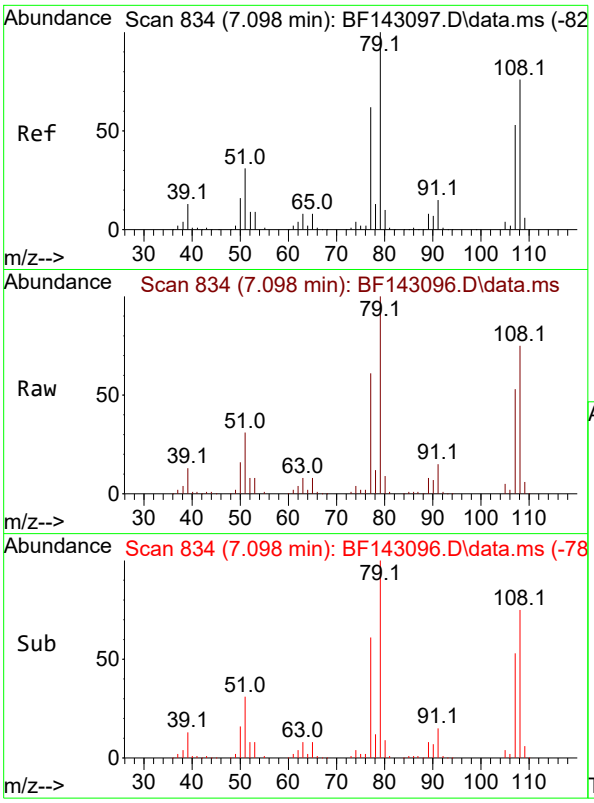


#14
1,2-Dichlorobenzene
Concen: 20.745 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:146 Resp: 219102

Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.8	74.6
111	44.5	35.4	53.0





#15
Benzyl Alcohol
Concen: 20.428 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 79 Resp: 18453

Ion	Ratio	Lower	Upper
79	100		
108	75.2	61.1	91.7
77	60.8	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
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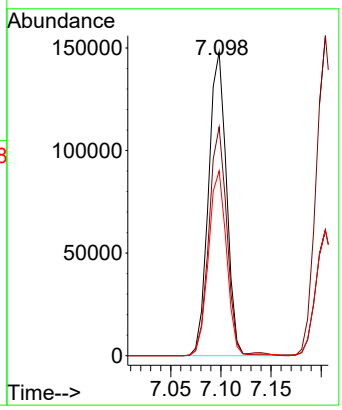
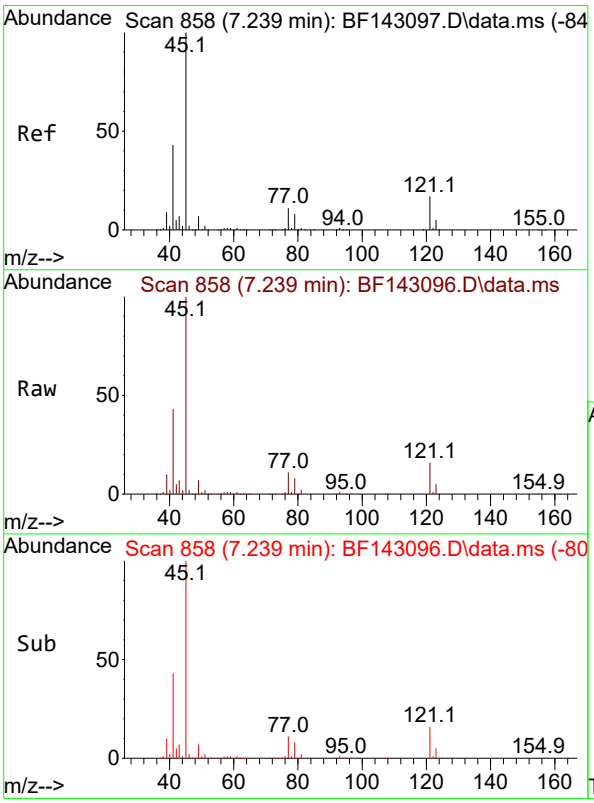
Supervised By :Jagrut Upadhyay 07/16/2025

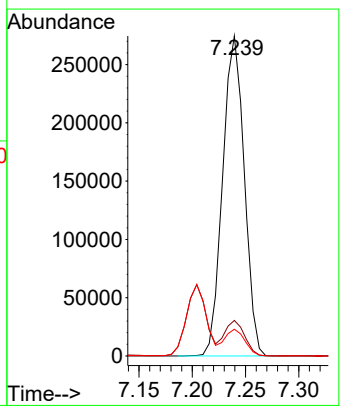


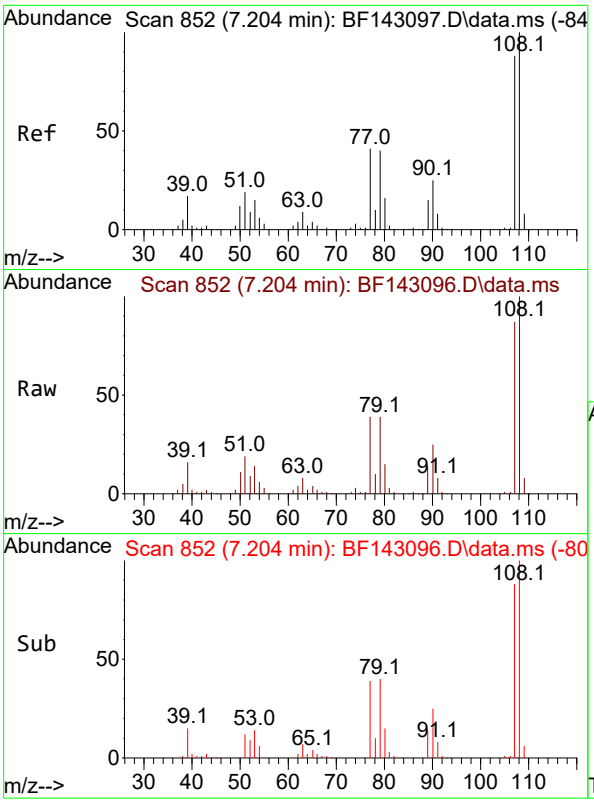


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.571 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 45 Resp: 387425

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.4	0.0	28.4

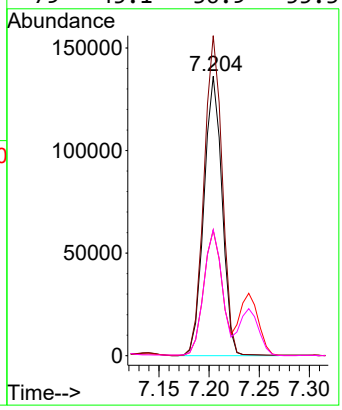




#17
2-Methylphenol
Concen: 20.480 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:107 Resp: 17221

Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.9	136.3
77	44.9	37.5	56.3
79	45.1	36.9	55.3



Instrument :
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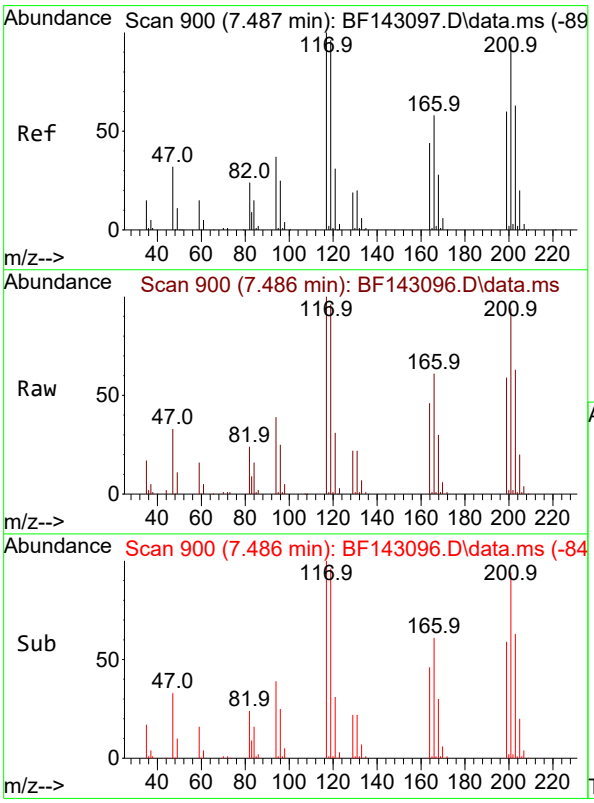
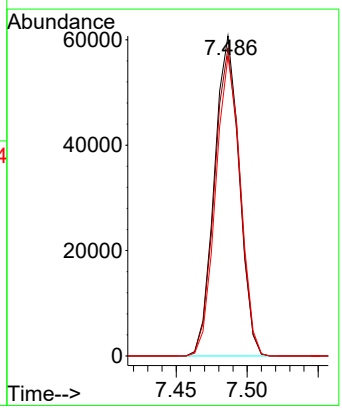
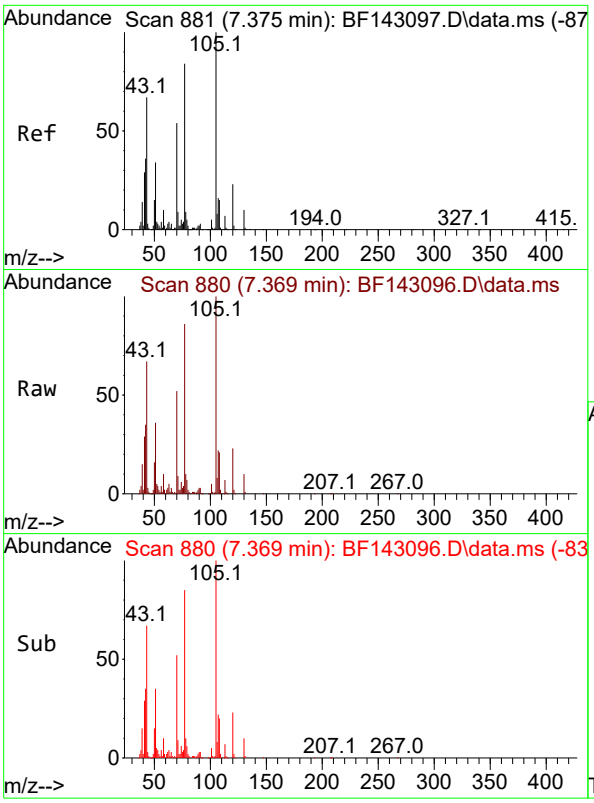


#18
Hexachloroethane
Concen: 20.654 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:117 Resp: 74466

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	93.7	75.0	112.4

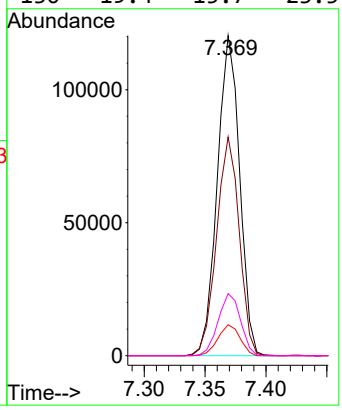




#19
n-Nitroso-di-n-propylamine
Concen: 20.559 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 70 Resp: 15355

Ion	Ratio	Lower	Upper
70	100		
42	68.3	53.2	79.8
101	9.7	7.5	11.3
130	19.4	15.7	23.5



Instrument :
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ClientSampleId :
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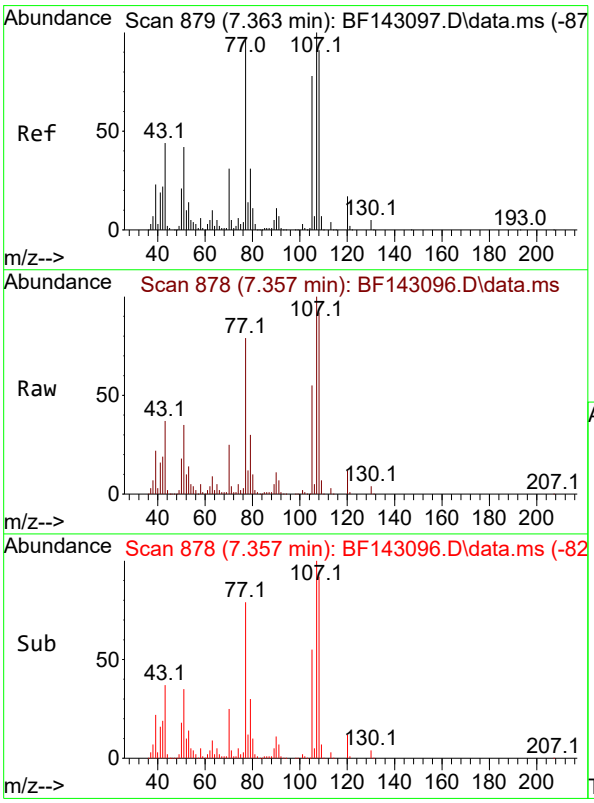
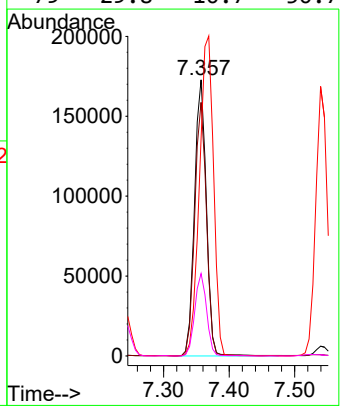
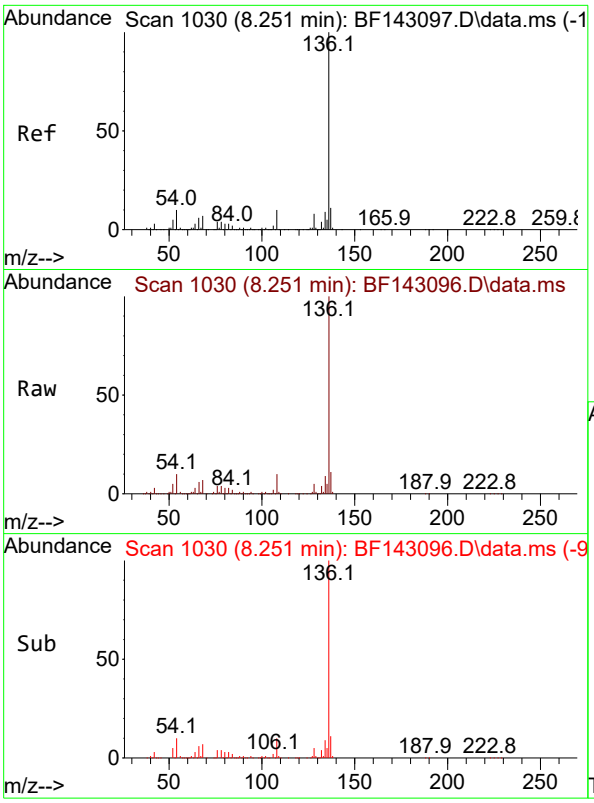


#20
3+4-Methylphenols
Concen: 21.080 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:107 Resp: 217393

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.3	111.3
77	78.6	77.2	117.2
79	29.8	10.7	50.7

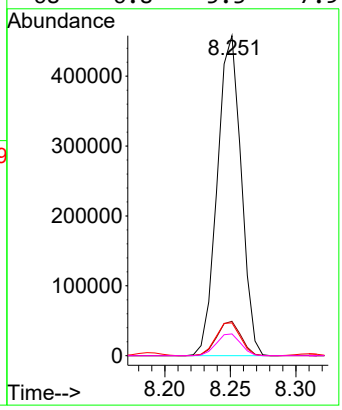




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:136 Resp: 57990

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.2	8.3	12.5
68	6.8	5.3	7.9



Instrument :
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ClientSampleId :
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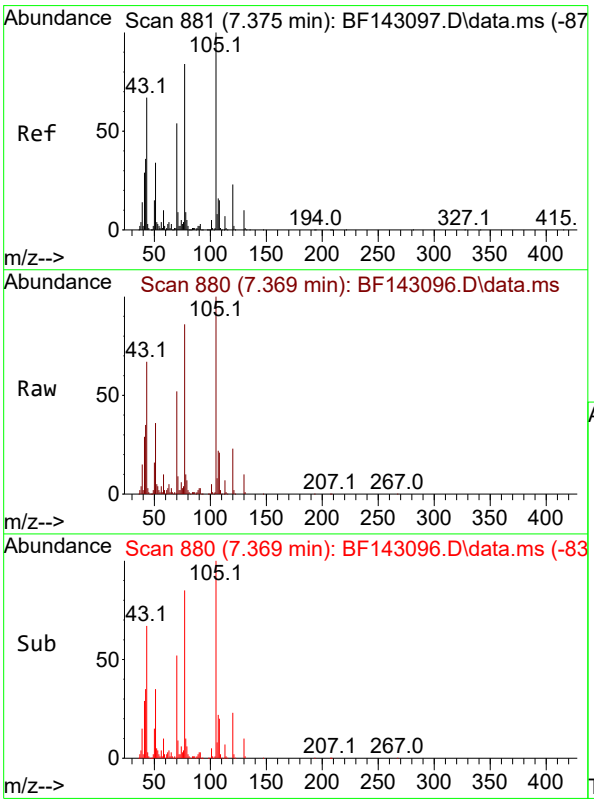
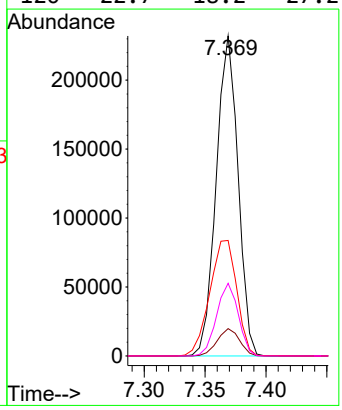
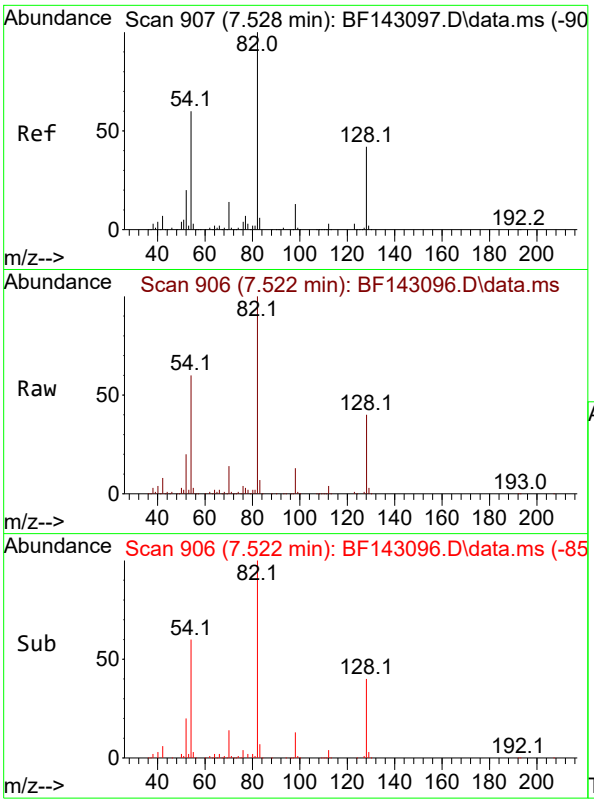


#22
Acetophenone
Concen: 20.725 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:105 Resp: 289716

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.2	10.8
51	36.1	27.0	40.4
120	22.7	18.2	27.2

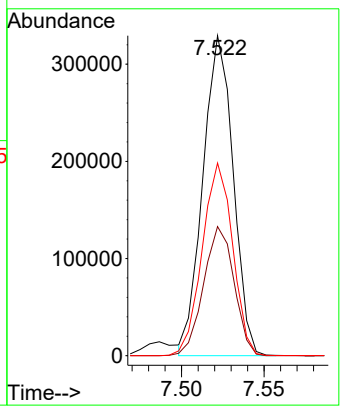




#23
Nitrobenzene-d5
Concen: 40.693 ng m
RT: 7.522 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 82 Resp: 42067

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	60.2	47.4	71.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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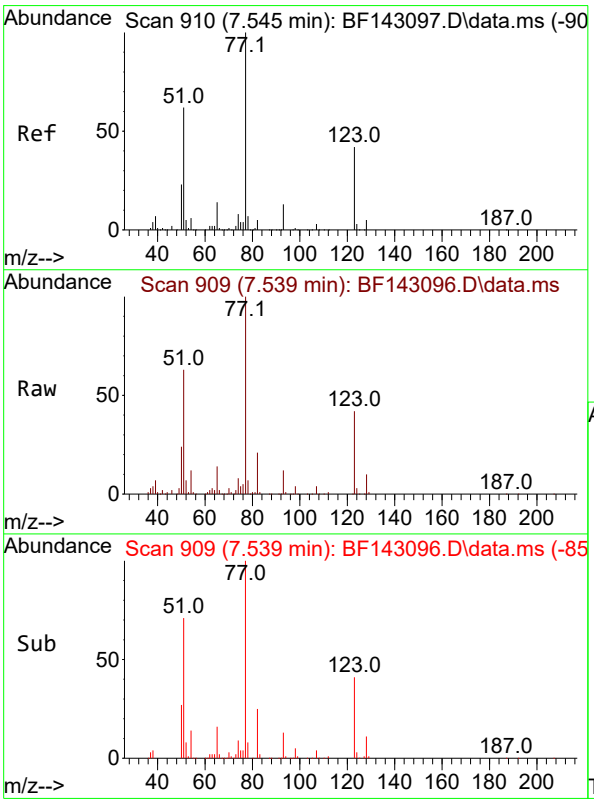
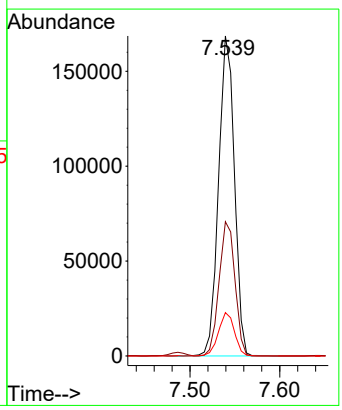
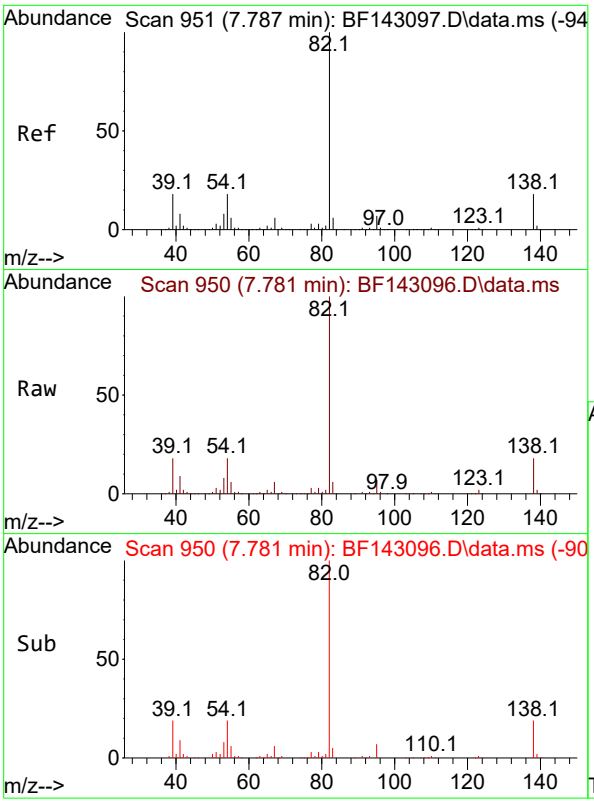


#24
Nitrobenzene
Concen: 20.721 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 77 Resp: 206781

Ion	Ratio	Lower	Upper
77	100		
123	42.0	34.5	51.7
65	13.5	11.3	16.9





#25
Isophorone
Concen: 20.239 ng
RT: 7.781 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 82 Resp: 40438

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	17.7	14.3	21.5

Instrument :
BNA_F
ClientSampleId :
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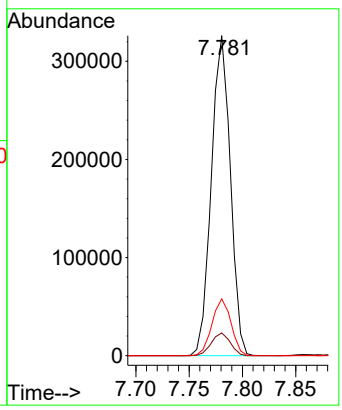
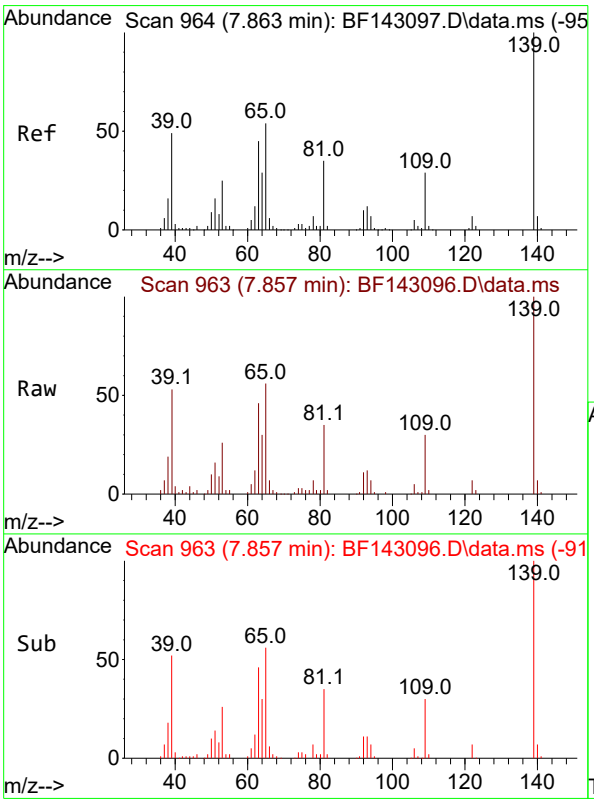
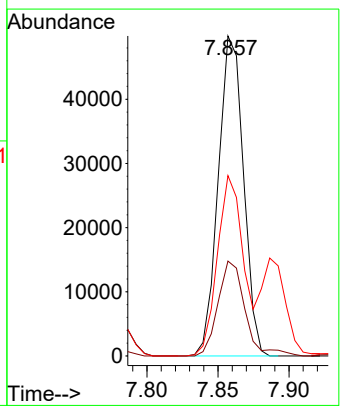


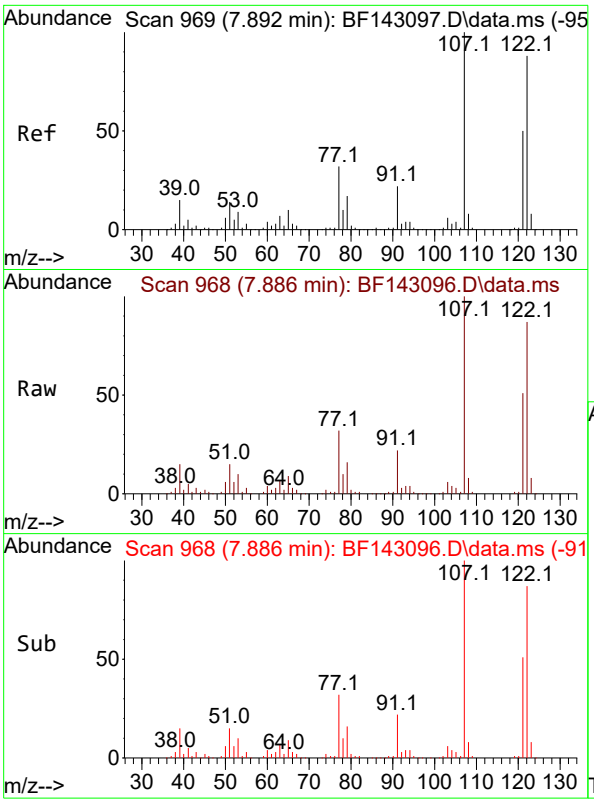


#26
2-Nitrophenol
Concen: 18.099 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:139 Resp: 61544

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.0
65	56.3	43.4	65.2

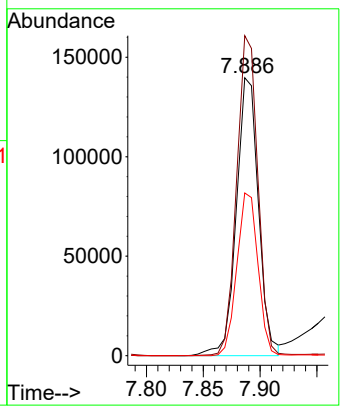




#27
2,4-Dimethylphenol
Concen: 20.363 ng
RT: 7.886 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:122 Resp: 18884

Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.3	136.9
121	58.6	45.5	68.3



Instrument :
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ClientSampleId :
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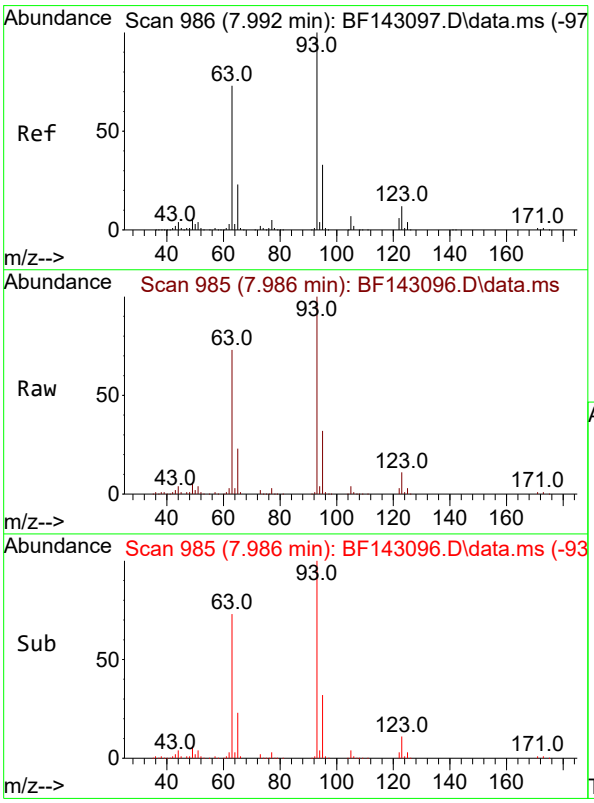
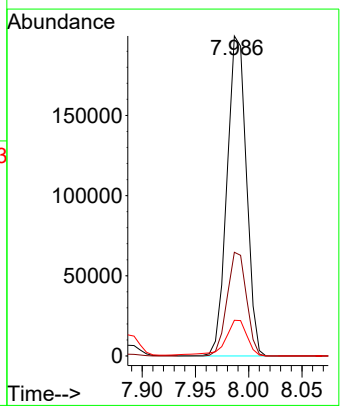
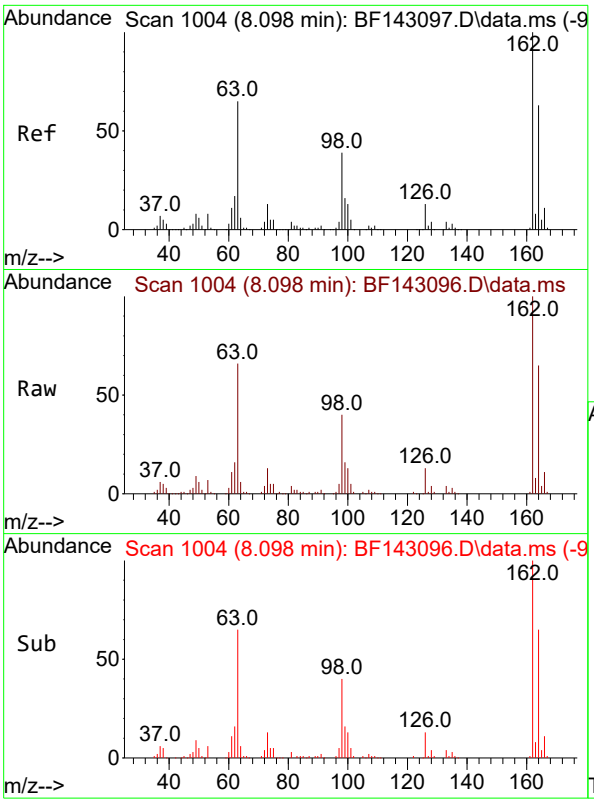


#28
bis(2-Chloroethoxy)methane
Concen: 20.814 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 93 Resp: 252183

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.1	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 20.427 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:162 Resp: 15497

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.1	83.1
98	40.0	19.2	59.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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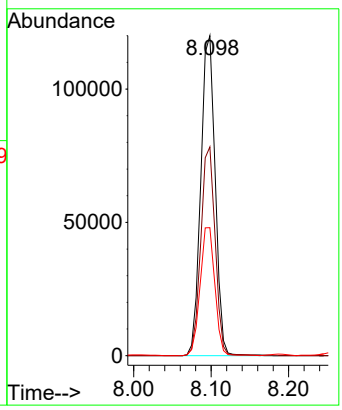
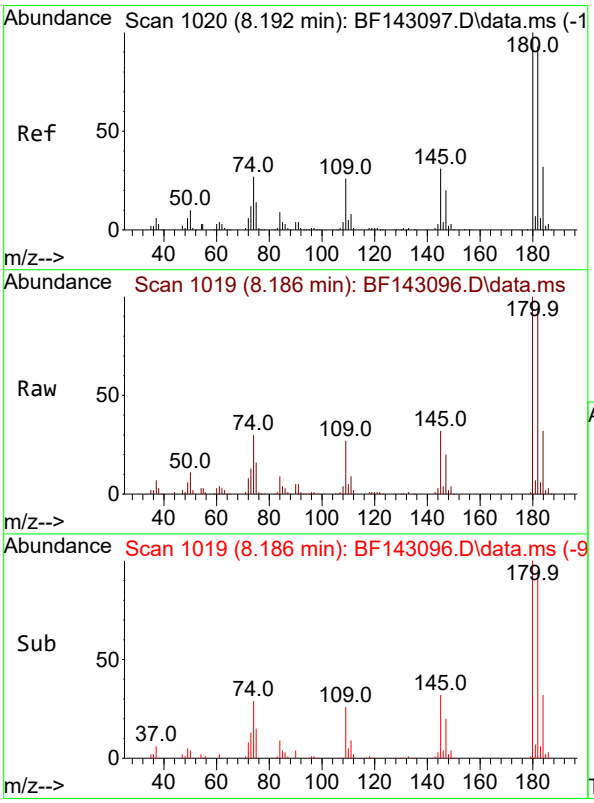
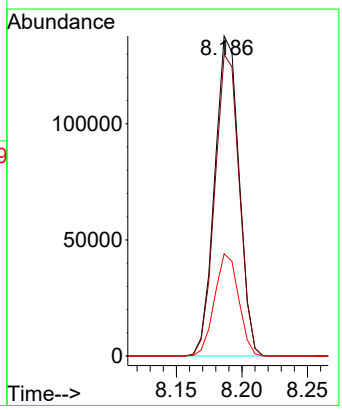


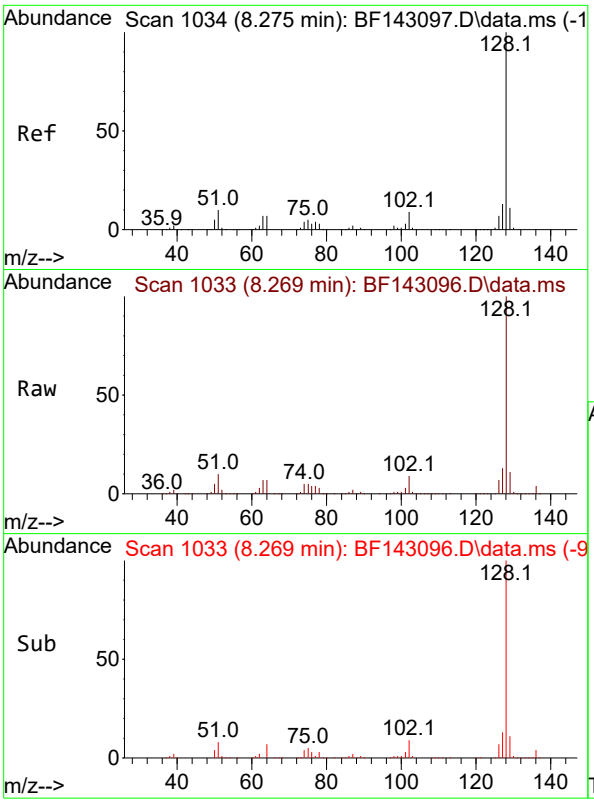


#30
1,2,4-Trichlorobenzene
Concen: 20.647 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:180 Resp: 177770

Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.7	112.1
145	31.9	24.5	36.7

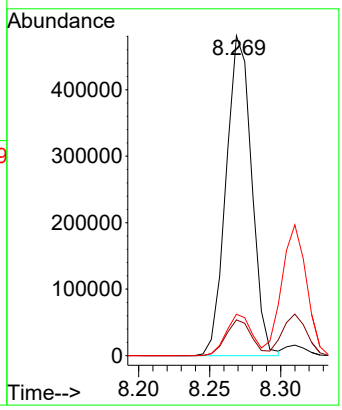




#31
Naphthalene
Concen: 20.881 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:128 Resp: 60131

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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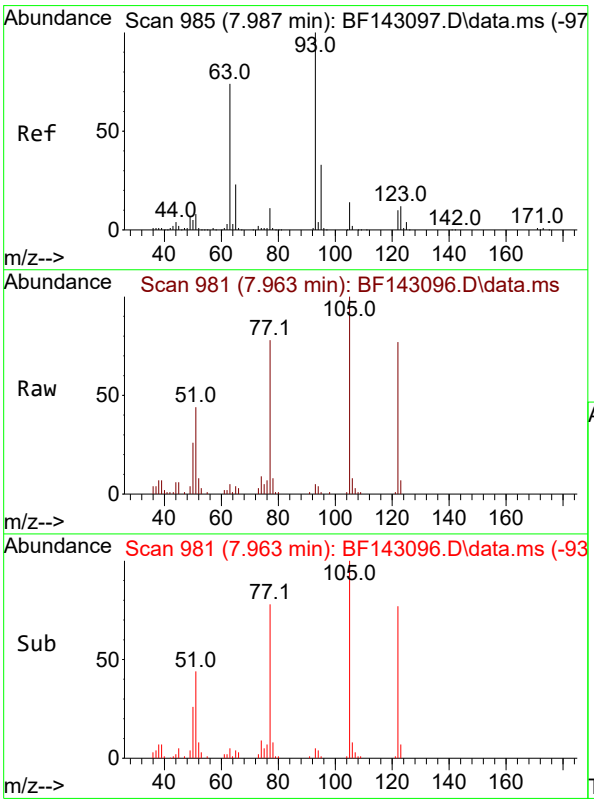
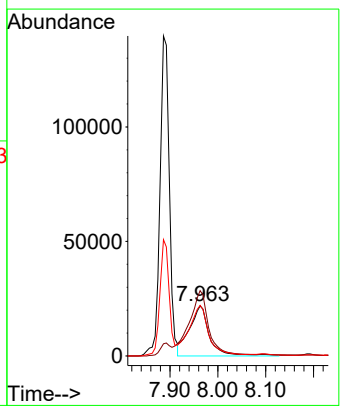
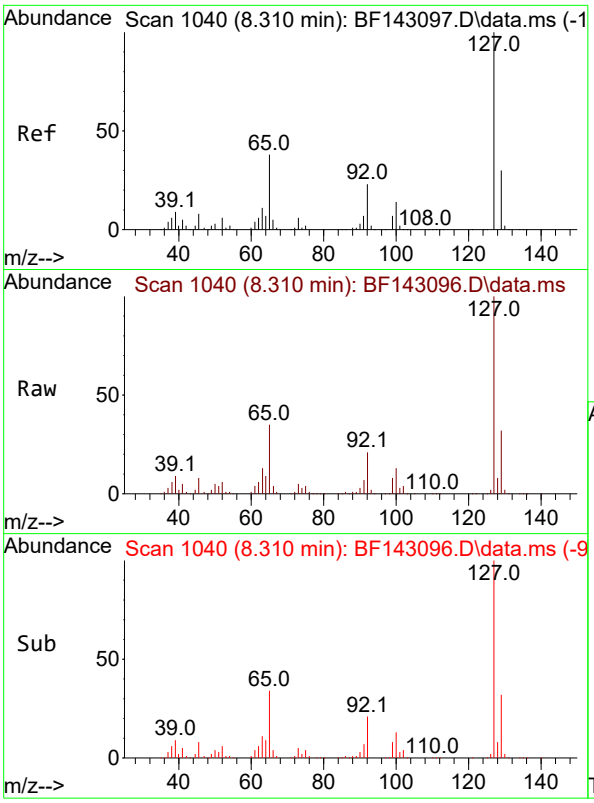


#32
Benzoic acid
Concen: 18.587 ng m
RT: 7.963 min Scan# 981
Delta R.T. -0.024 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:122 Resp: 64517

Ion	Ratio	Lower	Upper
122	100		
105	130.0	105.4	145.4
77	100.9	78.6	118.6

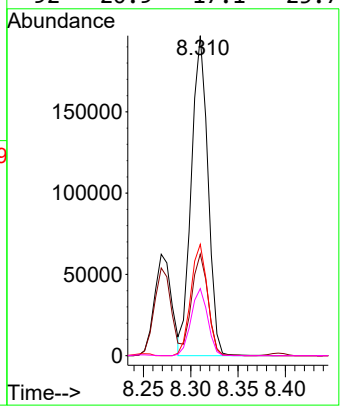




#33
4-Chloroaniline
Concen: 20.714 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:127 Resp: 23986

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	34.8	28.6	42.8
92	20.9	17.1	25.7



Instrument :
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ClientSampleId :
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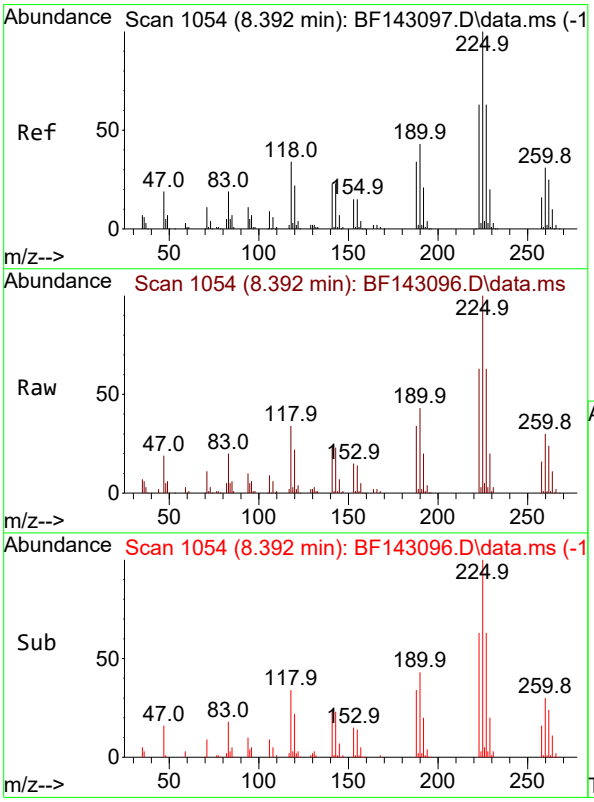
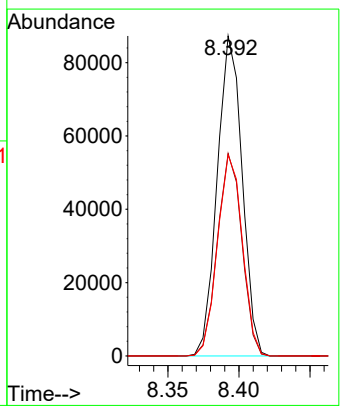
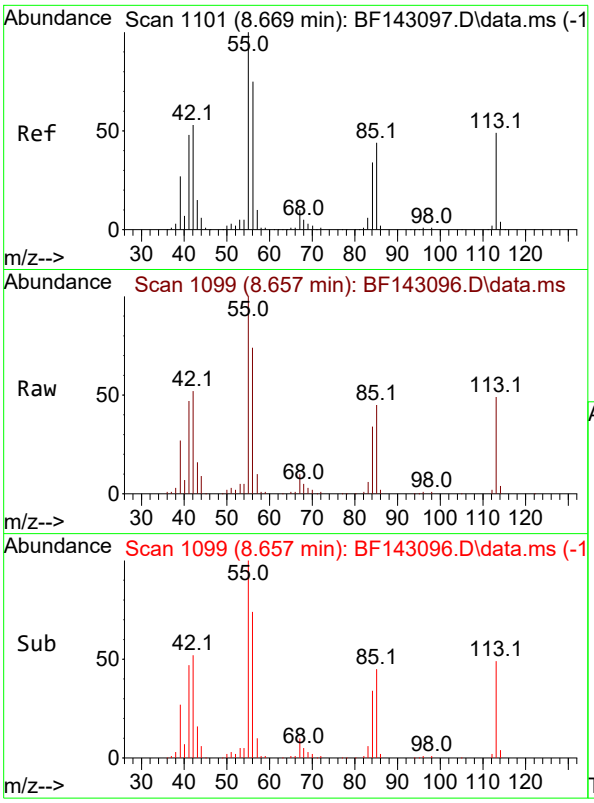


#34
Hexachlorobutadiene
Concen: 20.655 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:225 Resp: 106359

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	62.9	50.1	75.1





#35
Caprolactam
Concen: 19.171 ng
RT: 8.657 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:113 Resp: 4541

Ion	Ratio	Lower	Upper
113	100		
55	203.9	186.2	226.2
56	150.9	134.1	174.1

Instrument :
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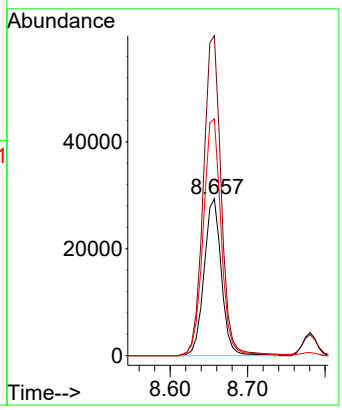
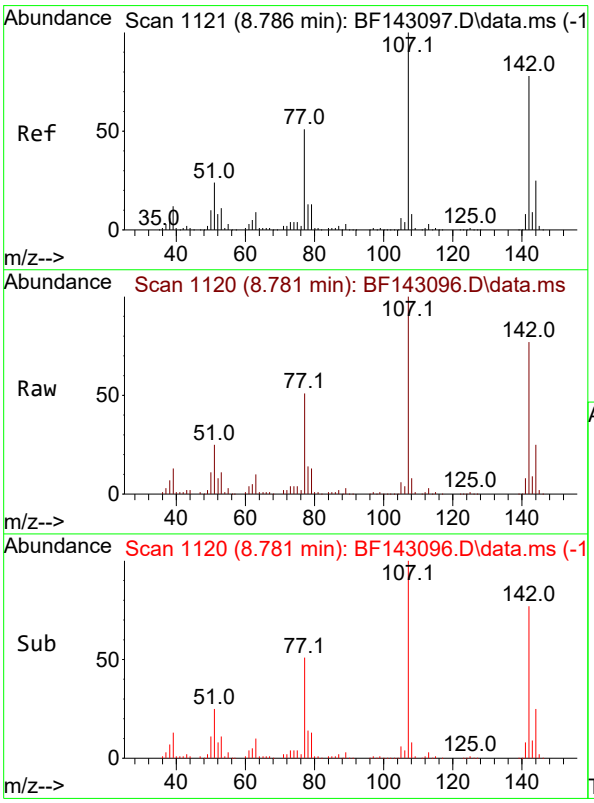
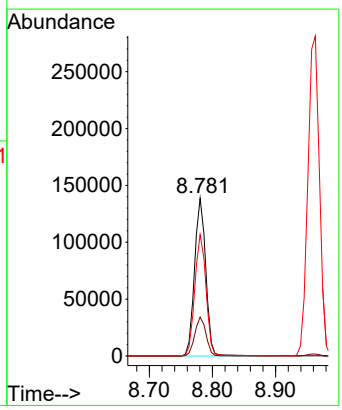


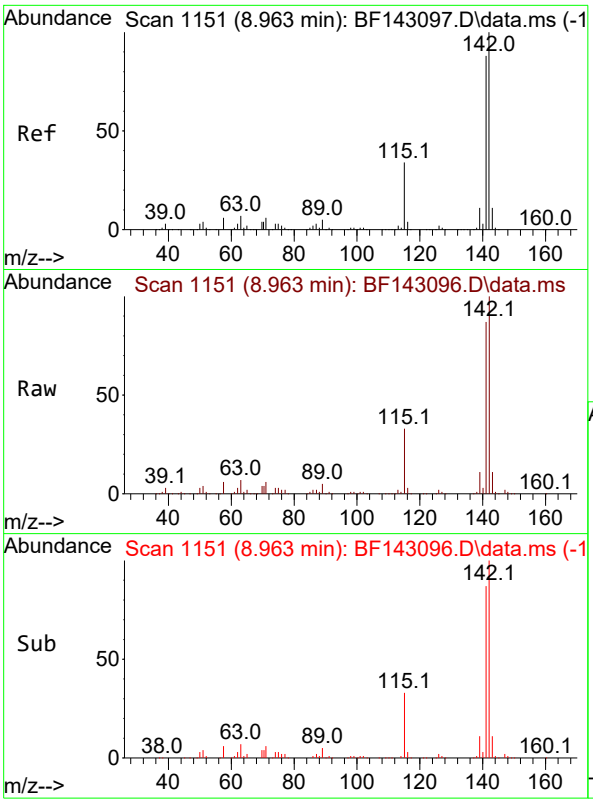


#36
4-Chloro-3-methylphenol
Concen: 20.307 ng
RT: 8.781 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:107 Resp: 171615

Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.2	30.2
142	77.0	62.4	93.6





#37
2-Methylnaphthalene
Concen: 20.744 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:142 Resp: 35637

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.2

Instrument :
BNA_F
ClientSampleId :
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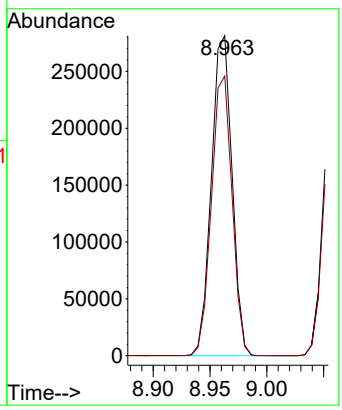
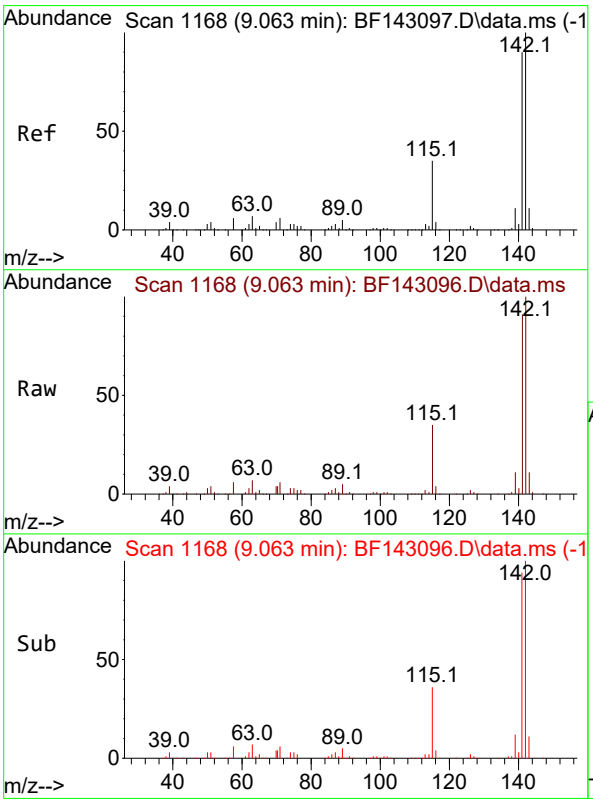
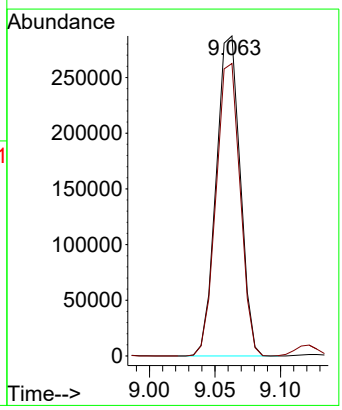


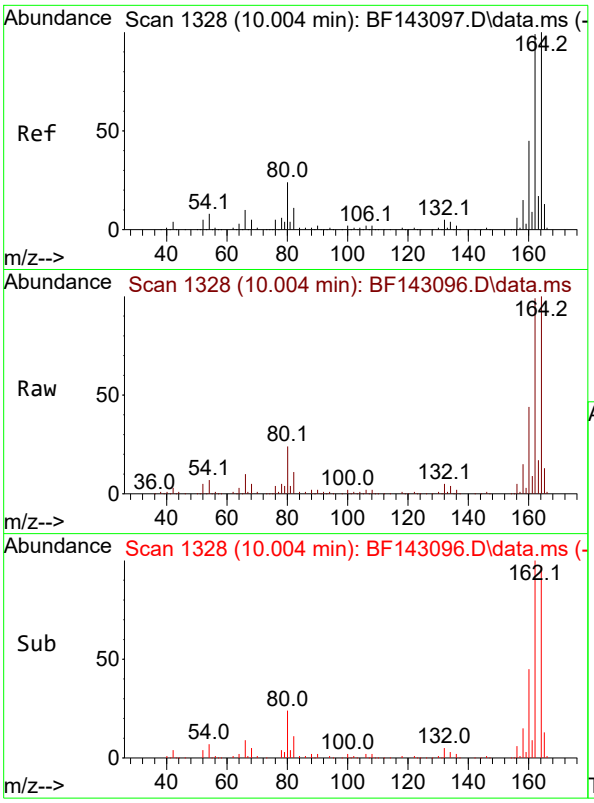


#38
1-Methylnaphthalene
Concen: 20.524 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:142 Resp: 365700

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4

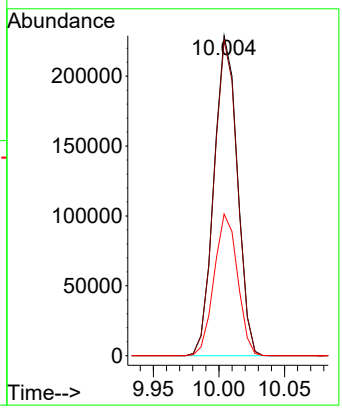




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:164 Resp: 28330

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.6
160	44.2	35.8	53.6



Instrument :
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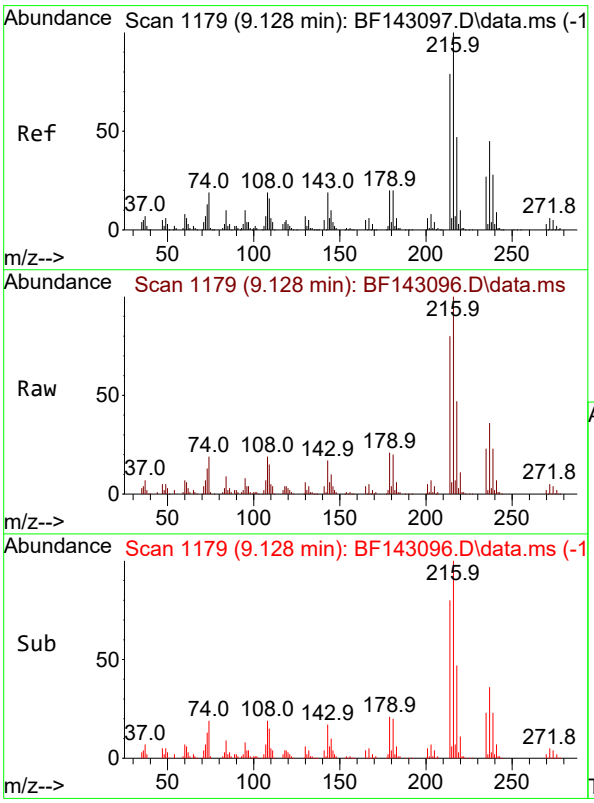
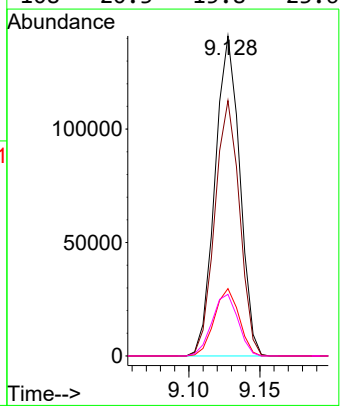
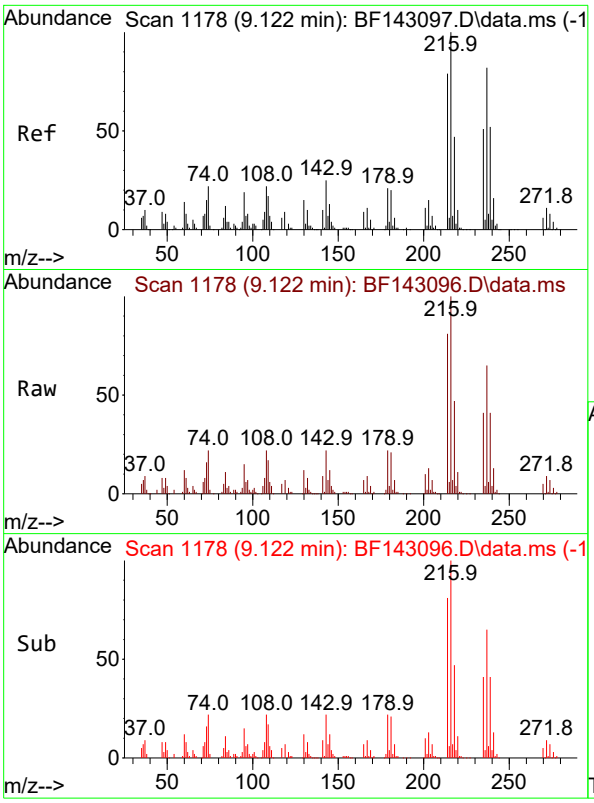


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.673 ng
RT: 9.128 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:216 Resp: 170678

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.6	94.0
179	21.1	16.2	24.2
108	20.3	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 18.918 ng
RT: 9.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:237 Resp: 8659

Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.6	81.6
272	13.4	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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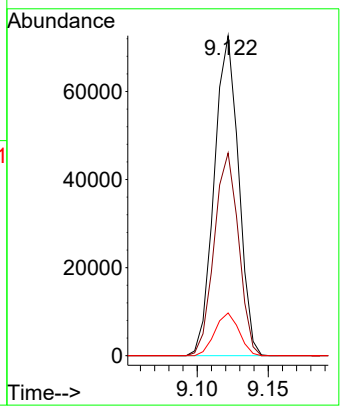
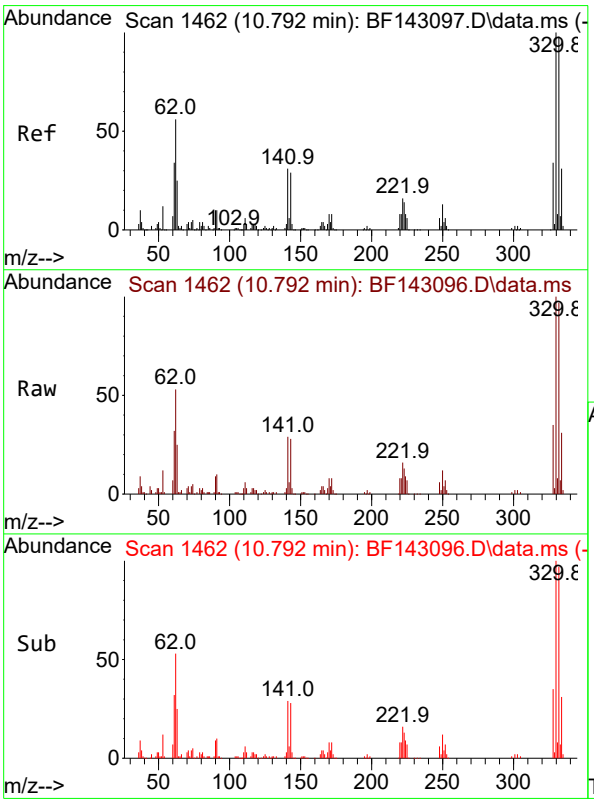
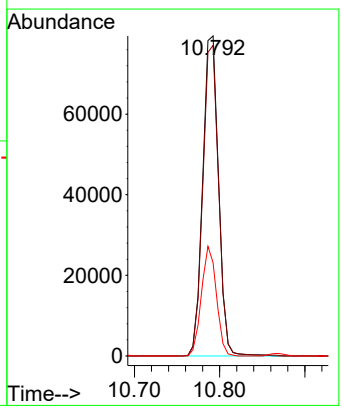


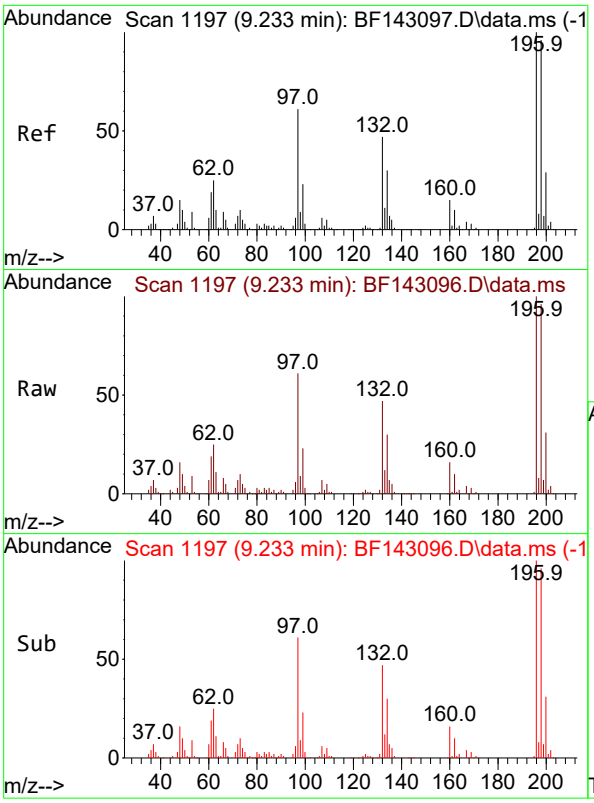


#42
2,4,6-Tribromophenol
Concen: 40.489 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:330 Resp: 102277

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.9	116.9
141	32.4	25.9	38.9

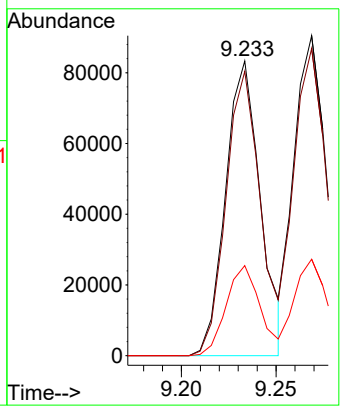




#43
2,4,6-Trichlorophenol
Concen: 20.815 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:196 Resp: 10678

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.9	115.3
200	30.6	23.5	35.3



Instrument :
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ClientSampleId :
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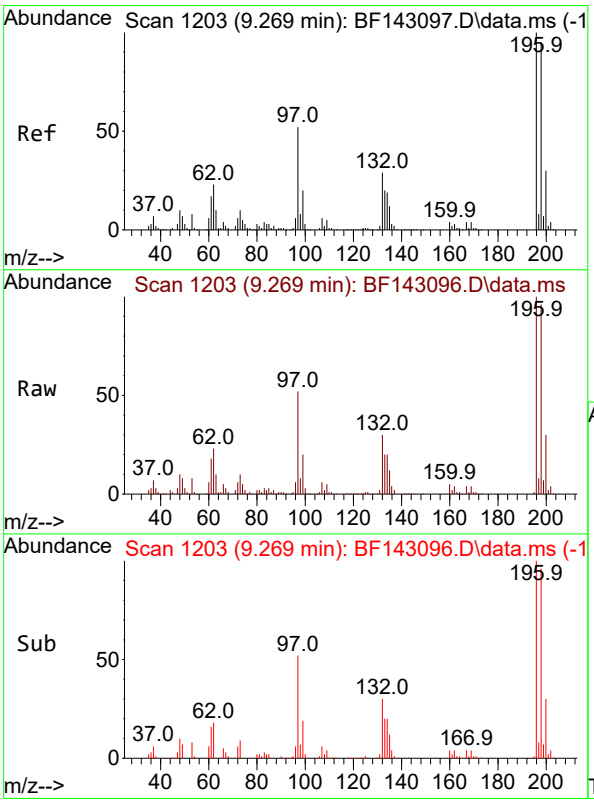
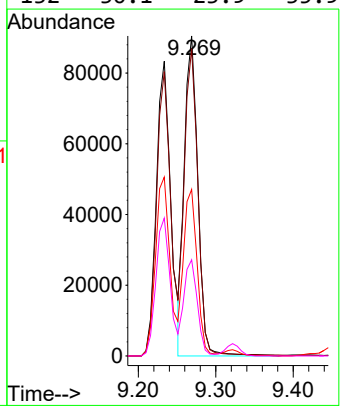
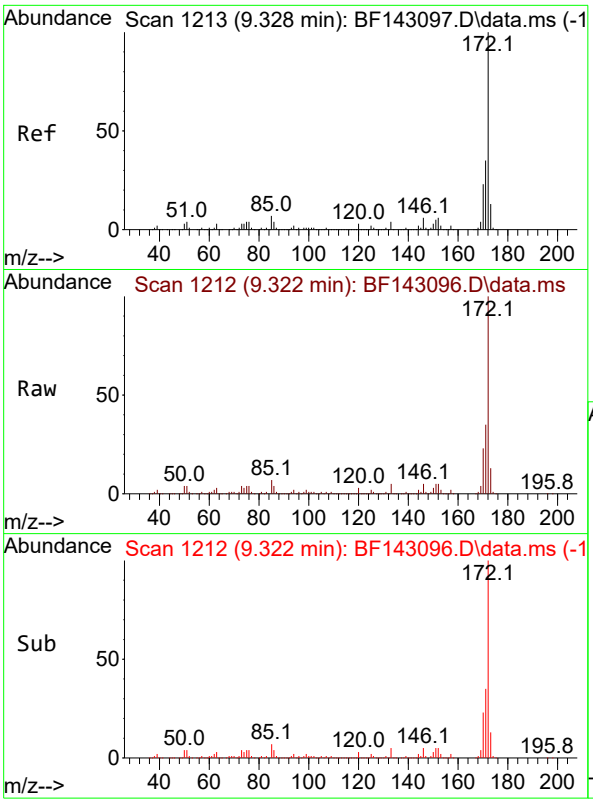


#44
2,4,5-Trichlorophenol
Concen: 20.537 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:196 Resp: 110466

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.4	114.6
97	52.0	42.4	63.6
132	30.1	23.9	35.9

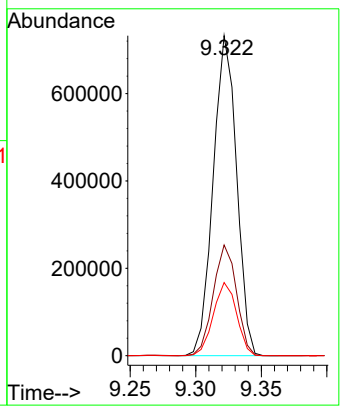




#45
2-Fluorobiphenyl
Concen: 42.581 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:172 Resp: 90749

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	22.9	18.6	28.0



Instrument :
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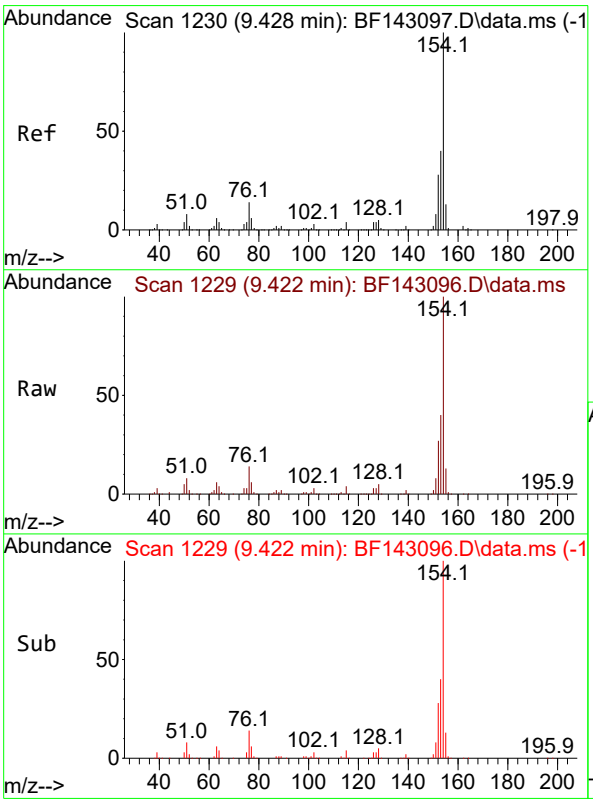
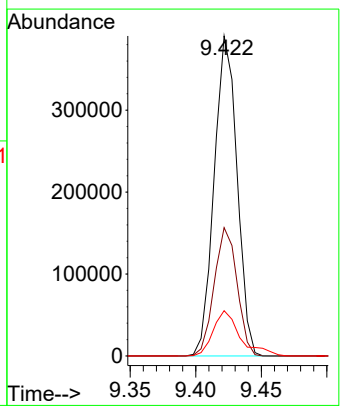
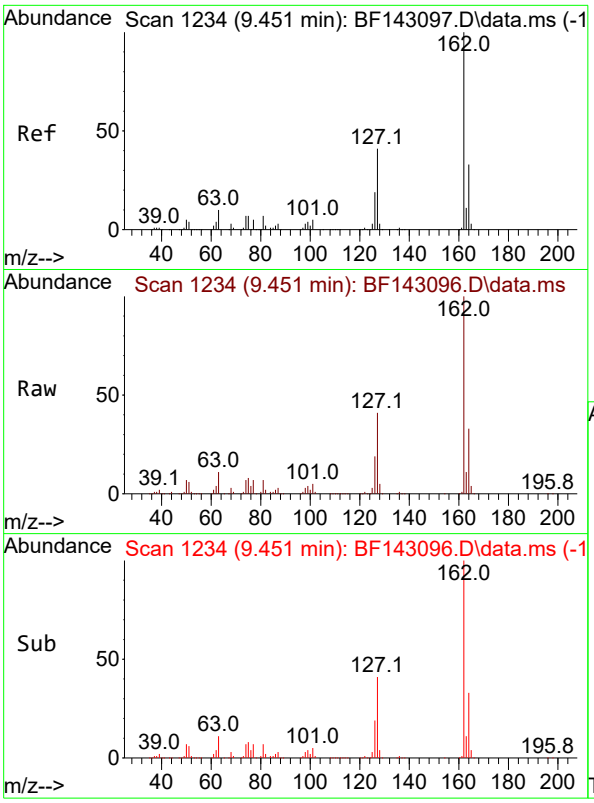


#46
1,1'-Biphenyl
Concen: 20.955 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:154 Resp: 473419

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	14.2	0.0	33.7

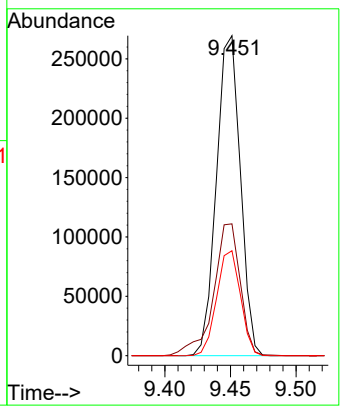




#47
2-Chloronaphthalene
Concen: 20.584 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:162 Resp: 34163

Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.6
164	32.8	26.1	39.1



Instrument :
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ClientSampleId :
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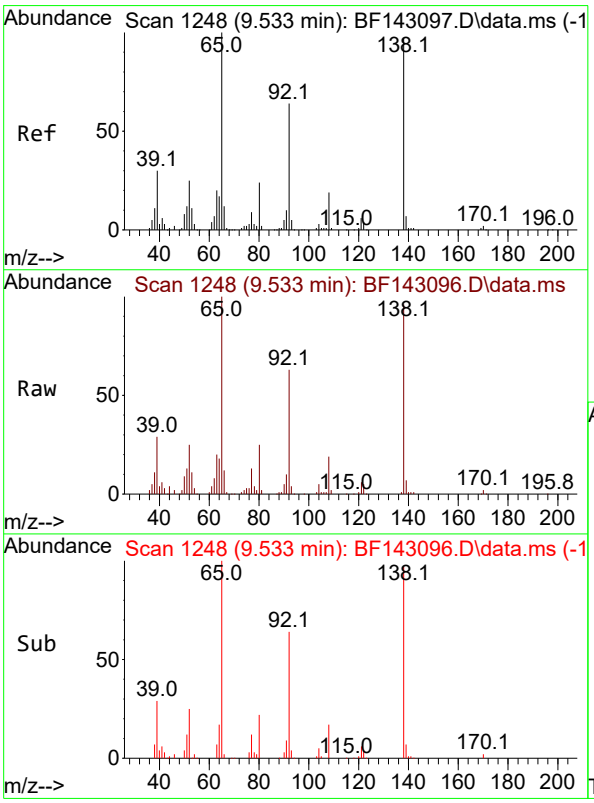
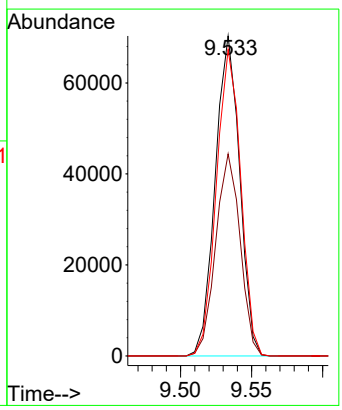
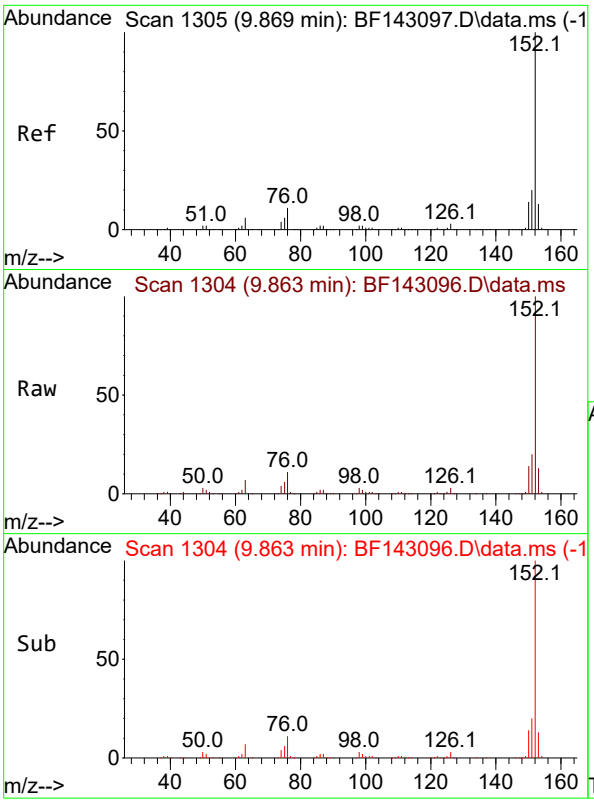


#48
2-Nitroaniline
Concen: 18.969 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 65 Resp: 83805

Ion	Ratio	Lower	Upper
65	100		
92	63.1	51.3	76.9
138	95.8	77.8	116.6

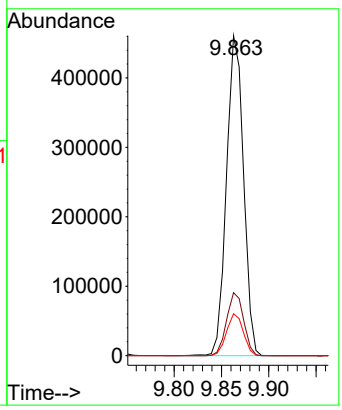




#49
Acenaphthylene
Concen: 20.837 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:152 Resp: 57626

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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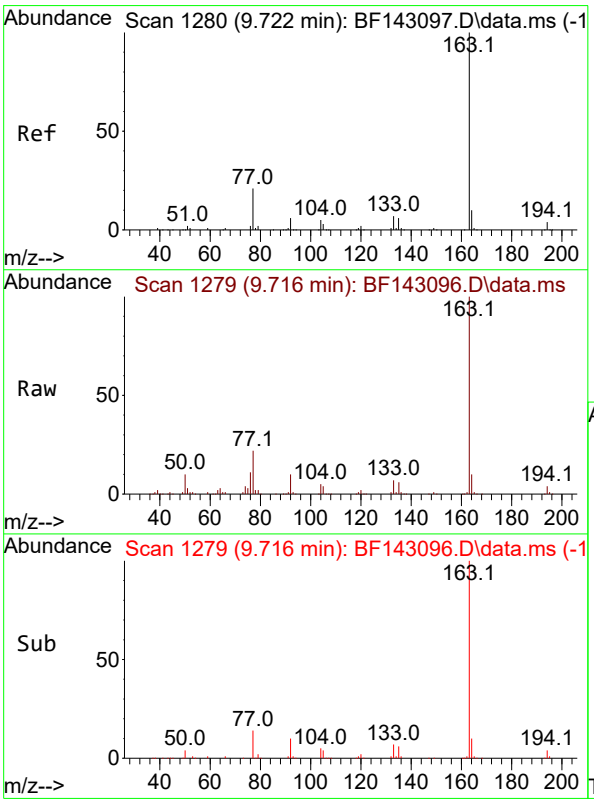
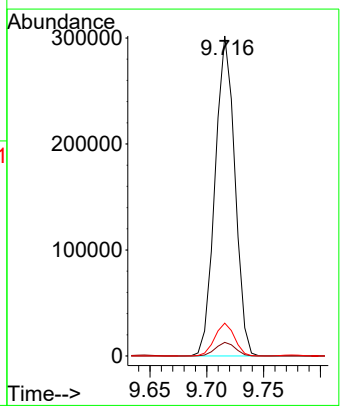
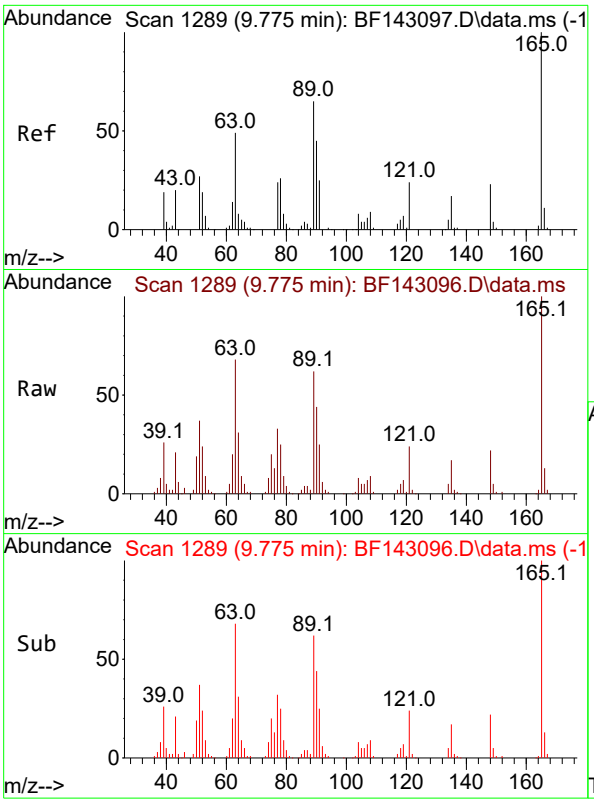


#50
Dimethylphthalate
Concen: 20.536 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:163 Resp: 366019

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.2

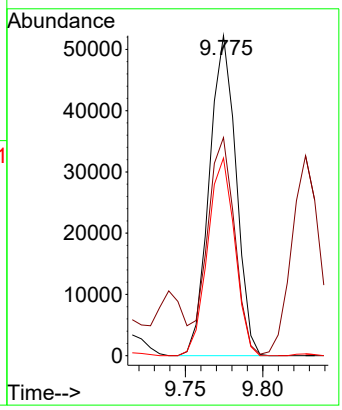




#51
2,6-Dinitrotoluene
Concen: 19.583 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:165 Resp: 6277

Ion	Ratio	Lower	Upper
165	100		
63	68.1	57.4	86.0
89	61.7	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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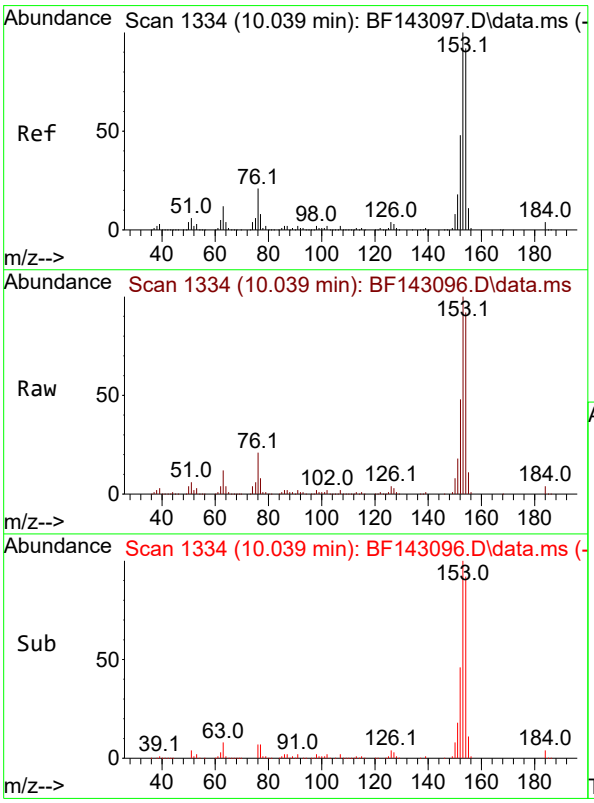
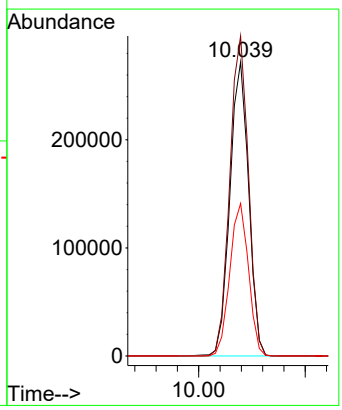
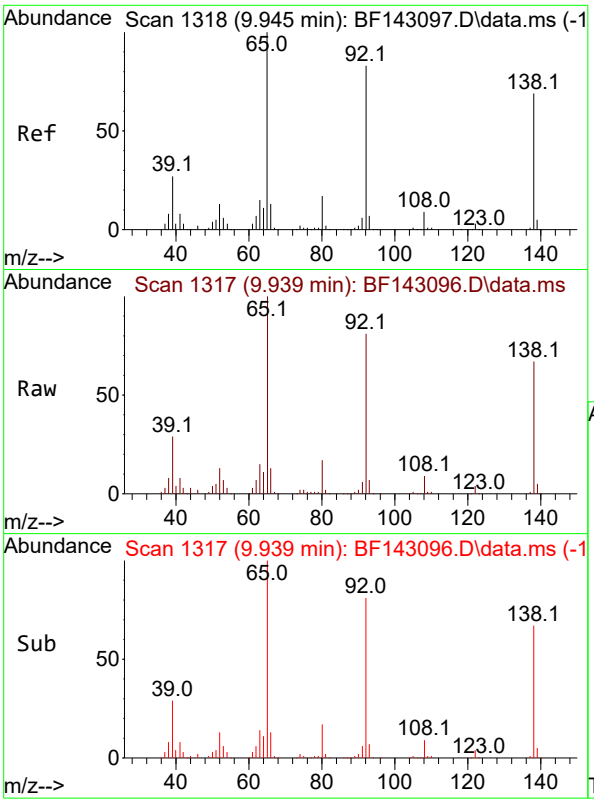


#52
Acenaphthene
Concen: 20.369 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:154 Resp: 332427

Ion	Ratio	Lower	Upper
154	100		
153	108.9	86.7	130.1
152	51.9	41.4	62.2





#53
3-Nitroaniline
Concen: 20.797 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 8009

Ion	Ratio	Lower	Upper
138	100		
108	13.1	10.1	15.1
92	120.9	96.4	144.6

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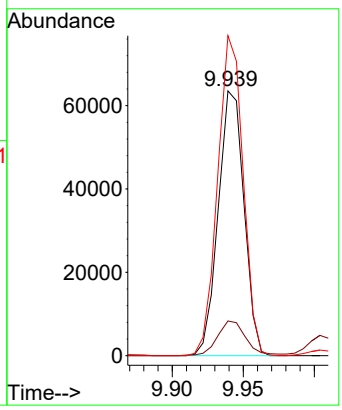
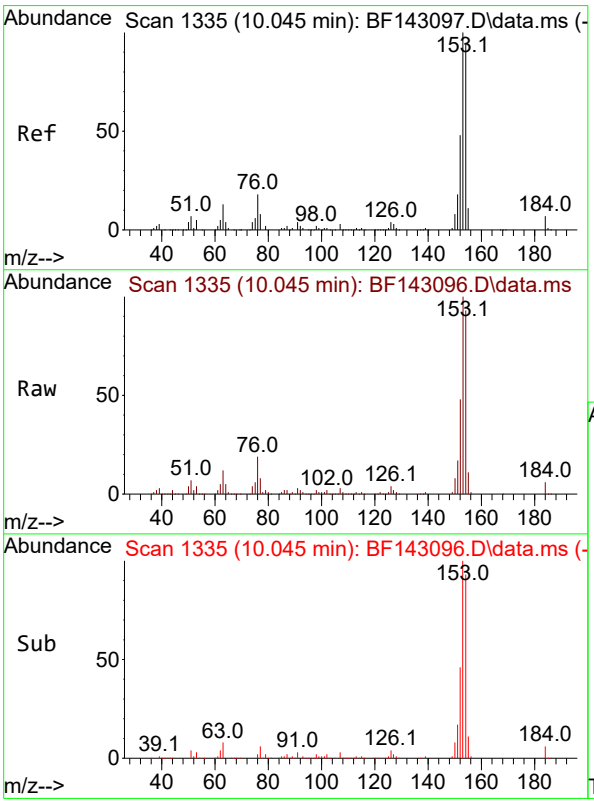
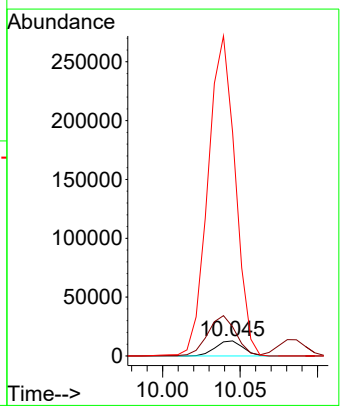


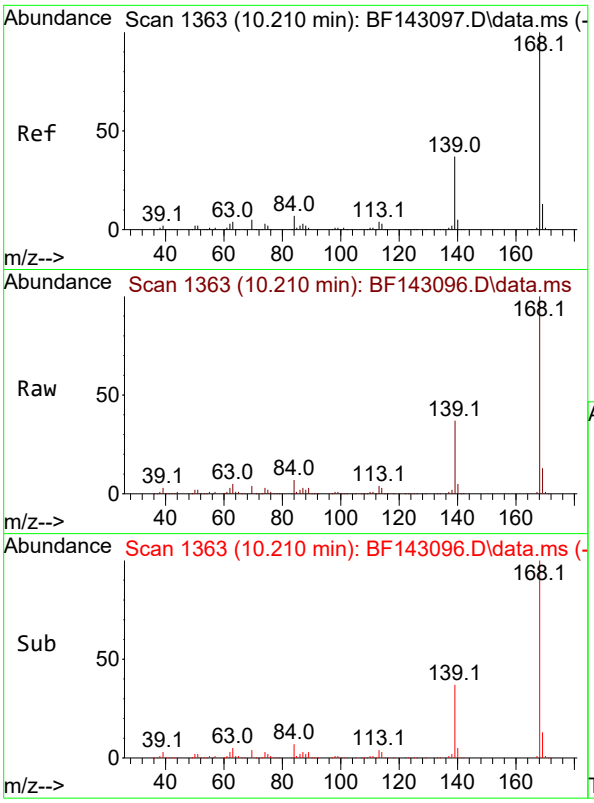


#54
2,4-Dinitrophenol
Concen: 19.749 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:184 Resp: 15826

Ion	Ratio	Lower	Upper
184	100		
63	193.5	149.3	223.9
154	1488.1	1048.0	1572.0

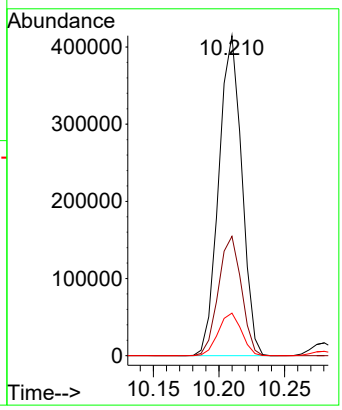




#55
Dibenzofuran
Concen: 20.792 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:168 Resp: 50578

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.6
169	13.3	10.8	16.2



Instrument :
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ClientSampleId :
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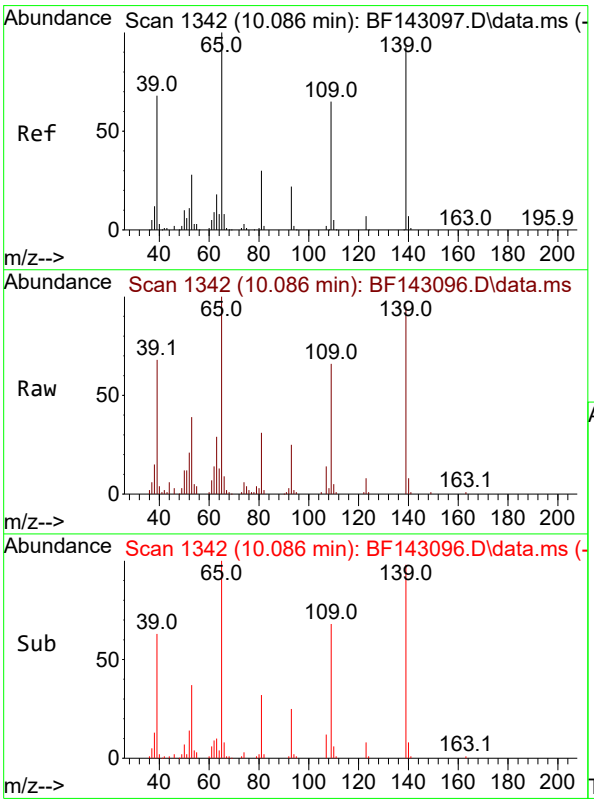
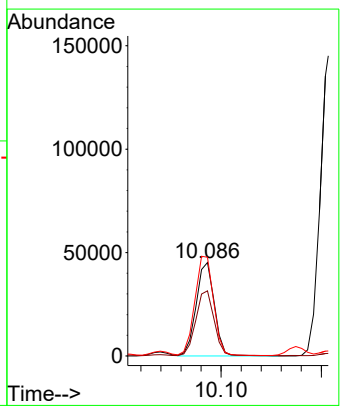
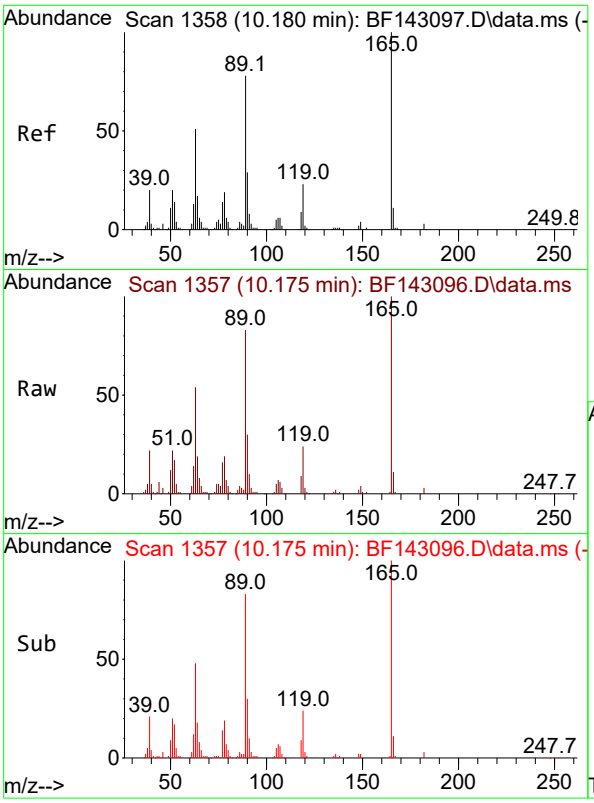


#56
4-Nitrophenol
Concen: 18.647 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:139 Resp: 57072

Ion	Ratio	Lower	Upper
139	100		
109	69.7	49.4	89.4
65	105.6	88.2	128.2

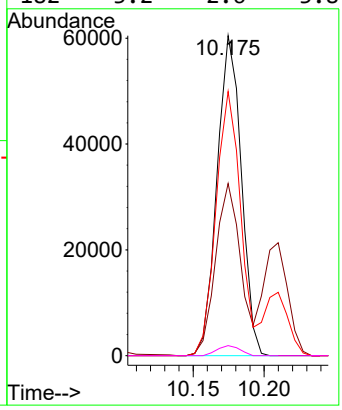




#57
2,4-Dinitrotoluene
Concen: 18.561 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:165 Resp: 7176

Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.6	61.0
89	82.6	62.3	93.5
182	3.2	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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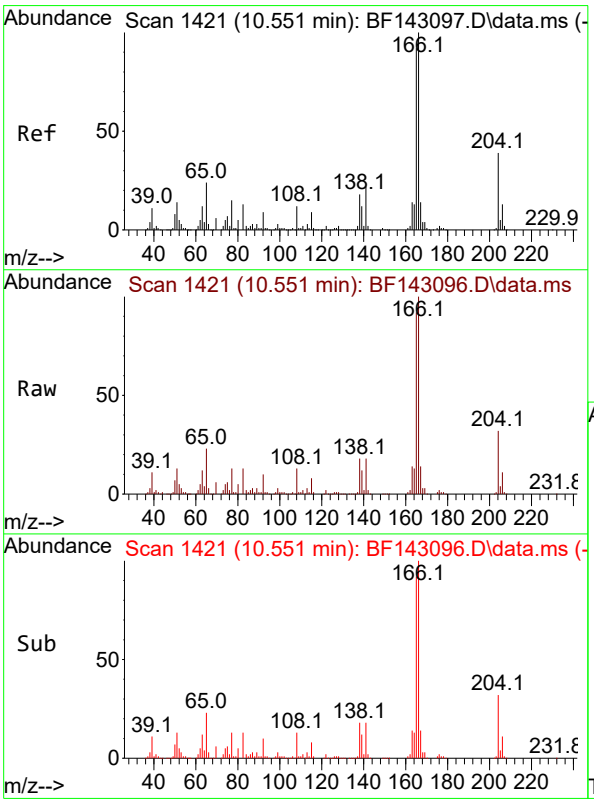
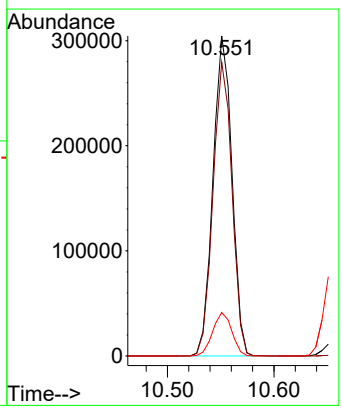
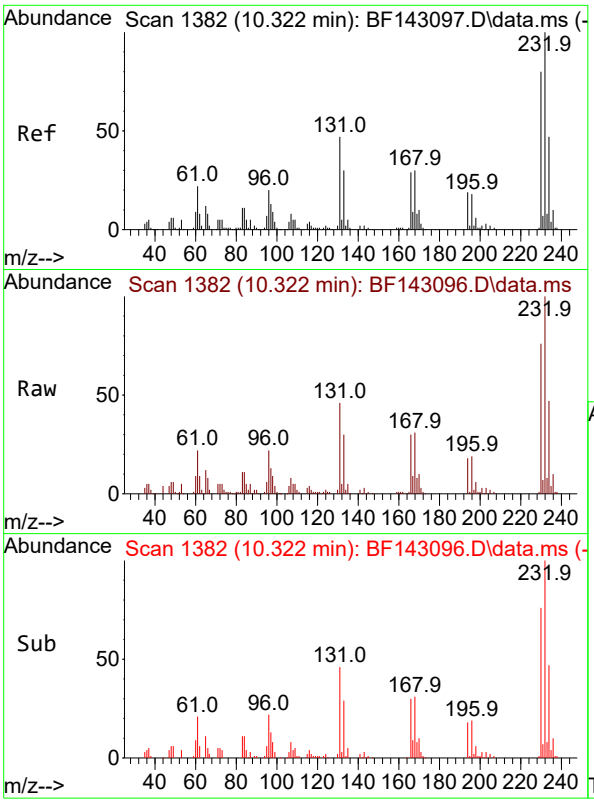


#58
Fluorene
Concen: 20.626 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:166 Resp: 376169

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.7	110.5
167	13.6	10.9	16.3

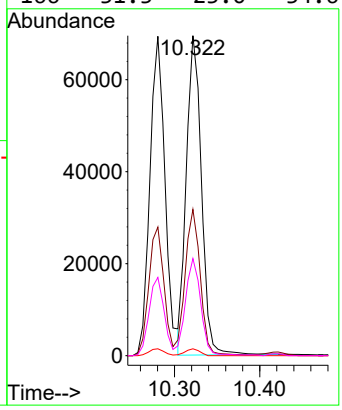




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.030 ng
RT: 10.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:232 Resp: 8562

Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.9	55.3
130	2.1	1.8	2.8
166	31.3	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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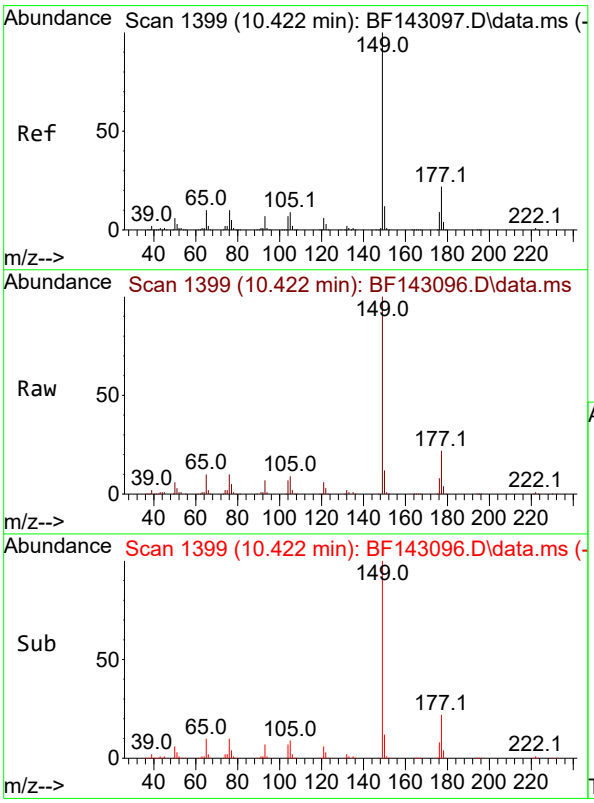
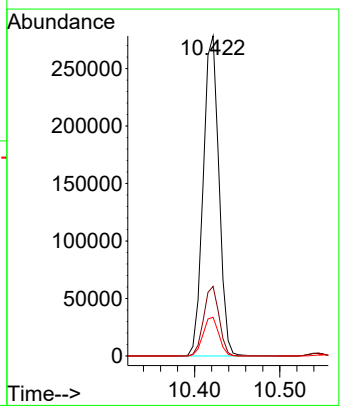
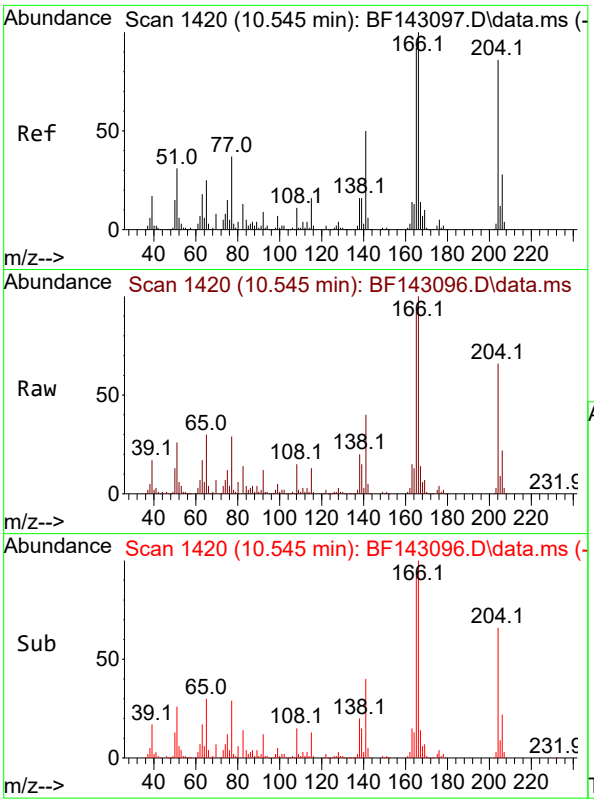


#60
Diethylphthalate
Concen: 20.710 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:149 Resp: 356111

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	12.1	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.436 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:204 Resp: 17864

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	59.8	46.8	70.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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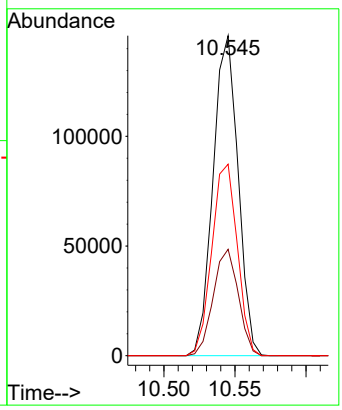
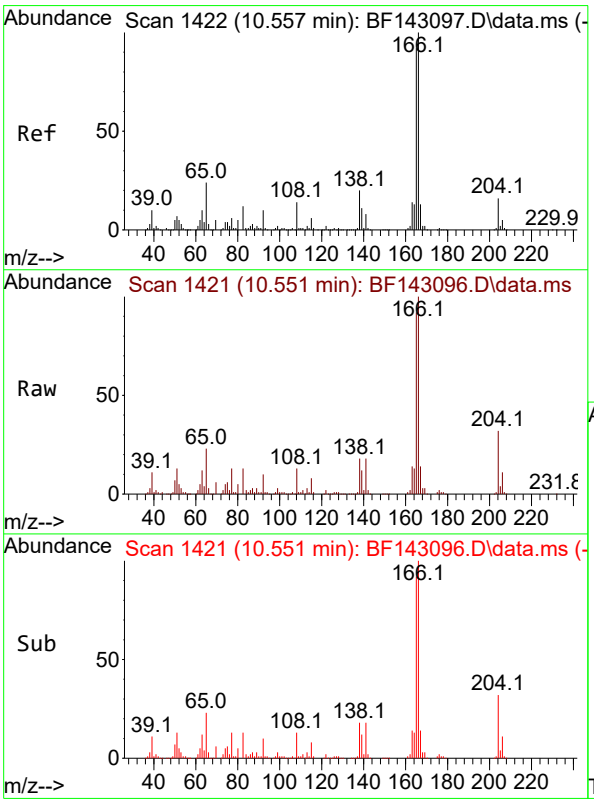
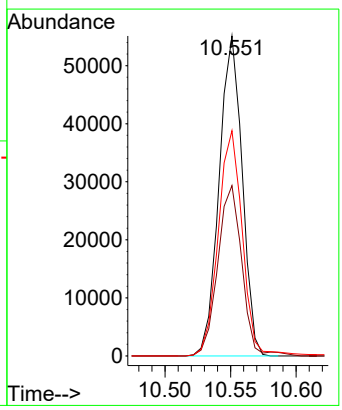


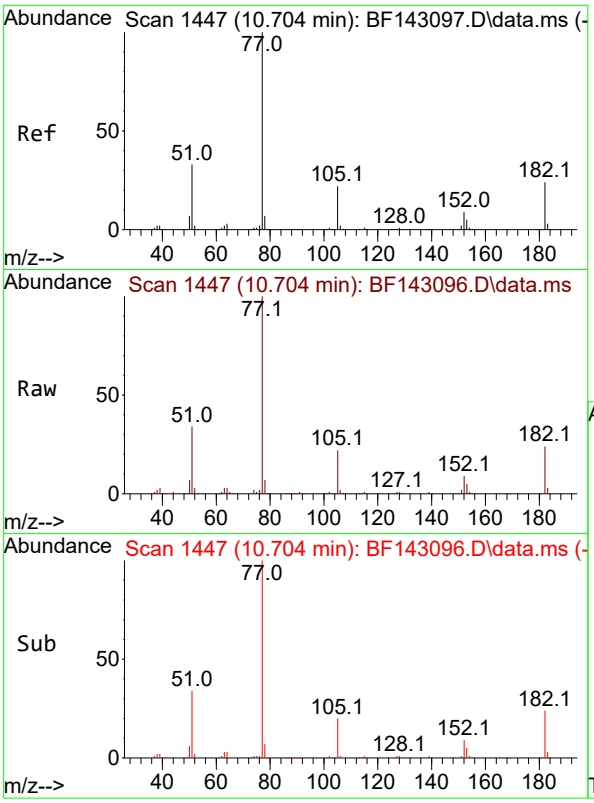


#62
4-Nitroaniline
Concen: 20.084 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:138 Resp: 67264

Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.4	70.4
108	70.4	49.5	89.5

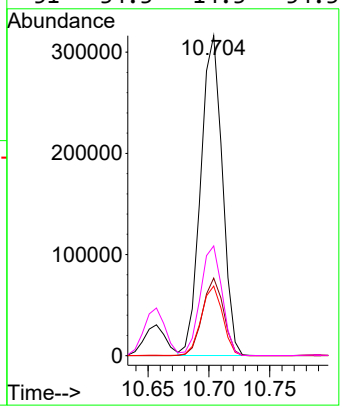




#63
Azobenzene
Concen: 20.478 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion: 77 Resp: 38941

Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.0	44.0
105	21.8	1.4	41.4
51	34.3	14.3	54.3



Instrument :
BNA_F
ClientSampleId :
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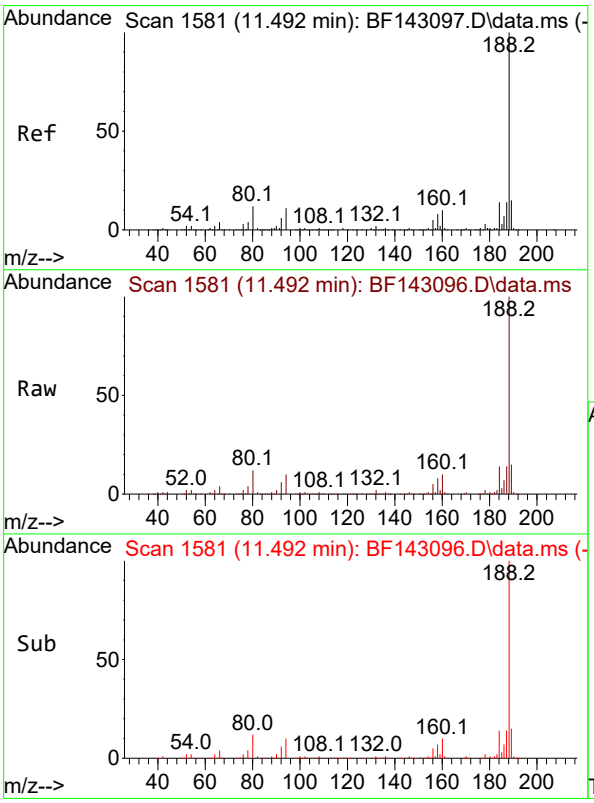
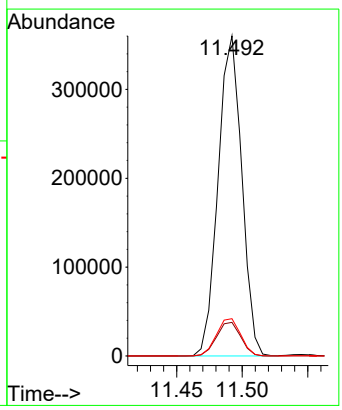
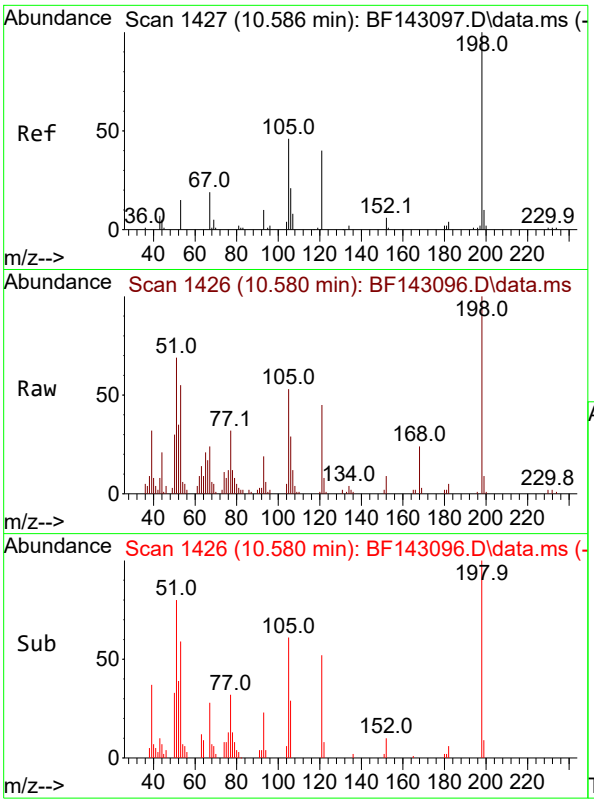


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:188 Resp: 451524

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.6	9.3	13.9





#65
4,6-Dinitro-2-methylphenol
Concen: 19.643 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:198 Resp: 2397

Ion	Ratio	Lower	Upper
198	100		
51	69.3	44.6	84.6
105	52.7	29.3	69.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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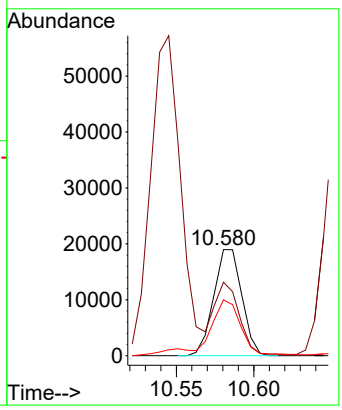
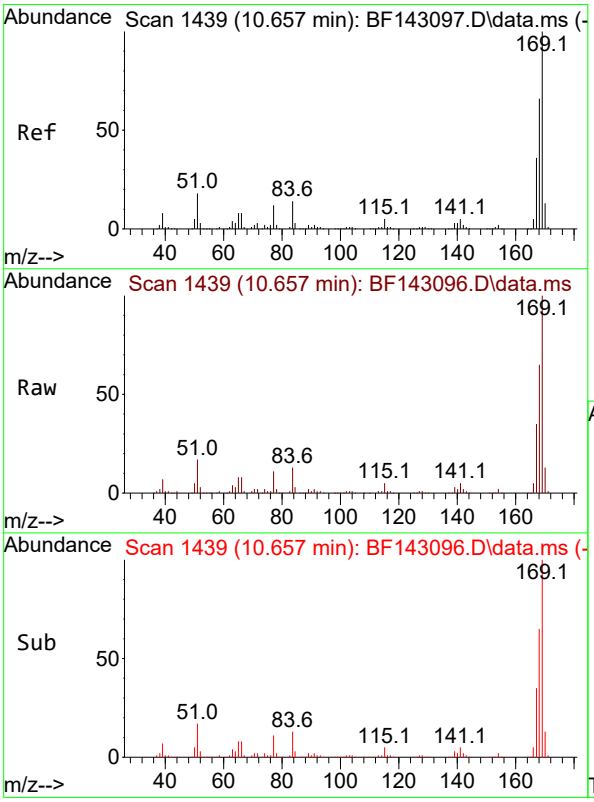
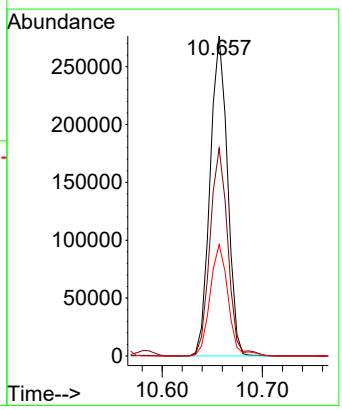


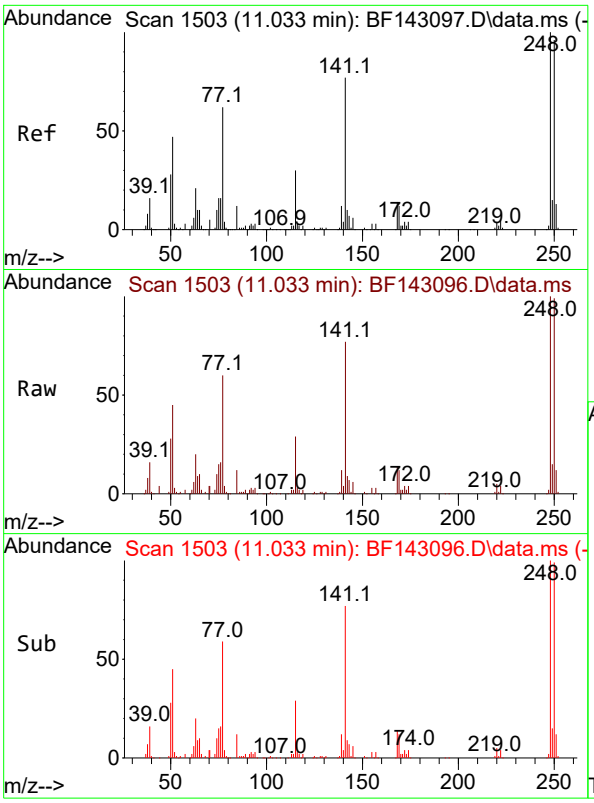


#66
n-Nitrosodiphenylamine
Concen: 20.948 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:169 Resp: 332248

Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.0	79.6
167	34.8	28.4	42.6

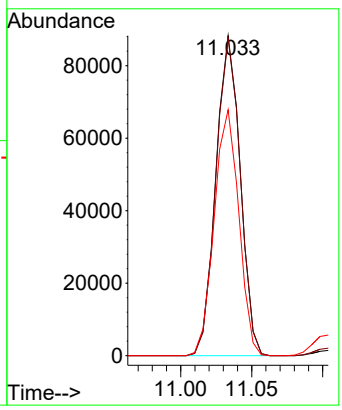




#67
4-Bromophenyl-phenylether
Concen: 20.535 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:248 Resp: 10544

Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.7	115.1
141	76.9	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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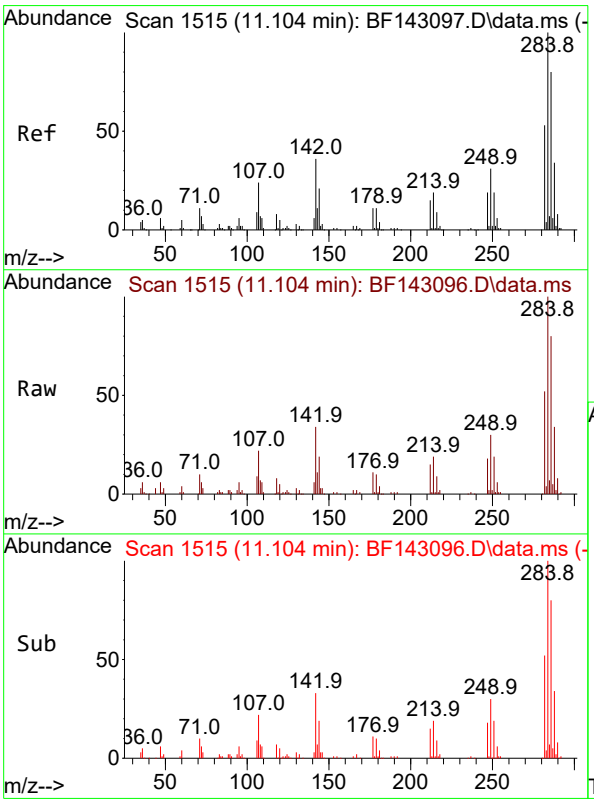
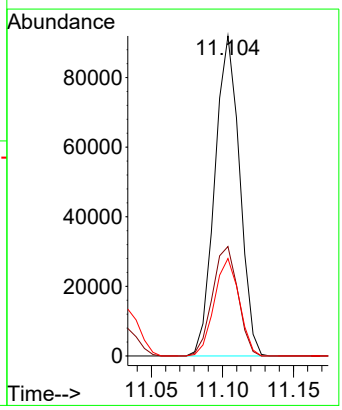
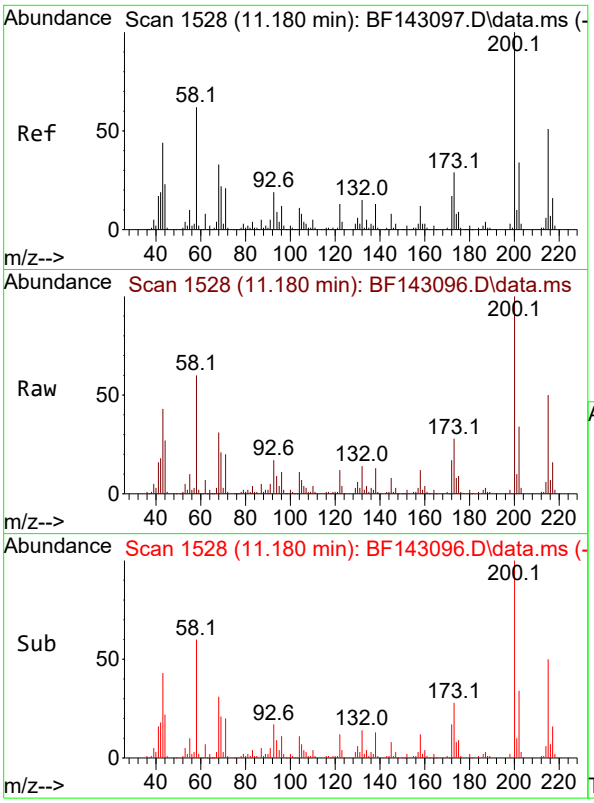


#68
Hexachlorobenzene
Concen: 20.507 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:284 Resp: 111727

Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.9	43.3
249	30.4	24.6	37.0

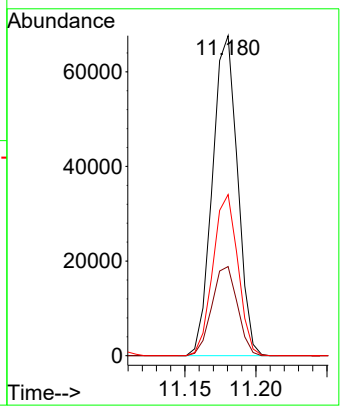




#69
Atrazine
Concen: 20.499 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:200 Resp: 8318

Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.1	49.1
215	50.3	31.0	71.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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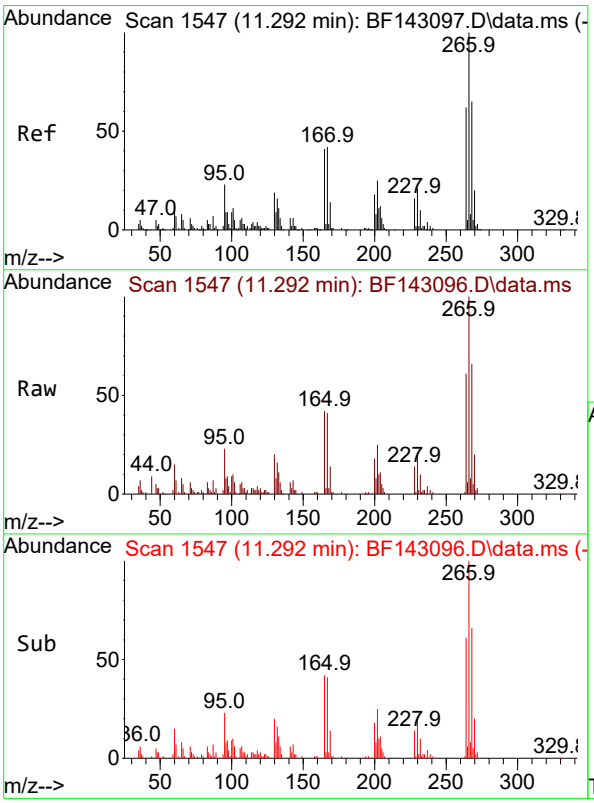
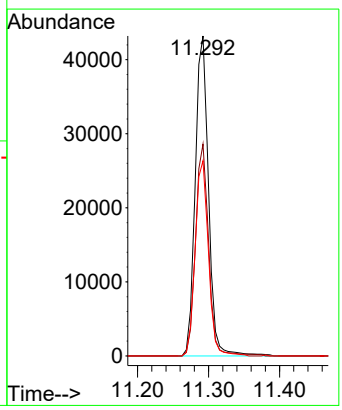
Supervised By :Jagrut Upadhyay 07/16/2025

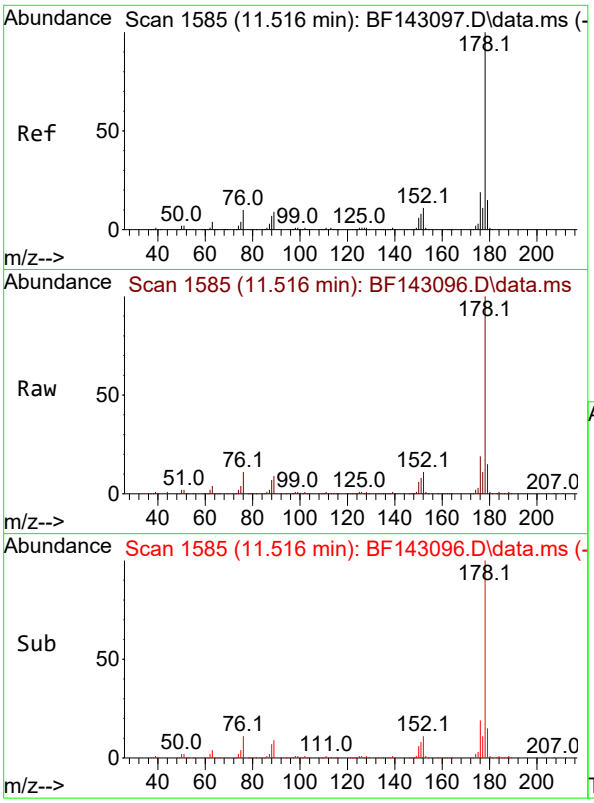


#70
Pentachlorophenol
Concen: 18.862 ng
RT: 11.292 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:266 Resp: 56380

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.8	77.6
264	61.0	49.7	74.5





#71
Phenanthrene
Concen: 20.581 ng
RT: 11.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:178 Resp: 50152

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.1	12.2	18.4

Instrument :
BNA_F
ClientSampleId :
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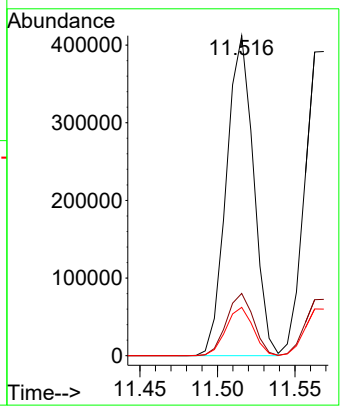
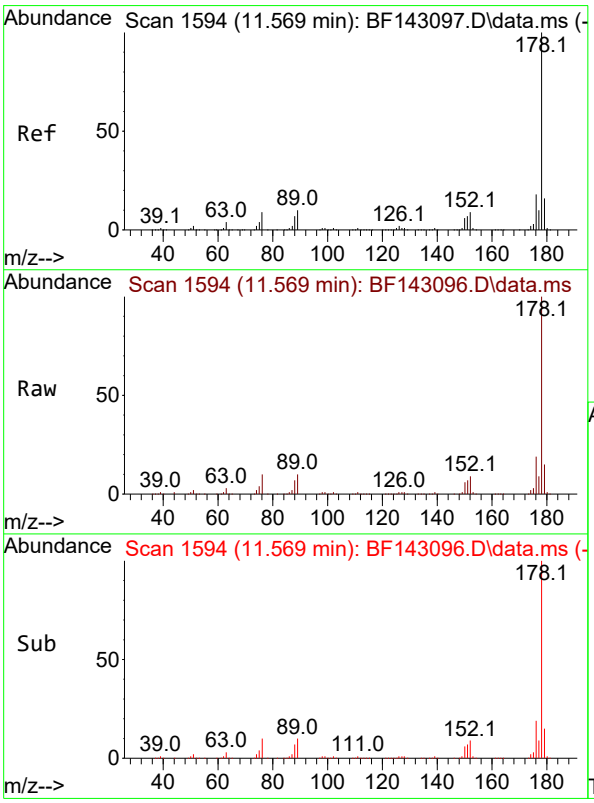
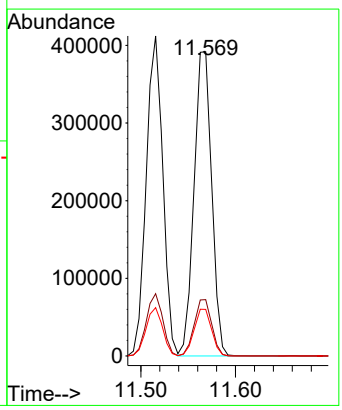


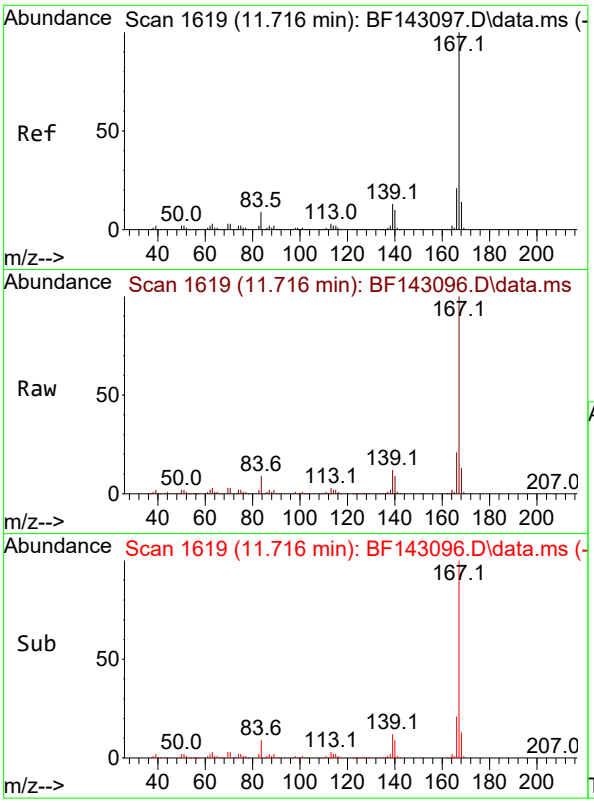


#72
Anthracene
Concen: 20.752 ng
RT: 11.569 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:178 Resp: 508525

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.3	12.4	18.6

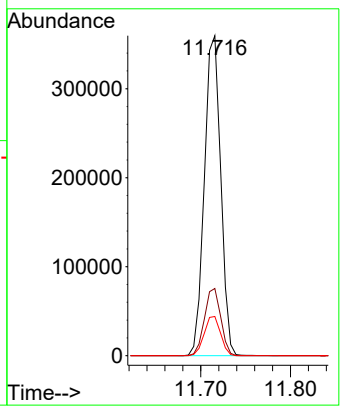




#73
Carbazole
Concen: 20.728 ng
RT: 11.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:167 Resp: 45504

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.3	10.2	15.4



Instrument :
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ClientSampleId :
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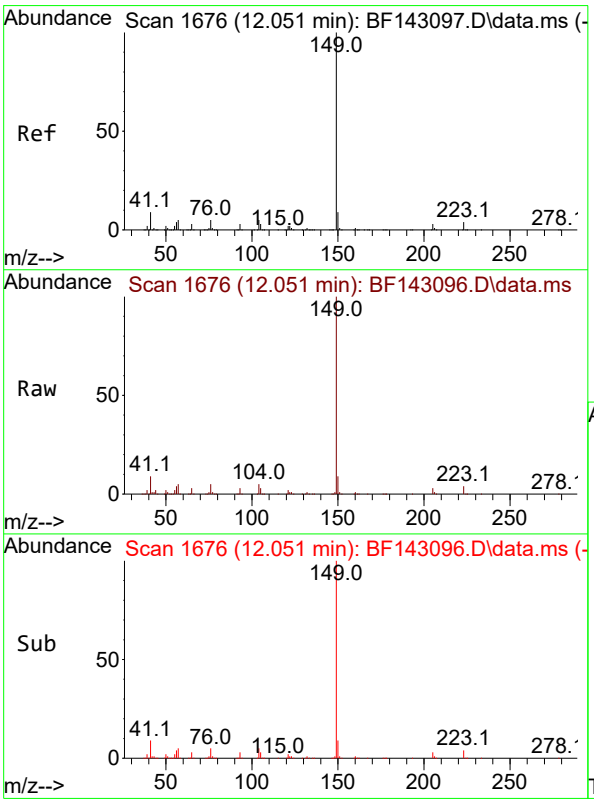
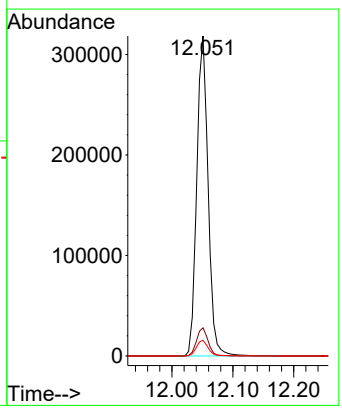
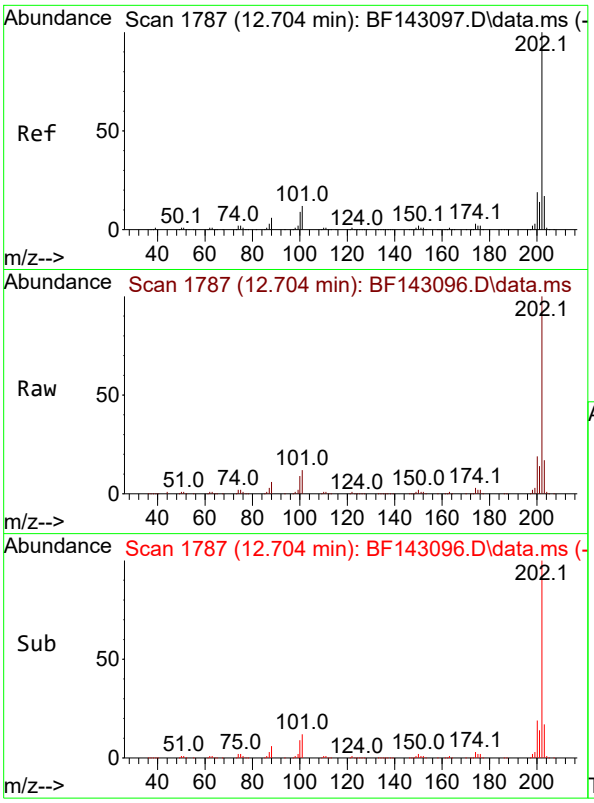


#74
Di-n-butylphthalate
Concen: 20.456 ng
RT: 12.051 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:149 Resp: 412206

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	4.9	3.8	5.8

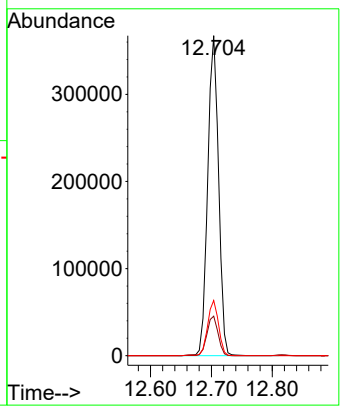




#75
Fluoranthene
Concen: 20.556 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:202 Resp: 45545

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	17.2	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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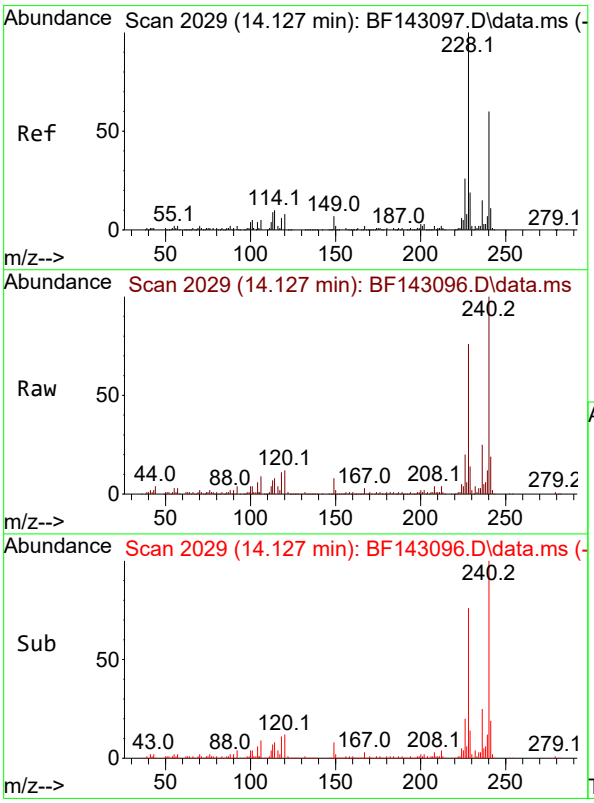
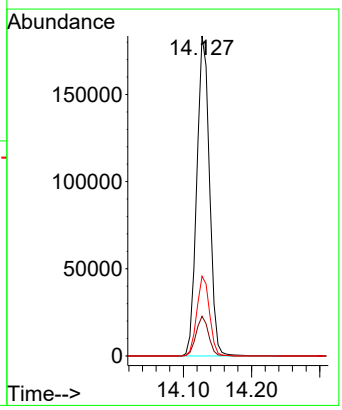
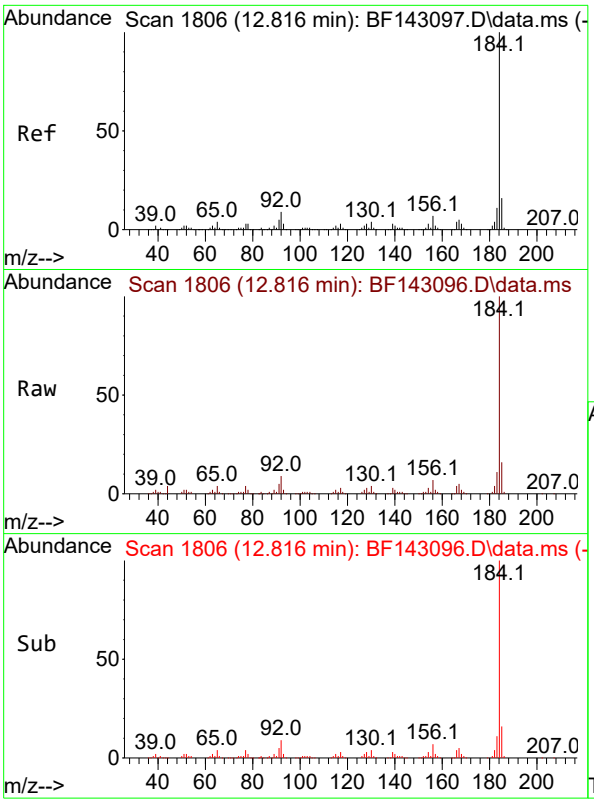


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:240 Resp: 236667

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	24.9	20.0	30.0

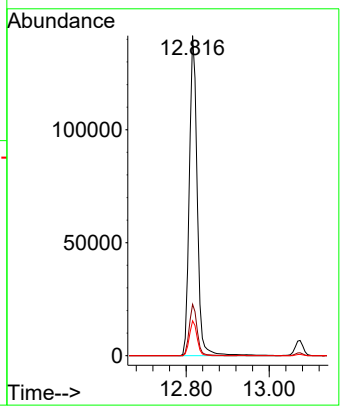




#77
Benzidine
Concen: 23.083 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:184 Resp: 18611

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.4	18.6
183	10.9	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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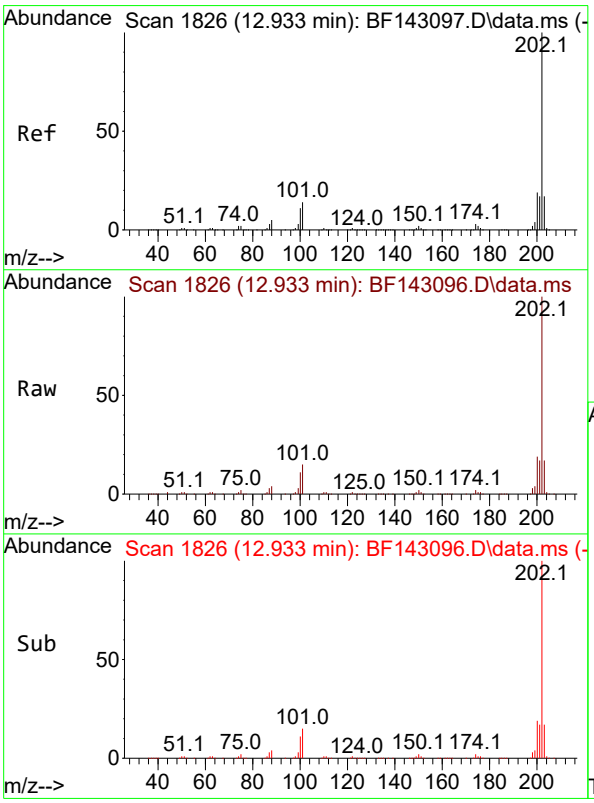
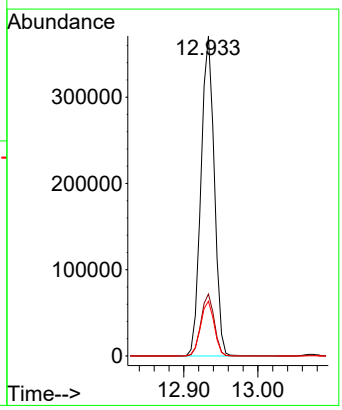
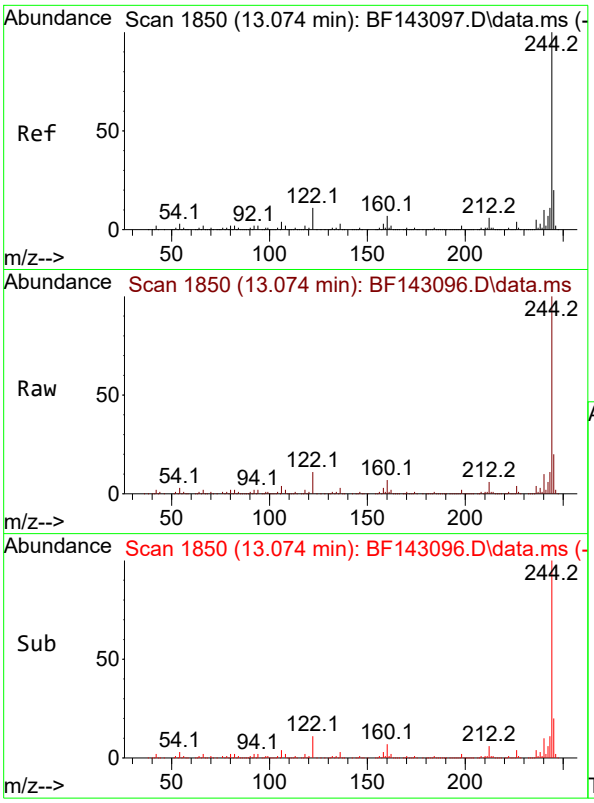


#78
Pyrene
Concen: 21.072 ng
RT: 12.933 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:202 Resp: 462715

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.1	14.0	21.0

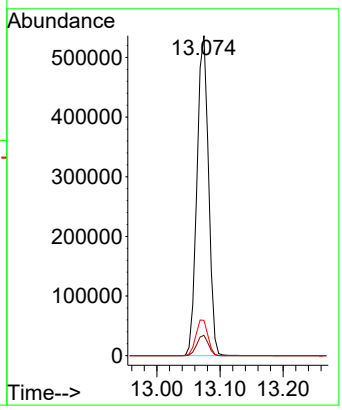




#79
Terphenyl-d14
Concen: 42.012 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:244 Resp: 68017

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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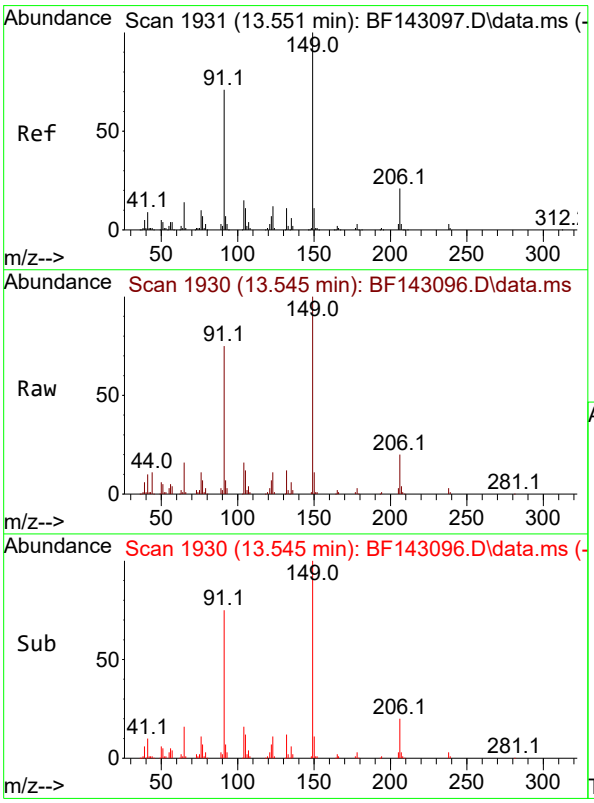
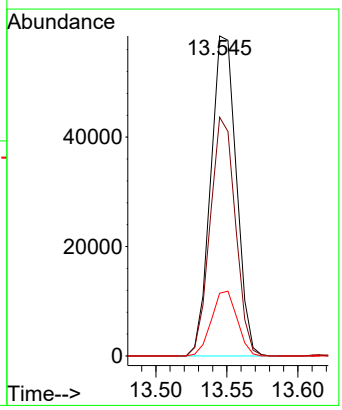
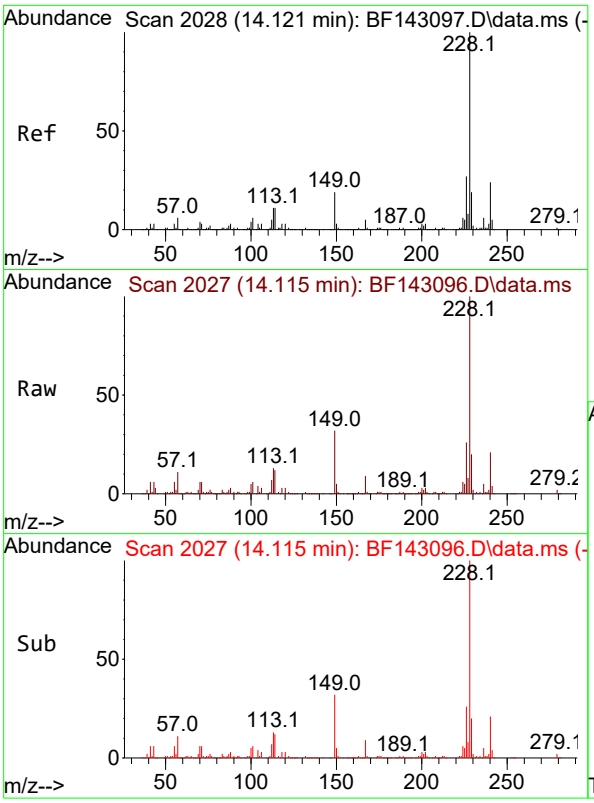


#80
Butylbenzylphthalate
Concen: 18.875 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:149 Resp: 73439

Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.0	85.4
206	19.6	17.2	25.8

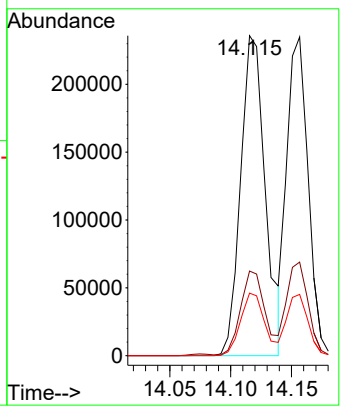




#81
Benzo(a)anthracene
Concen: 21.102 ng
RT: 14.115 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:228 Resp: 33279

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.6	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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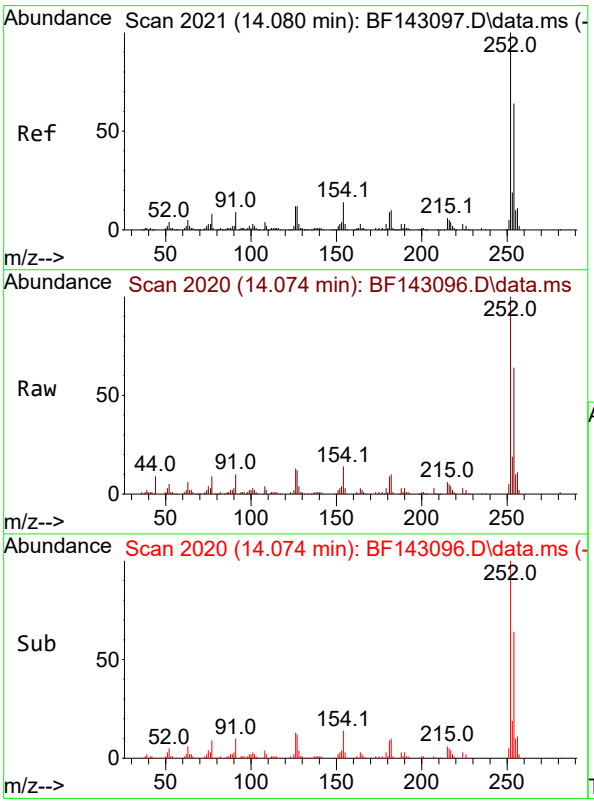
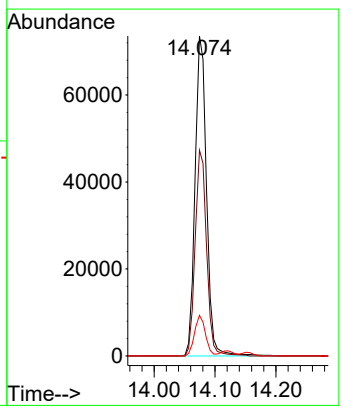
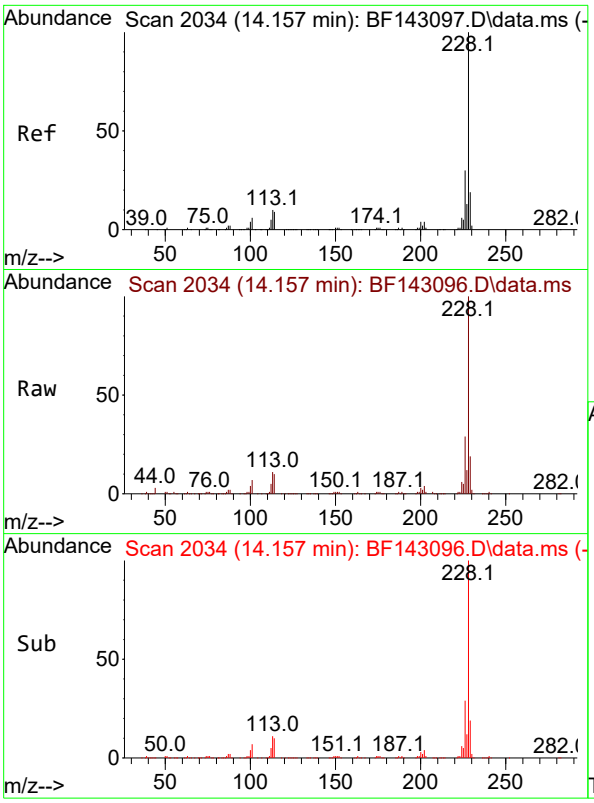


#82
3,3'-Dichlorobenzidine
Concen: 21.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:252 Resp: 96174

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	12.7	9.4	14.0





#83
Chrysene
Concen: 19.732 ng
RT: 14.157 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:228 Resp: 28661(

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.2	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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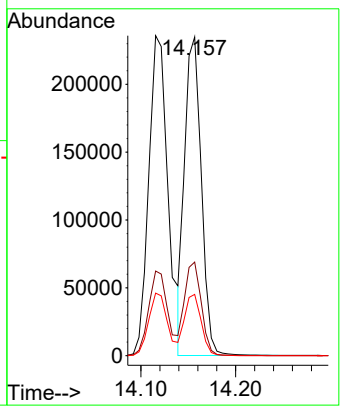
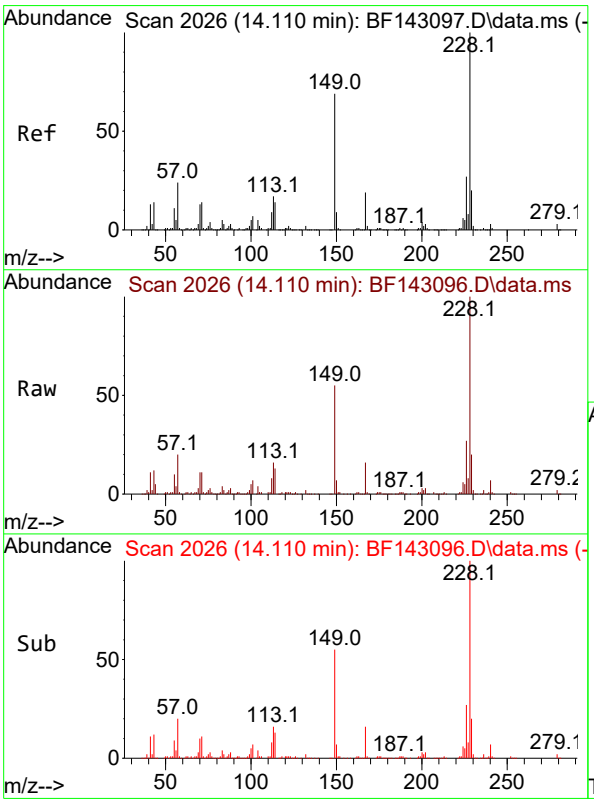
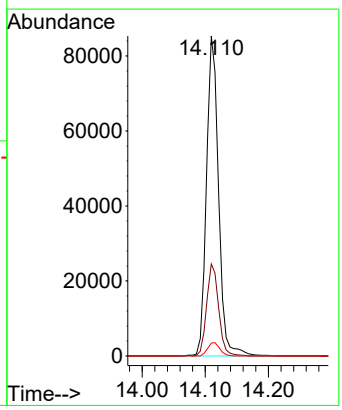


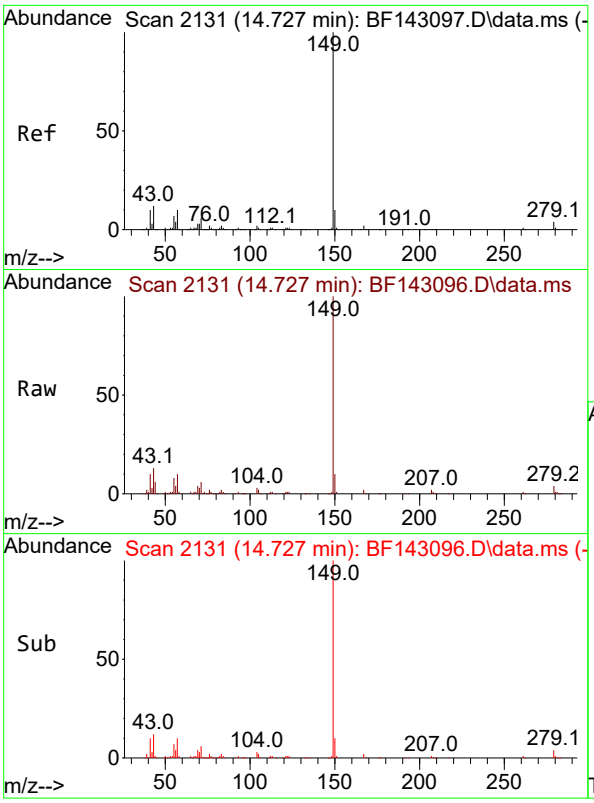


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.236 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:149 Resp: 113349

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.9	32.9
279	4.0	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 19.817 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:149 Resp: 19200

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.7	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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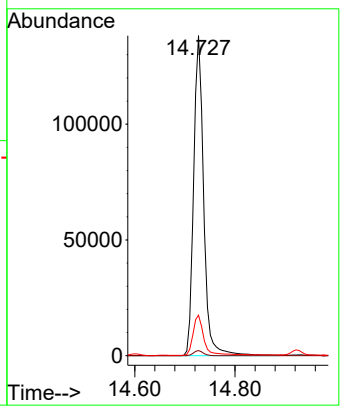
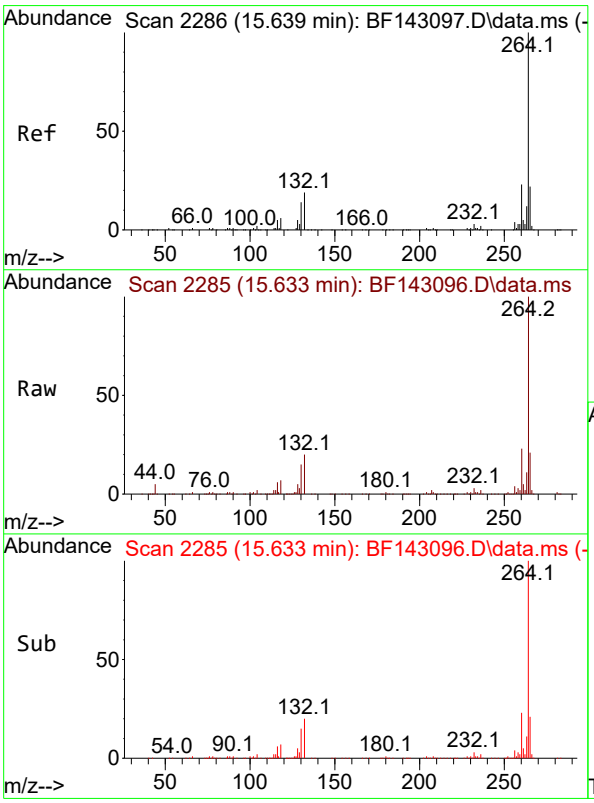
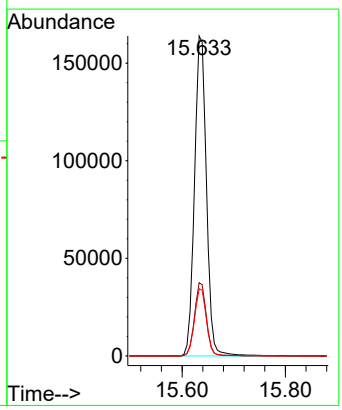


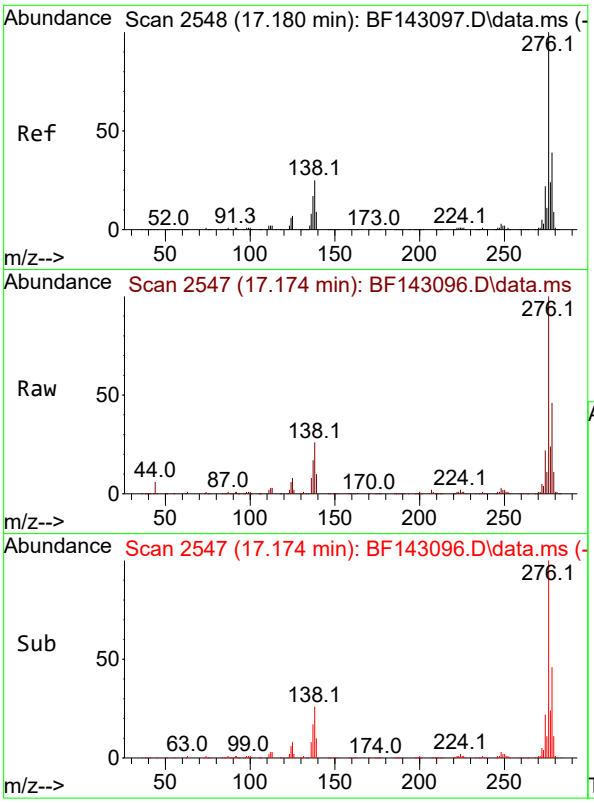


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:264 Resp: 262419

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.0	17.5	26.3

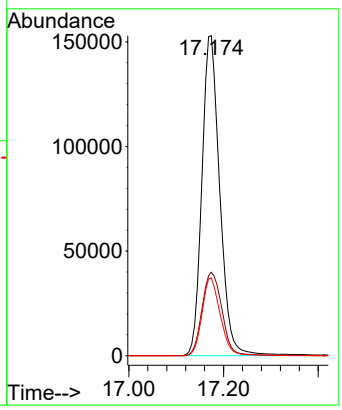




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.516 ng
RT: 17.174 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:276 Resp: 40042

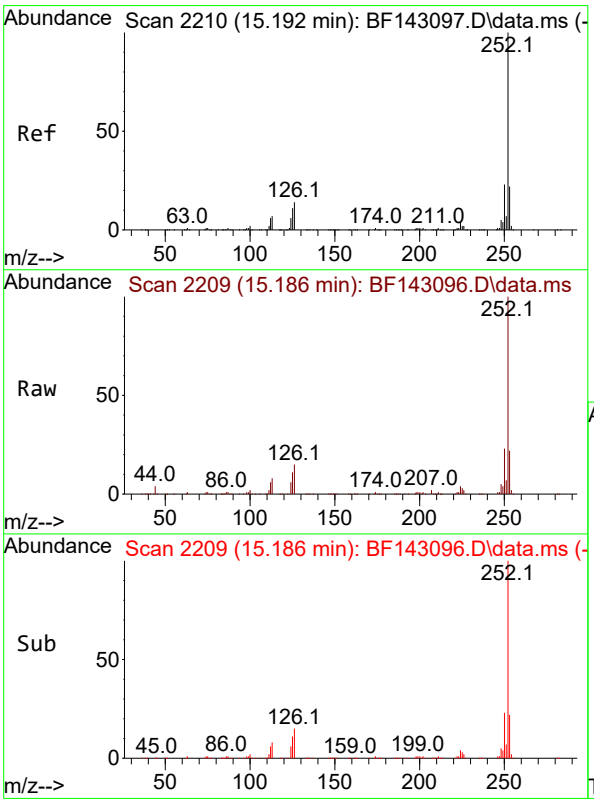
Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.6	34.0
277	24.8	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

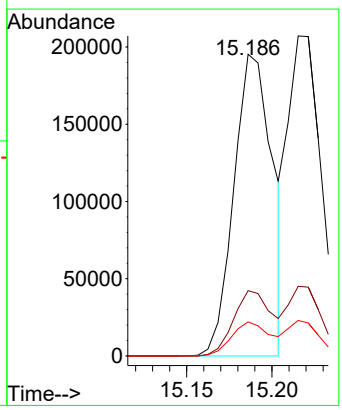
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

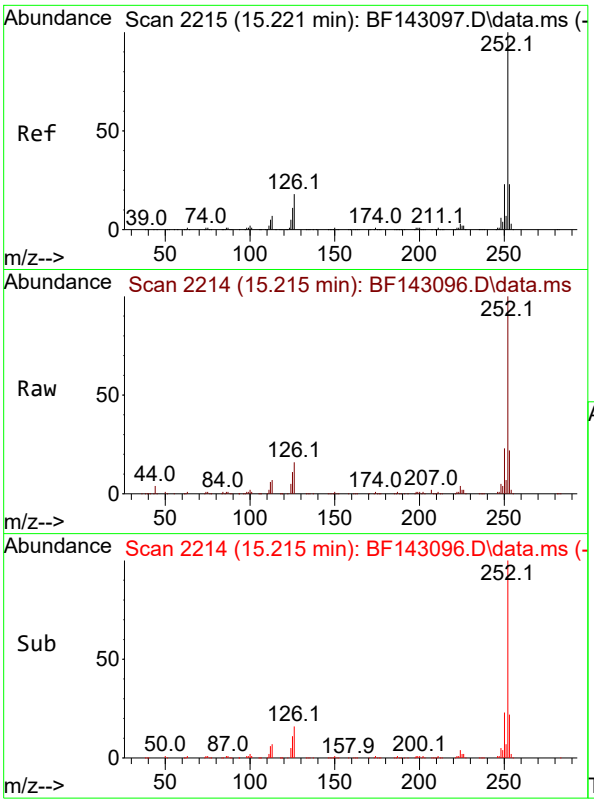


#88
Benzo(b)fluoranthene
Concen: 20.302 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:252 Resp: 307312

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.3	8.6	13.0

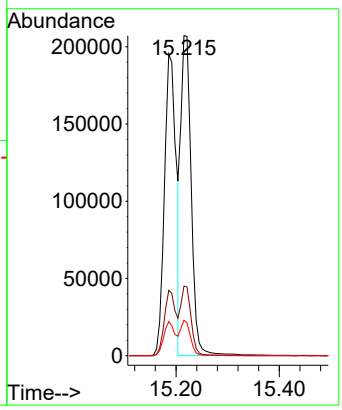




#89
Benzo(k)fluoranthene
Concen: 20.194 ng
RT: 15.215 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:252 Resp: 29161

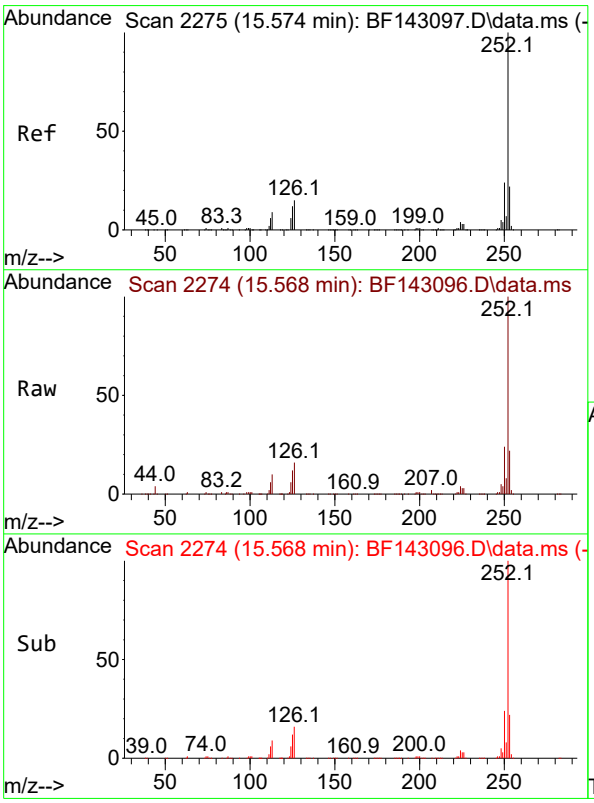
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.1	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

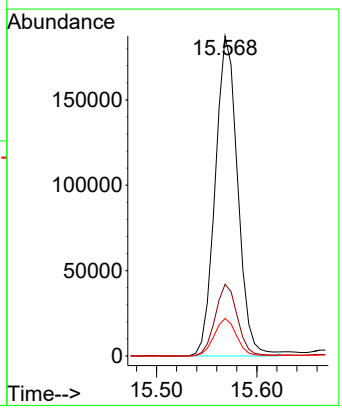
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

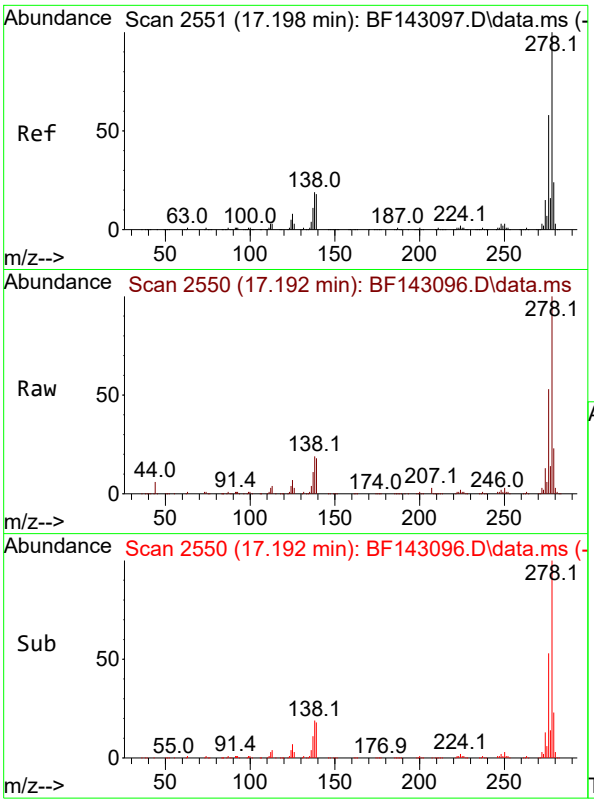


#90
Benzo(a)pyrene
Concen: 20.313 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:252 Resp: 290809

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.7	9.4	14.0

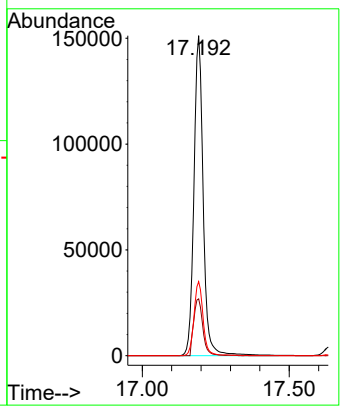




#91
Dibenzo(a,h)anthracene
Concen: 20.818 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:278 Resp: 33215

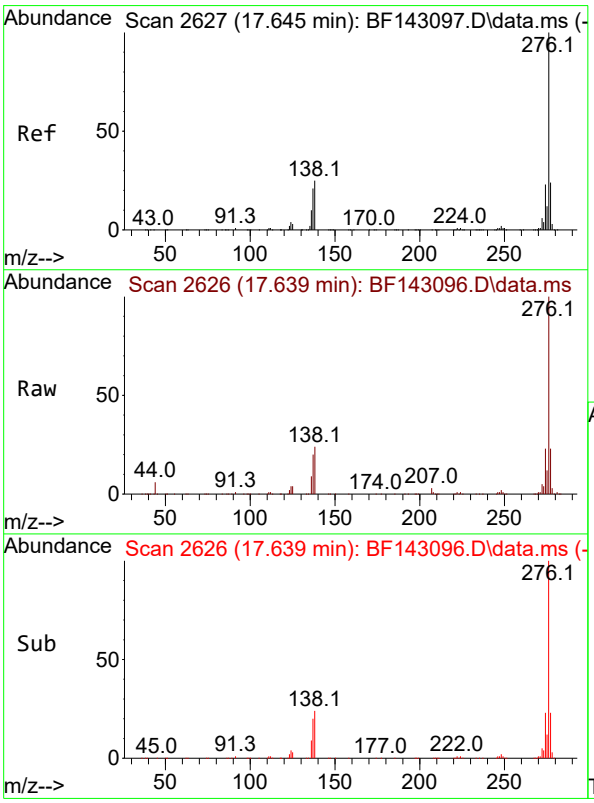
Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.6	22.0
279	23.1	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

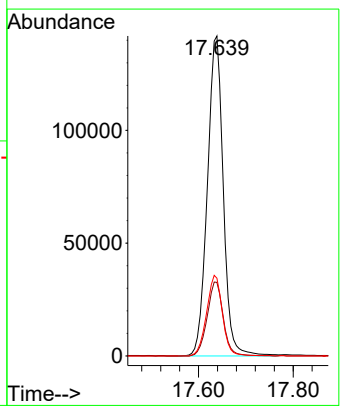
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 20.376 ng
RT: 17.639 min Scan# 2626
Delta R.T. -0.006 min
Lab File: BF143096.D
Acq: 15 Jul 2025 14:36

Tgt Ion:276 Resp: 331447

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	24.3	19.8	29.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143097.D
Acq On : 15 Jul 2025 15:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:40:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	123440	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	466428	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	227730	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	369241	20.000	ng	0.00
76) Chrysene-d12	14.127	240	192349	20.000	ng	0.00
86) Perylene-d12	15.639	264	226517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	619840	79.335	ng	0.00
7) Phenol-d6	6.587	99	772641	78.673	ng	0.00
23) Nitrobenzene-d5	7.528	82	694498m	83.526	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	170969	84.198	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1326482	77.428	ng	0.00
79) Terphenyl-d14	13.074	244	1033540	78.547	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	154739	39.787	ng	100
3) Pyridine	3.581	79	393514	39.957	ng	100
4) n-Nitrosodimethylamine	3.522	42	201552	39.500	ng	100
6) Aniline	6.628	93	544405	39.365	ng	100
8) 2-Chlorophenol	6.751	128	314192	40.025	ng	100
9) Benzaldehyde	6.516	77	358216	47.869	ng	100
10) Phenol	6.598	94	421819m	39.676	ng	
11) bis(2-Chloroethyl)ether	6.698	93	323129	39.260	ng	100
12) 1,3-Dichlorobenzene	6.910	146	349154	39.371	ng	100
13) 1,4-Dichlorobenzene	6.987	146	348706	39.084	ng	100
14) 1,2-Dichlorobenzene	7.140	146	336818	39.587	ng	100
15) Benzyl Alcohol	7.098	79	288056	39.585	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	593735	39.134	ng	100
17) 2-Methylphenol	7.204	107	267472	39.484	ng	100
18) Hexachloroethane	7.487	117	116640	40.159	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	237958	39.549	ng	100
20) 3+4-Methylphenols	7.363	107	334719	40.291	ng	100
22) Acetophenone	7.375	105	437447	38.906	ng	100
24) Nitrobenzene	7.545	77	332013	41.364	ng	100
25) Isophorone	7.787	82	632327	39.346	ng	100
26) 2-Nitrophenol	7.863	139	112314	36.079	ng	100
27) 2,4-Dimethylphenol	7.892	122	298241	39.984	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	381576	39.155	ng	100
29) 2,4-Dichlorophenol	8.098	162	248676	40.752	ng	100
30) 1,2,4-Trichlorobenzene	8.192	180	274944	39.701	ng	100
31) Naphthalene	8.275	128	900967	38.898	ng	100
32) Benzoic acid	7.987	122	133968m	37.684	ng	
33) 4-Chloroaniline	8.310	127	371249	39.858	ng	100
34) Hexachlorobutadiene	8.392	225	165576	39.978	ng	100
35) Caprolactam	8.669	113	77472	40.657	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	272885	40.145	ng	100
37) 2-Methylnaphthalene	8.963	142	540844	39.141	ng	100
38) 1-Methylnaphthalene	9.063	142	562696	39.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	263160	39.653	ng	100
41) Hexachlorocyclopentadiene	9.122	237	147221	40.011	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	171419	41.569	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143097.D
Acq On : 15 Jul 2025 15:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:40:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	179101	41.422	ng	100
46) 1,1'-Biphenyl	9.428	154	713513	39.288	ng	100
47) 2-Chloronaphthalene	9.451	162	527800	39.561	ng	100
48) 2-Nitroaniline	9.533	65	149322	38.182	ng	100
49) Acenaphthylene	9.869	152	892054	40.126	ng	100
50) Dimethylphthalate	9.722	163	572658	39.971	ng	100
51) 2,6-Dinitrotoluene	9.775	165	106468	38.213	ng	100
52) Acenaphthene	10.039	154	513370	39.131	ng	100
53) 3-Nitroaniline	9.945	138	130953	42.301	ng	100
54) 2,4-Dinitrophenol	10.045	184	31236	37.582	ng	100
55) Dibenzofuran	10.210	168	772862	39.524	ng	100
56) 4-Nitrophenol	10.086	139	101948	41.436	ng	100
57) 2,4-Dinitrotoluene	10.180	165	134243	38.682	ng	100
58) Fluorene	10.551	166	567511	38.710	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	142027	41.334	ng	100
60) Diethylphthalate	10.422	149	557712	40.349	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	279817	39.822	ng	100
62) 4-Nitroaniline	10.557	138	113355	42.106	ng	100
63) Azobenzene	10.704	77	604710	39.558	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	47349	37.223	ng	100
66) n-Nitrosodiphenylamine	10.657	169	503590	38.827	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	164133	39.088	ng	100
68) Hexachlorobenzene	11.104	284	173911	39.034	ng	100
69) Atrazine	11.180	200	133416	40.206	ng	100
70) Pentachlorophenol	11.292	266	97625	39.938	ng	100
71) Phenanthrene	11.516	178	769372	38.609	ng	100
72) Anthracene	11.569	178	780754	38.961	ng	100
73) Carbazole	11.716	167	692468	38.572	ng	100
74) Di-n-butylphthalate	12.051	149	680394	41.288	ng	100
75) Fluoranthene	12.704	202	708736	39.115	ng	100
77) Benzidine	12.816	184	321029	48.989	ng	100
78) Pyrene	12.933	202	708631	39.706	ng	100
80) Butylbenzylphthalate	13.551	149	132061	37.625	ng	100
81) Benzo(a)anthracene	14.121	228	518137	40.424	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	148294	39.841	ng	100
83) Chrysene	14.157	228	461979	39.134	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	198176	37.454	ng	100
85) Di-n-octyl phthalate	14.727	149	354747	36.531	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	689277	40.912	ng	100
88) Benzo(b)fluoranthene	15.192	252	490240	37.520	ng	100
89) Benzo(k)fluoranthene	15.221	252	520058	41.721	ng	100
90) Benzo(a)pyrene	15.574	252	509307	41.215	ng	100
91) Dibenzo(a,h)anthracene	17.198	278	561661	40.782	ng	100
92) Benzo(g,h,i)perylene	17.645	276	569850	40.584	ng	100

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

ICAL Form

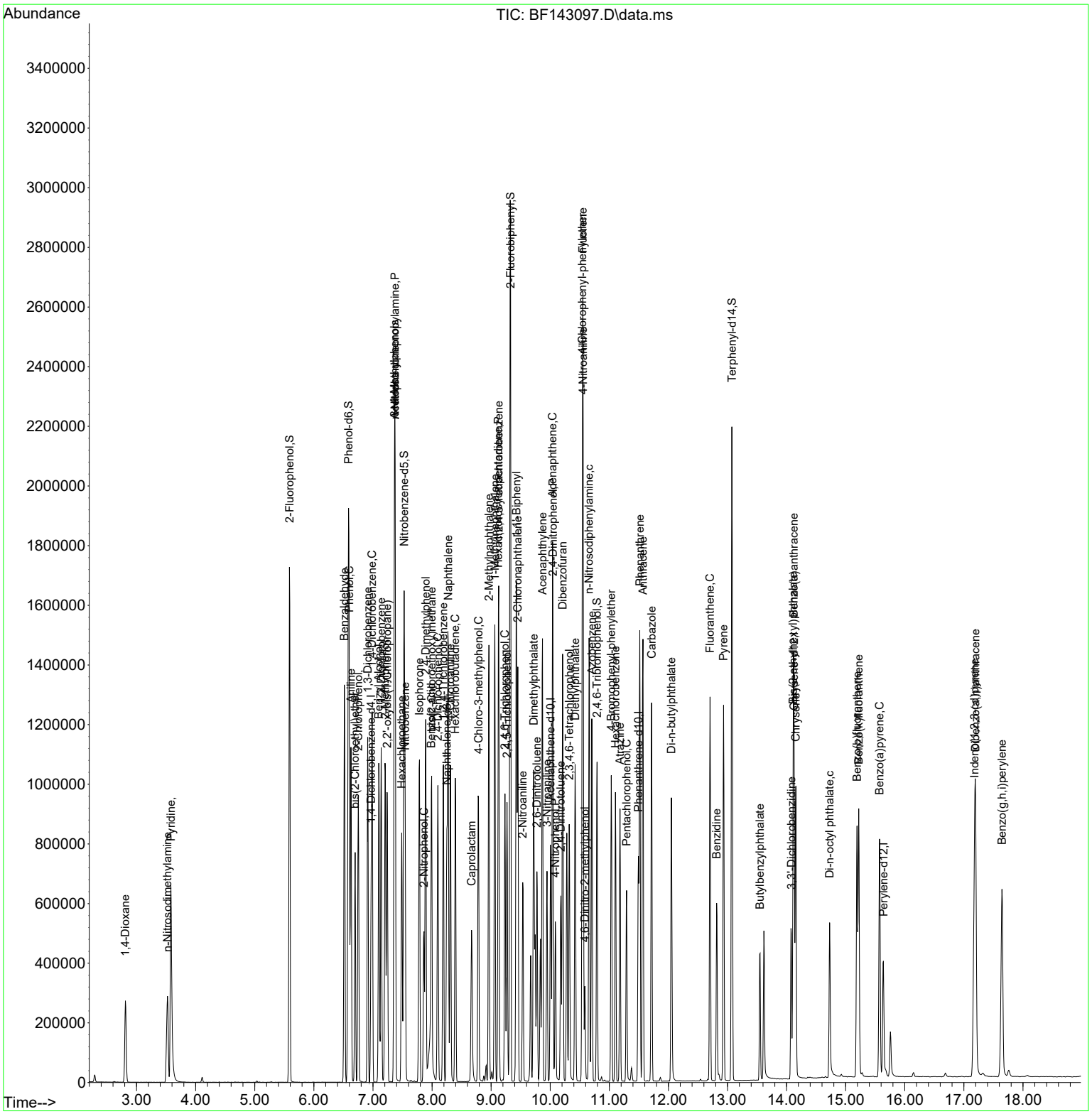
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143097.D
Acq On : 15 Jul 2025 15:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

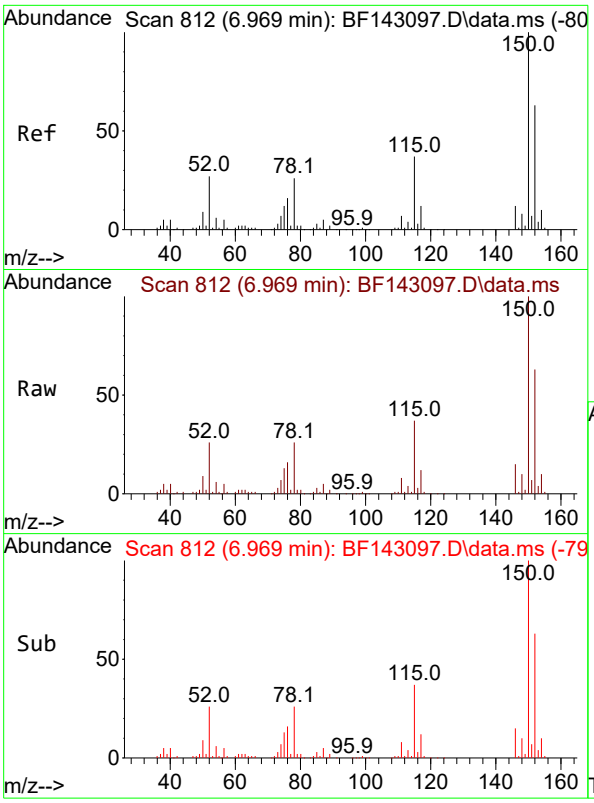
Quant Time: Jul 15 17:40:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

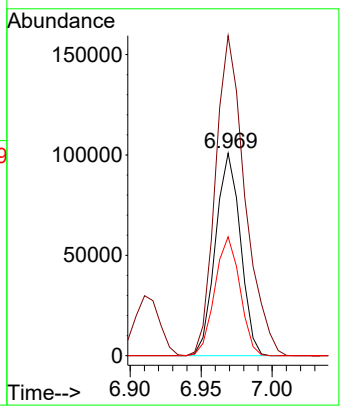




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:152 Resp: 12344

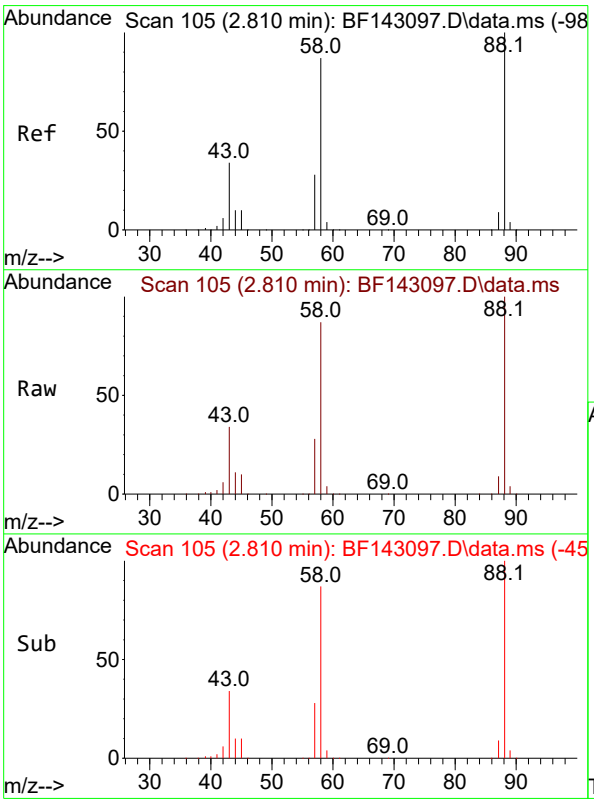
Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.5	189.7
115	58.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

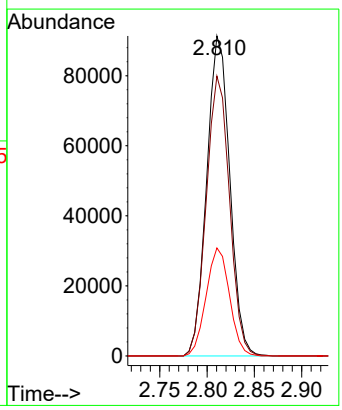
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

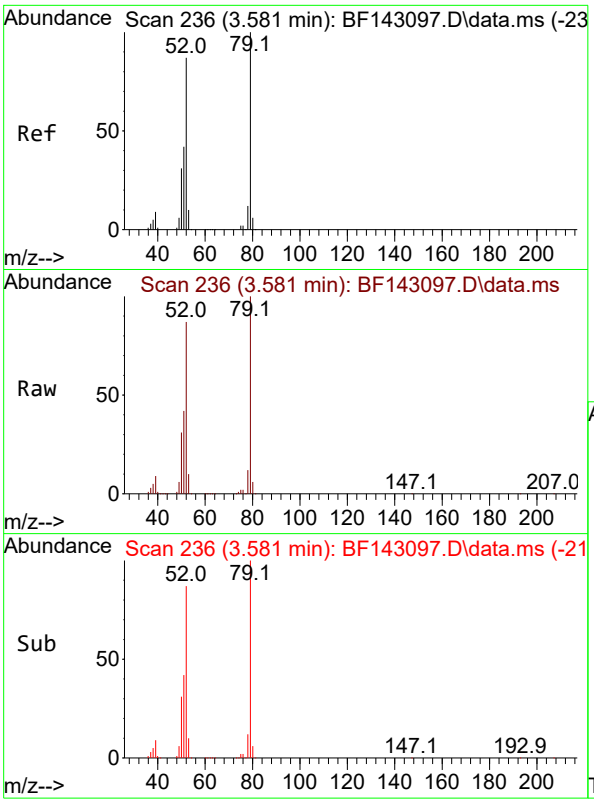


#2
1,4-Dioxane
Concen: 39.787 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 88 Resp: 154739

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.5	105.7
43	34.1	27.3	40.9





#3
Pyridine
Concen: 39.957 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

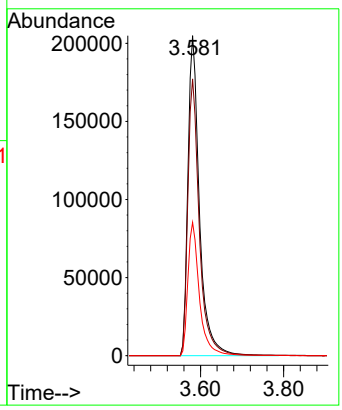
Tgt Ion: 79 Resp: 39351

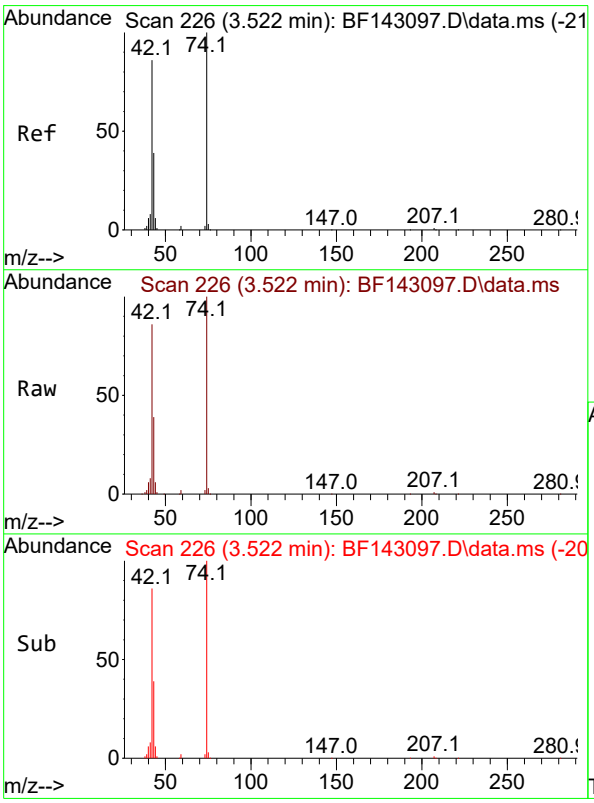
Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.2	103.8
51	41.6	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

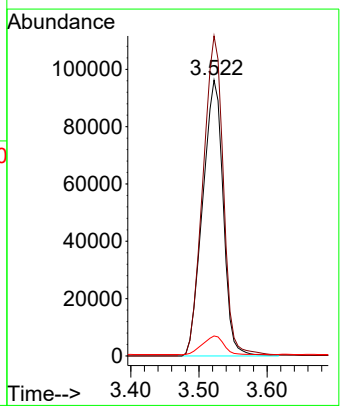


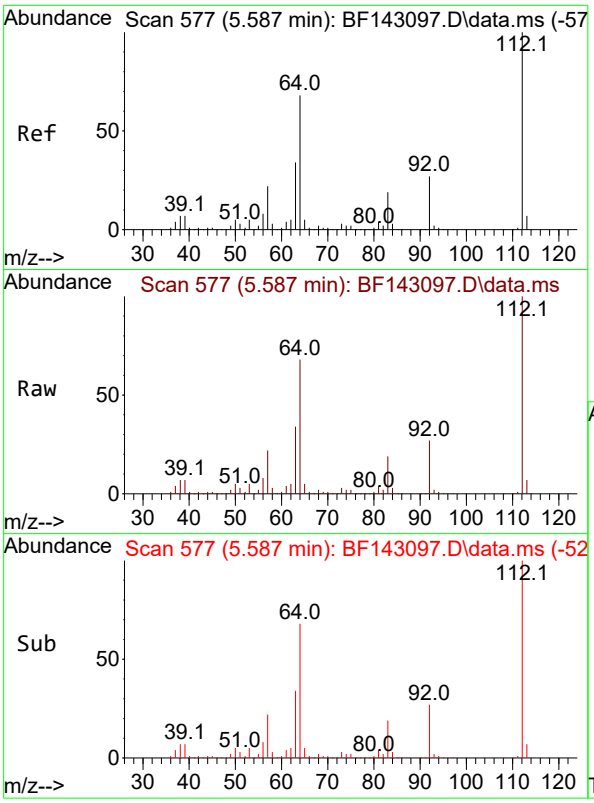


#4
n-Nitrosodimethylamine
Concen: 39.500 ng
RT: 3.522 min Scan# 226
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 42 Resp: 201552

Ion	Ratio	Lower	Upper
42	100		
74	116.0	92.8	139.2
44	7.2	5.8	8.6

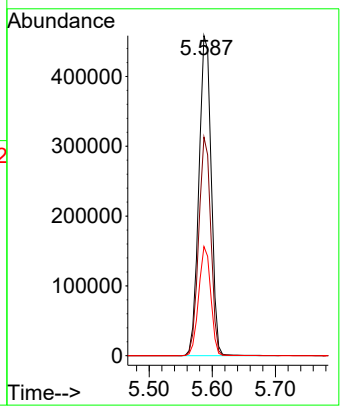




#5
2-Fluorophenol
Concen: 79.335 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:112 Resp: 61984

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.6	82.0
63	34.1	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
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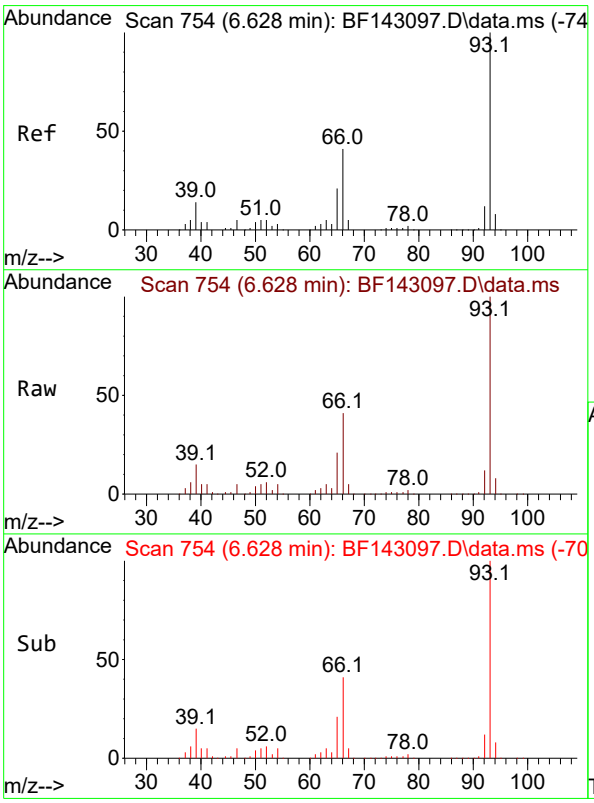
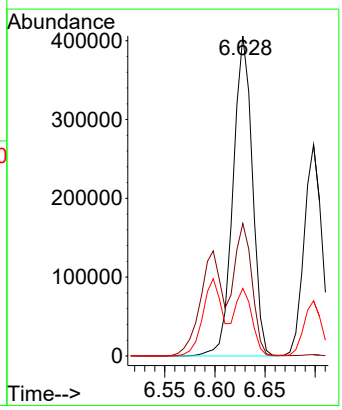
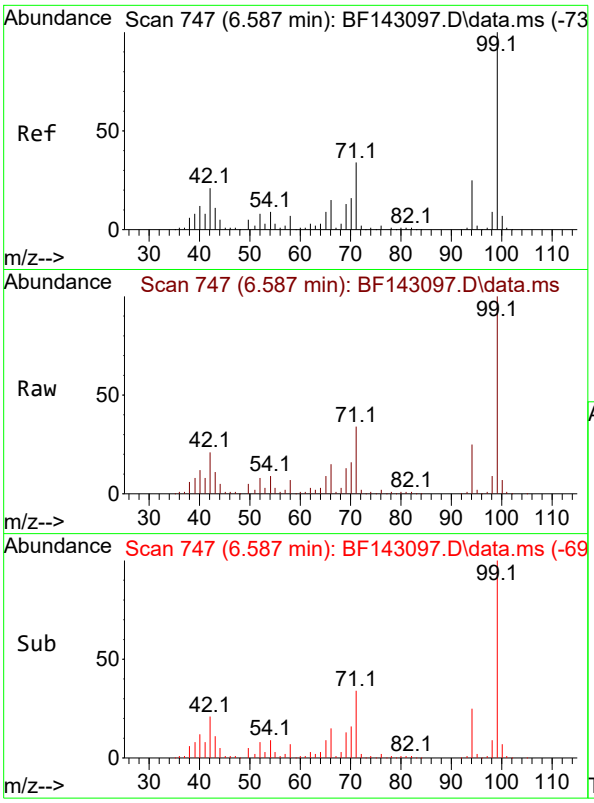


#6
Aniline
Concen: 39.365 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 93 Resp: 544405

Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.1	49.7
65	21.1	16.9	25.3





#7
Phenol-d6
Concen: 78.673 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 99 Resp: 77264

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	34.2	27.4	41.0

Instrument :
BNA_F
ClientSampleId :
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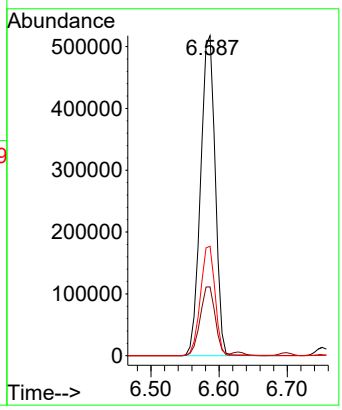
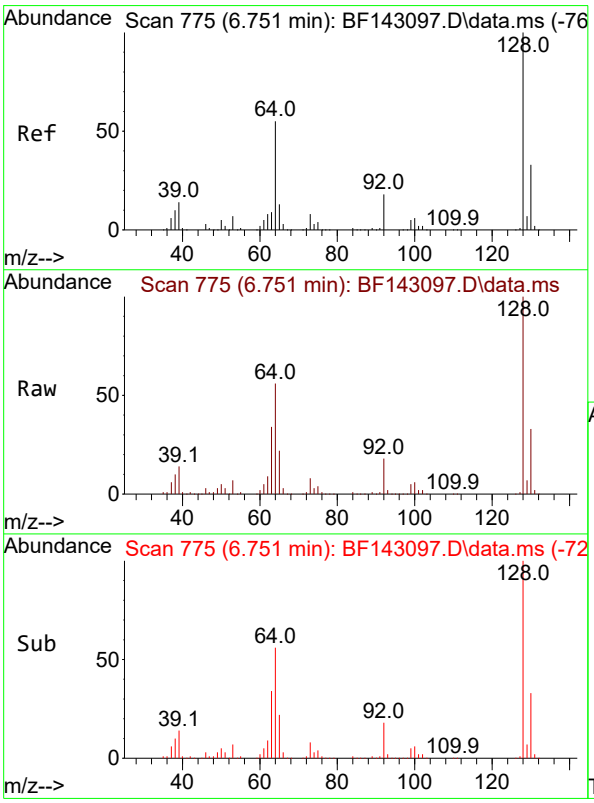
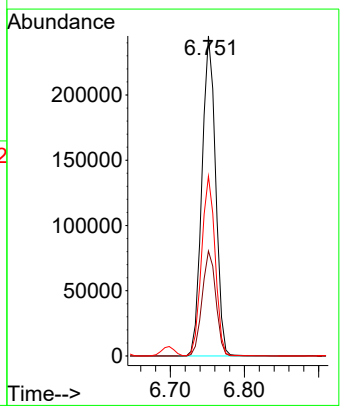


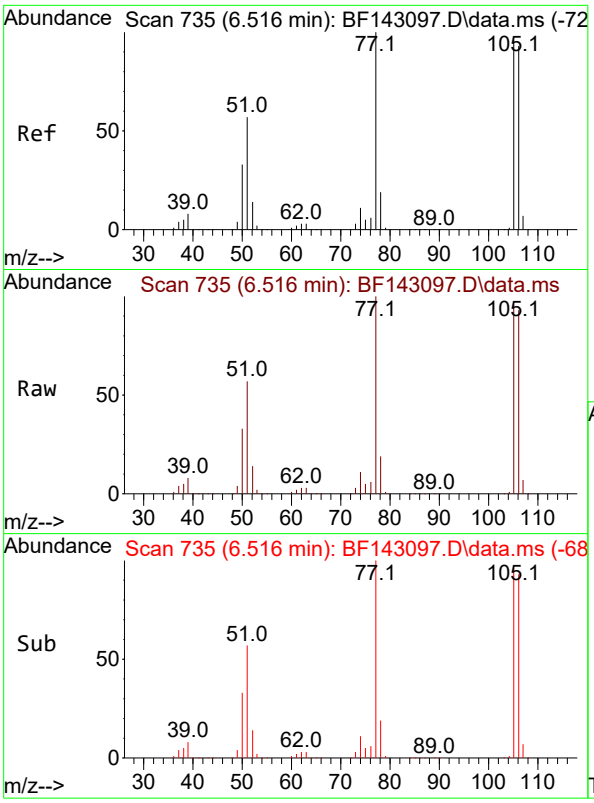


#8
2-Chlorophenol
Concen: 40.025 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:128 Resp: 314192

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	56.1	36.1	76.1

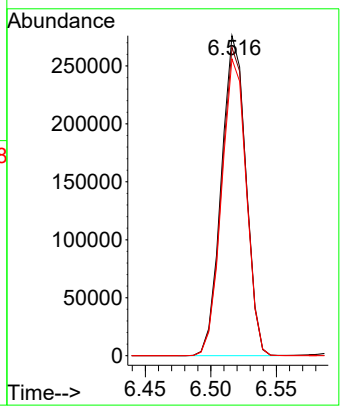




#9
Benzaldehyde
Concen: 47.869 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 77 Resp: 35821

Ion	Ratio	Lower	Upper
77	100		
105	96.3	76.3	116.3
106	92.8	72.8	112.8



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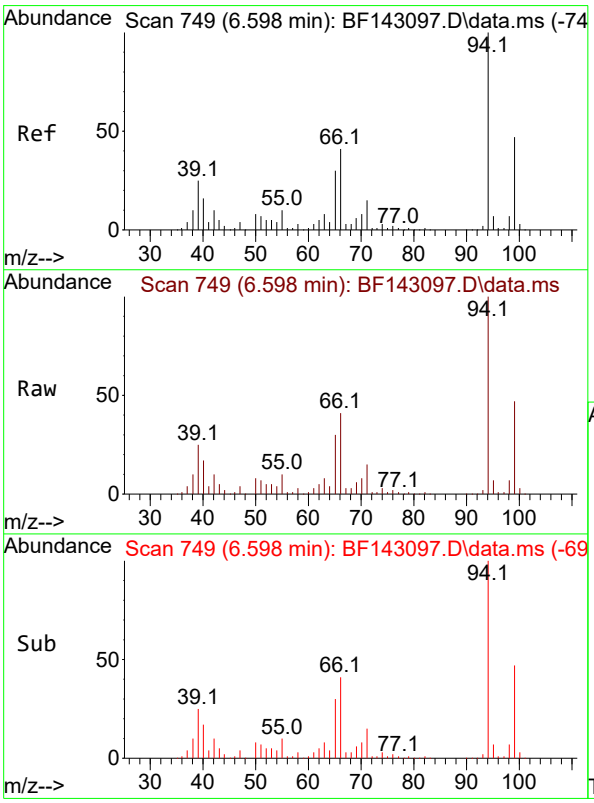
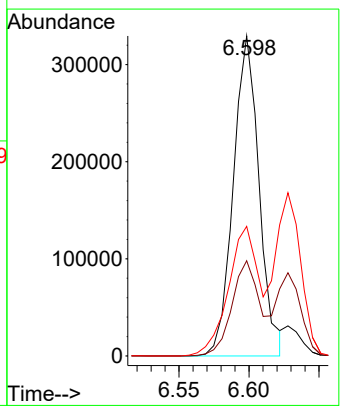
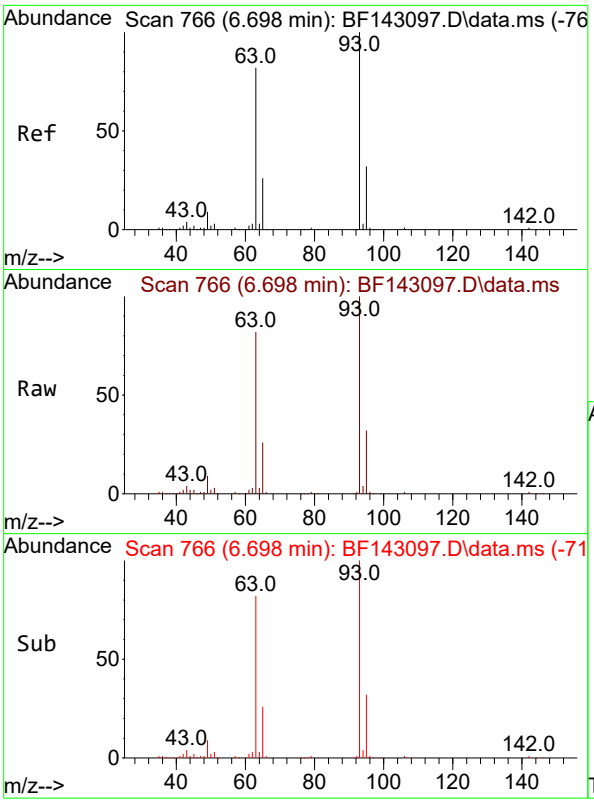


#10
Phenol
Concen: 39.676 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 94 Resp: 421819

Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.8	49.8
66	40.5	20.5	60.5

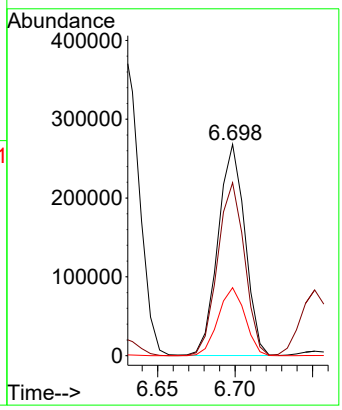




#11
bis(2-Chloroethyl)ether
Concen: 39.260 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 93 Resp: 32312

Ion	Ratio	Lower	Upper
93	100		
63	81.9	61.9	101.9
95	32.2	12.2	52.2



Instrument :
BNA_F
ClientSampleId :
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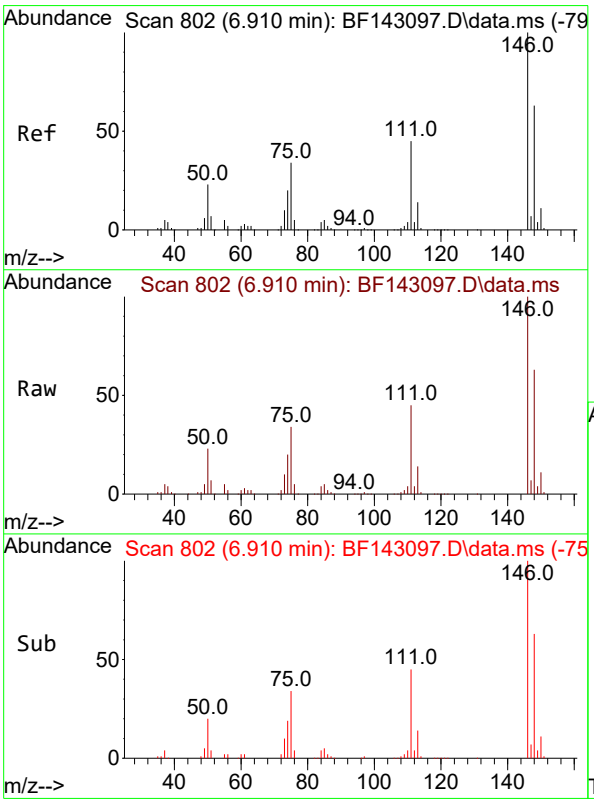
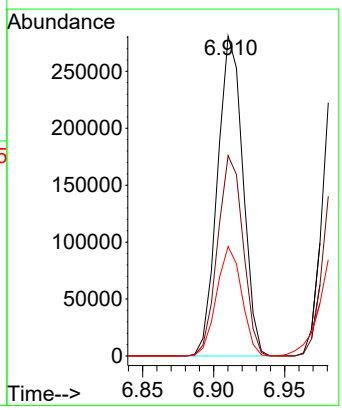
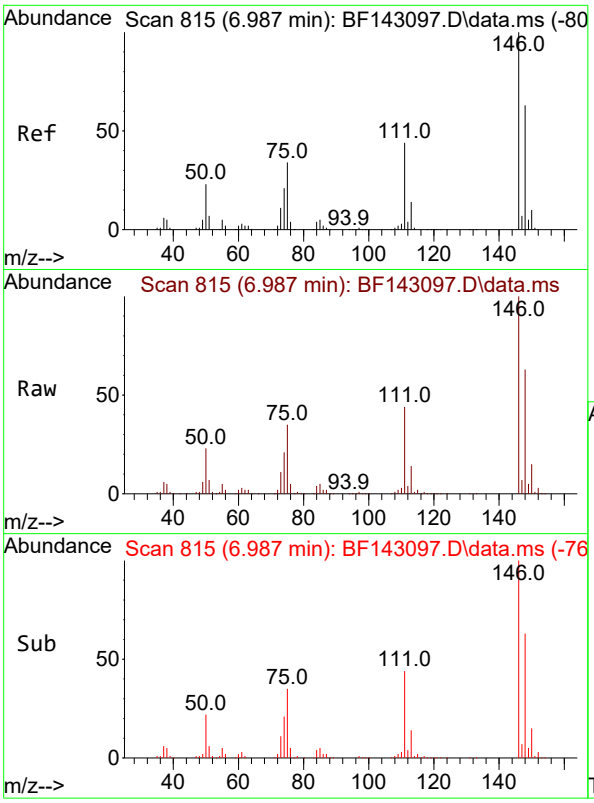


#12
1,3-Dichlorobenzene
Concen: 39.371 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:146 Resp: 349154

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.1	75.1
75	34.2	27.4	41.0

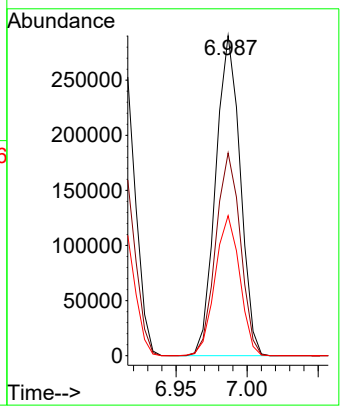




#13
1,4-Dichlorobenzene
Concen: 39.084 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:146 Resp: 34870

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	43.8	35.0	52.6



Instrument :
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ClientSampleId :
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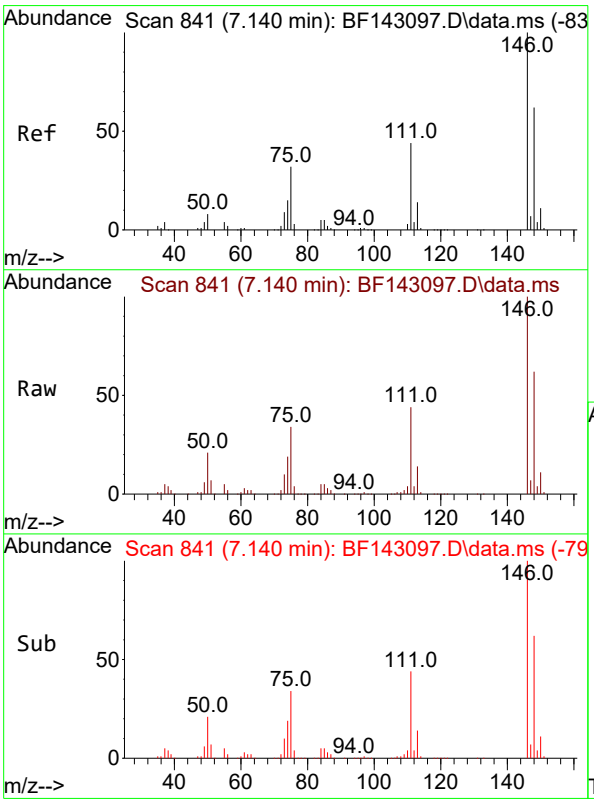
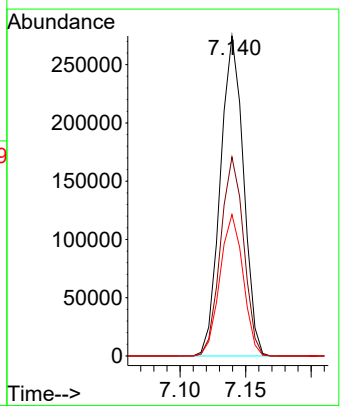
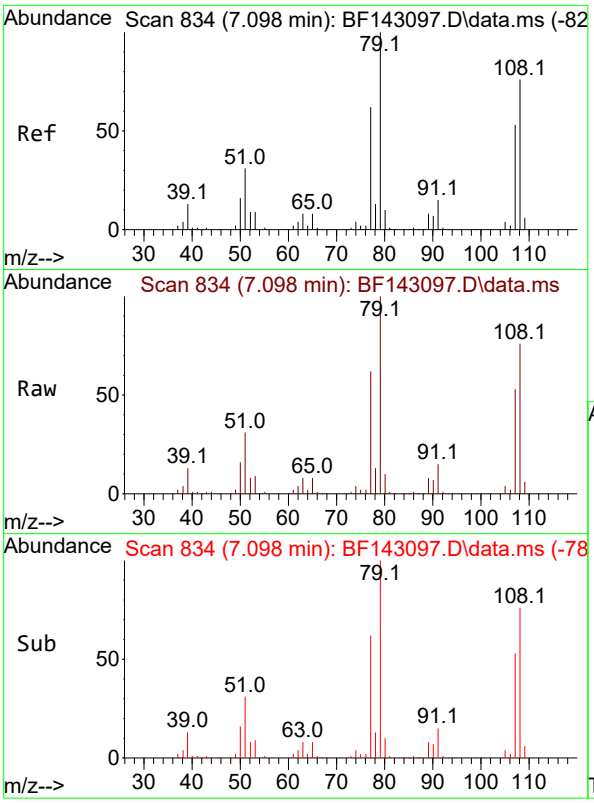


#14
1,2-Dichlorobenzene
Concen: 39.587 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:146 Resp: 336818

Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.8	74.6
111	44.2	35.4	53.0

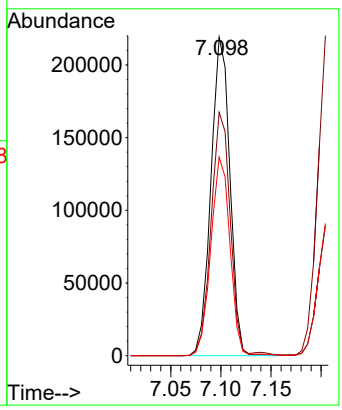




#15
Benzyl Alcohol
Concen: 39.585 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 79 Resp: 28805

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.1	91.7
77	62.4	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
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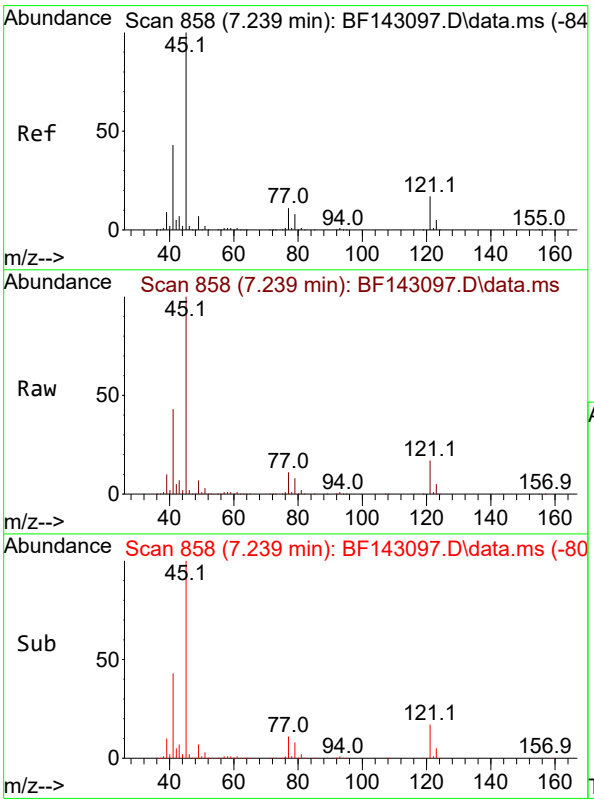
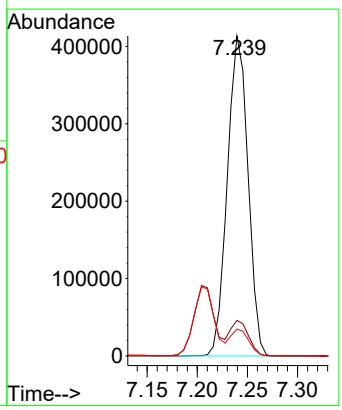
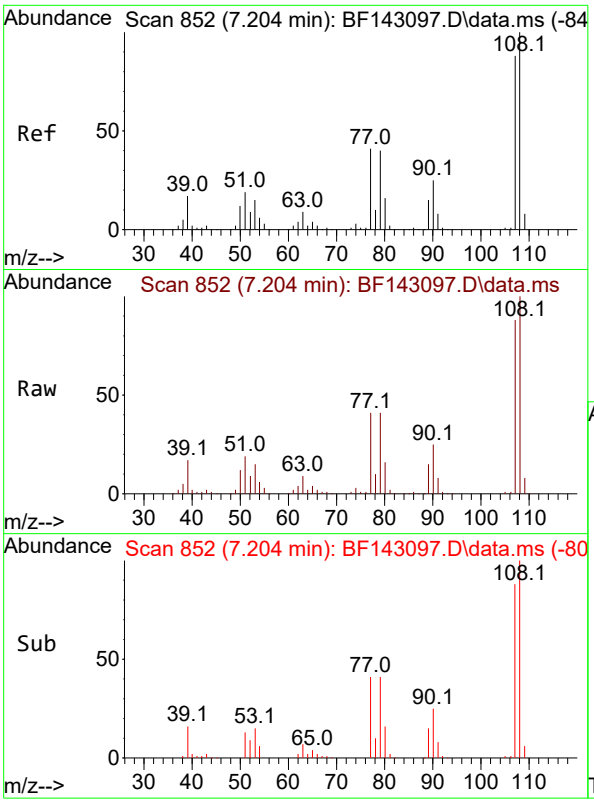


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.134 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 45 Resp: 593735

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.4	0.0	28.4

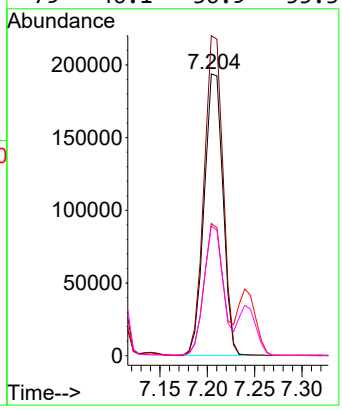




#17
2-Methylphenol
Concen: 39.484 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:107 Resp: 26747

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.9	37.5	56.3
79	46.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
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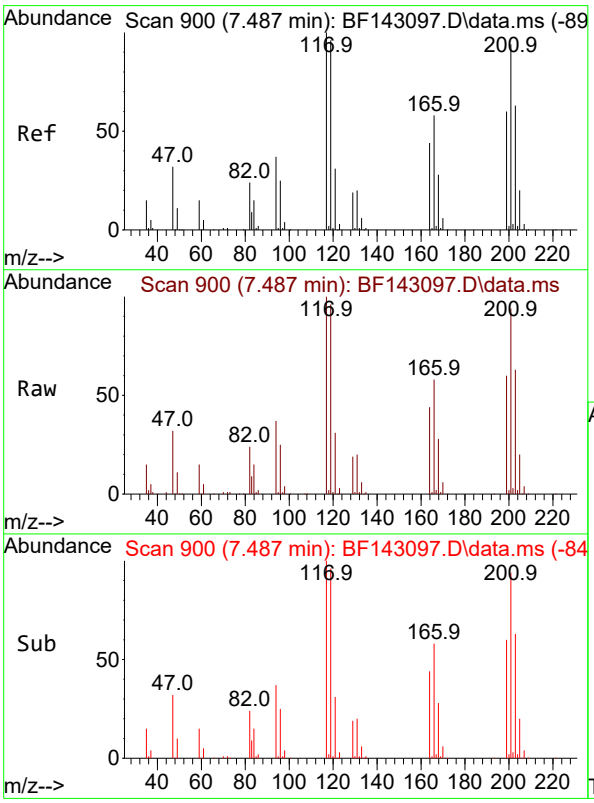
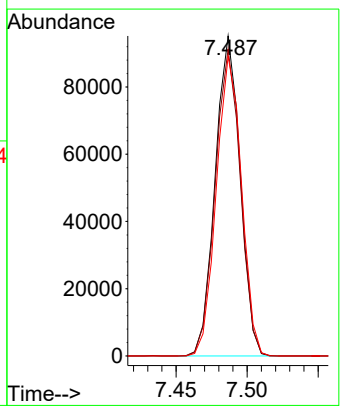
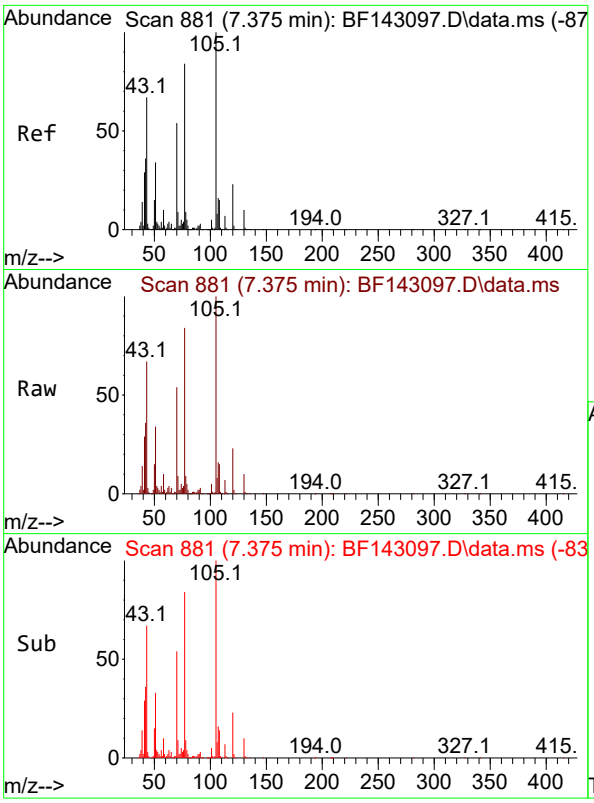


#18
Hexachloroethane
Concen: 40.159 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:117 Resp: 116640

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
201	93.7	75.0	112.4

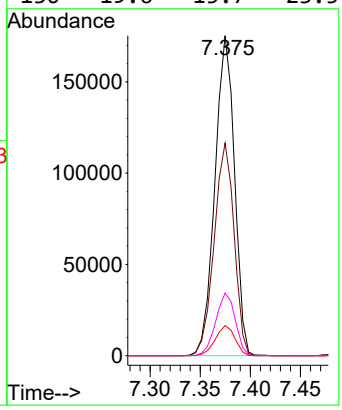




#19
n-Nitroso-di-n-propylamine
Concen: 39.549 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 70 Resp: 23795

Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.2	79.8
101	9.4	7.5	11.3
130	19.6	15.7	23.5



Instrument :
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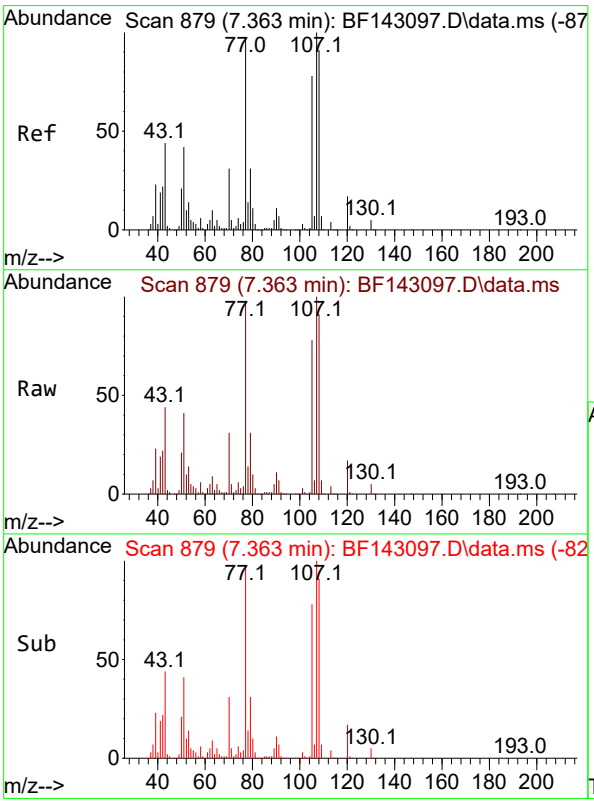
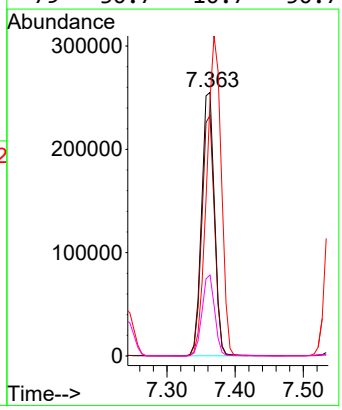
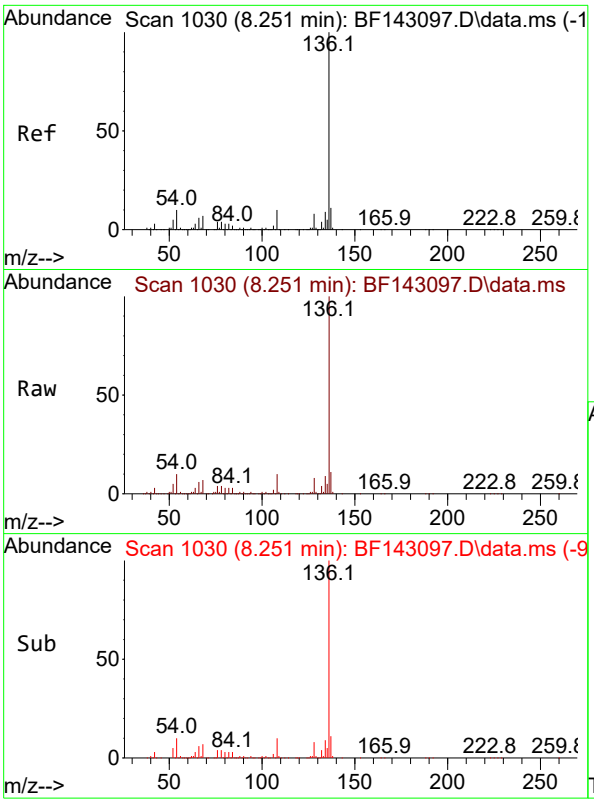


#20
3+4-Methylphenols
Concen: 40.291 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:107 Resp: 334719

Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.3	111.3
77	97.2	77.2	117.2
79	30.7	10.7	50.7

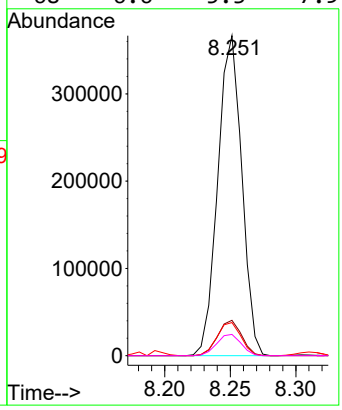




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:136 Resp: 46642

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	8.3	12.5
68	6.6	5.3	7.9



Instrument :
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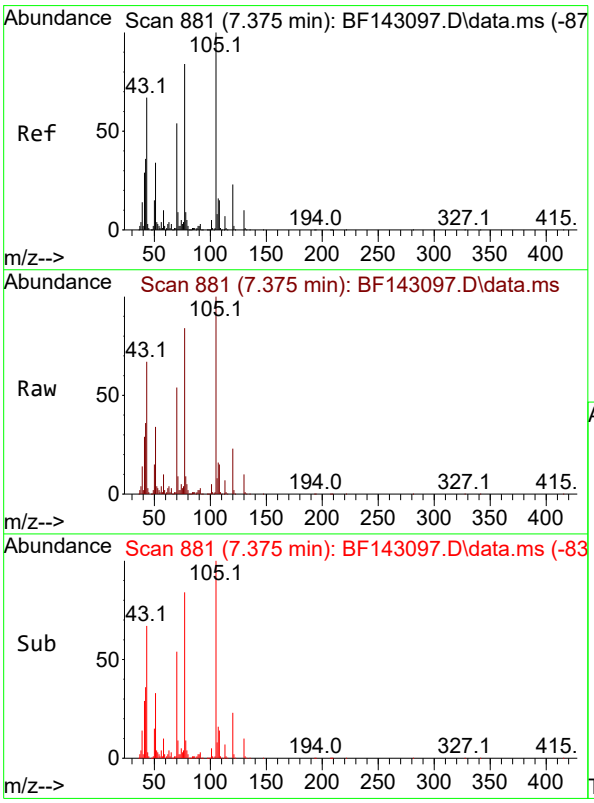
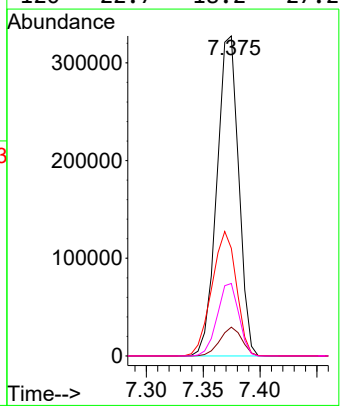
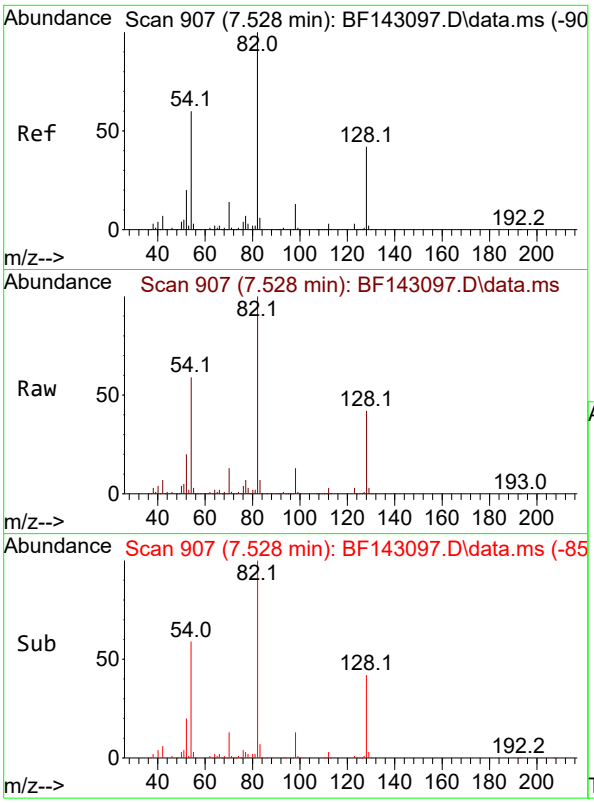


#22
Acetophenone
Concen: 38.906 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:105 Resp: 437447

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	33.7	27.0	40.4
120	22.7	18.2	27.2

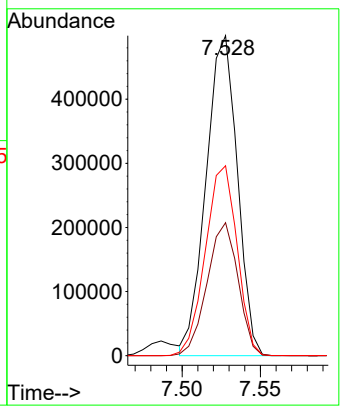




#23
Nitrobenzene-d5
Concen: 83.526 ng m
RT: 7.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 82 Resp: 69449

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	59.3	47.4	71.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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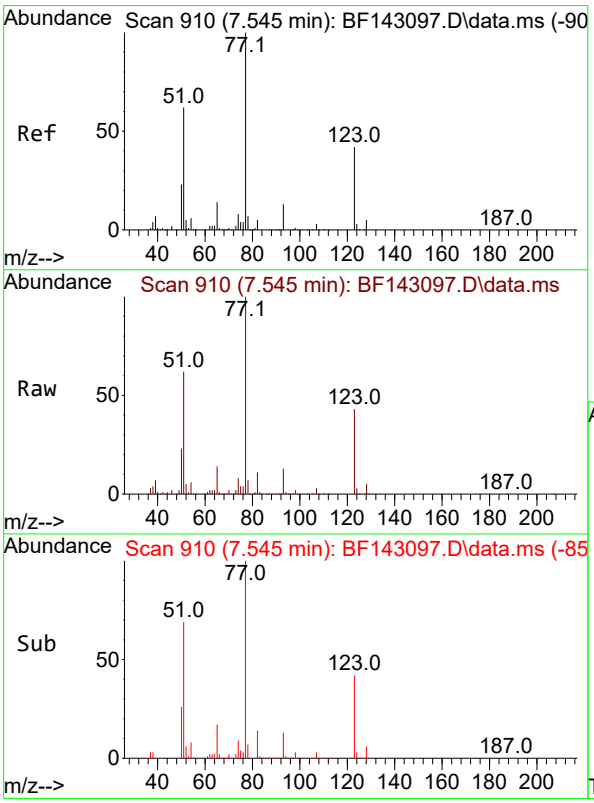
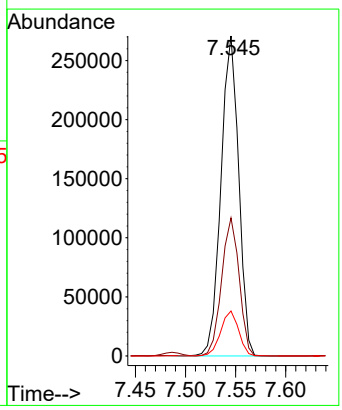
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

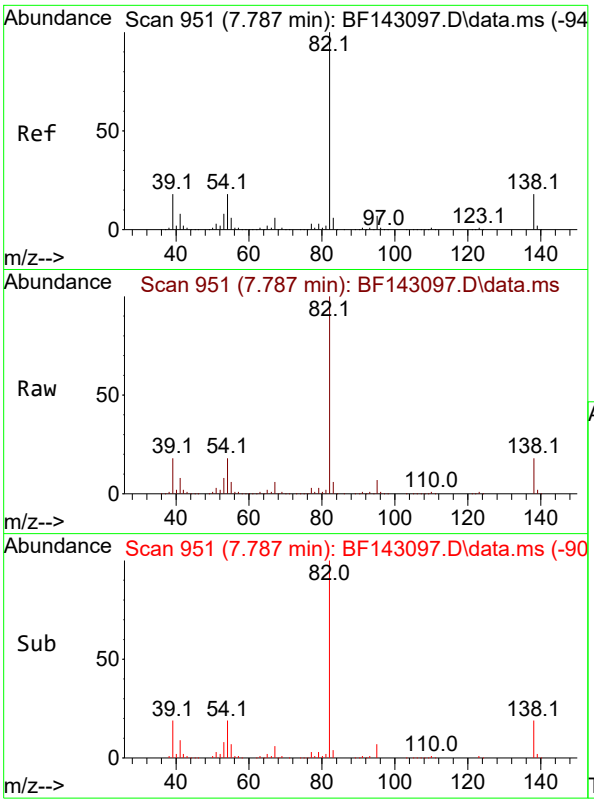


#24
Nitrobenzene
Concen: 41.364 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 77 Resp: 332013

Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.5	51.7
65	14.1	11.3	16.9

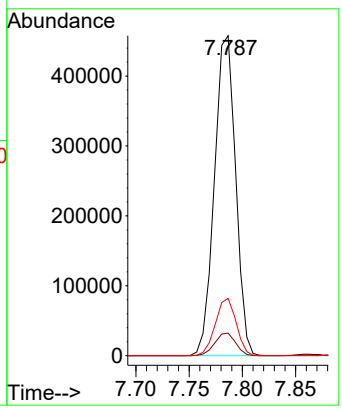




#25
Isophorone
Concen: 39.346 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 82 Resp: 63232

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.9	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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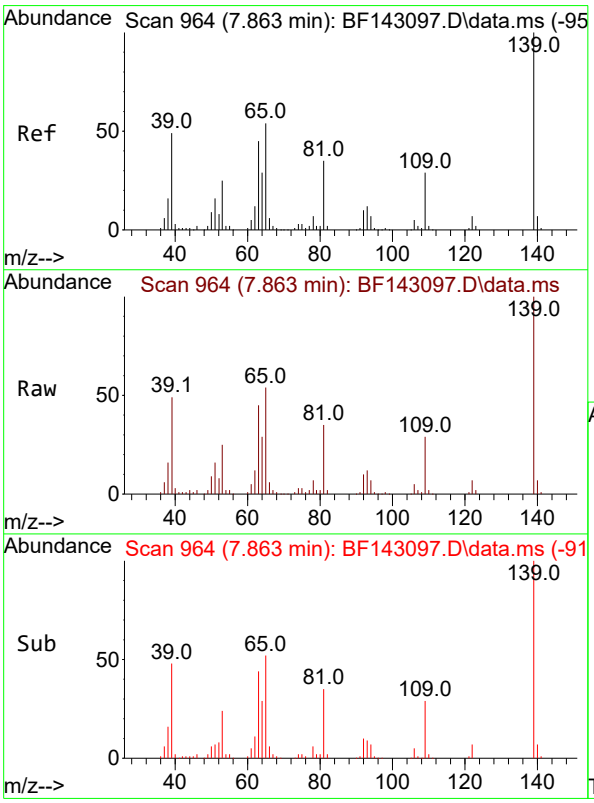
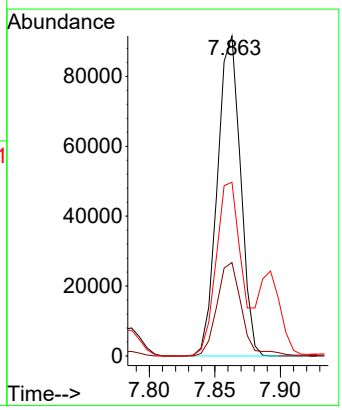
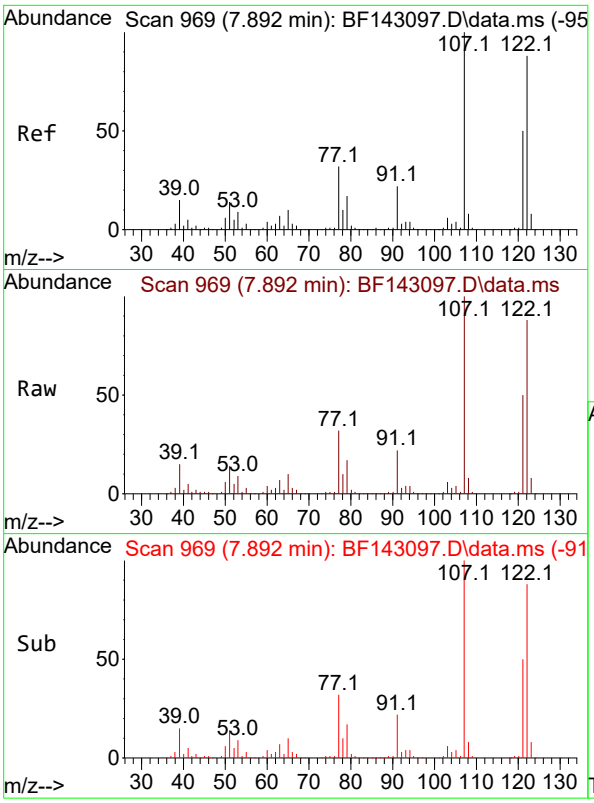


#26
2-Nitrophenol
Concen: 36.079 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:139 Resp: 112314

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.4	35.0
65	54.3	43.4	65.2

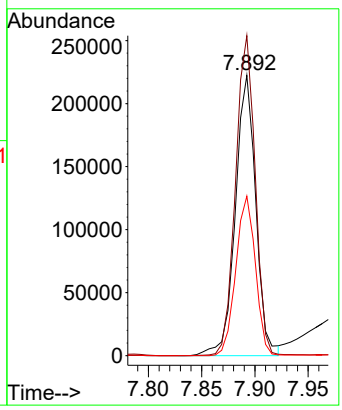




#27
2,4-Dimethylphenol
Concen: 39.984 ng
RT: 7.892 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:122 Resp: 29824

Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.3	136.9
121	56.9	45.5	68.3



Instrument :
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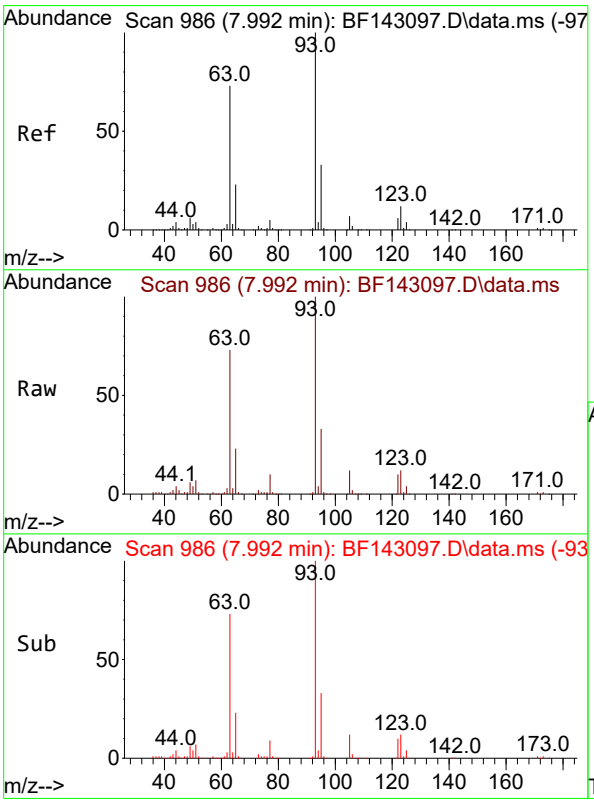
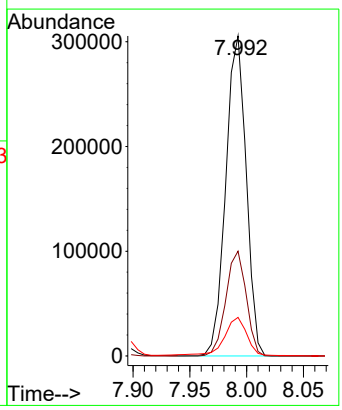
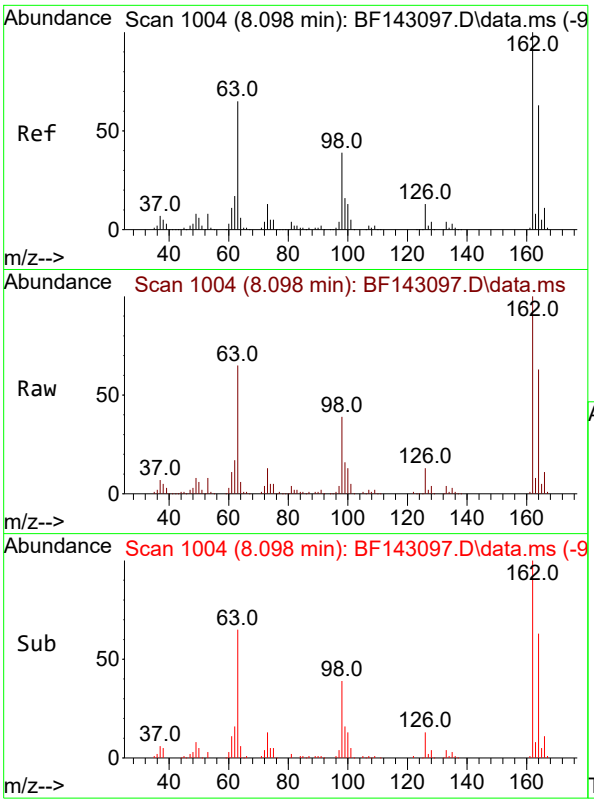


#28
bis(2-Chloroethoxy)methane
Concen: 39.155 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 93 Resp: 381576

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.0	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 40.752 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:162 Resp: 24867

Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.1	83.1
98	39.2	19.2	59.2

Instrument :
BNA_F
ClientSampleId :
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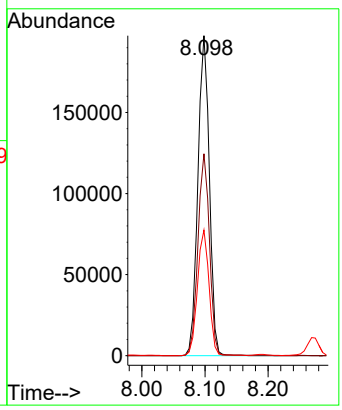
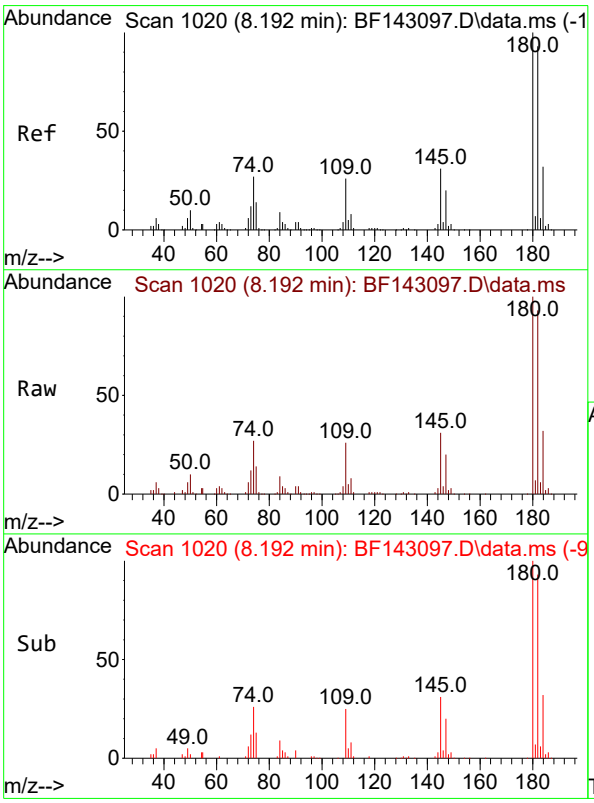
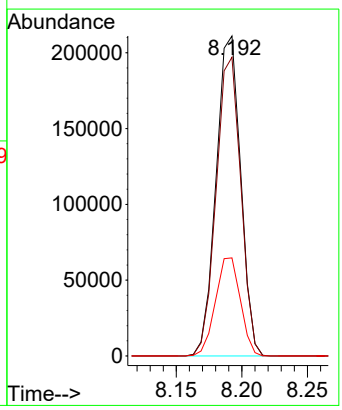


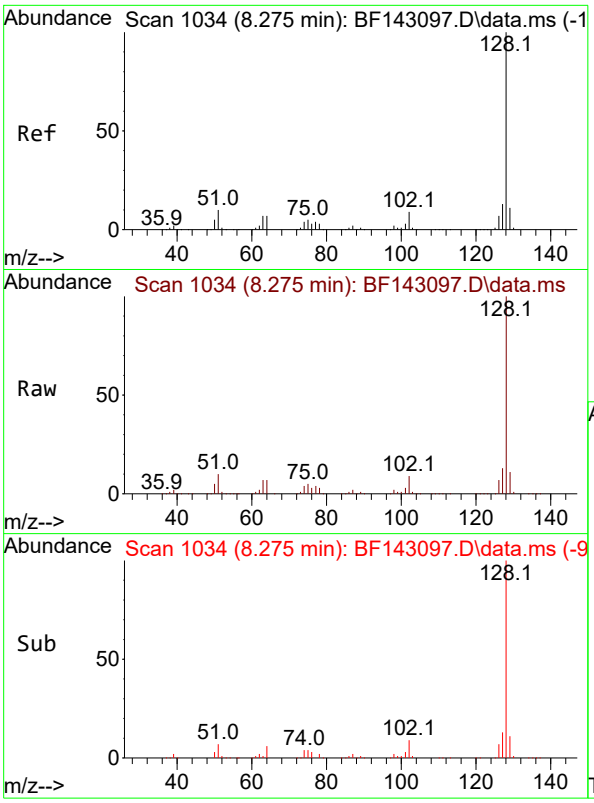


#30
1,2,4-Trichlorobenzene
Concen: 39.701 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:180 Resp: 274944

Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.7	112.1
145	30.6	24.5	36.7

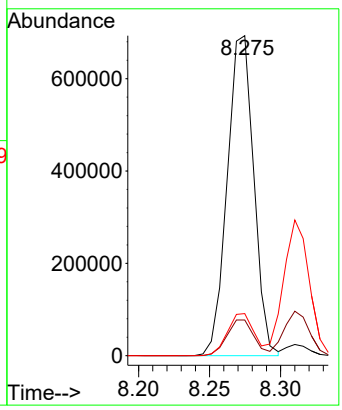




#31
Naphthalene
Concen: 38.898 ng
RT: 8.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:128 Resp: 90096

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.5	15.7



Instrument :
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ClientSampleId :
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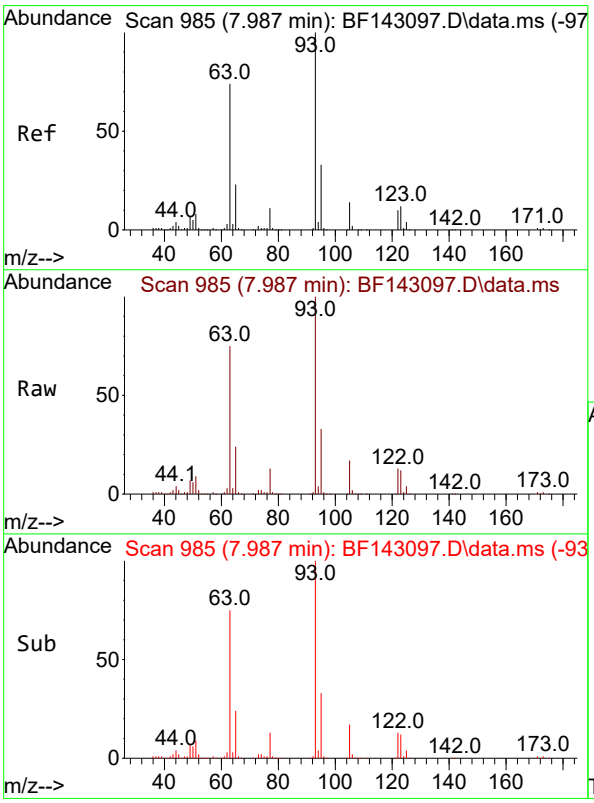
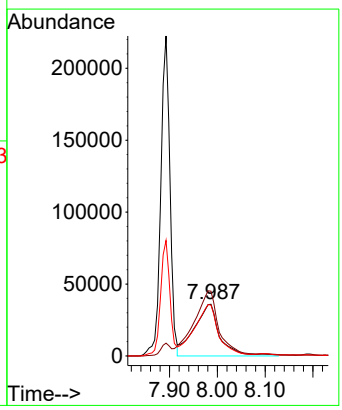
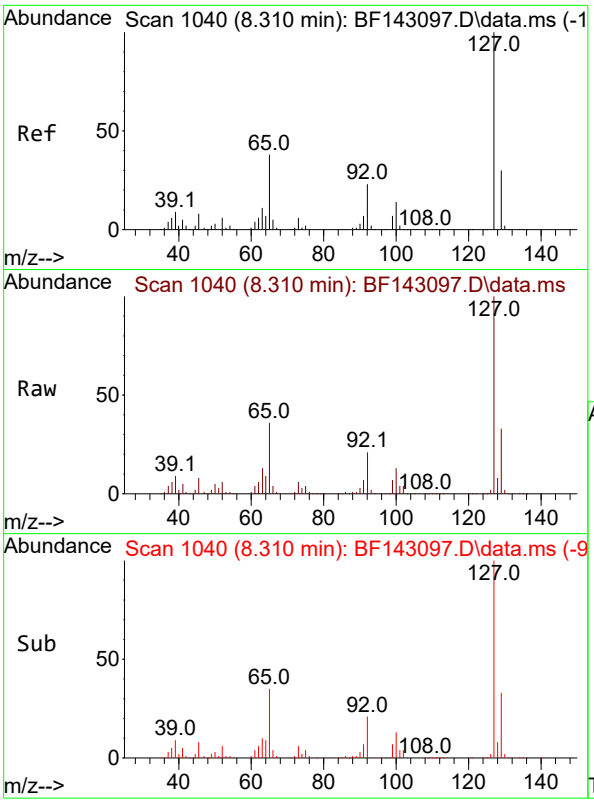


#32
Benzoic acid
Concen: 37.684 ng m
RT: 7.987 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:122 Resp: 133968

Ion	Ratio	Lower	Upper
122	100		
105	125.4	105.4	145.4
77	98.6	78.6	118.6

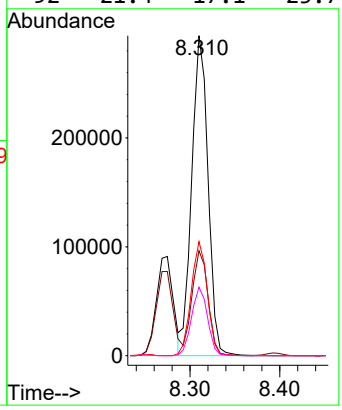




#33
4-Chloroaniline
Concen: 39.858 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:127 Resp: 37124

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	35.7	28.6	42.8
92	21.4	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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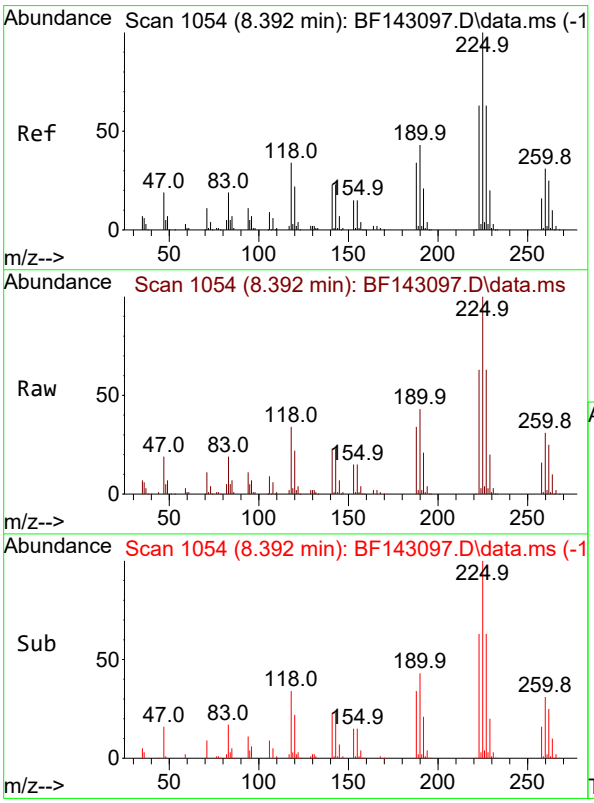
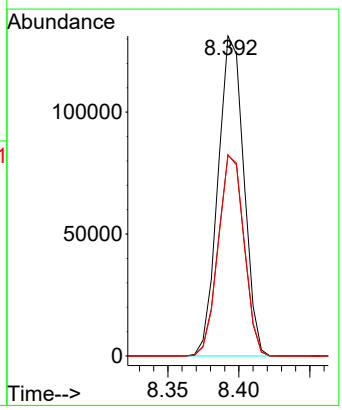
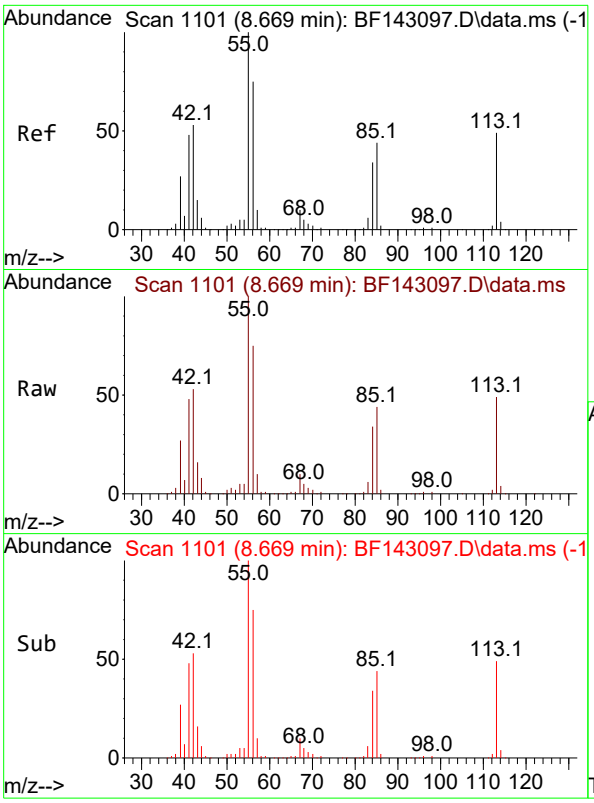


#34
Hexachlorobutadiene
Concen: 39.978 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:225 Resp: 165576

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	62.6	50.1	75.1





#35
Caprolactam
Concen: 40.657 ng
RT: 8.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:113 Resp: 7747

Ion	Ratio	Lower	Upper
113	100		
55	206.2	186.2	226.2
56	154.1	134.1	174.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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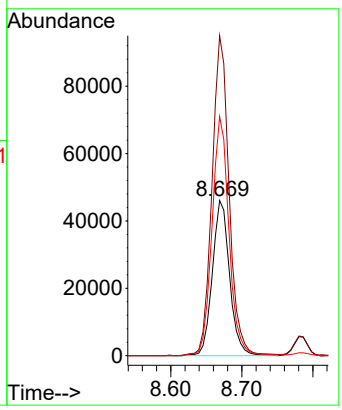
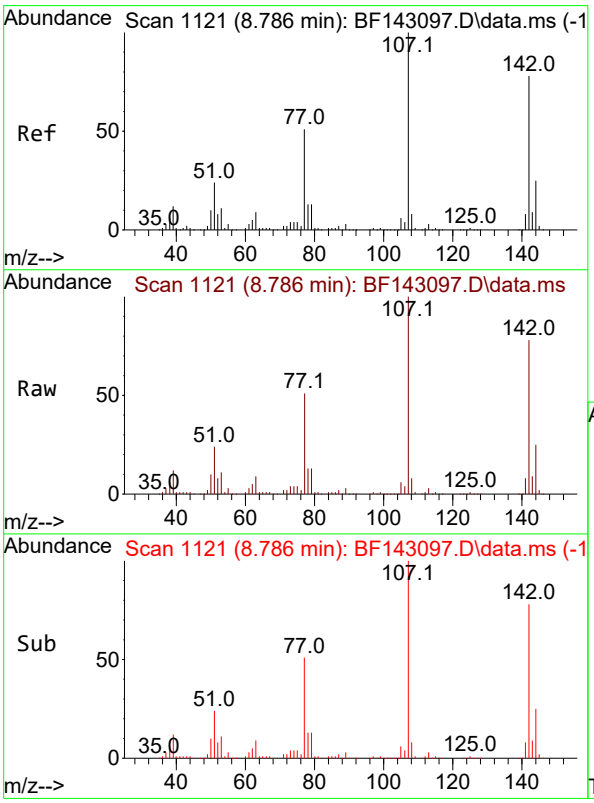
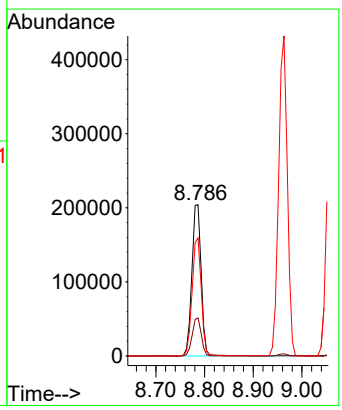


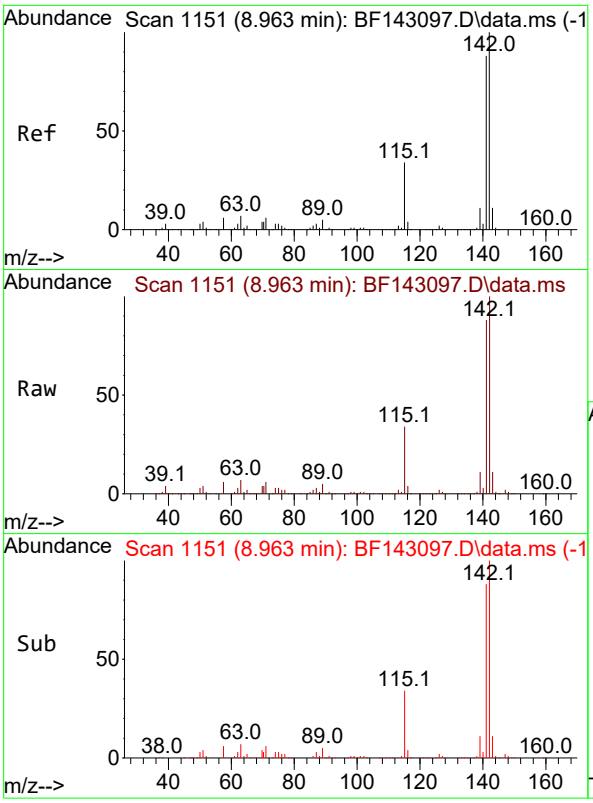


#36
4-Chloro-3-methylphenol
Concen: 40.145 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:107 Resp: 272885

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.2	30.2
142	78.0	62.4	93.6





#37
2-Methylnaphthalene
Concen: 39.141 ng
RT: 8.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:142 Resp: 54084

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.2

Instrument :
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ClientSampleId :
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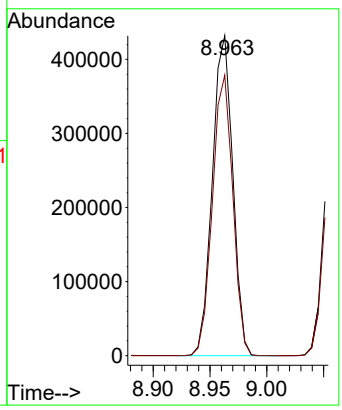
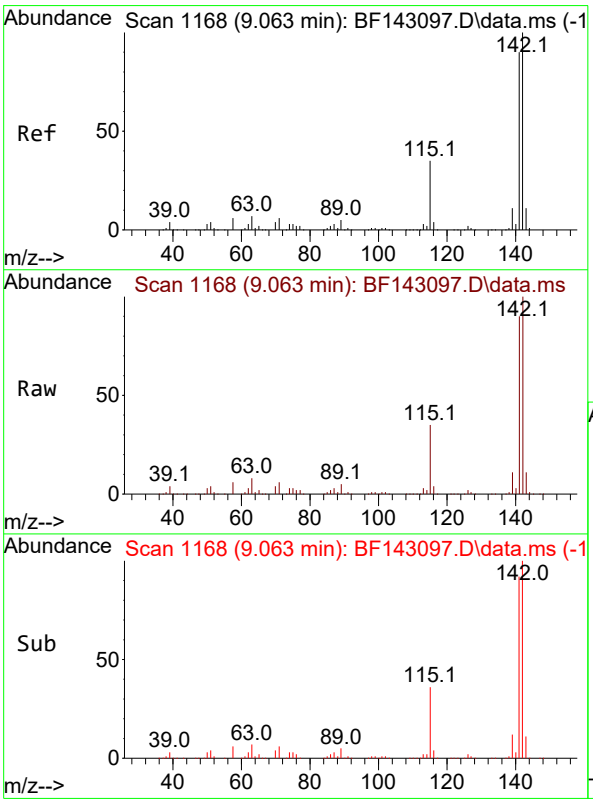
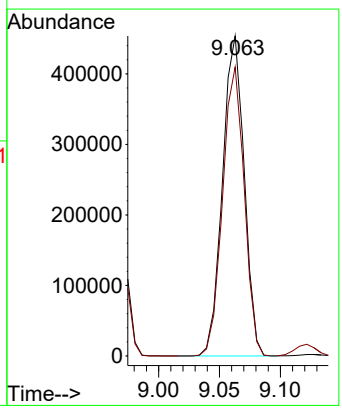


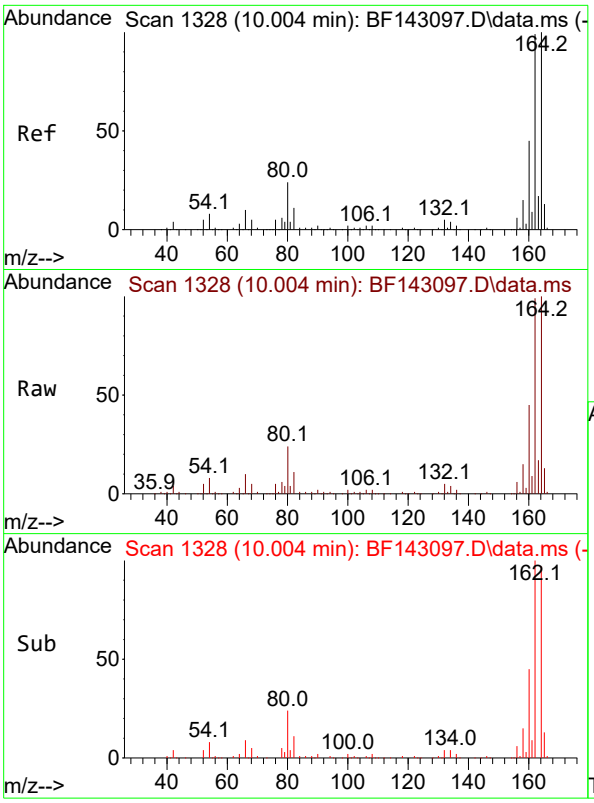


#38
1-Methylnaphthalene
Concen: 39.263 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:142 Resp: 562696

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 22773

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.0	118.6
160	44.7	35.8	53.6

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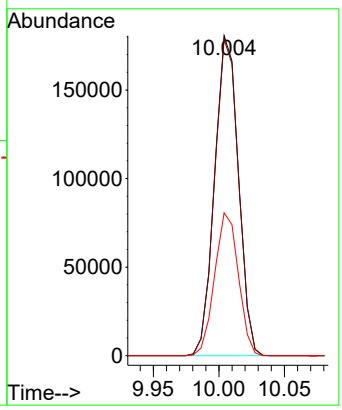
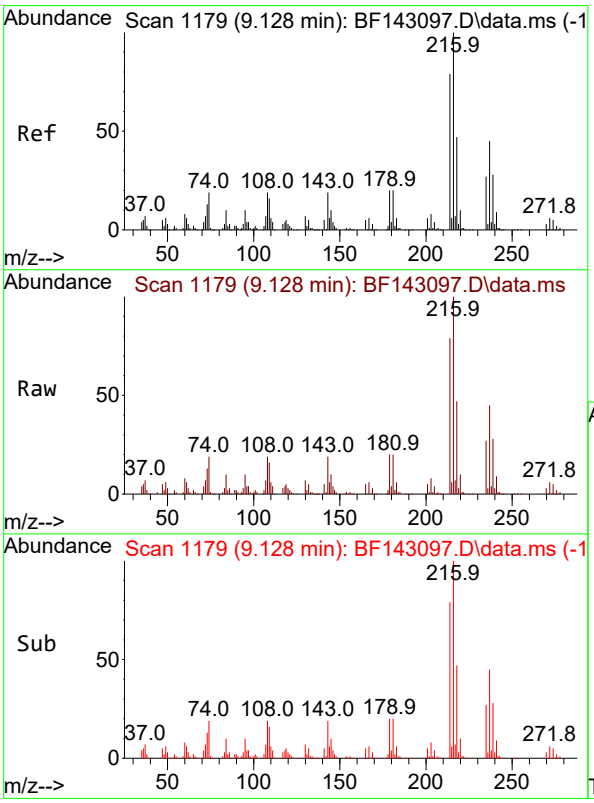
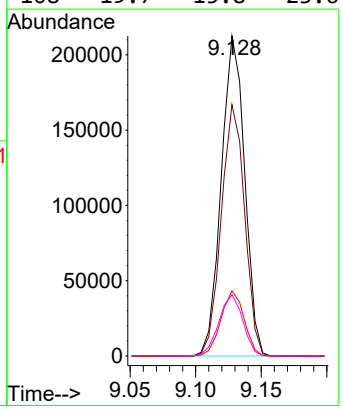


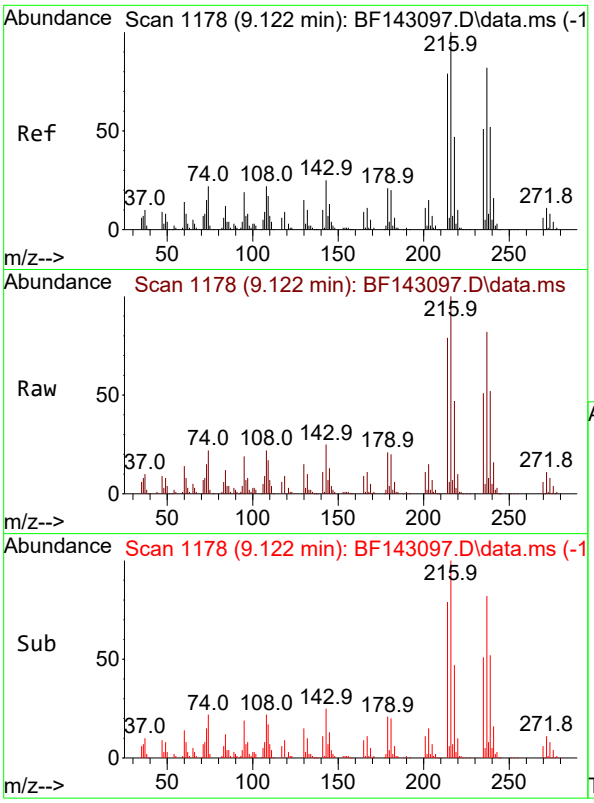


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.653 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:216 Resp: 263160

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	20.2	16.2	24.2
108	19.7	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 40.011 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:237 Resp: 14722

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	12.9	0.0	32.9

Instrument :
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ClientSampleId :
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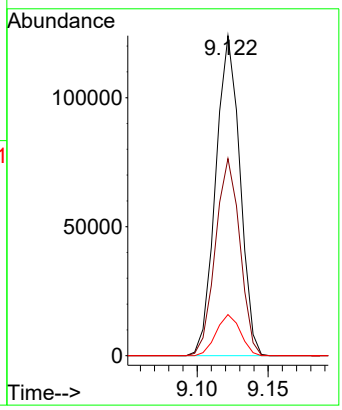
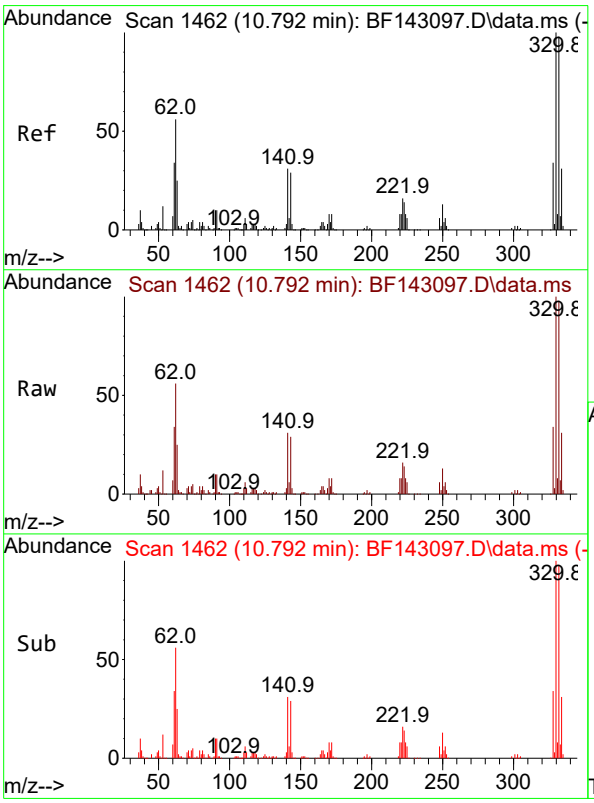
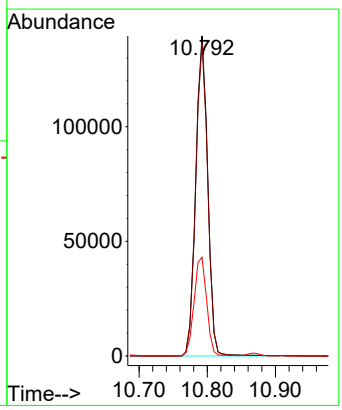


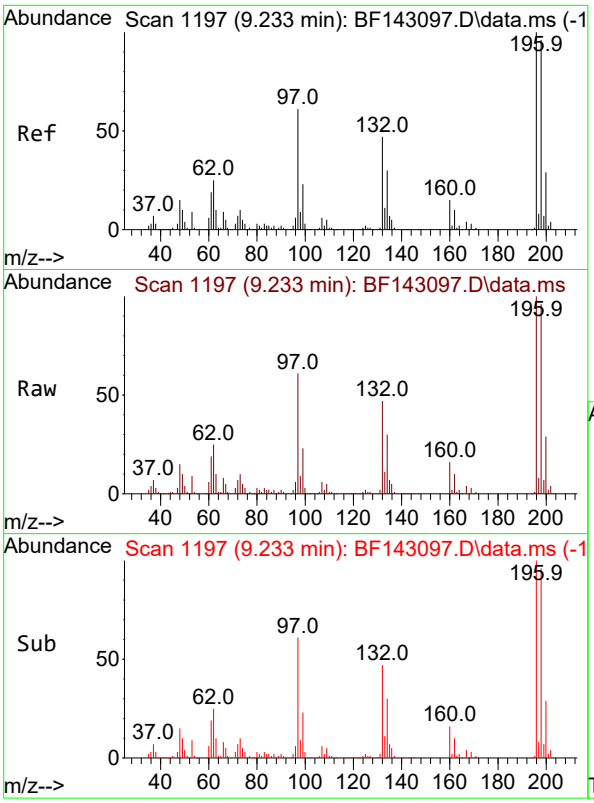


#42
2,4,6-Tribromophenol
Concen: 84.198 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:330 Resp: 170969

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.9	116.9
141	32.4	25.9	38.9

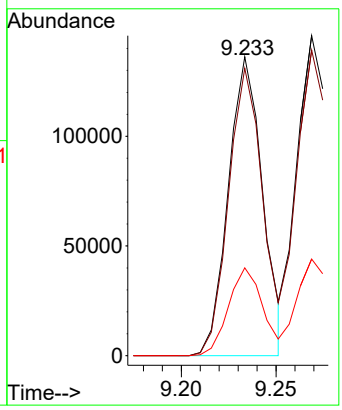




#43
2,4,6-Trichlorophenol
Concen: 41.569 ng
RT: 9.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:196 Resp: 17141

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	29.4	23.5	35.3



Instrument :
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ClientSampleId :
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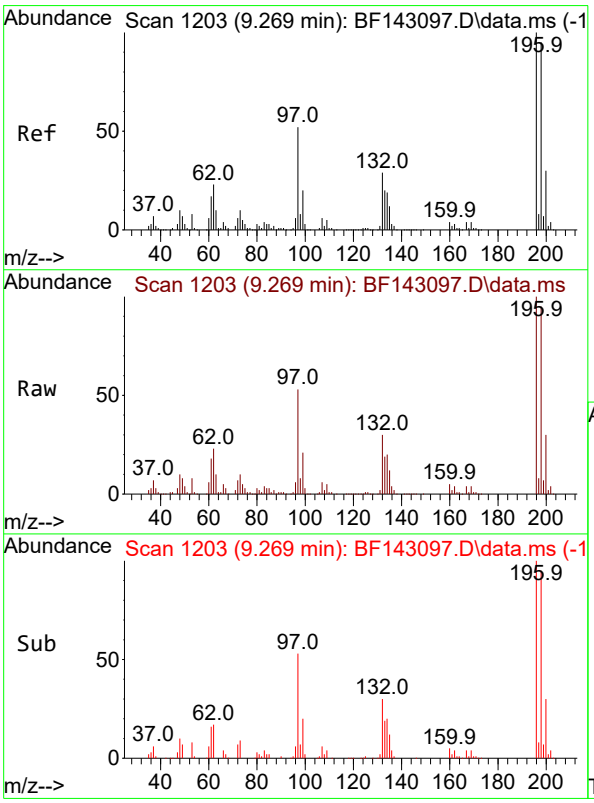
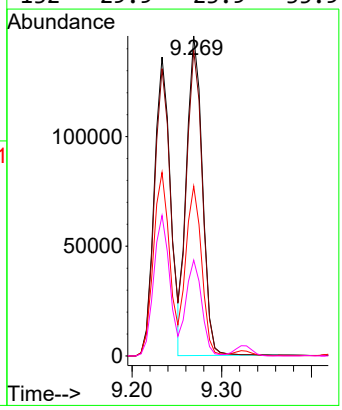
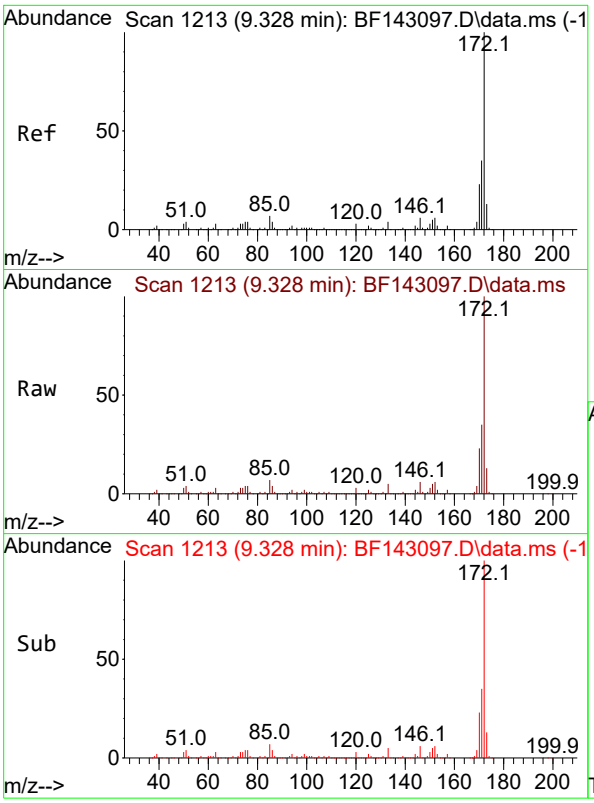


#44
2,4,5-Trichlorophenol
Concen: 41.422 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:196 Resp: 179101

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.4	114.6
97	53.0	42.4	63.6
132	29.9	23.9	35.9

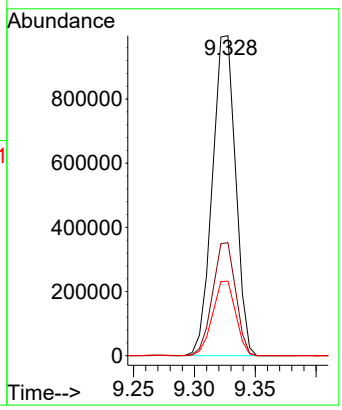




#45
2-Fluorobiphenyl
Concen: 77.428 ng
RT: 9.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:172 Resp: 132648

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
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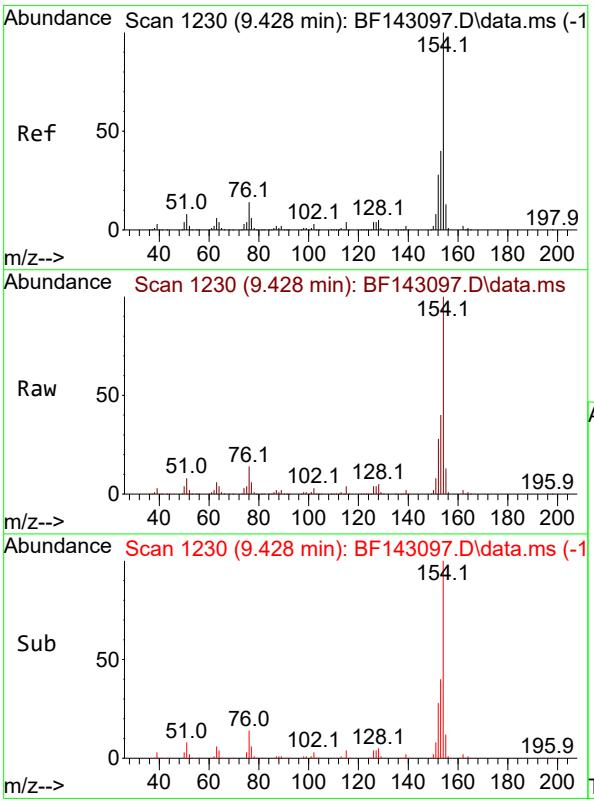
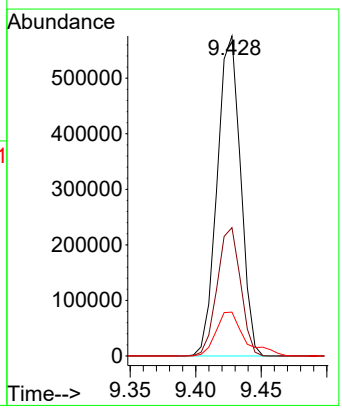
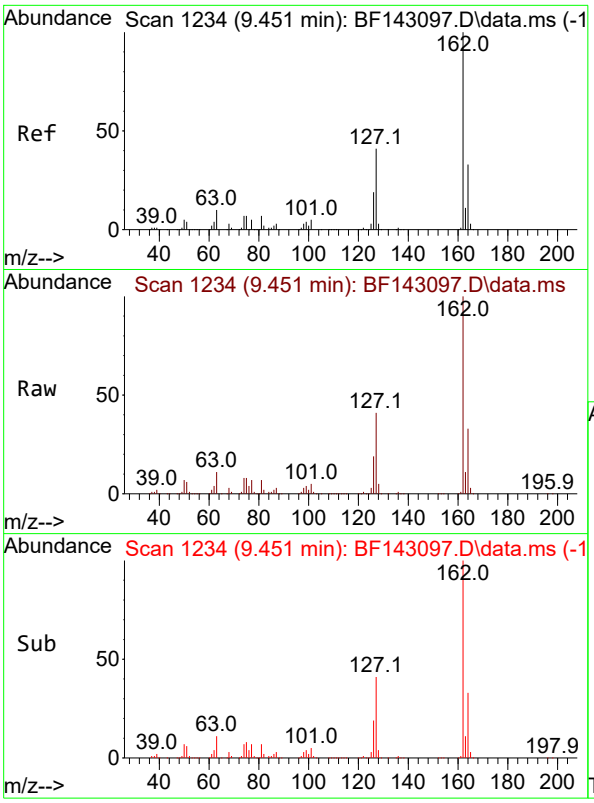


#46
1,1'-Biphenyl
Concen: 39.288 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:154 Resp: 713513

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	13.7	0.0	33.7

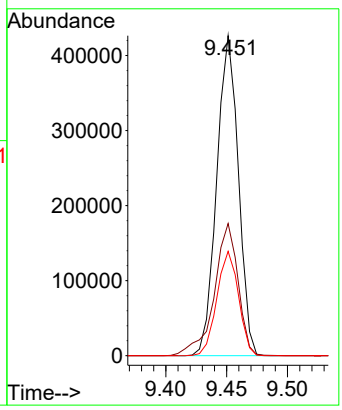




#47
2-Chloronaphthalene
Concen: 39.561 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:162 Resp: 52780

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.0	49.6
164	32.6	26.1	39.1



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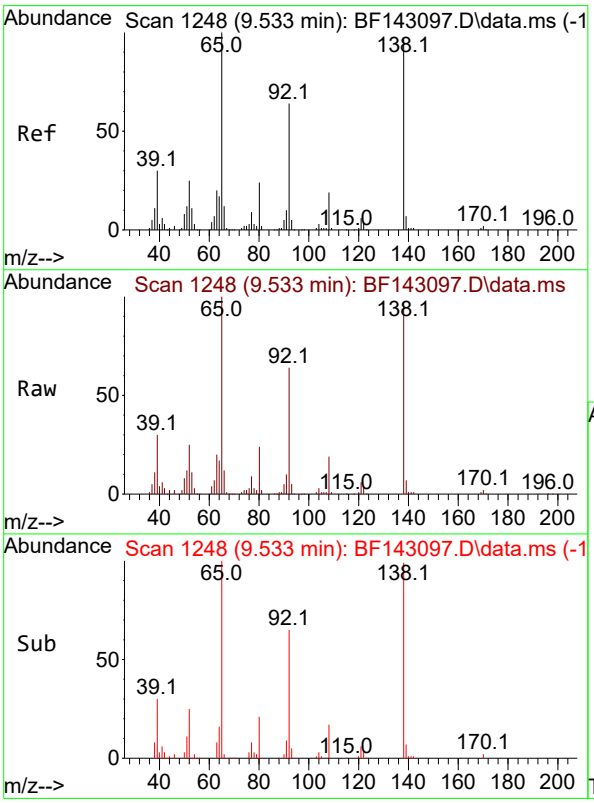
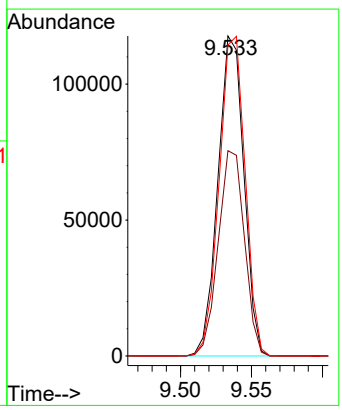
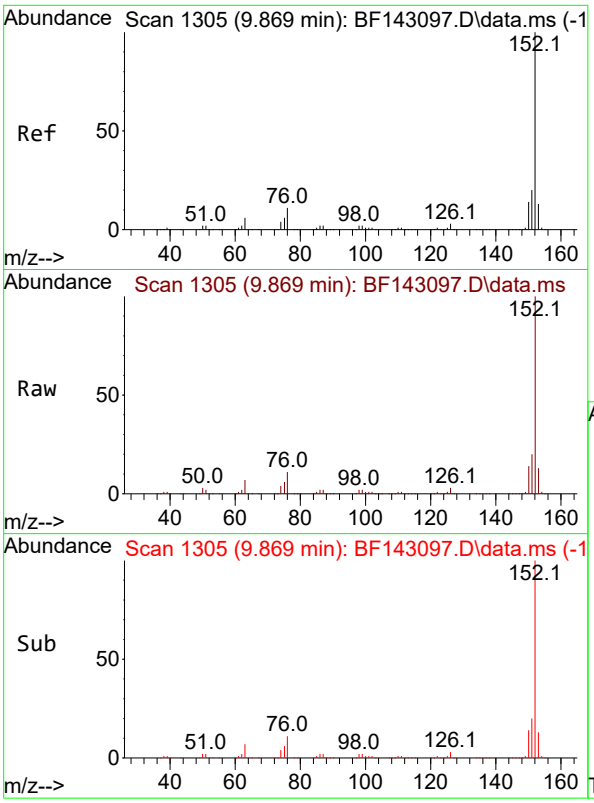


#48
2-Nitroaniline
Concen: 38.182 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 65 Resp: 149322

Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.3	76.9
138	97.2	77.8	116.6

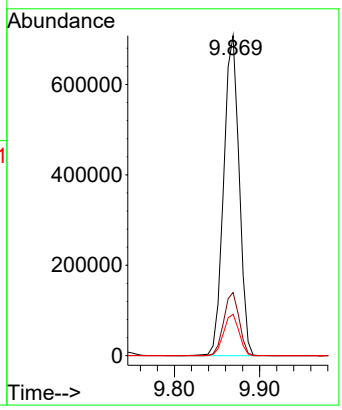




#49
Acenaphthylene
Concen: 40.126 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:152 Resp: 89205

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.0	10.4	15.6



Instrument :
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ClientSampleId :
SSTDICCC040

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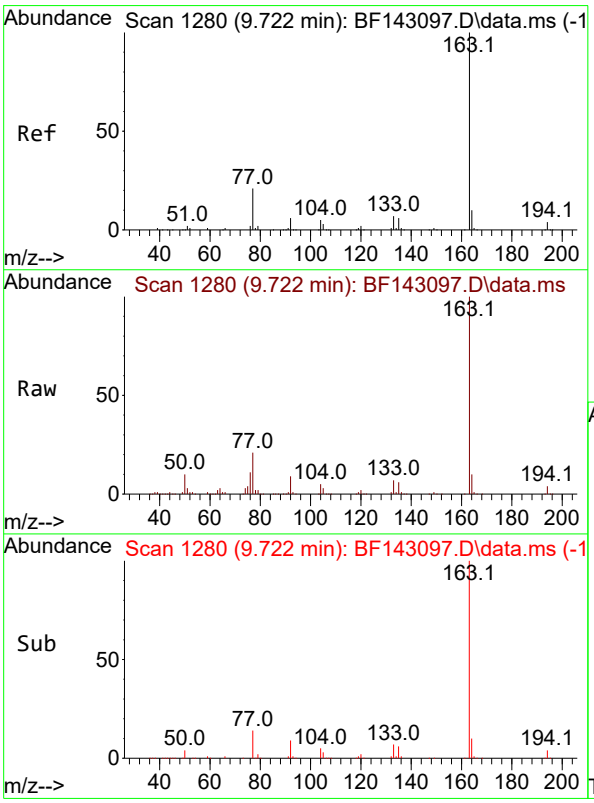
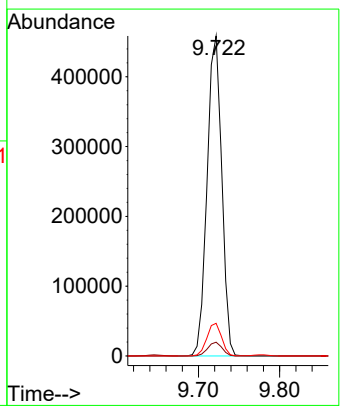
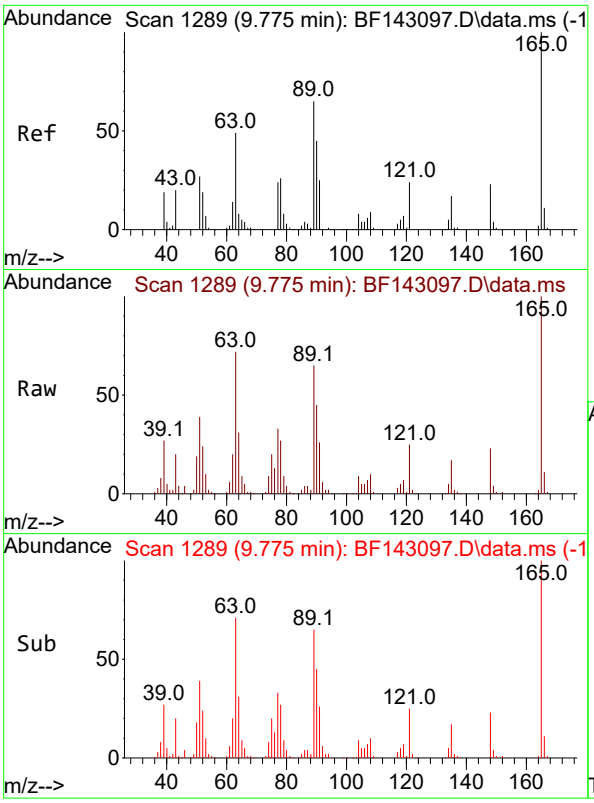


#50
Dimethylphthalate
Concen: 39.971 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:163 Resp: 572658

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 38.213 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:165 Resp: 10646

Ion	Ratio	Lower	Upper
165	100		
63	71.7	57.4	86.0
89	64.8	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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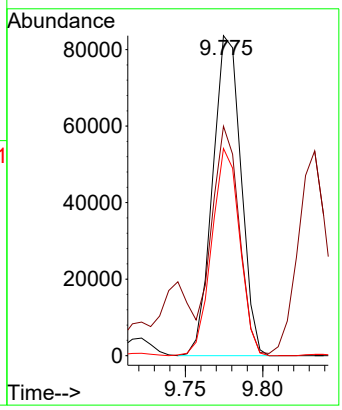
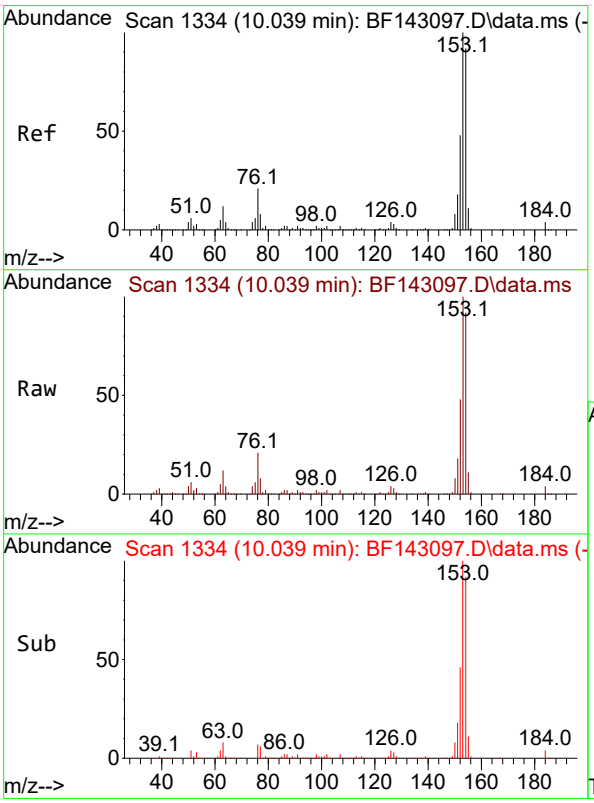
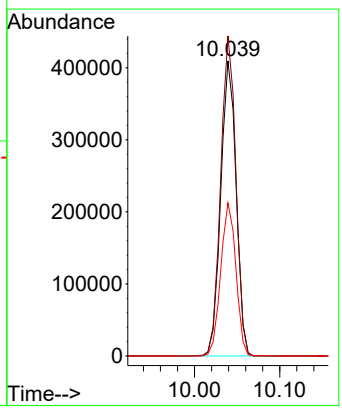


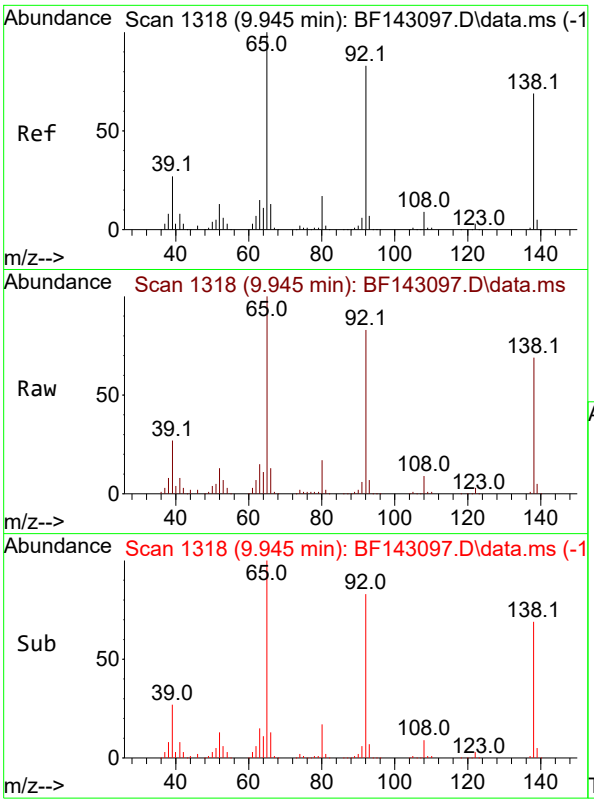


#52
Acenaphthene
Concen: 39.131 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:154 Resp: 513370

Ion	Ratio	Lower	Upper
154	100		
153	108.4	86.7	130.1
152	51.8	41.4	62.2





#53
3-Nitroaniline
Concen: 42.301 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:138 Resp: 13095

Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.1	15.1
92	120.5	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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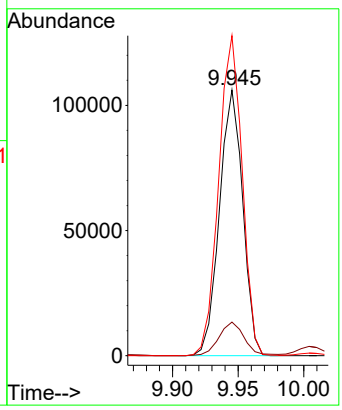
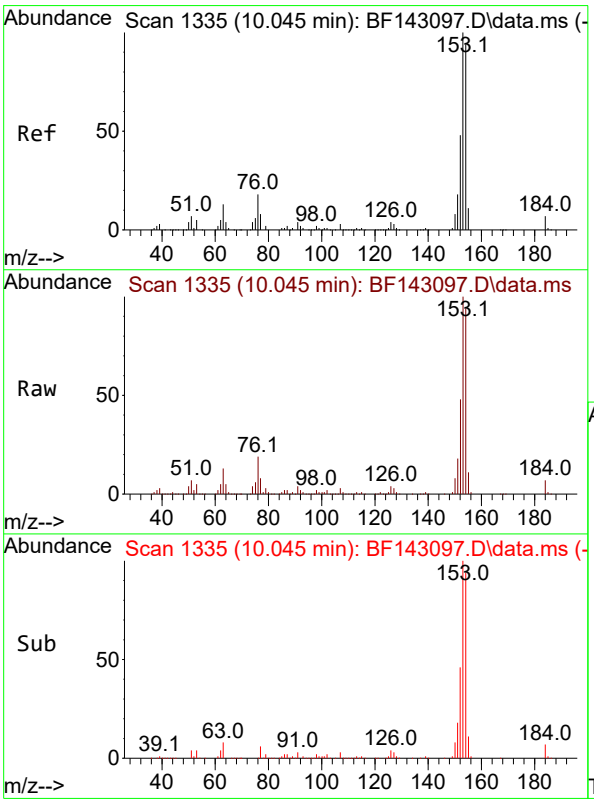
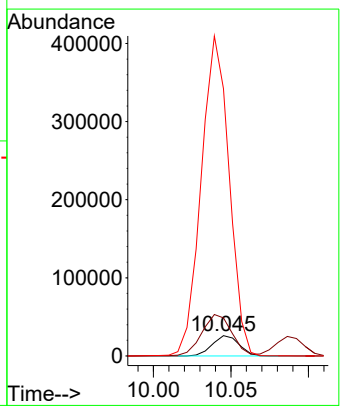


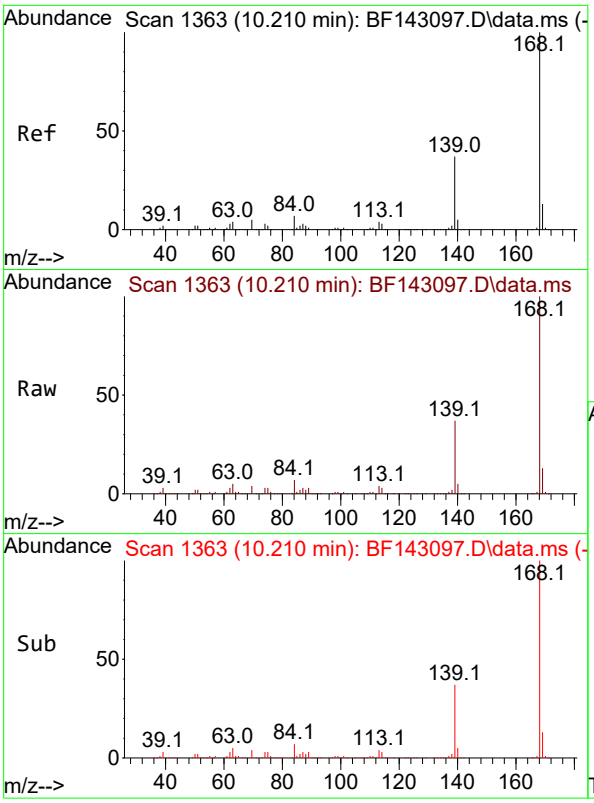


#54
2,4-Dinitrophenol
Concen: 37.582 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:184 Resp: 31236

Ion	Ratio	Lower	Upper
184	100		
63	186.6	149.3	223.9
154	1310.0	1048.0	1572.0





#55
Dibenzofuran
Concen: 39.524 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 77286

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.5	10.8	16.2

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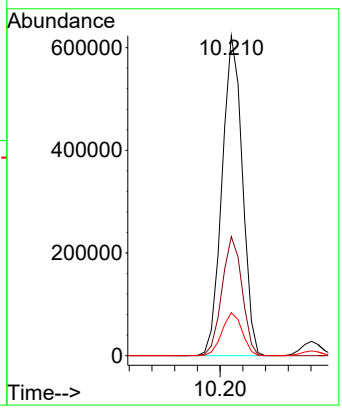
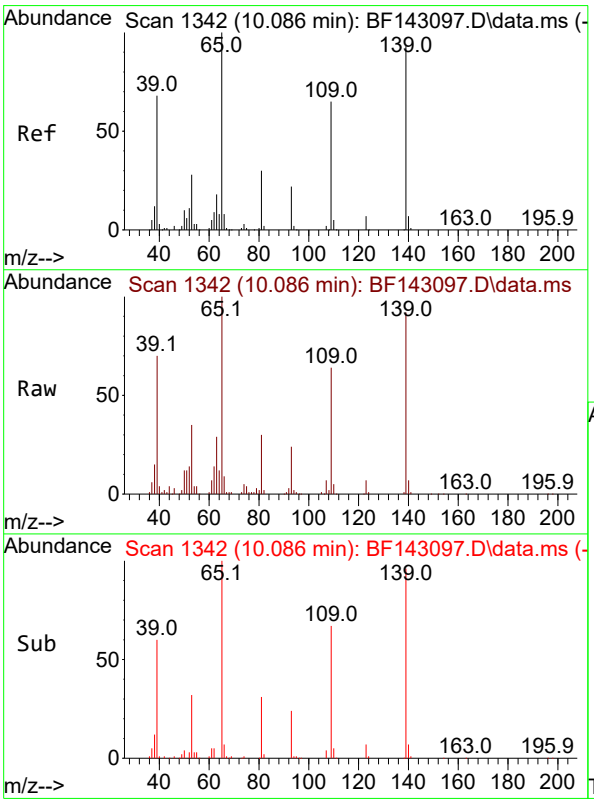
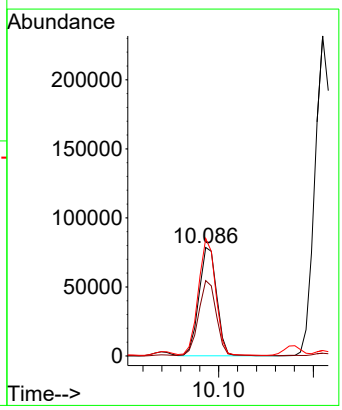


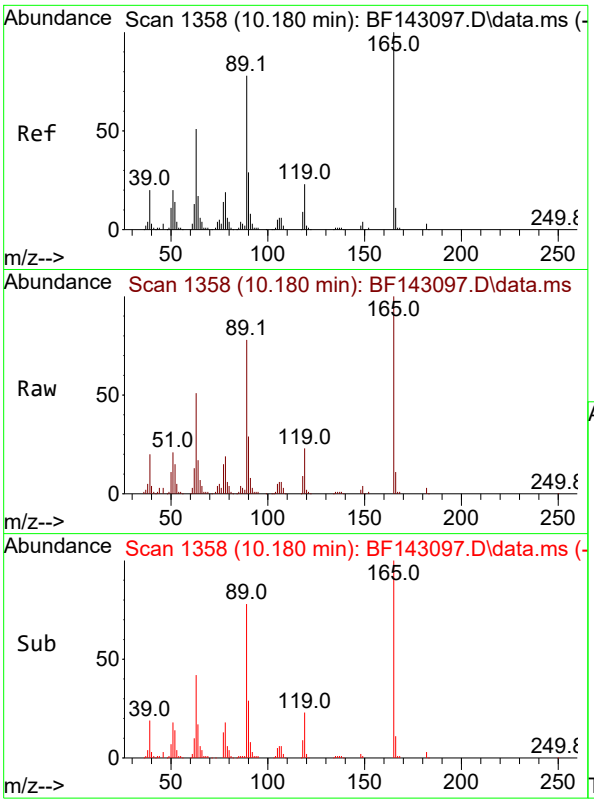


#56
4-Nitrophenol
Concen: 41.436 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:139 Resp: 101948

Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.4	89.4
65	108.2	88.2	128.2

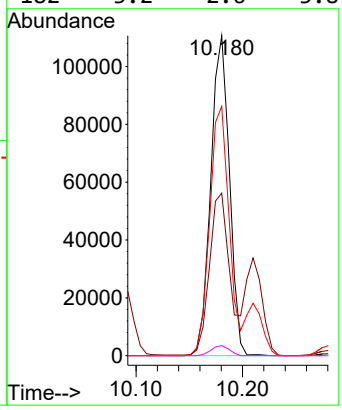




#57
2,4-Dinitrotoluene
Concen: 38.682 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:165 Resp: 13424

Ion	Ratio	Lower	Upper
165	100		
63	50.8	40.6	61.0
89	77.9	62.3	93.5
182	3.2	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
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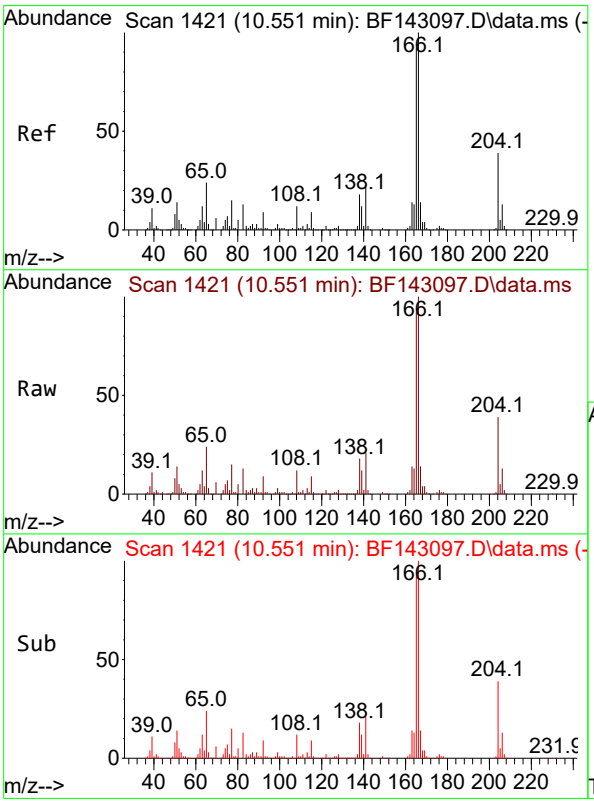
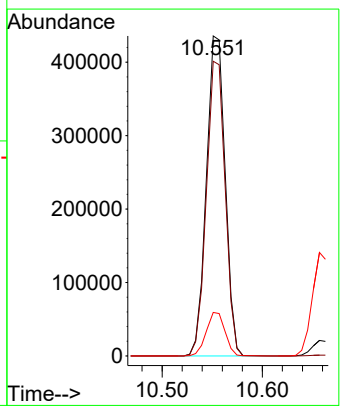
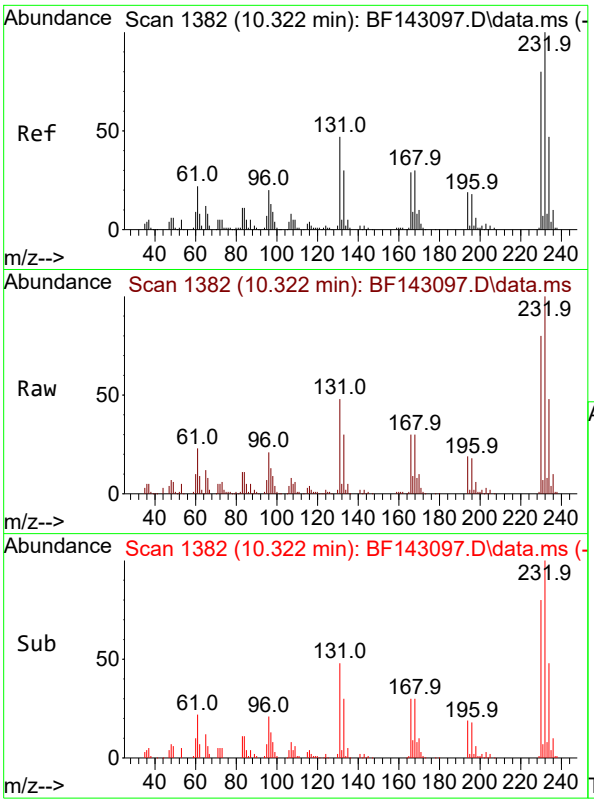


#58
Fluorene
Concen: 38.710 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:166 Resp: 567511

Ion	Ratio	Lower	Upper
166	100		
165	92.1	73.7	110.5
167	13.6	10.9	16.3

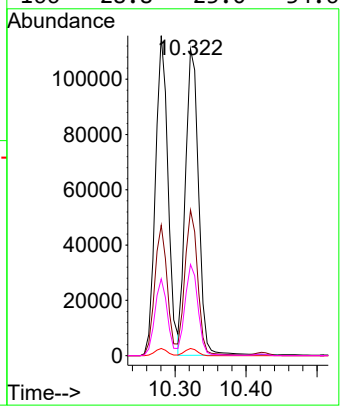




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.334 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:232 Resp: 14202

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.9	55.3
130	2.3	1.8	2.8
166	28.8	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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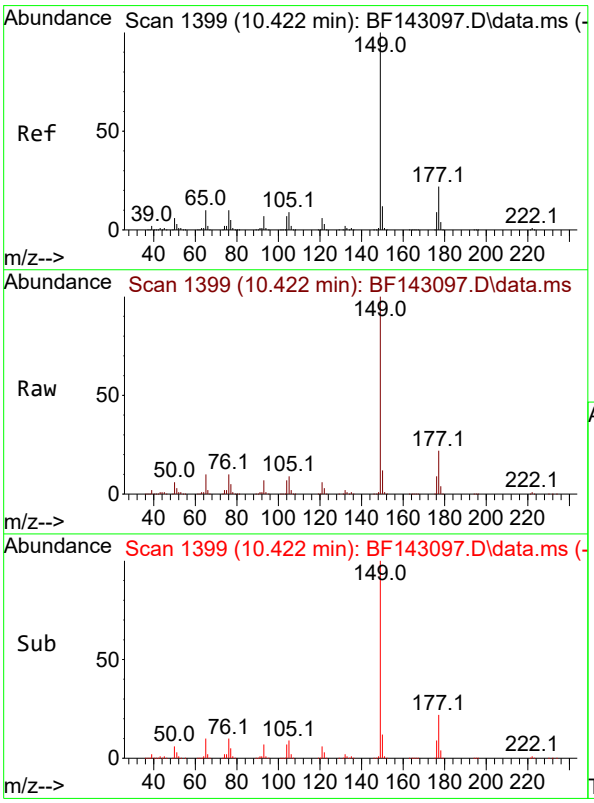
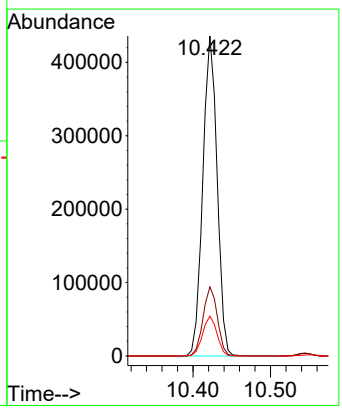
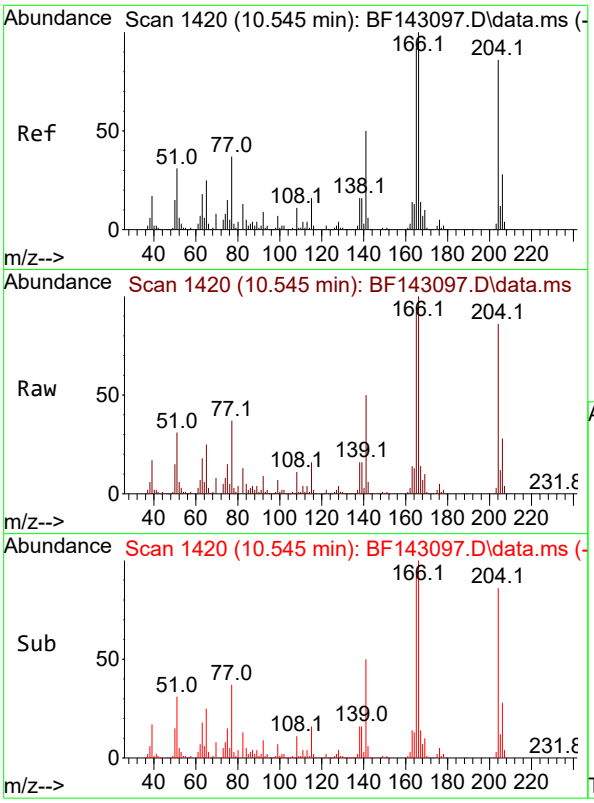


#60
Diethylphthalate
Concen: 40.349 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:149 Resp: 557712

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.4	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.822 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:204 Resp: 27981

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	58.5	46.8	70.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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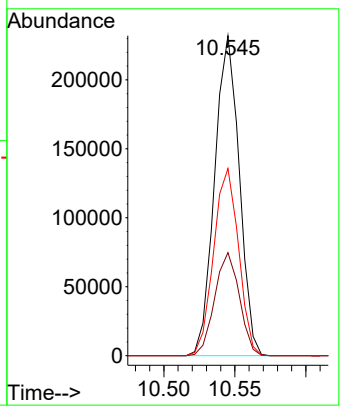
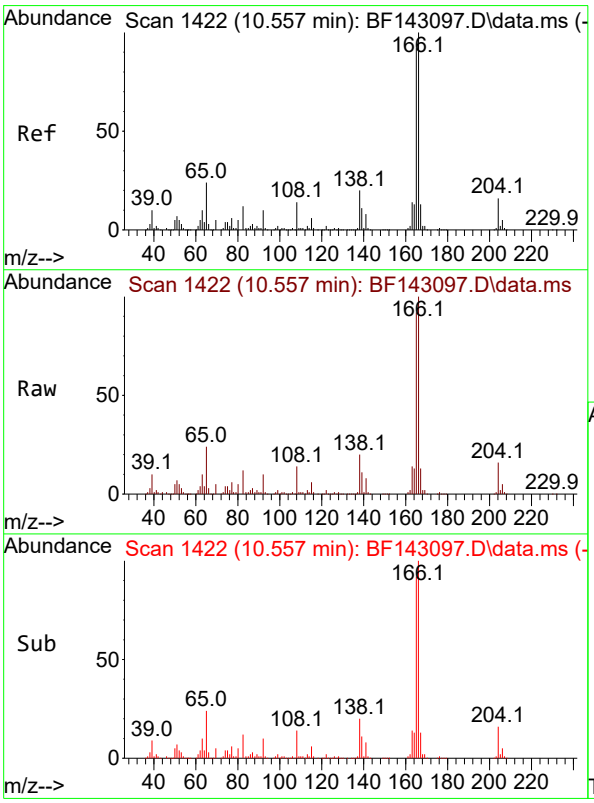
Supervised By :Jagrut Upadhyay 07/16/2025

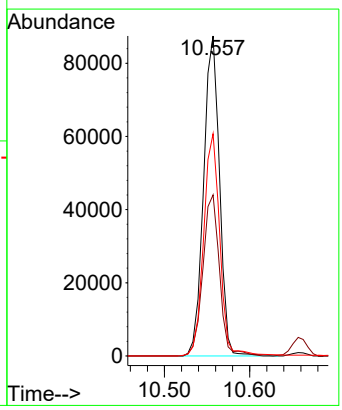


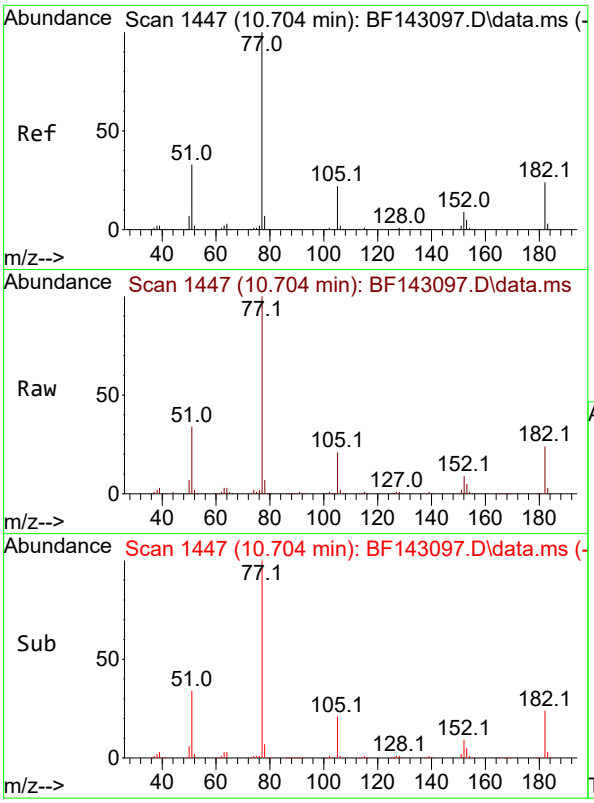


#62
4-Nitroaniline
Concen: 42.106 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:138 Resp: 113355

Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.4	70.4
108	69.5	49.5	89.5

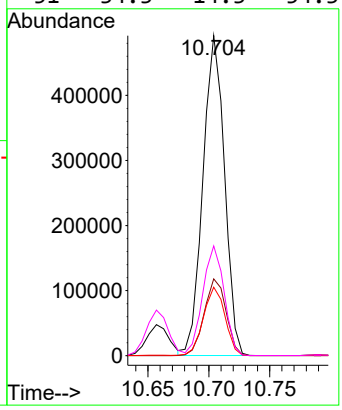




#63
Azobenzene
Concen: 39.558 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion: 77 Resp: 60471

Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.0	44.0
105	21.4	1.4	41.4
51	34.3	14.3	54.3



Instrument :
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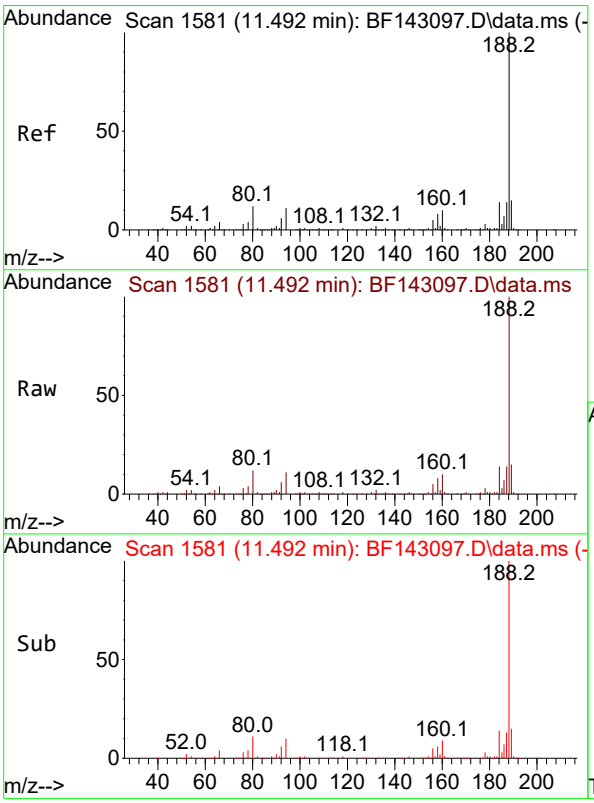
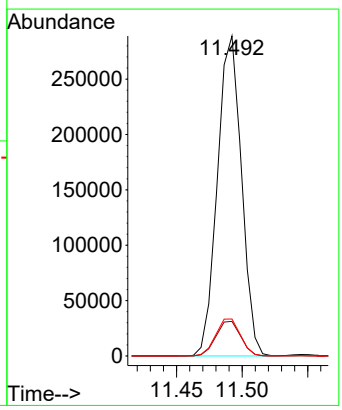
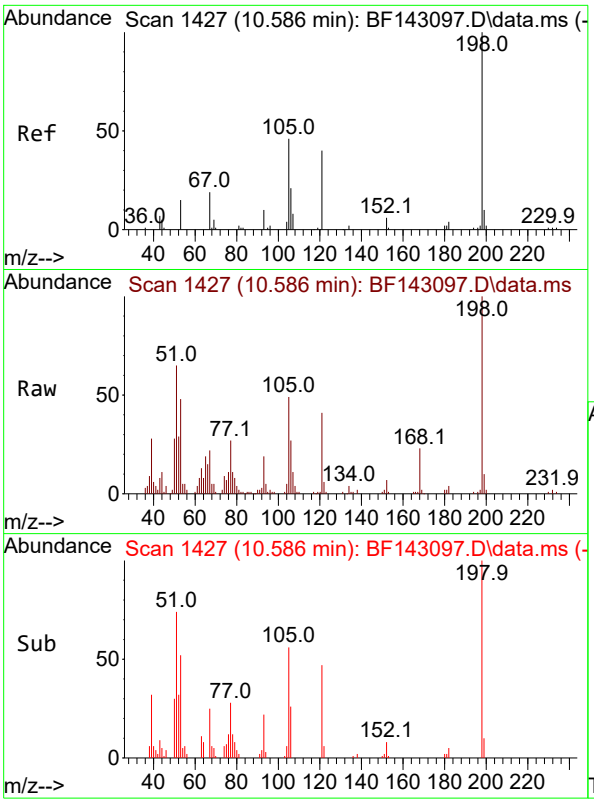


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:188 Resp: 369241

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.6	9.3	13.9

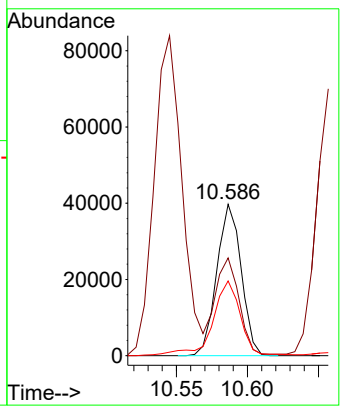




#65
4,6-Dinitro-2-methylphenol
Concen: 37.223 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:198 Resp: 4734

Ion	Ratio	Lower	Upper
198	100		
51	64.6	44.6	84.6
105	49.3	29.3	69.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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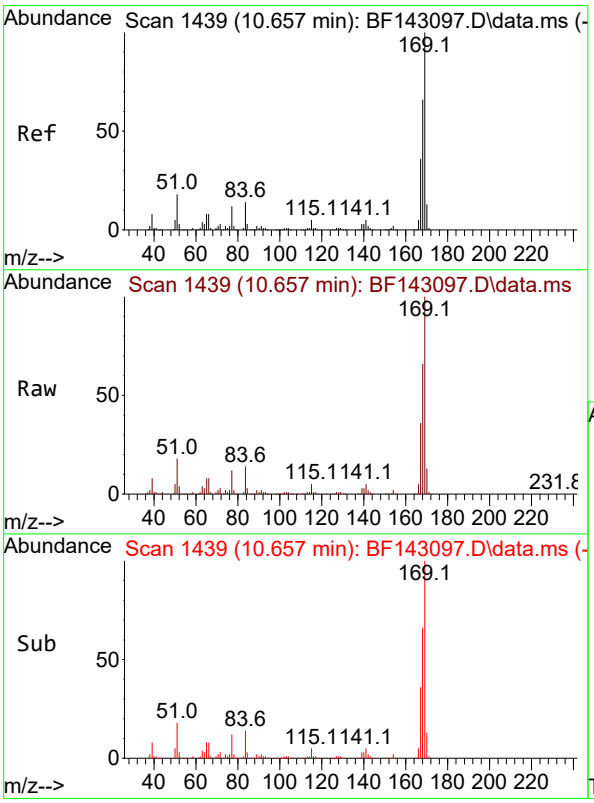
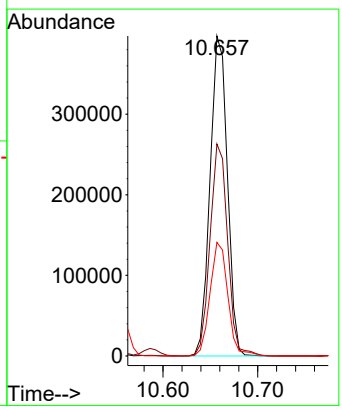
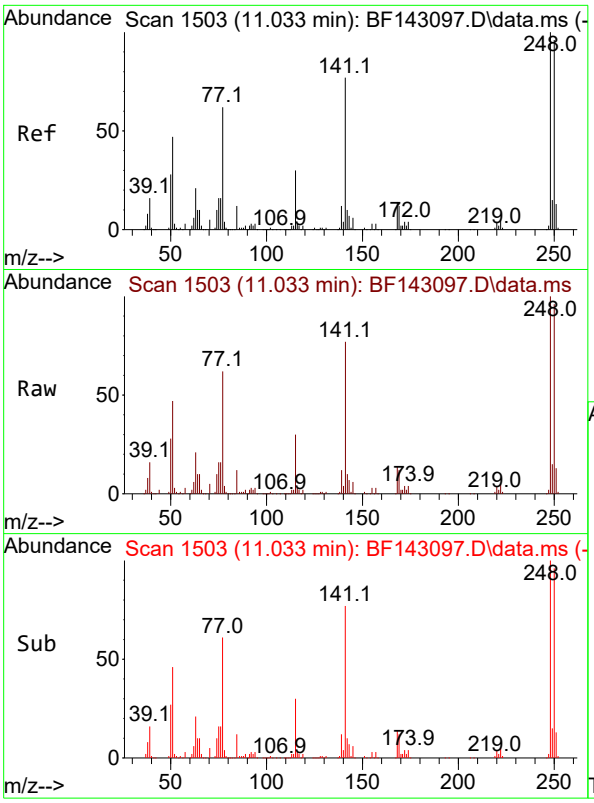


#66
n-Nitrosodiphenylamine
Concen: 38.827 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:169 Resp: 503590

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	35.5	28.4	42.6

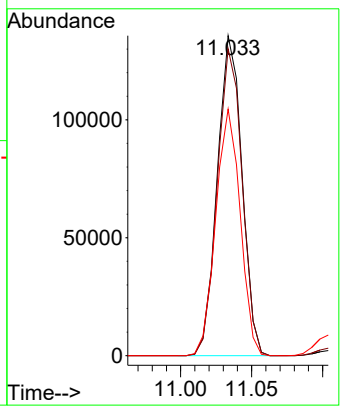




#67
4-Bromophenyl-phenylether
Concen: 39.088 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:248 Resp: 16413

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.7	115.1
141	77.1	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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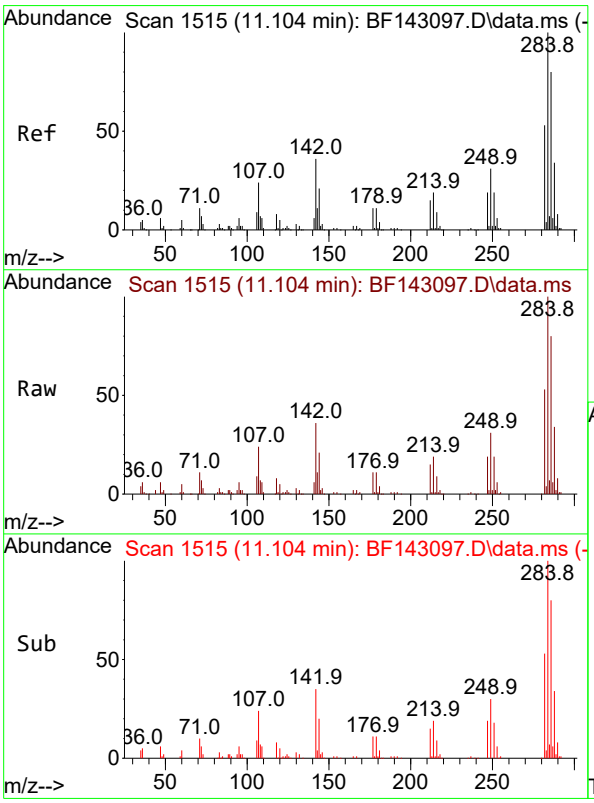
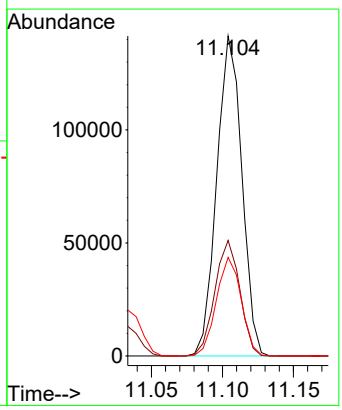
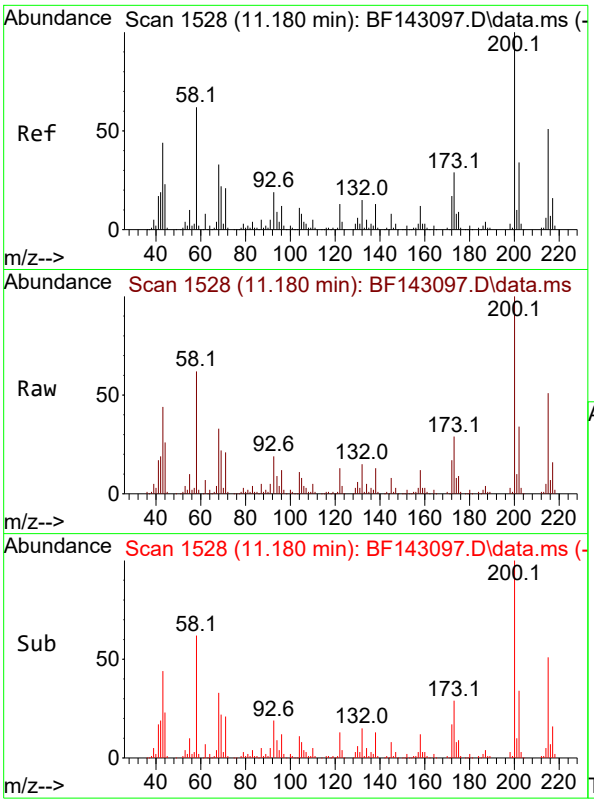


#68
Hexachlorobenzene
Concen: 39.034 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:284 Resp: 173911

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.9	43.3
249	30.8	24.6	37.0

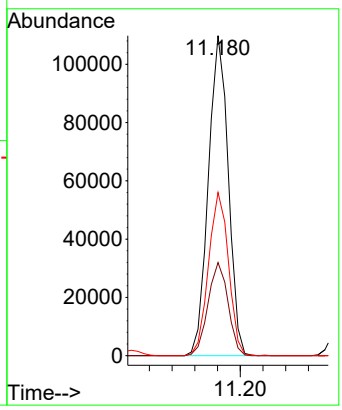




#69
Atrazine
Concen: 40.206 ng
RT: 11.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:200 Resp: 13341

Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.1	49.1
215	51.0	31.0	71.0



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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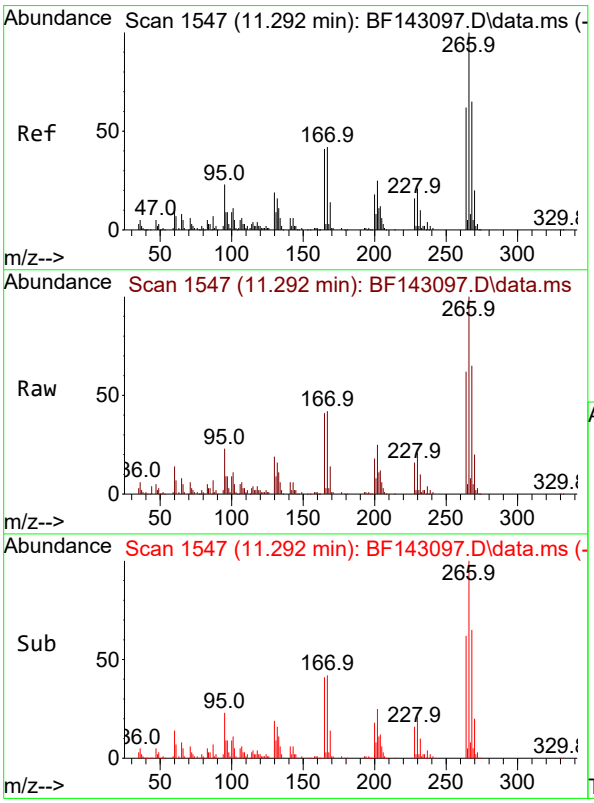
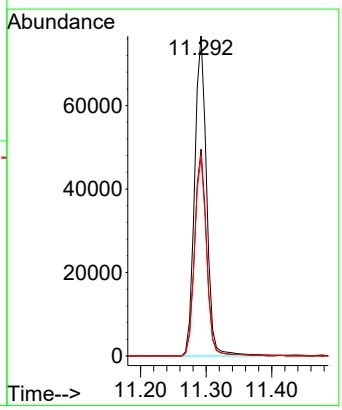
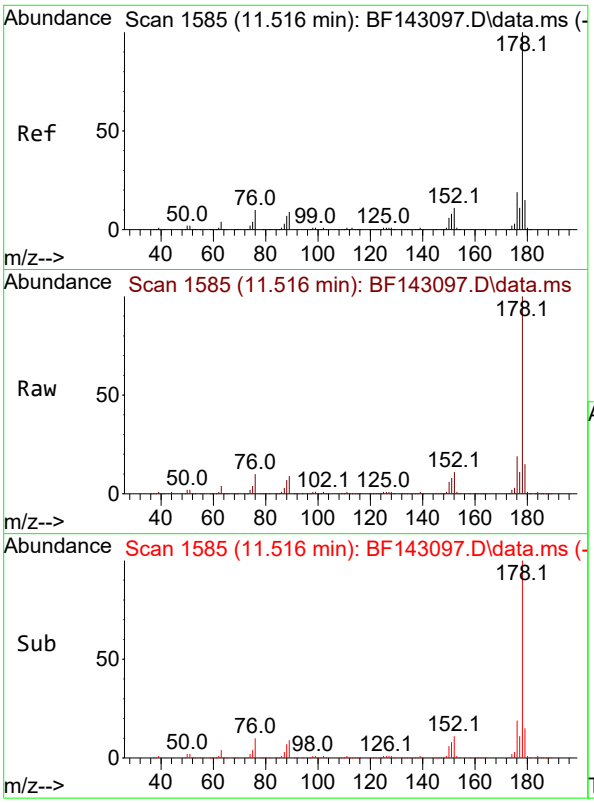


#70
Pentachlorophenol
Concen: 39.938 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:266 Resp: 97625

Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.8	77.6
264	62.1	49.7	74.5

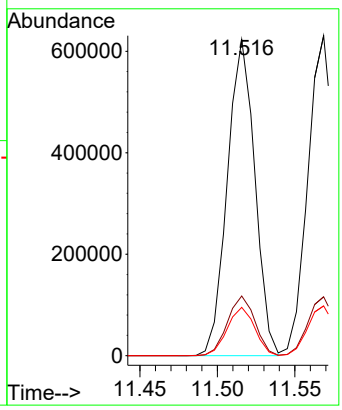




#71
Phenanthrene
Concen: 38.609 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:178 Resp: 76937

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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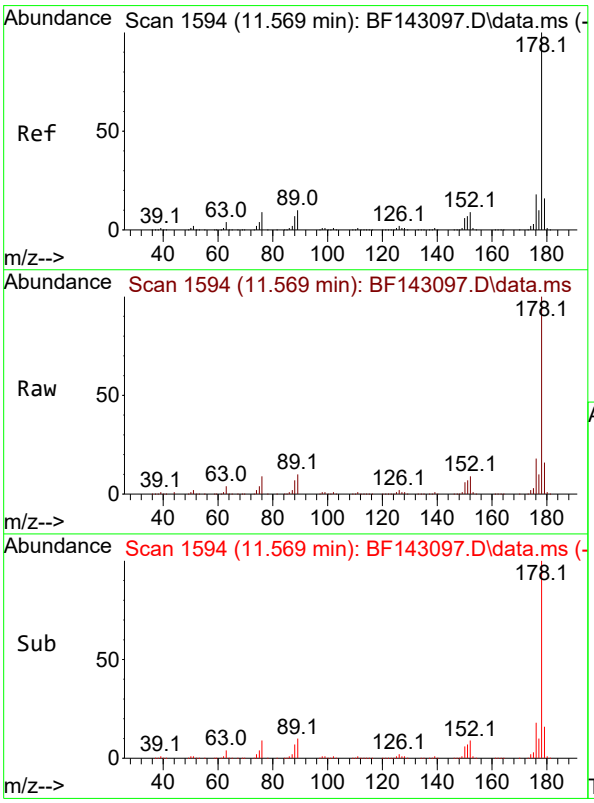
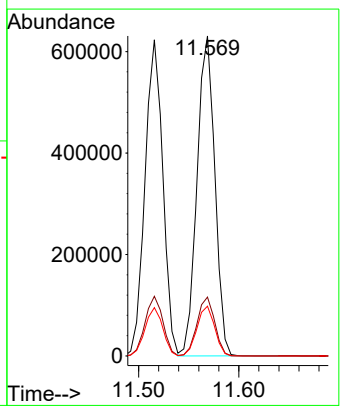
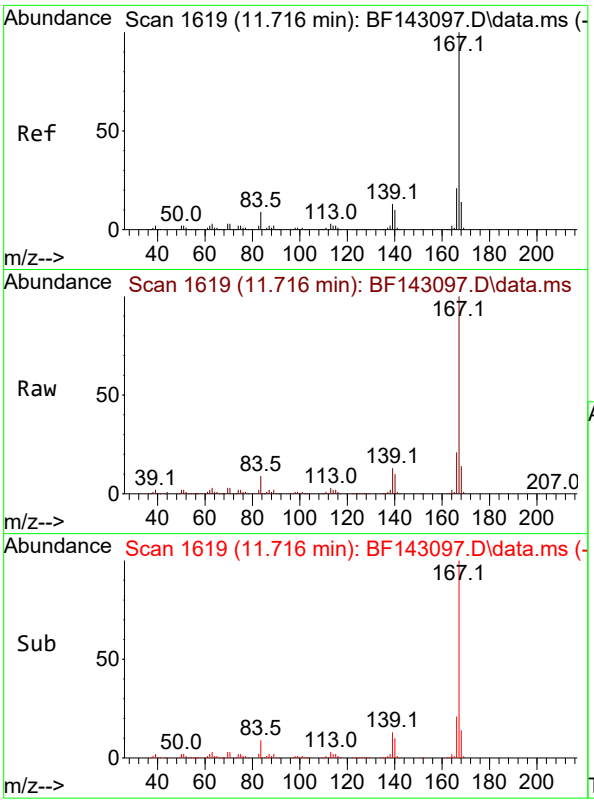


#72
Anthracene
Concen: 38.961 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:178 Resp: 780754

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.4	18.6

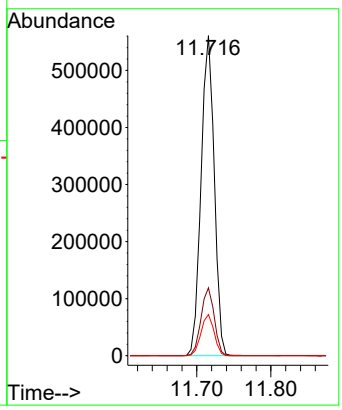




#73
Carbazole
Concen: 38.572 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:167 Resp: 69246

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.8	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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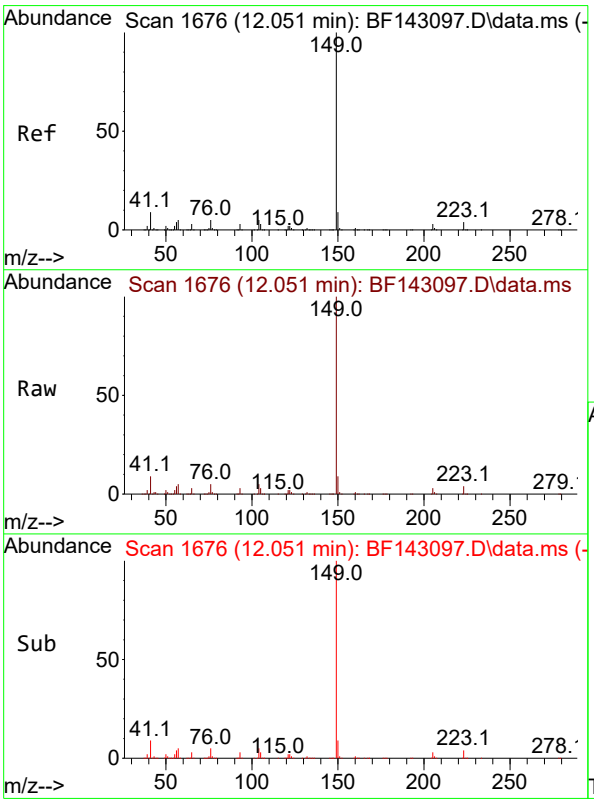
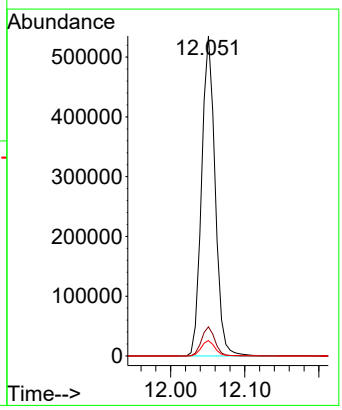
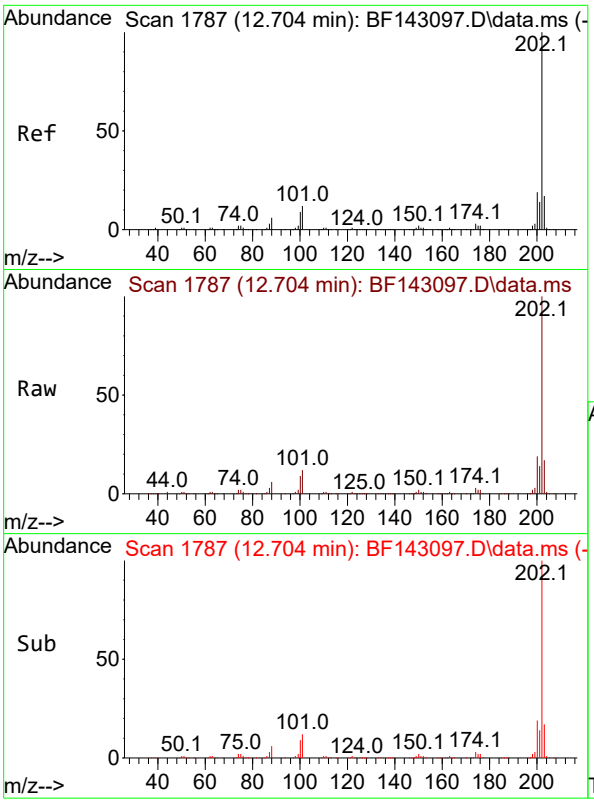


#74
Di-n-butylphthalate
Concen: 41.288 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:149 Resp: 680394

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	3.8	5.8

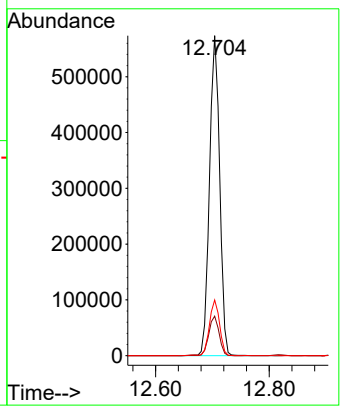




#75
Fluoranthene
Concen: 39.115 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:202 Resp: 70873

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	17.4	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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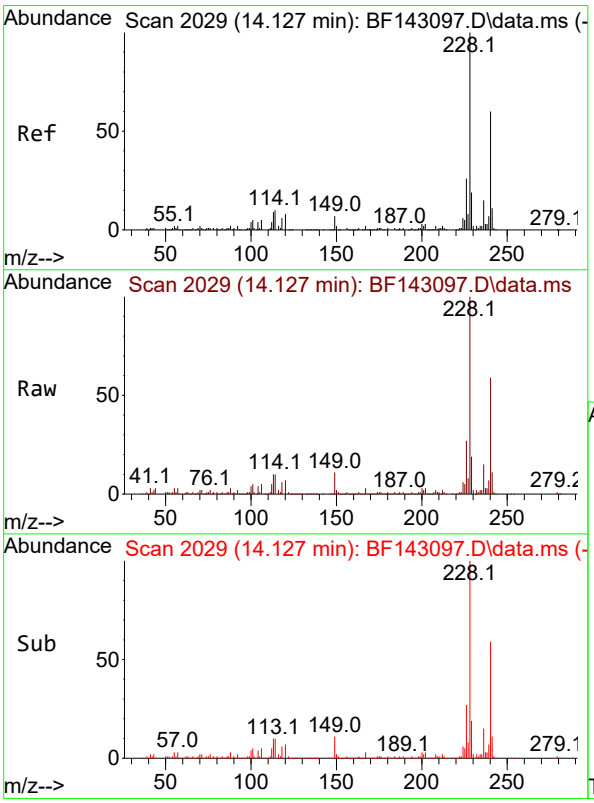
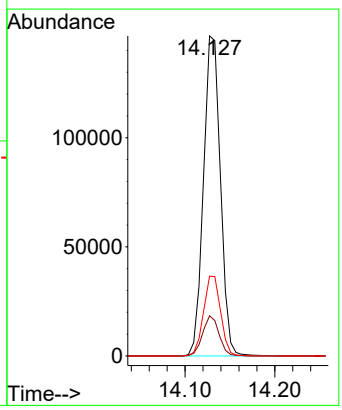
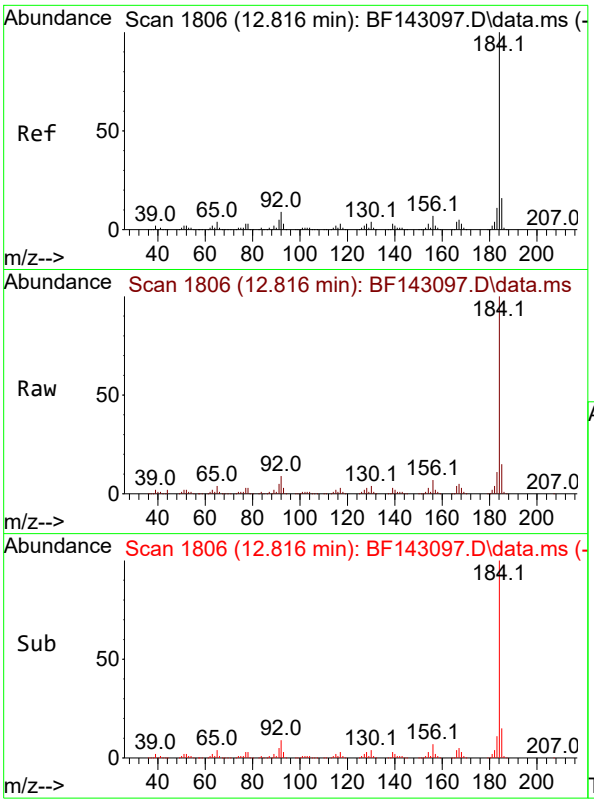


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:240 Resp: 192349

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.0	20.0	30.0





#77
Benzidine
Concen: 48.989 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:184 Resp: 32102

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.4	18.6
183	10.7	8.6	12.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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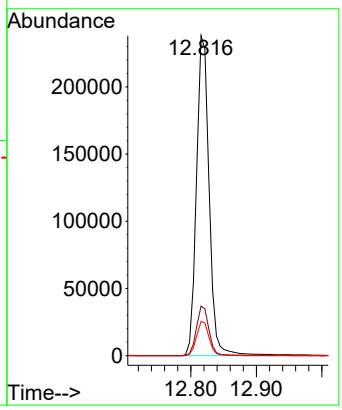
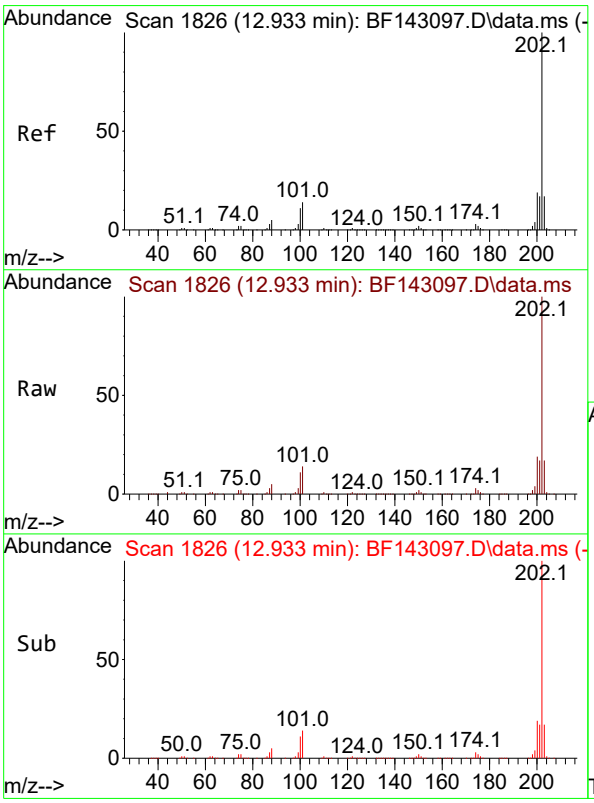
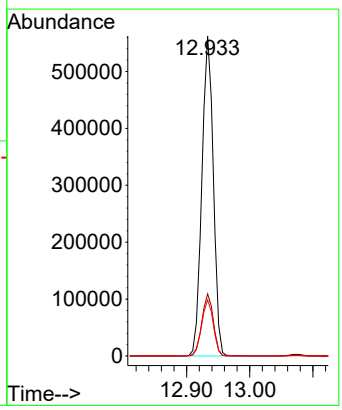


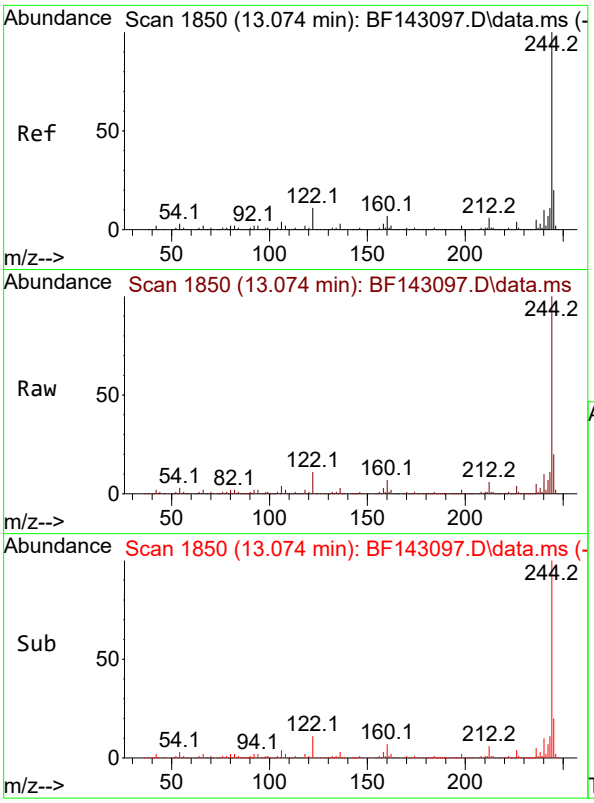


#78
Pyrene
Concen: 39.706 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:202 Resp: 708631

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	17.5	14.0	21.0

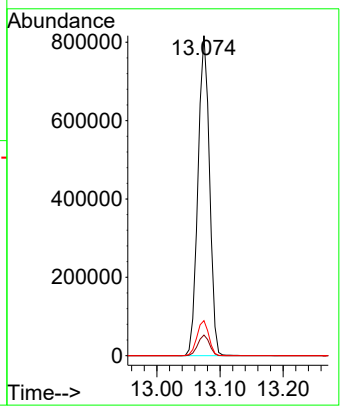




#79
Terphenyl-d14
Concen: 78.547 ng
RT: 13.074 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:244 Resp: 103354

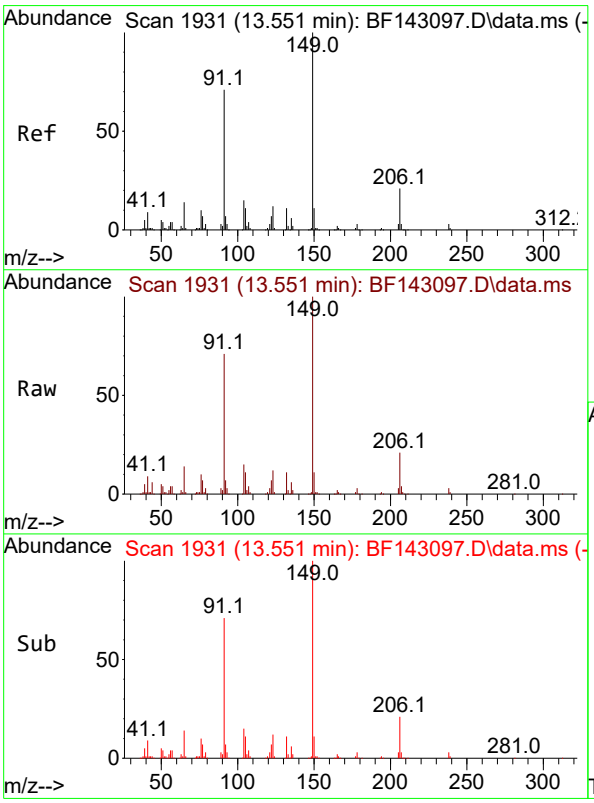
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

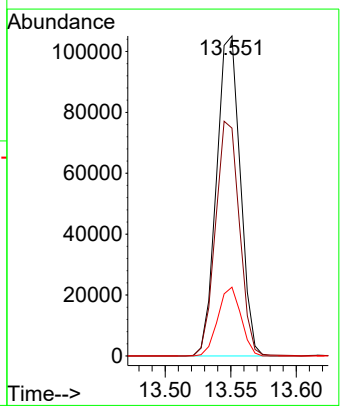
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

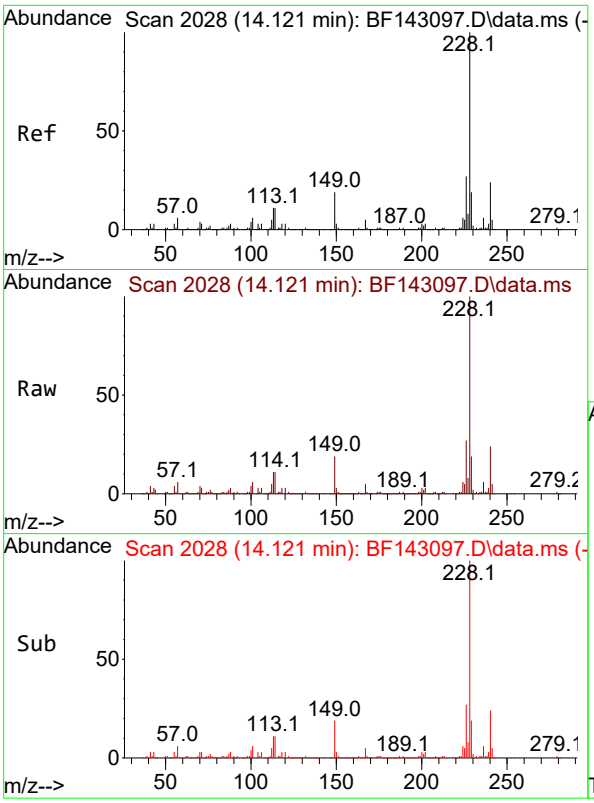


#80
Butylbenzylphthalate
Concen: 37.625 ng
RT: 13.551 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:149 Resp: 132061

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.0	85.4
206	21.5	17.2	25.8

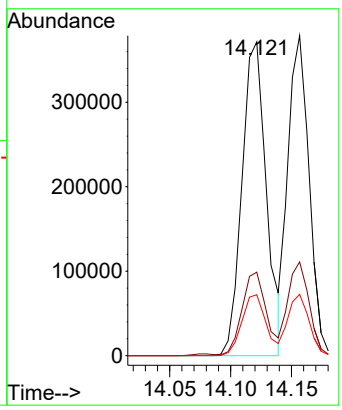




#81
Benzo(a)anthracene
Concen: 40.424 ng
RT: 14.121 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:228 Resp: 51813

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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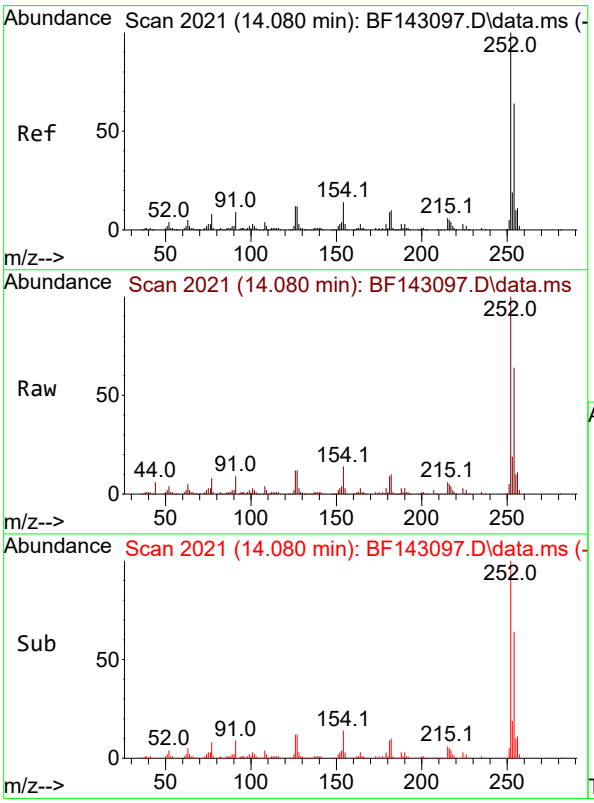
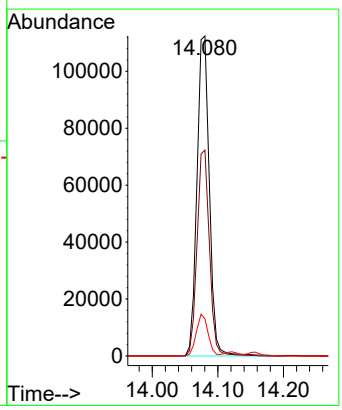
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

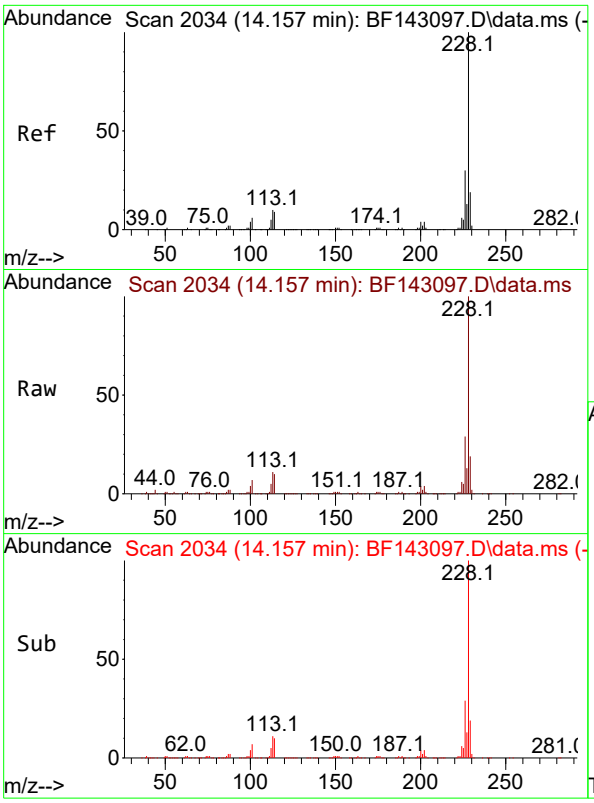


#82
3,3'-Dichlorobenzidine
Concen: 39.841 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:252 Resp: 148294

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	11.7	9.4	14.0

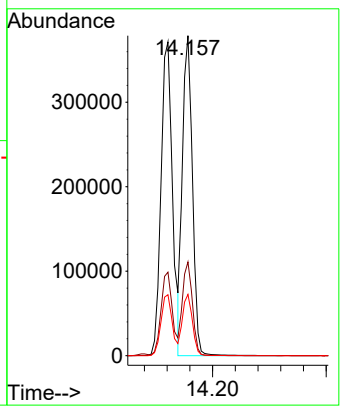




#83
Chrysene
Concen: 39.134 ng
RT: 14.157 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:228 Resp: 461979

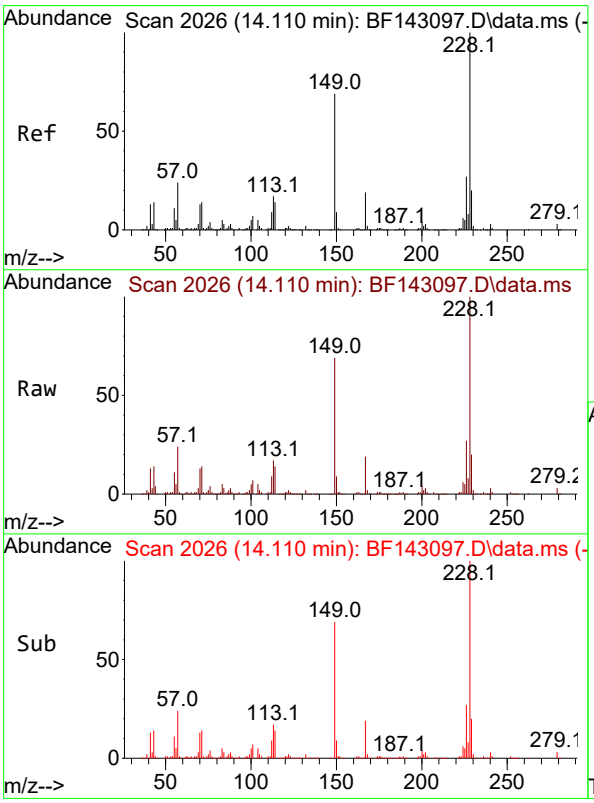
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.1	15.3	22.9



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

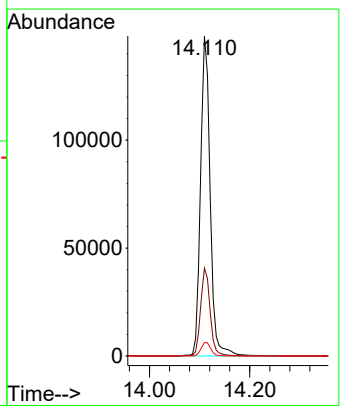
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

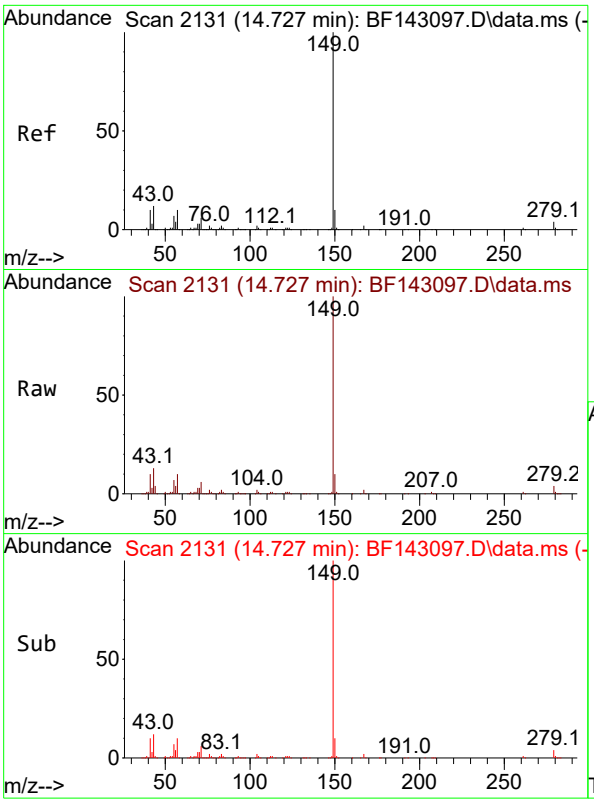


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.454 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:149 Resp: 198176

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.2	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 36.531 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

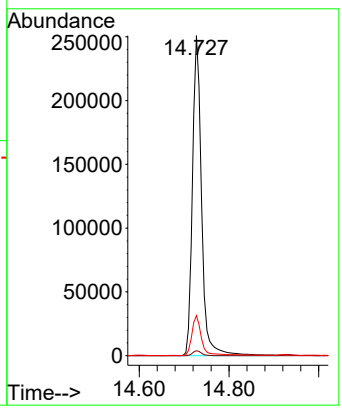
Tgt Ion:149 Resp: 35474

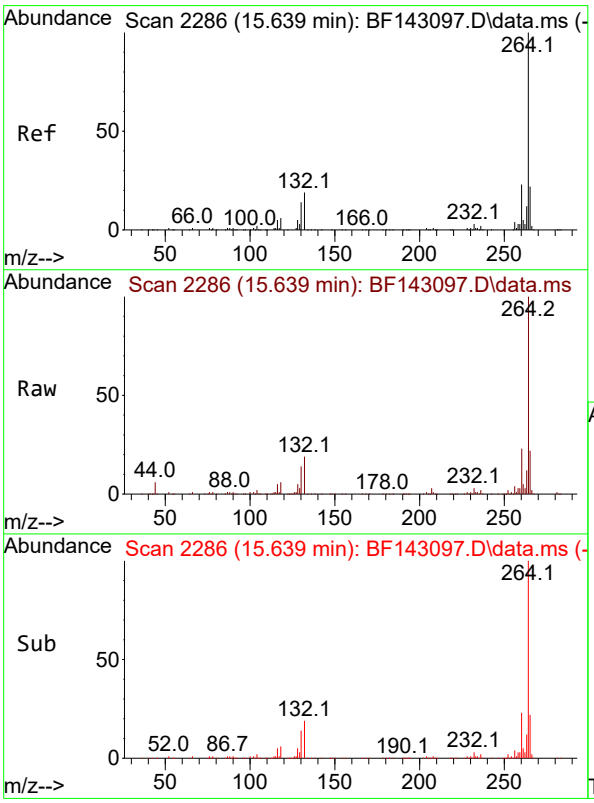
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.3	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

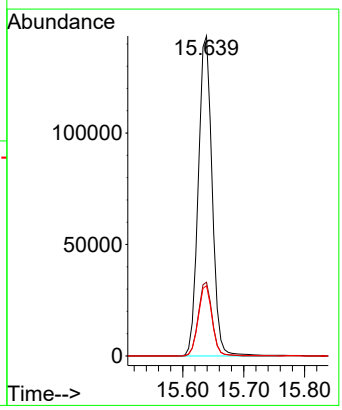


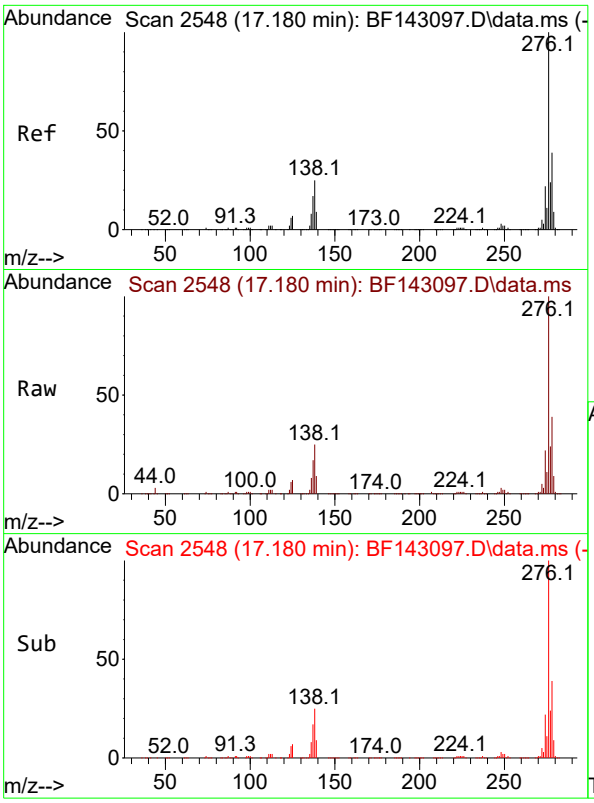


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:264 Resp: 226517

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.9	17.5	26.3

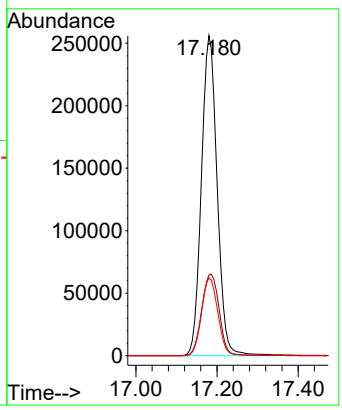




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.912 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:276 Resp: 68927

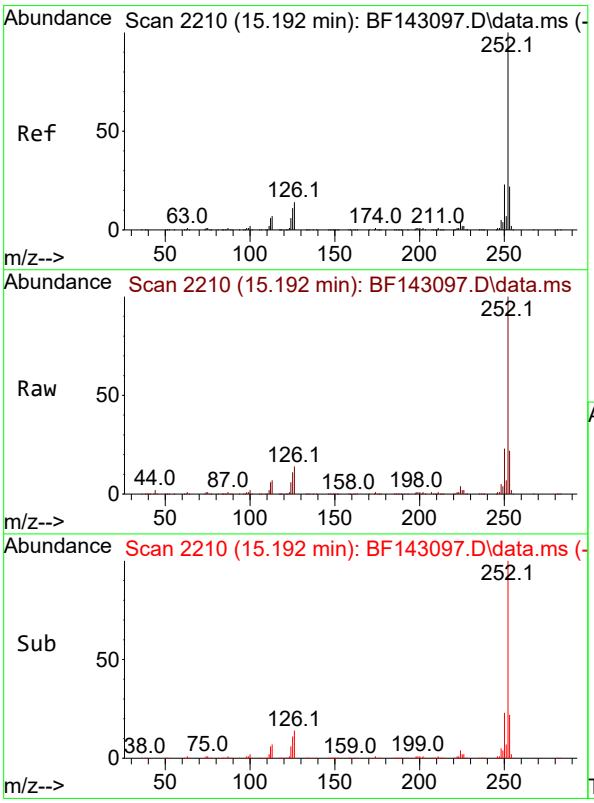
Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	34.0
277	25.2	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

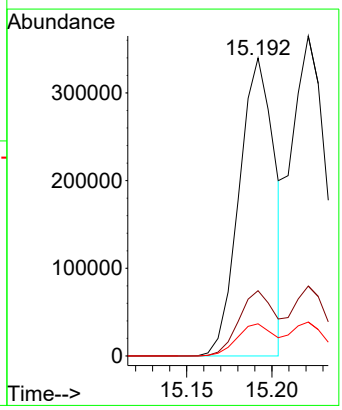
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

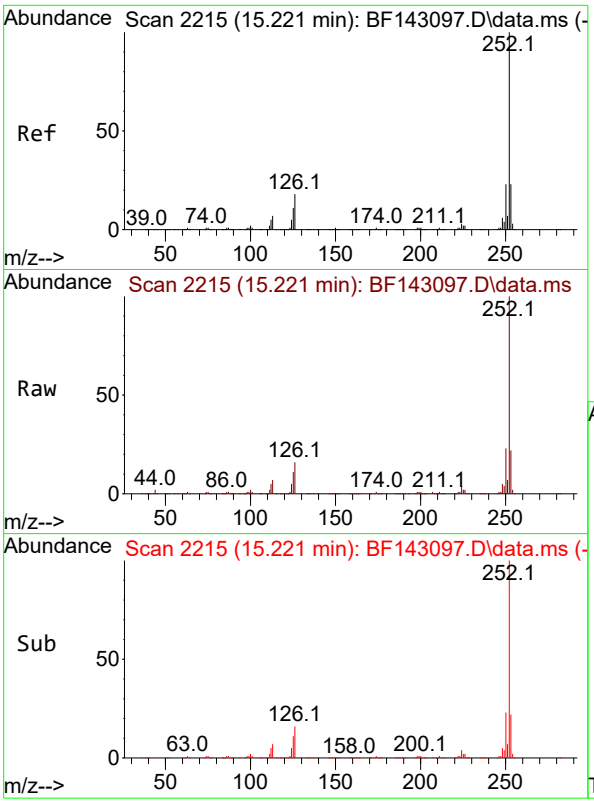


#88
Benzo(b)fluoranthene
Concen: 37.520 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:252 Resp: 490240

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.8	8.6	13.0

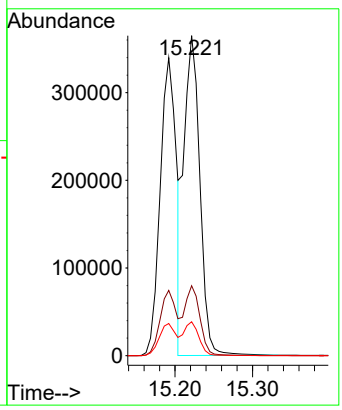




#89
Benzo(k)fluoranthene
Concen: 41.721 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:252 Resp: 52005

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.6	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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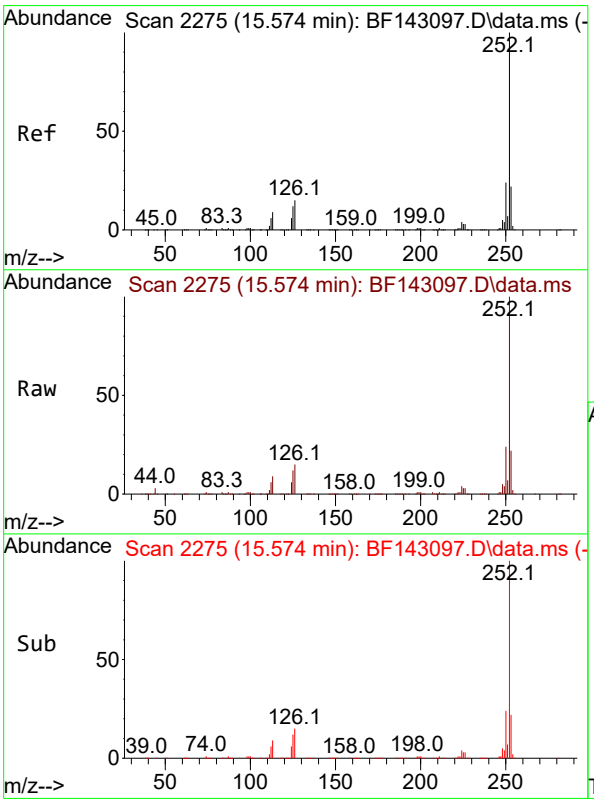
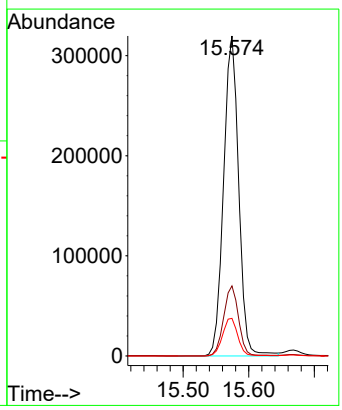
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

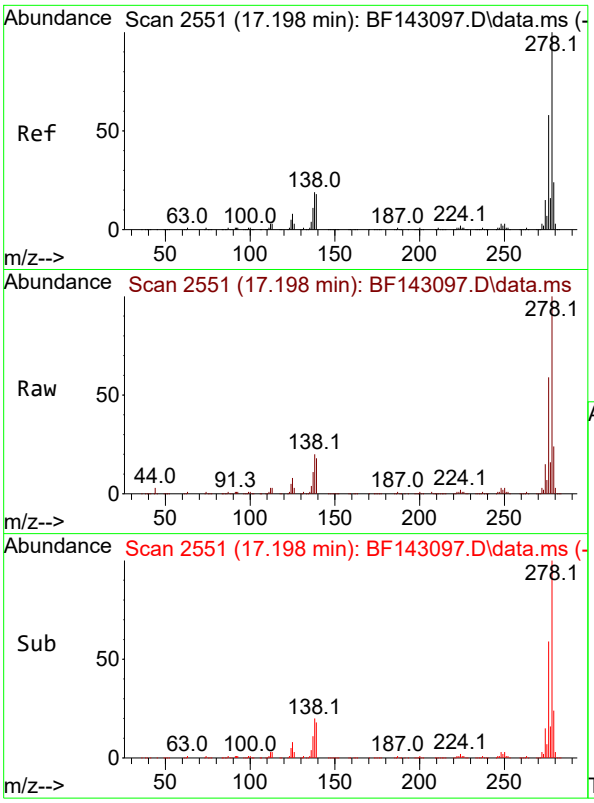


#90
Benzo(a)pyrene
Concen: 41.215 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:252 Resp: 509307

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.7	9.4	14.0

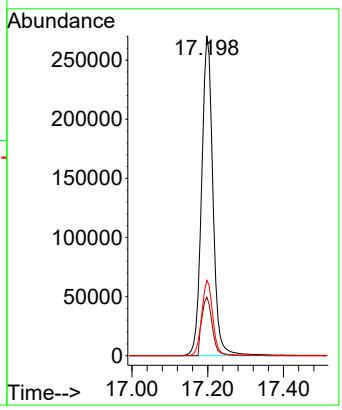




#91
Dibenzo(a,h)anthracene
Concen: 40.782 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:278 Resp: 56166

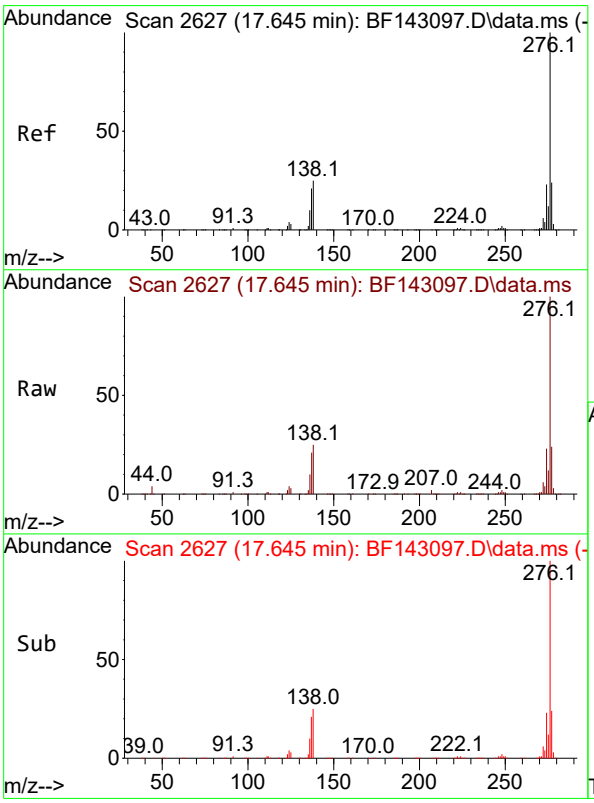
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	22.0
279	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

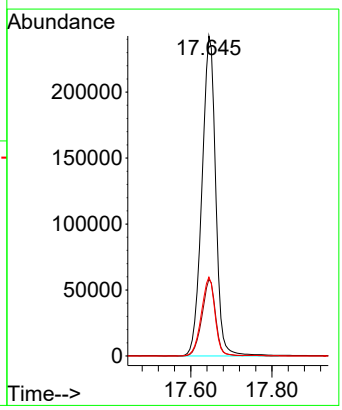
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 40.584 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.000 min
Lab File: BF143097.D
Acq: 15 Jul 2025 15:05

Tgt Ion:276 Resp: 569850

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	24.7	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143098.D
Acq On : 15 Jul 2025 15:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 17:41:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	119035	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	456501	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	223126	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	354075	20.000	ng	0.00
76) Chrysene-d12	14.127	240	183692	20.000	ng	0.00
86) Perylene-d12	15.633	264	221502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	776953	103.124	ng	0.00
7) Phenol-d6	6.587	99	978105	103.280	ng	0.00
23) Nitrobenzene-d5	7.528	82	911721	112.035	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	227678	114.439	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1628659	97.028	ng	0.00
79) Terphenyl-d14	13.075	244	1271626	101.195	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.811	88	196652	52.435	ng	99
3) Pyridine	3.581	79	500208	52.670	ng	99
4) n-Nitrosodimethylamine	3.528	42	261539	53.153	ng	100
6) Aniline	6.628	93	699680	52.465	ng	100
8) 2-Chlorophenol	6.751	128	405741	53.601	ng	100
9) Benzaldehyde	6.516	77	431994	59.864	ng	98
10) Phenol	6.598	94	529842m	51.680	ng	
11) bis(2-Chloroethyl)ether	6.698	93	408091	51.417	ng	98
12) 1,3-Dichlorobenzene	6.910	146	437876	51.203	ng	99
13) 1,4-Dichlorobenzene	6.987	146	441012	51.260	ng	100
14) 1,2-Dichlorobenzene	7.140	146	421724	51.401	ng	98
15) Benzyl Alcohol	7.104	79	373560	53.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	748892	51.187	ng	100
17) 2-Methylphenol	7.210	107	342357	52.409	ng	99
18) Hexachloroethane	7.487	117	148761	53.114	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	302685	52.169	ng	99
20) 3+4-Methylphenols	7.363	107	422794	52.776	ng	93
22) Acetophenone	7.375	105	549763	49.959	ng	97
24) Nitrobenzene	7.545	77	439273	55.918	ng	100
25) Isophorone	7.787	82	819274	52.088	ng	100
26) 2-Nitrophenol	7.863	139	160386	50.837	ng	99
27) 2,4-Dimethylphenol	7.893	122	379432	51.976	ng	100
28) bis(2-Chloroethoxy)met...	7.993	93	483608	50.704	ng	99
29) 2,4-Dichlorophenol	8.098	162	319968	53.575	ng	99
30) 1,2,4-Trichlorobenzene	8.193	180	345389	50.958	ng	99
31) Naphthalene	8.275	128	1126659	49.700	ng	100
32) Benzoic acid	7.998	122	180966	49.535	ng	98
33) 4-Chloroaniline	8.310	127	467074	51.237	ng	99
34) Hexachlorobutadiene	8.392	225	207797	51.263	ng	98
35) Caprolactam	8.681	113	99144	53.162	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	350906	52.746	ng	98
37) 2-Methylnaphthalene	8.963	142	681726	50.410	ng	99
38) 1-Methylnaphthalene	9.063	142	701548	50.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	335206	51.551	ng	100
41) Hexachlorocyclopentadiene	9.122	237	198811	55.147	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	223131	55.226	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143098.D
Acq On : 15 Jul 2025 15:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 17:41:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	232905	54.977	ng		99
46) 1,1'-Biphenyl	9.428	154	897834	50.458	ng		100
47) 2-Chloronaphthalene	9.451	162	666760	51.007	ng		100
48) 2-Nitroaniline	9.539	65	207291	52.775	ng		98
49) Acenaphthylene	9.869	152	1109586	50.940	ng		99
50) Dimethylphthalate	9.722	163	726121	51.728	ng		100
51) 2,6-Dinitrotoluene	9.781	165	146385	52.497	ng		92
52) Acenaphthene	10.039	154	651291	50.669	ng		100
53) 3-Nitroaniline	9.945	138	177602	58.553	ng		99
54) 2,4-Dinitrophenol	10.051	184	47800	51.931	ng	#	1
55) Dibenzofuran	10.210	168	964545	50.344	ng		100
56) 4-Nitrophenol	10.092	139	133073	55.203	ng		98
57) 2,4-Dinitrotoluene	10.181	165	181610	52.116	ng		99
58) Fluorene	10.557	166	716173	49.859	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189211	56.202	ng		98
60) Diethylphthalate	10.422	149	702995	51.909	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	348876	50.675	ng		99
62) 4-Nitroaniline	10.557	138	150470	57.045	ng		99
63) Azobenzene	10.704	77	770603	51.451	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	70324	51.847	ng		92
66) n-Nitrosodiphenylamine	10.663	169	634539	51.019	ng		100
67) 4-Bromophenyl-phenylether	11.034	248	211371	52.494	ng		99
68) Hexachlorobenzene	11.104	284	221245	51.785	ng		98
69) Atrazine	11.181	200	172972	54.359	ng		98
70) Pentachlorophenol	11.292	266	131545	56.120	ng		99
71) Phenanthrene	11.516	178	963568	50.425	ng		100
72) Anthracene	11.569	178	979118	50.953	ng		99
73) Carbazole	11.716	167	883827	51.340	ng		100
74) Di-n-butylphthalate	12.051	149	870362	55.079	ng		100
75) Fluoranthene	12.704	202	883558	50.852	ng		100
77) Benzidine	12.816	184	309313	49.425	ng		99
78) Pyrene	12.933	202	880826	51.681	ng		99
80) Butylbenzylphthalate	13.545	149	176615	51.324	ng		96
81) Benzo(a)anthracene	14.122	228	644353	52.641	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	196472	55.273	ng		100
83) Chrysene	14.157	228	583302	51.740	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	265225	51.119	ng		99
85) Di-n-octyl phthalate	14.727	149	492840	50.100	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	896872	54.440	ng		100
88) Benzo(b)fluoranthene	15.192	252	718106	56.204	ng		100
89) Benzo(k)fluoranthene	15.221	252	602261	49.410	ng		100
90) Benzo(a)pyrene	15.574	252	662193	54.800	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	736672	54.700	ng		99
92) Benzo(g,h,i)perylene	17.651	276	746789	54.390	ng		98

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143098.D
Acq On : 15 Jul 2025 15:35
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 17:41:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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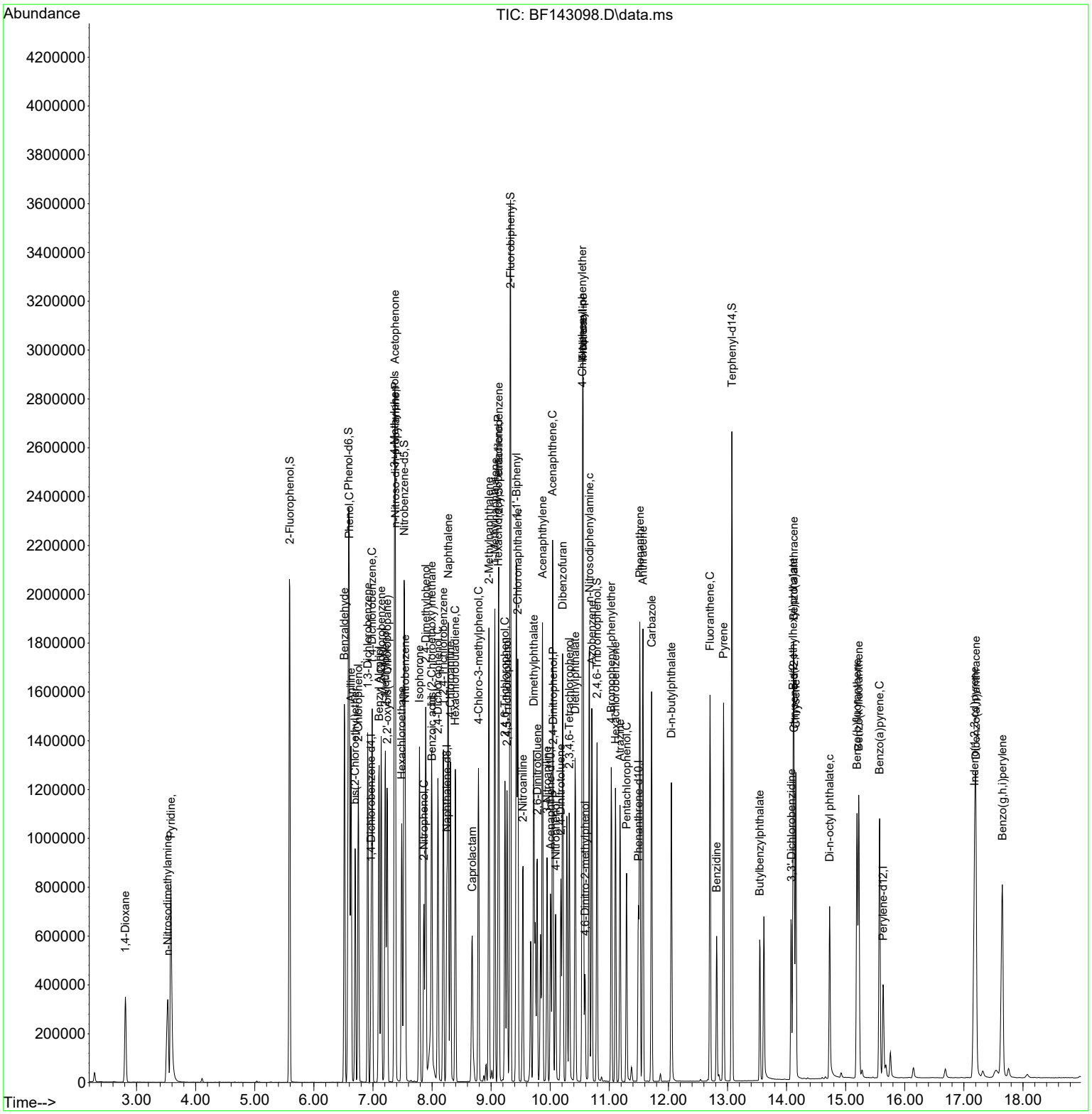
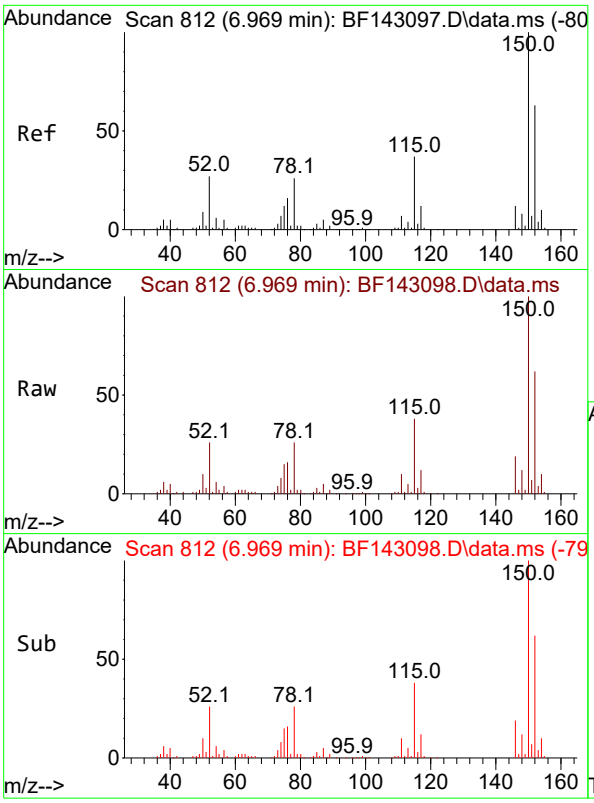
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

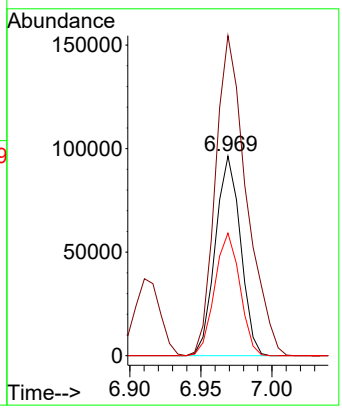




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:152 Resp: 11903

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.5	189.7
115	61.5	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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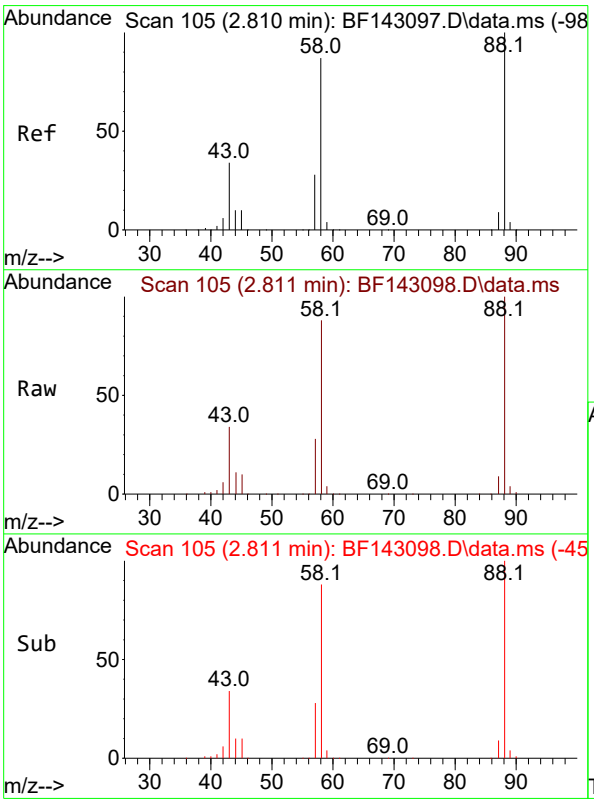
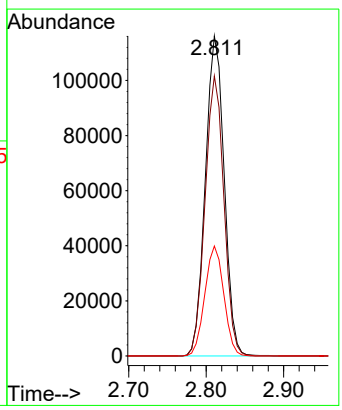
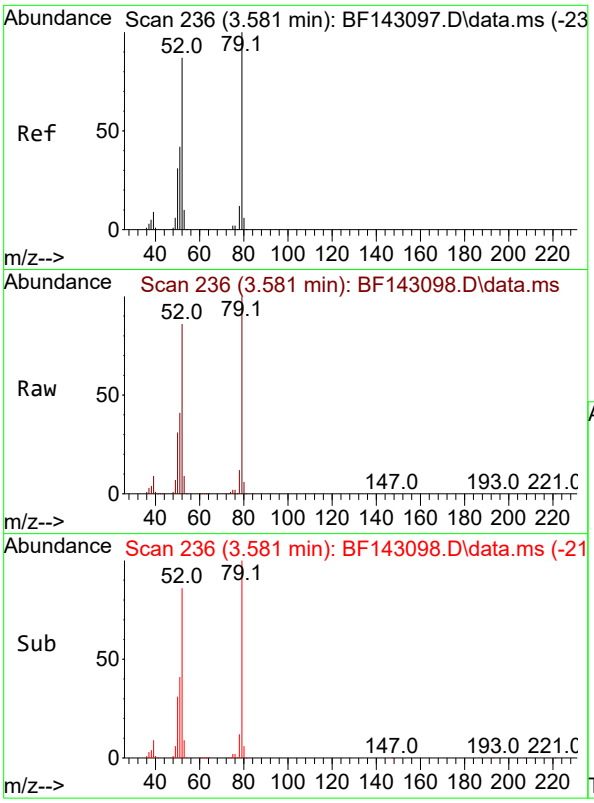


#2
1,4-Dioxane
Concen: 52.435 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 88 Resp: 196652

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.5	105.7
43	34.6	27.3	40.9

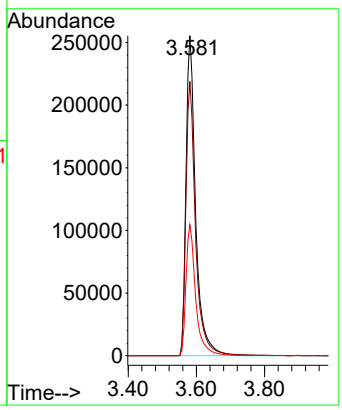




#3
Pyridine
Concen: 52.670 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 79 Resp: 50020

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.2	103.8
51	40.9	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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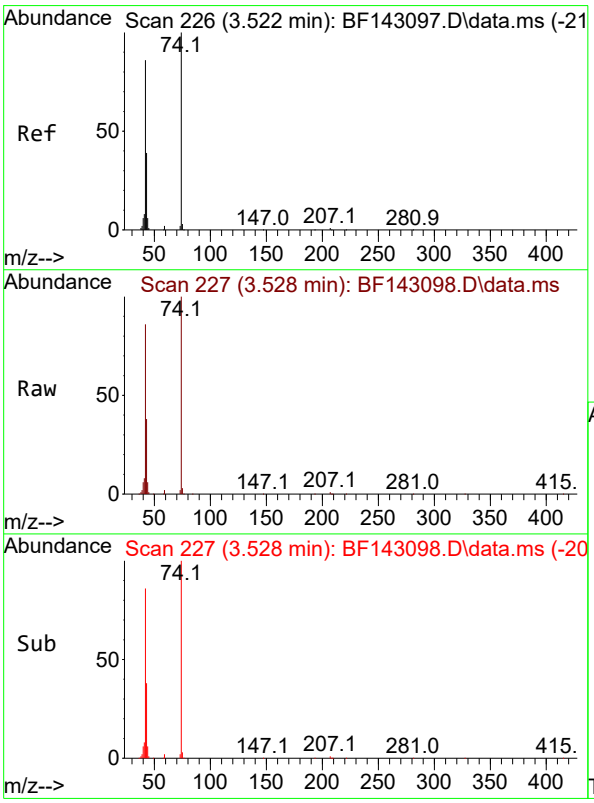
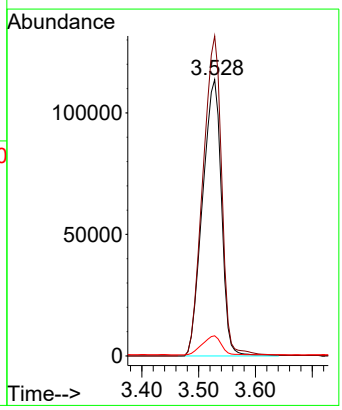
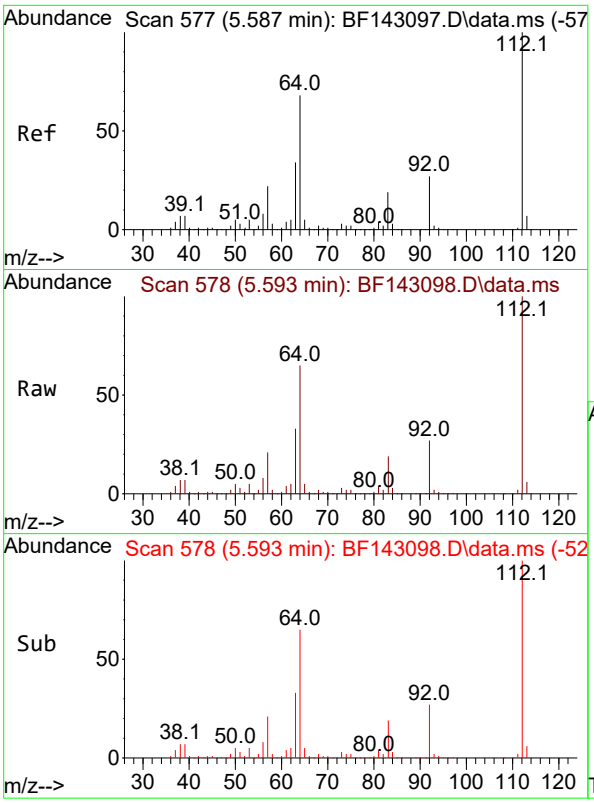


#4
n-Nitrosodimethylamine
Concen: 53.153 ng
RT: 3.528 min Scan# 227
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 42 Resp: 261539

Ion	Ratio	Lower	Upper
42	100		
74	115.8	92.8	139.2
44	7.3	5.8	8.6

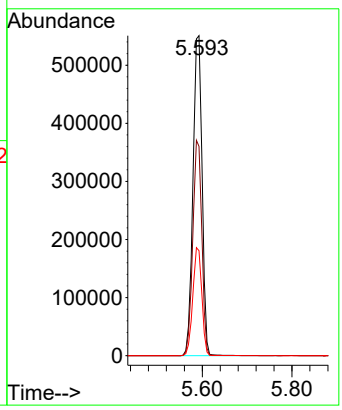




#5
2-Fluorophenol
Concen: 103.124 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:112 Resp: 77695

Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.6	82.0
63	32.8	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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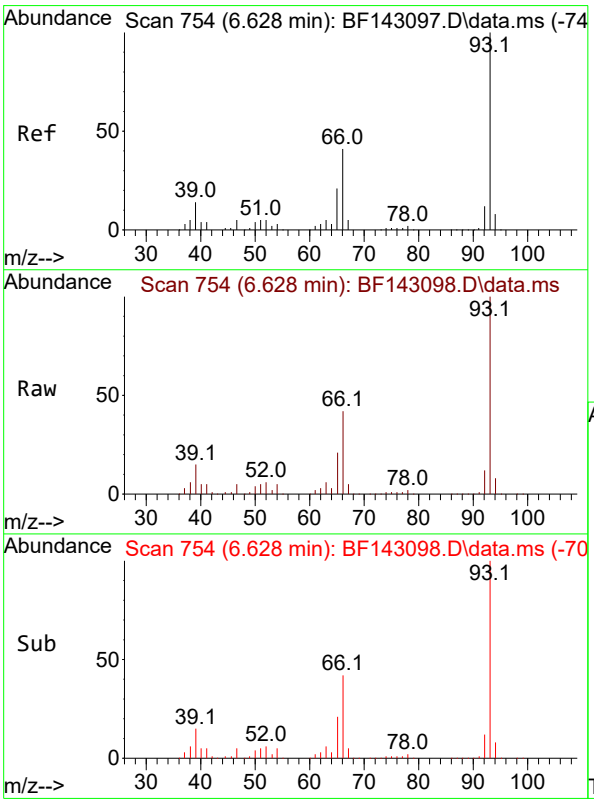
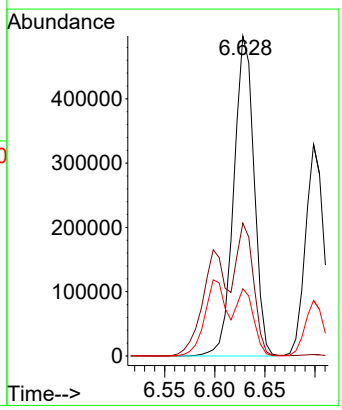
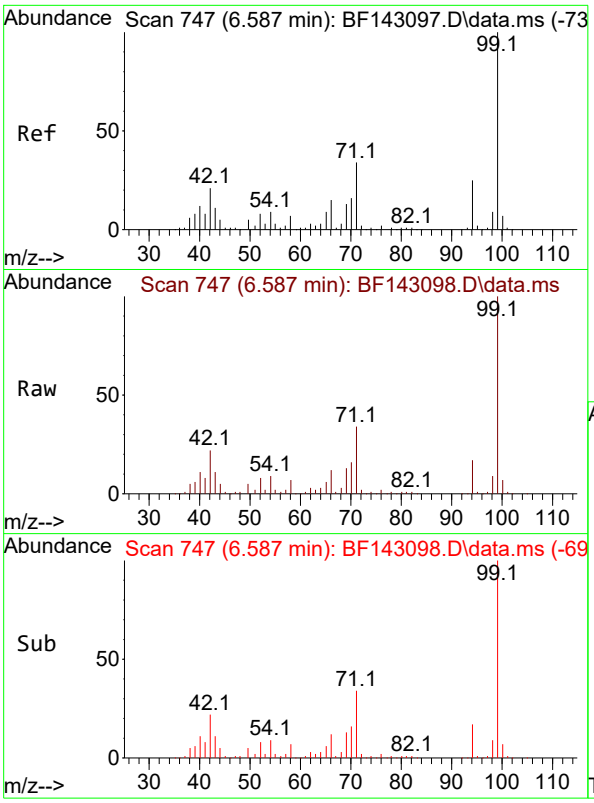


#6
Aniline
Concen: 52.465 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 93 Resp: 699680

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.1	49.7
65	21.0	16.9	25.3





#7
Phenol-d6
Concen: 103.280 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 99 Resp: 97810

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.2	25.8
71	34.4	27.4	41.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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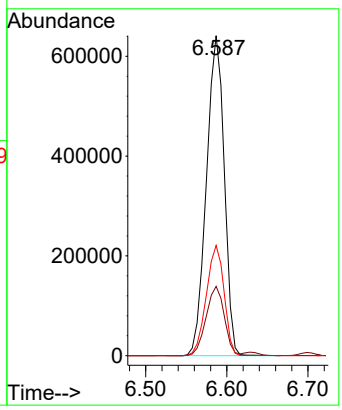
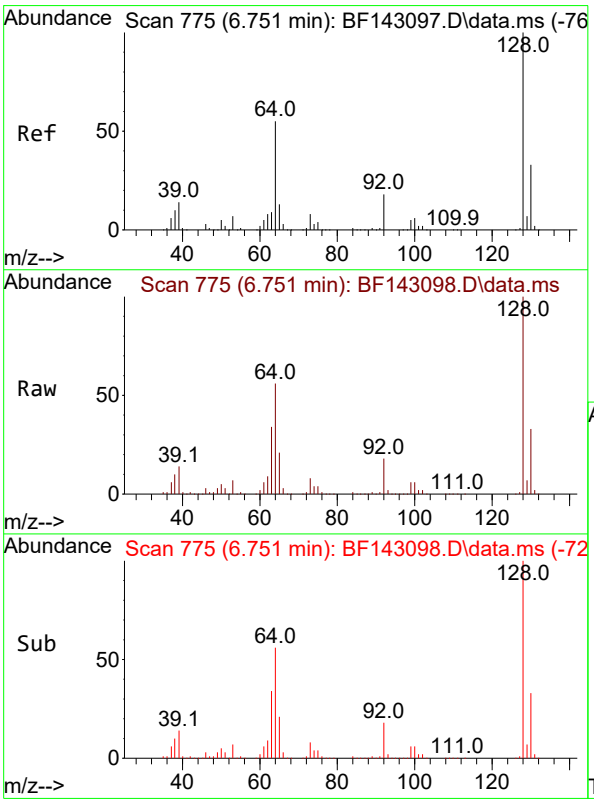
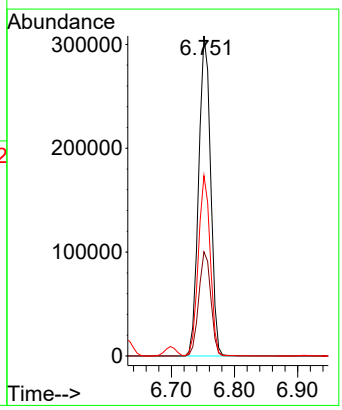


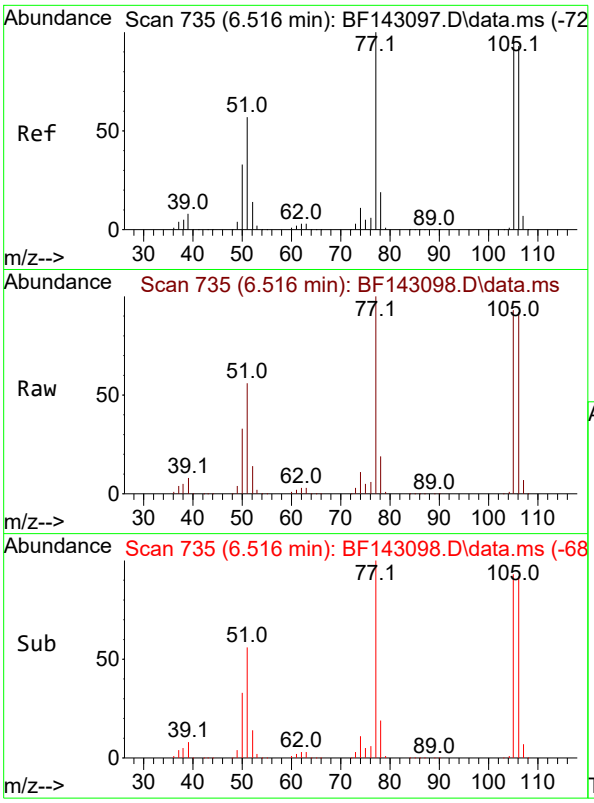


#8
2-Chlorophenol
Concen: 53.601 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:128 Resp: 405741

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	56.3	36.1	76.1

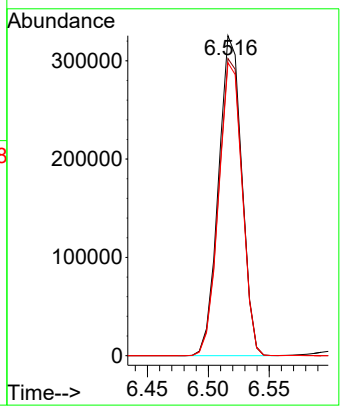




#9
Benzaldehyde
Concen: 59.864 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 77 Resp: 43199

Ion	Ratio	Lower	Upper
77	100		
105	92.9	76.3	116.3
106	91.5	72.8	112.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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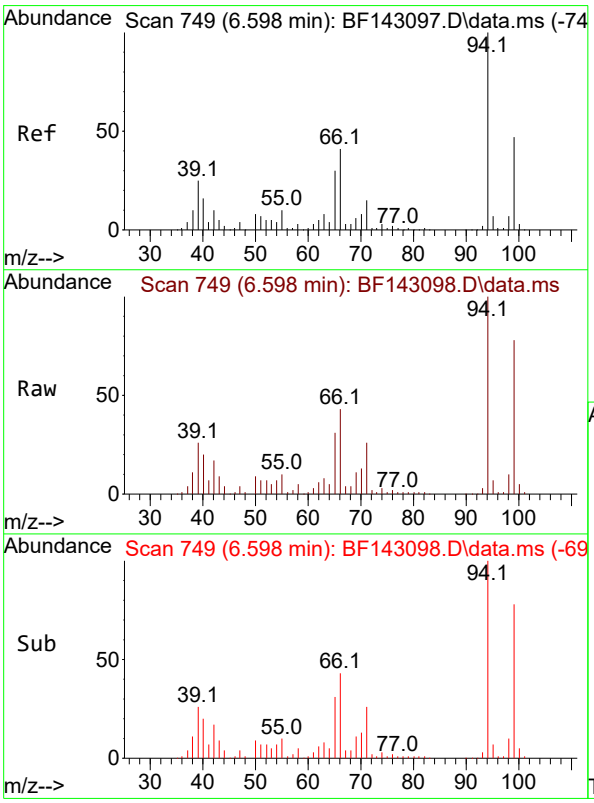
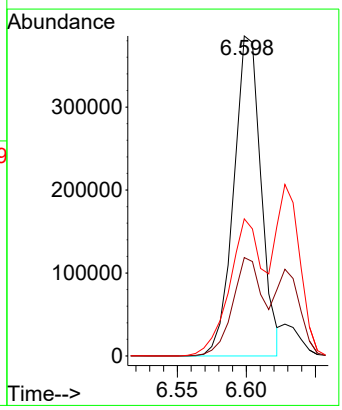
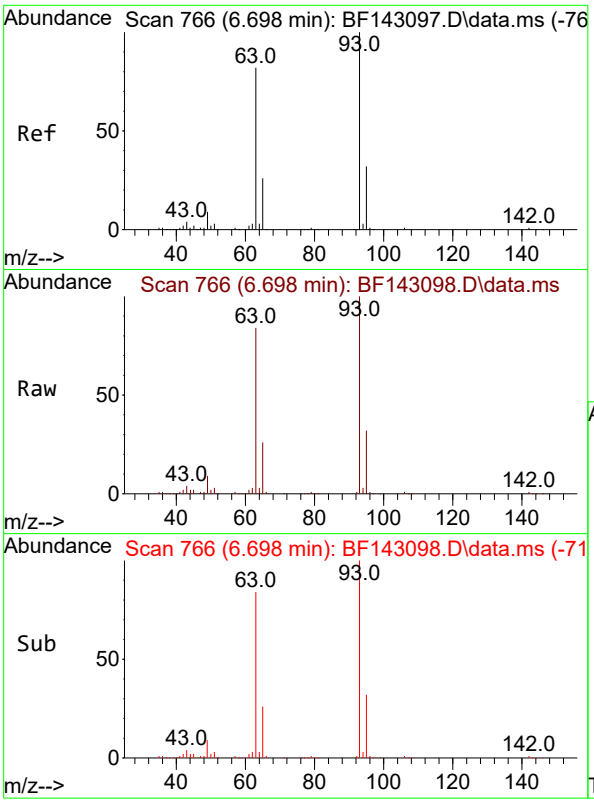


#10
Phenol
Concen: 51.680 ng m
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 94 Resp: 529842

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.8	49.8
66	42.9	20.5	60.5

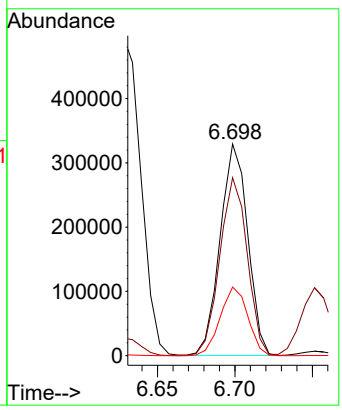




#11
bis(2-Chloroethyl)ether
Concen: 51.417 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 93 Resp: 40809

Ion	Ratio	Lower	Upper
93	100		
63	84.0	61.9	101.9
95	32.4	12.2	52.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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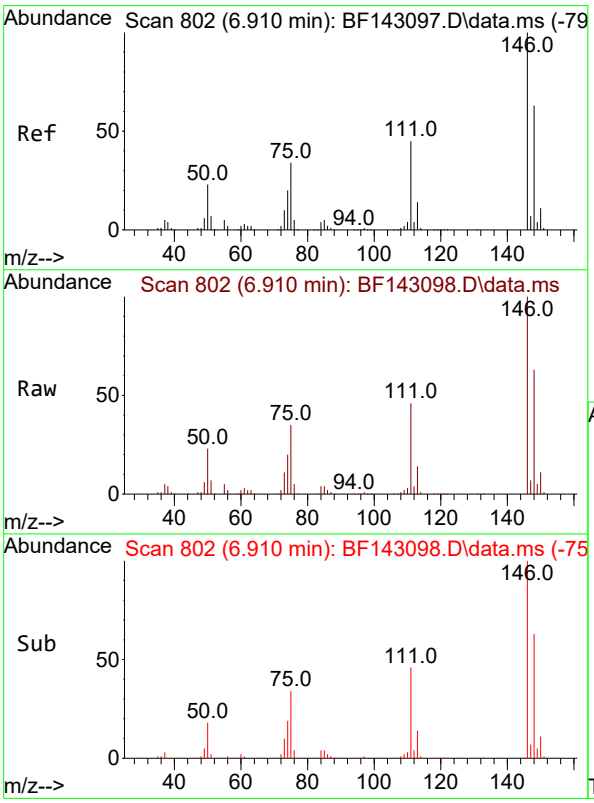
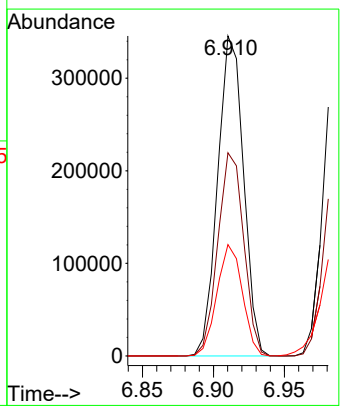
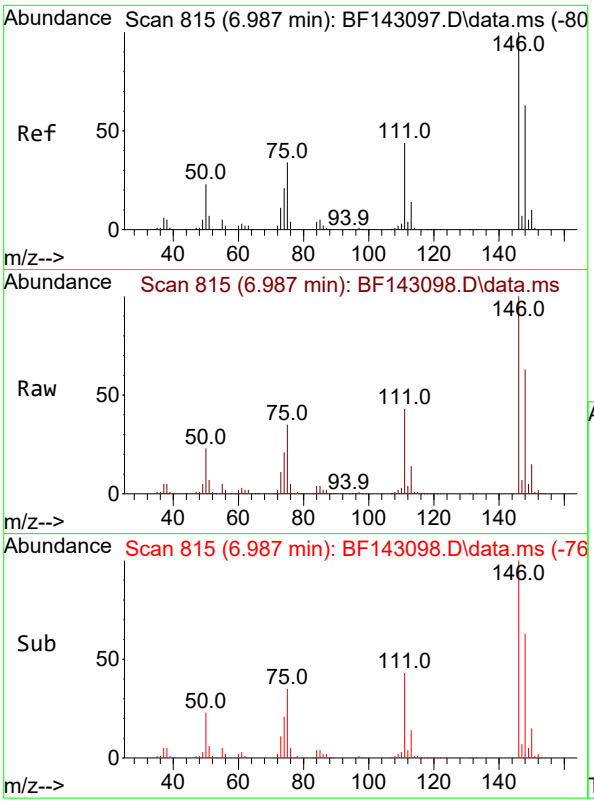


#12
1,3-Dichlorobenzene
Concen: 51.203 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:146 Resp: 437876

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.1	75.1
75	34.8	27.4	41.0

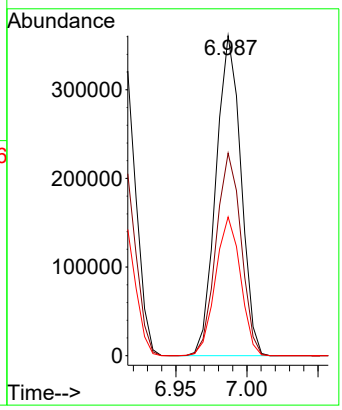




#13
1,4-Dichlorobenzene
Concen: 51.260 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:146 Resp: 44101

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	43.3	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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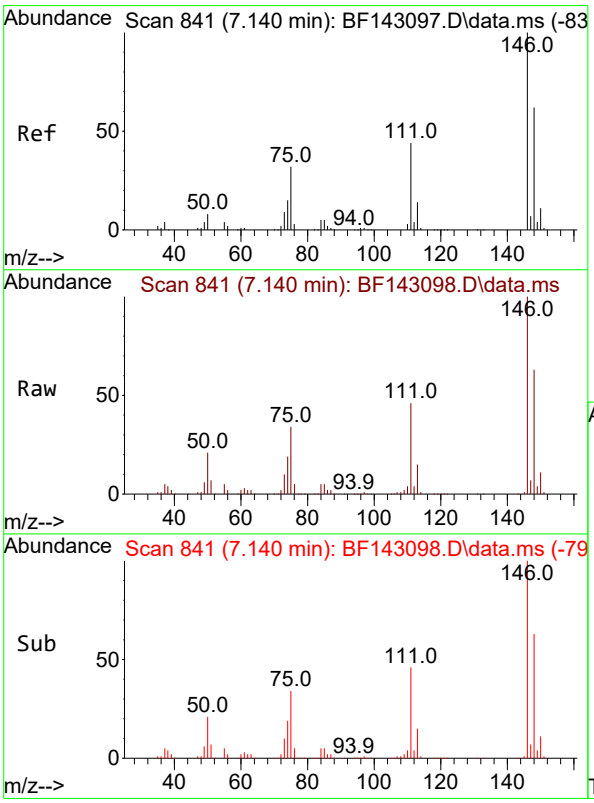
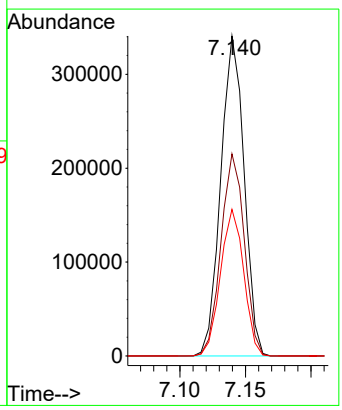
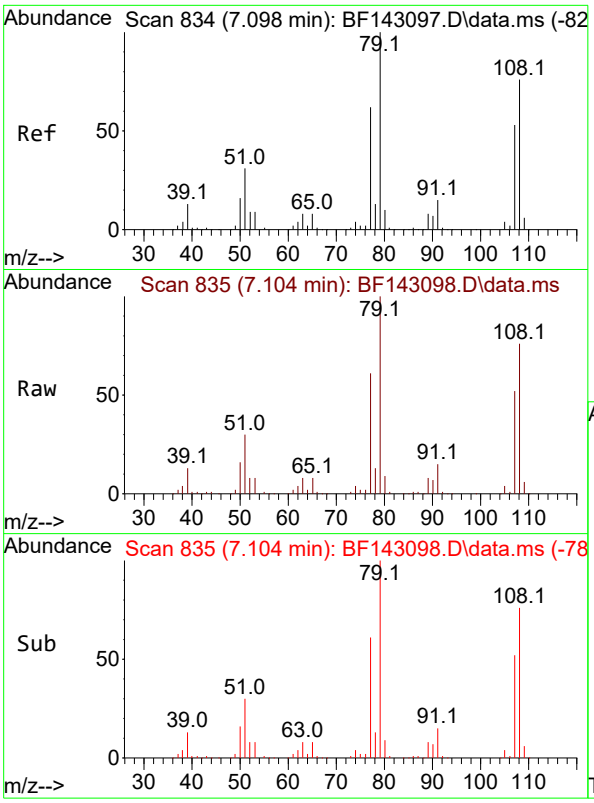


#14
1,2-Dichlorobenzene
Concen: 51.401 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:146 Resp: 421724

Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.8	74.6
111	45.8	35.4	53.0

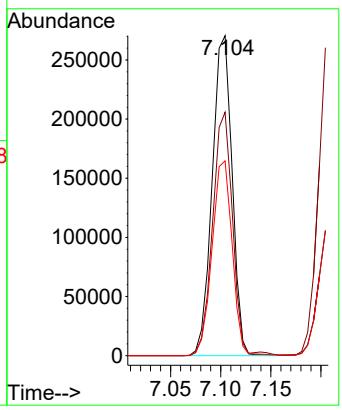




#15
Benzyl Alcohol
Concen: 53.234 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 79 Resp: 37356

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	60.9	49.9	74.9



Instrument :
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ClientSampleId :
SSTDICC050

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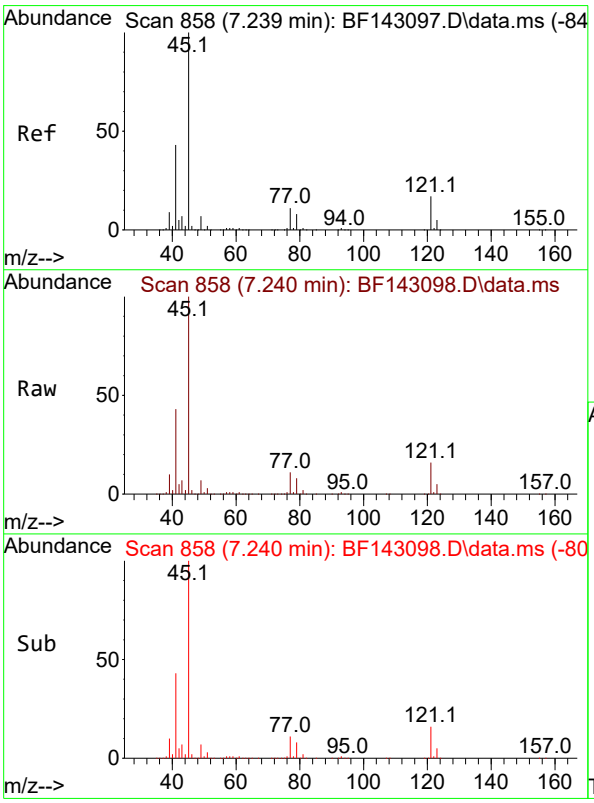
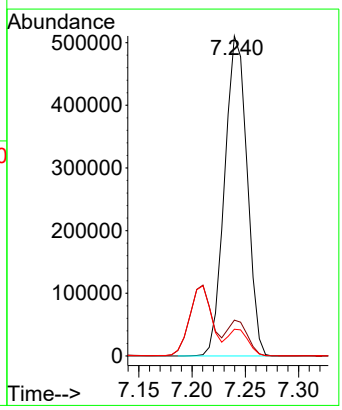
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

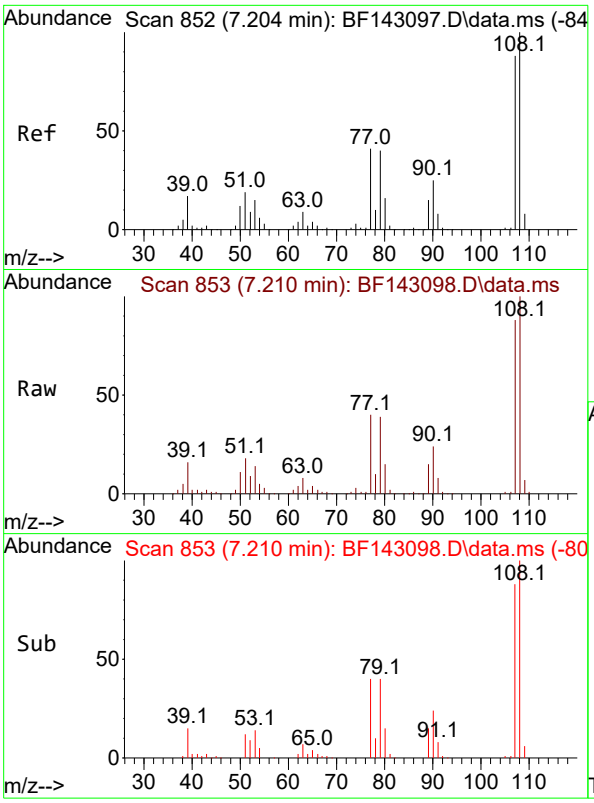


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.187 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 45 Resp: 748892

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.1
79	8.4	0.0	28.4

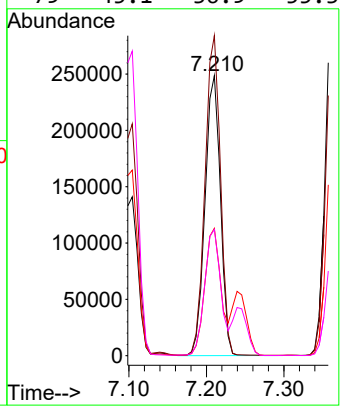




#17
2-Methylphenol
Concen: 52.409 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:107 Resp: 34235

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	45.5	37.5	56.3
79	45.1	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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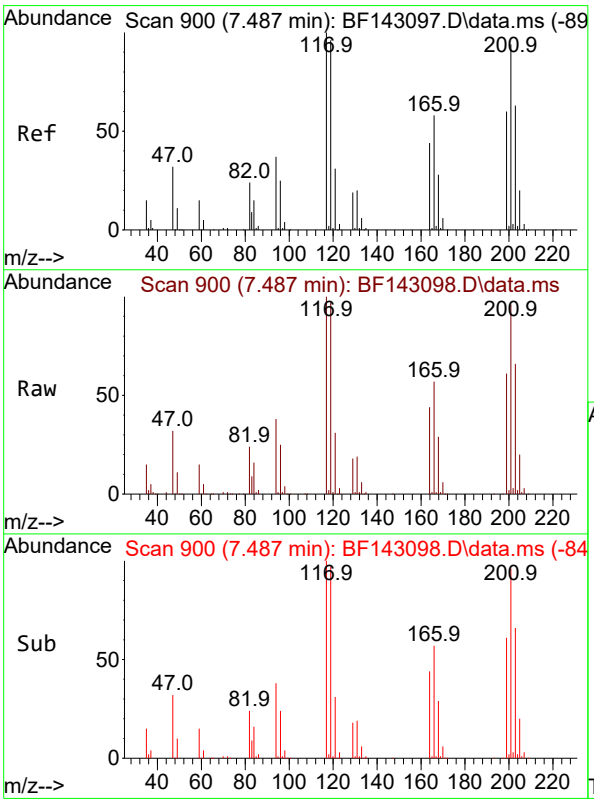
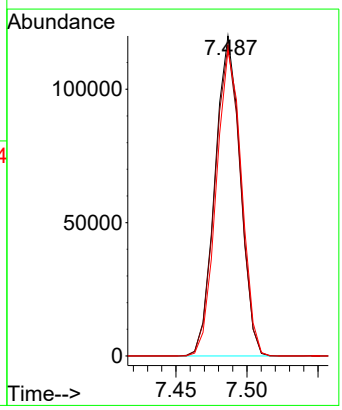
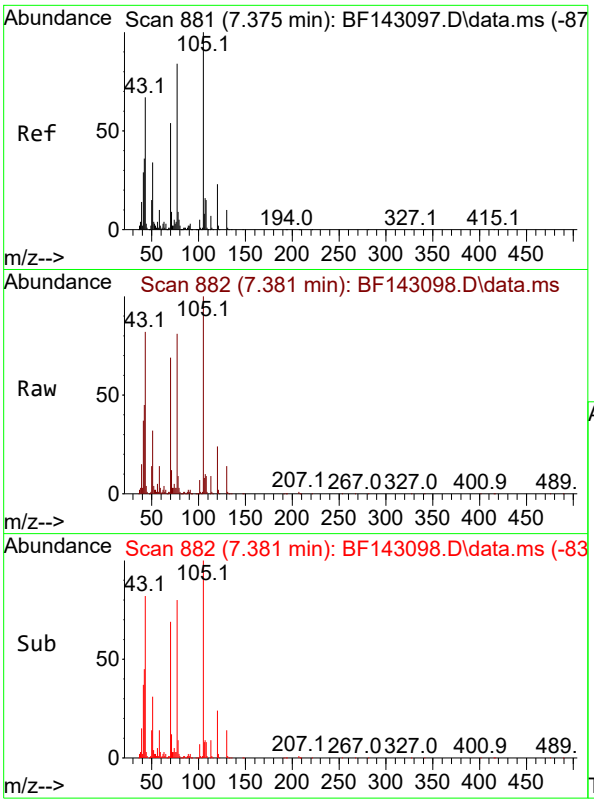


#18
Hexachloroethane
Concen: 53.114 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:117 Resp: 148761

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
201	95.5	75.0	112.4

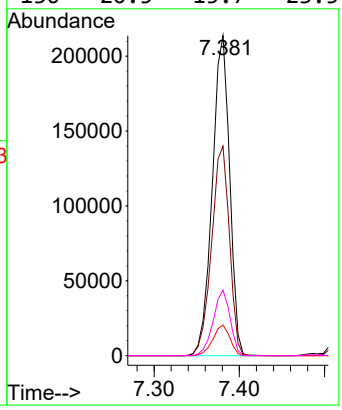




#19
n-Nitroso-di-n-propylamine
Concen: 52.169 ng
RT: 7.381 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 70 Resp: 30268

Ion	Ratio	Lower	Upper
70	100		
42	65.5	53.2	79.8
101	9.6	7.5	11.3
130	20.5	15.7	23.5



Instrument :
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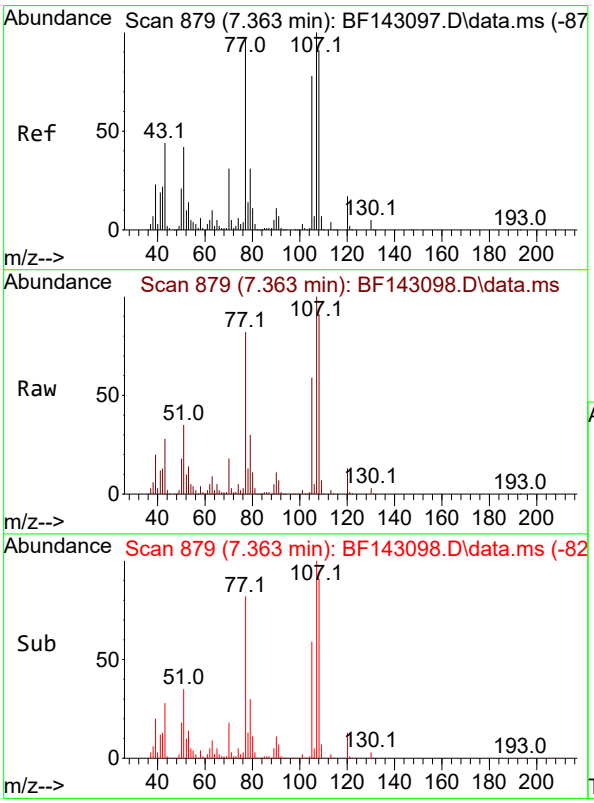
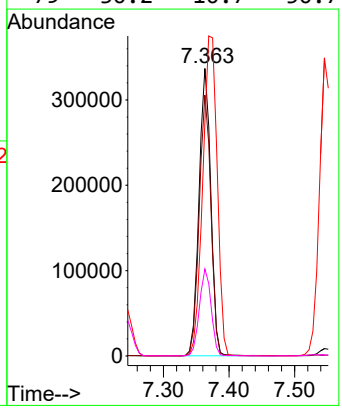
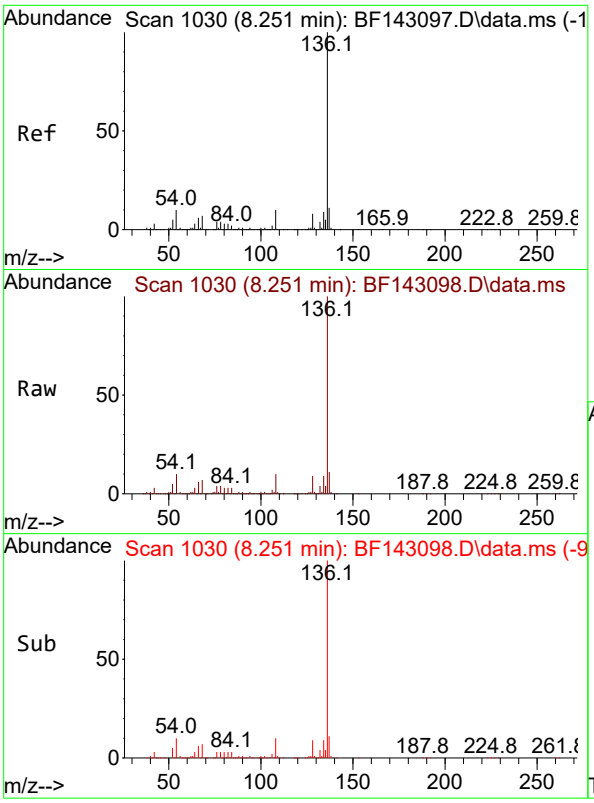


#20
3+4-Methylphenols
Concen: 52.776 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:107 Resp: 422794

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.3	111.3
77	81.5	77.2	117.2
79	30.2	10.7	50.7

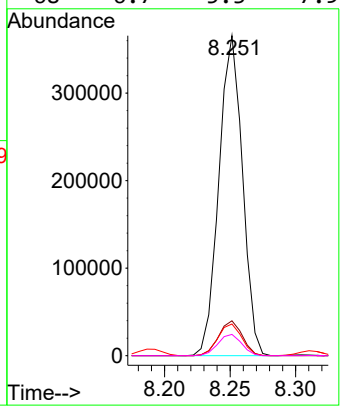




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:136 Resp: 45650

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.9	8.3	12.5
68	6.7	5.3	7.9



Instrument :
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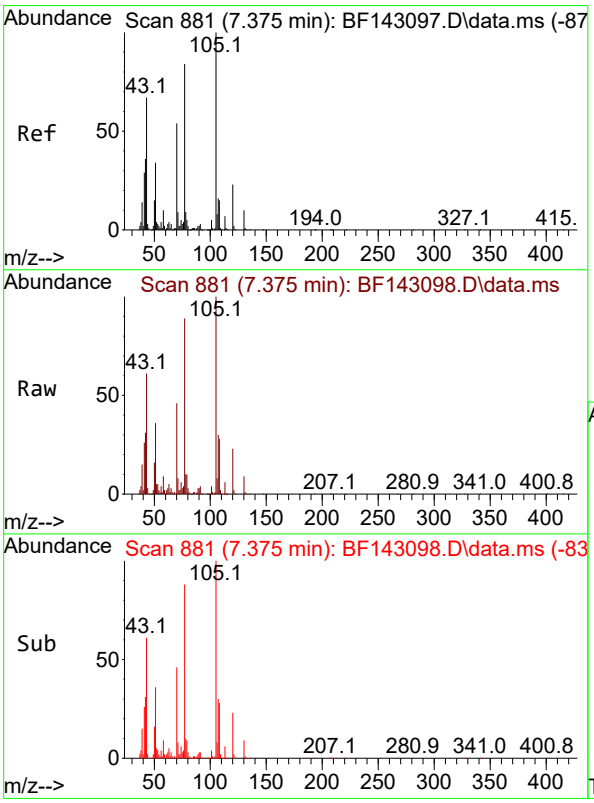
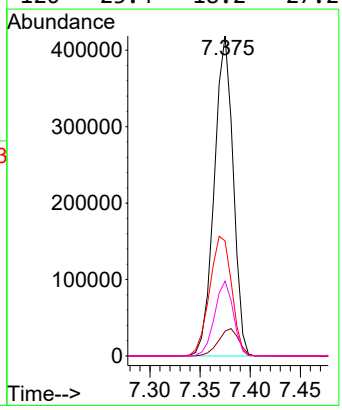
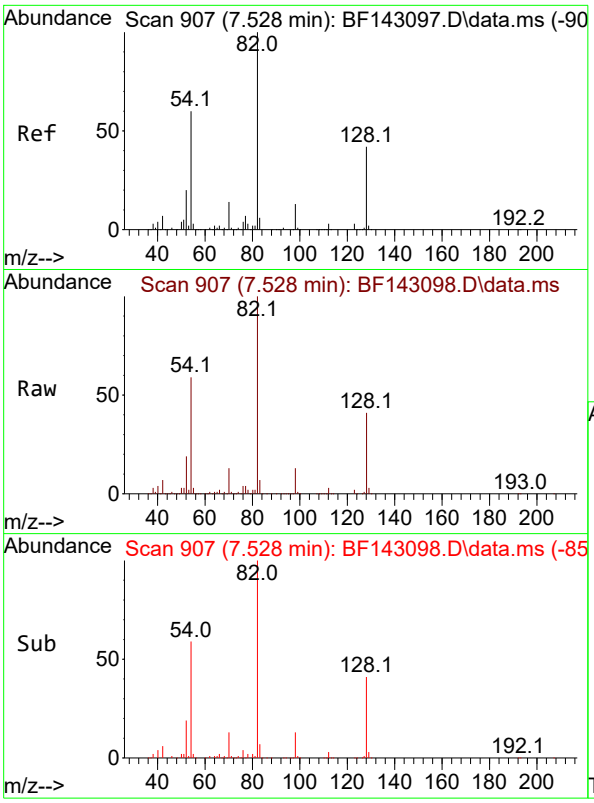


#22
Acetophenone
Concen: 49.959 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:105 Resp: 549763

Ion	Ratio	Lower	Upper
105	100		
71	7.8	7.2	10.8
51	36.0	27.0	40.4
120	23.4	18.2	27.2





#23
Nitrobenzene-d5
Concen: 112.035 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 82 Resp: 91172

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	59.4	47.4	71.2

Instrument :
BNA_F
ClientSampleId :
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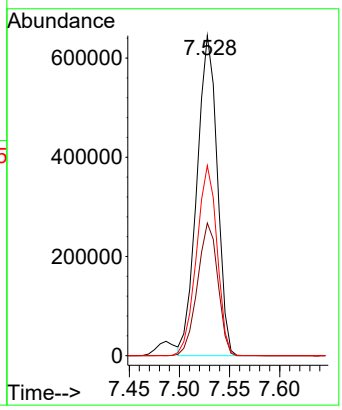
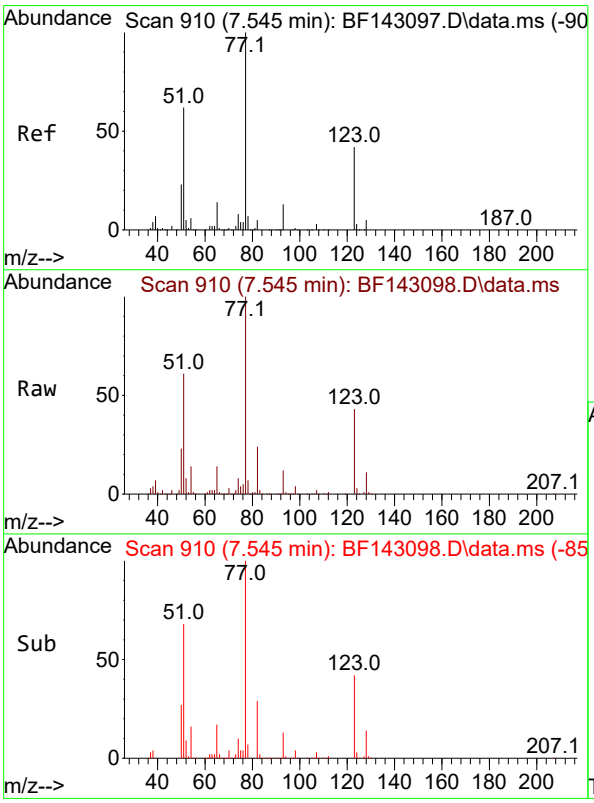
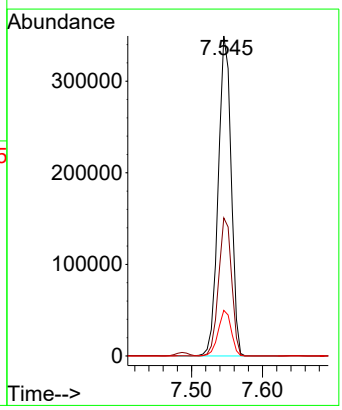


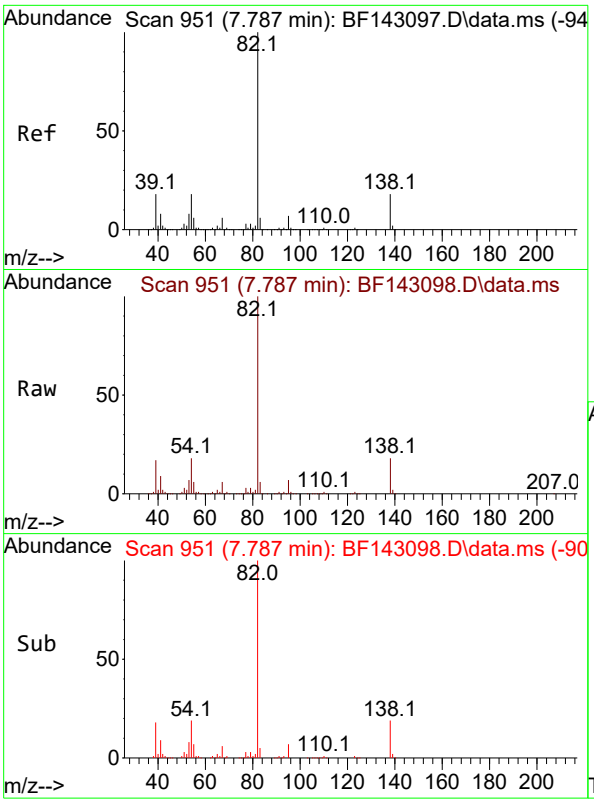


#24
Nitrobenzene
Concen: 55.918 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 77 Resp: 439273

Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.5	51.7
65	14.3	11.3	16.9

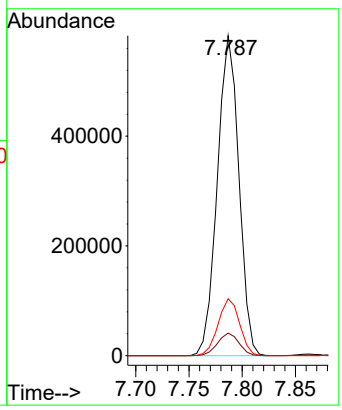




#25
Isophorone
Concen: 52.088 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 82 Resp: 81927

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.8	14.3	21.5



Instrument :
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ClientSampleId :
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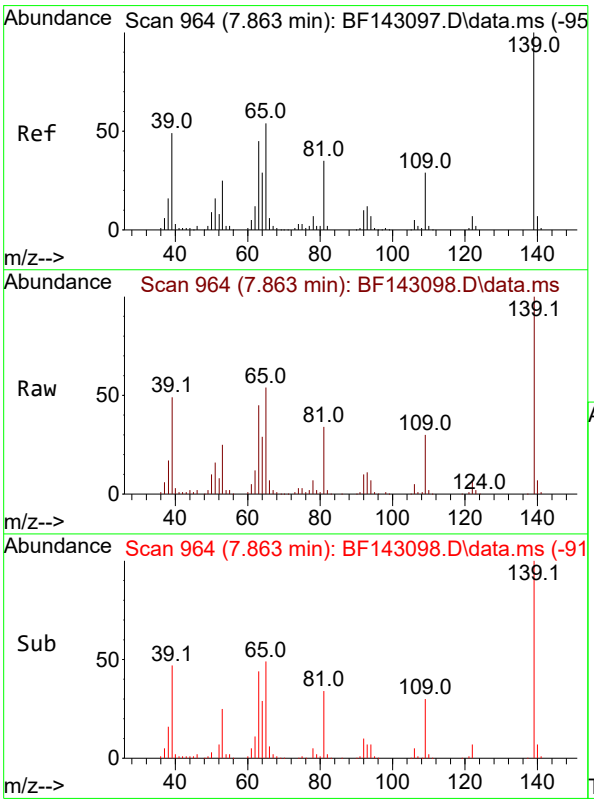
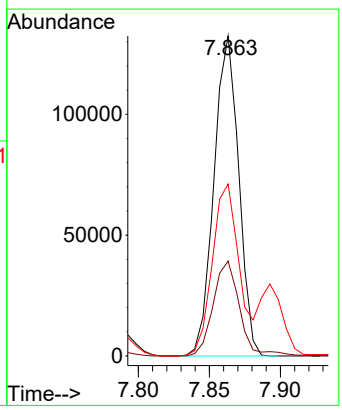
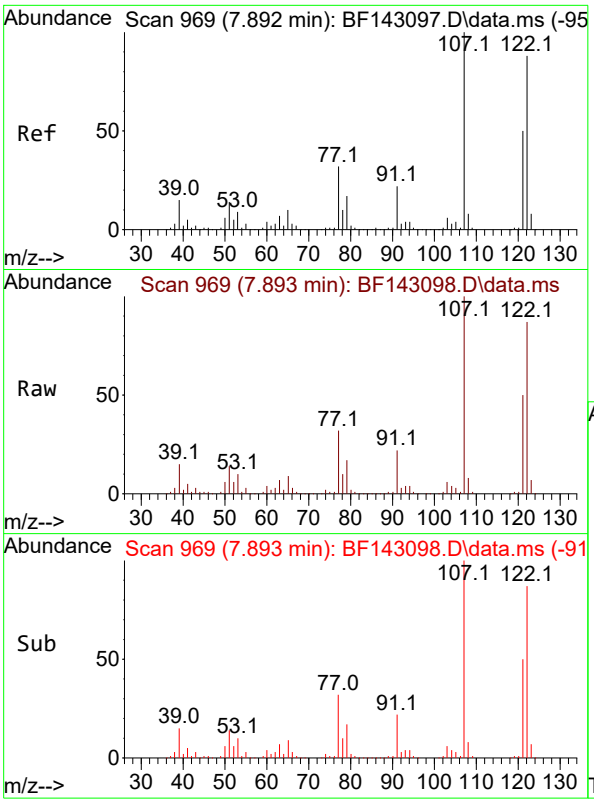


#26
2-Nitrophenol
Concen: 50.837 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:139 Resp: 160386

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.0
65	53.7	43.4	65.2

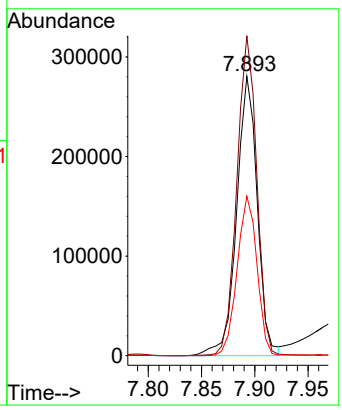




#27
2,4-Dimethylphenol
Concen: 51.976 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:122 Resp: 37943

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.3	136.9
121	57.1	45.5	68.3



Instrument :
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ClientSampleId :
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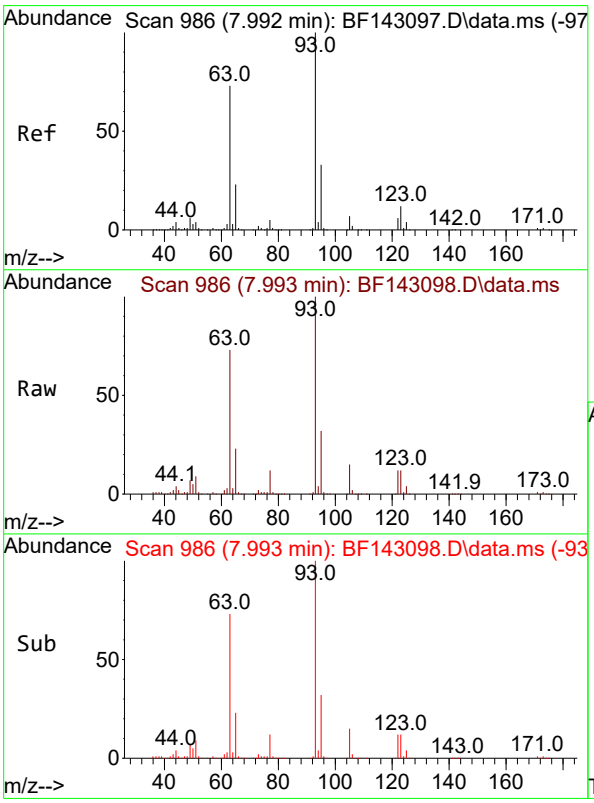
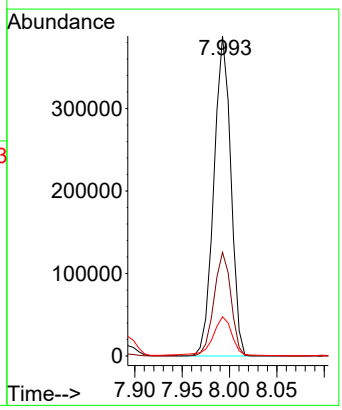
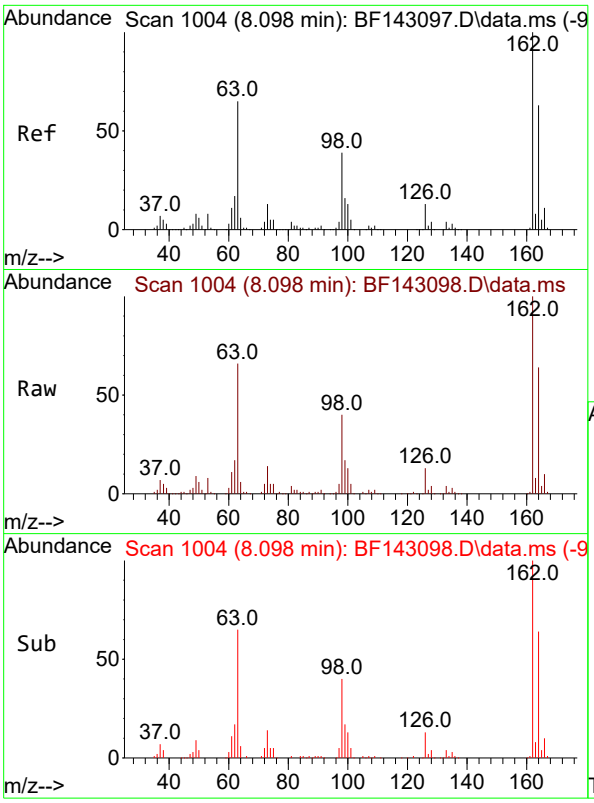


#28
bis(2-Chloroethoxy)methane
Concen: 50.704 ng
RT: 7.993 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 93 Resp: 483608

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	12.2	9.6	14.4

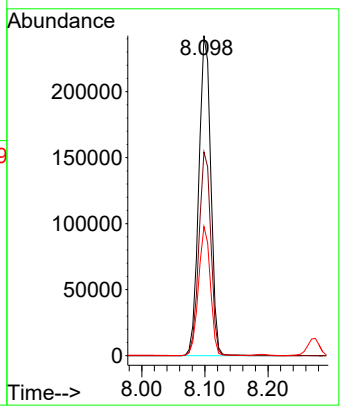




#29
2,4-Dichlorophenol
Concen: 53.575 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:162 Resp: 31996

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.1	83.1
98	40.4	19.2	59.2



Instrument :
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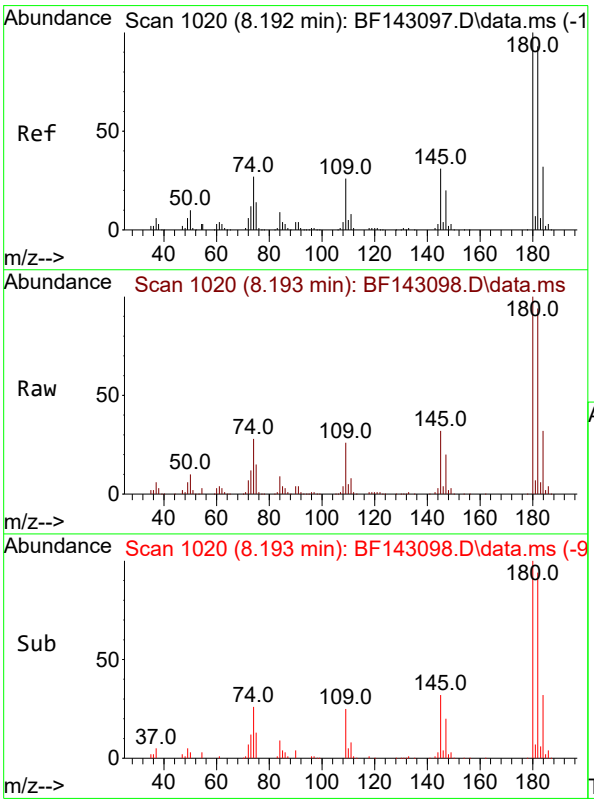
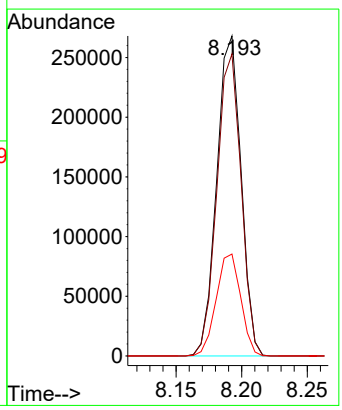
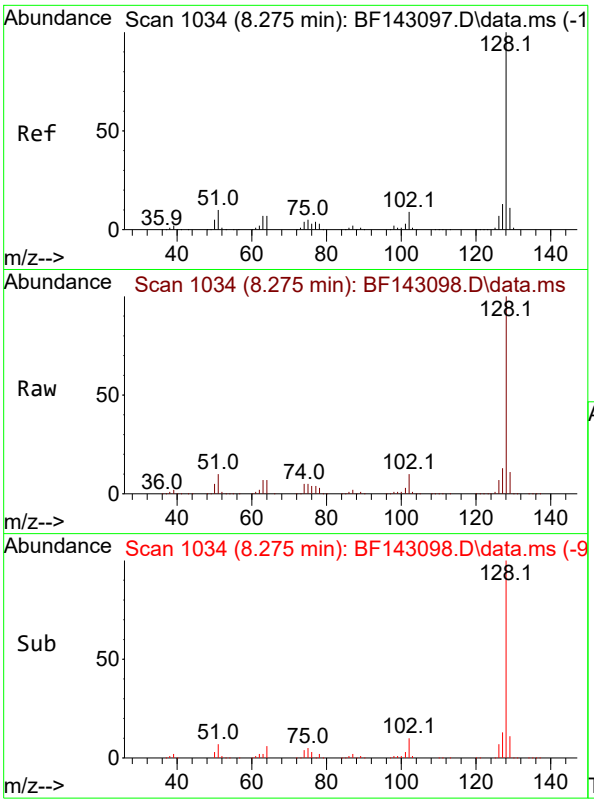


#30
1,2,4-Trichlorobenzene
Concen: 50.958 ng
RT: 8.193 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:180 Resp: 345389

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.7	112.1
145	31.8	24.5	36.7





#31
Naphthalene
Concen: 49.700 ng
RT: 8.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:128 Resp: 112665

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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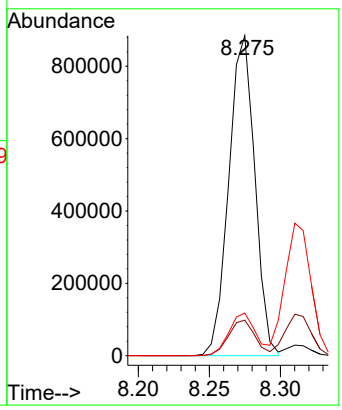
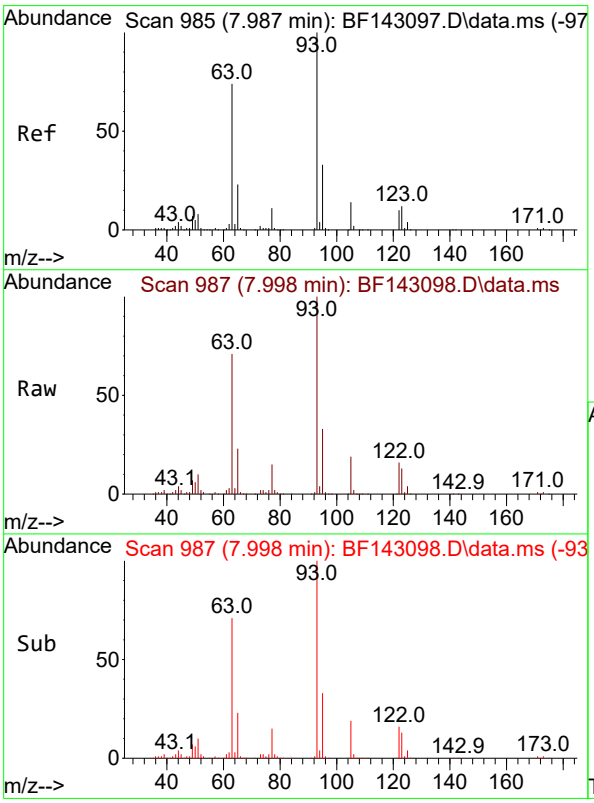
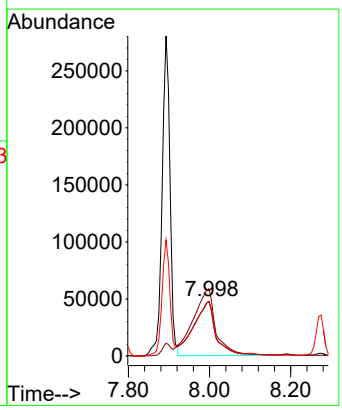


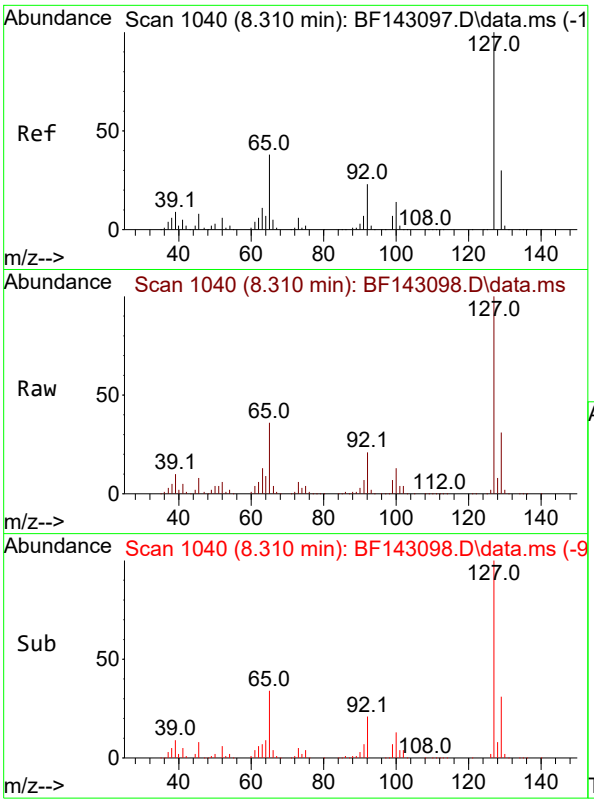


#32
Benzoic acid
Concen: 49.535 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.011 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:122 Resp: 180966

Ion	Ratio	Lower	Upper
122	100		
105	122.8	105.4	145.4
77	99.4	78.6	118.6

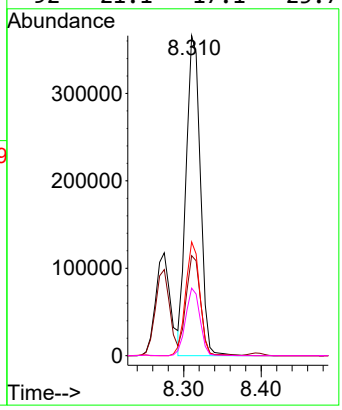




#33
4-Chloroaniline
Concen: 51.237 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:127 Resp: 46707

Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	35.6	28.6	42.8
92	21.1	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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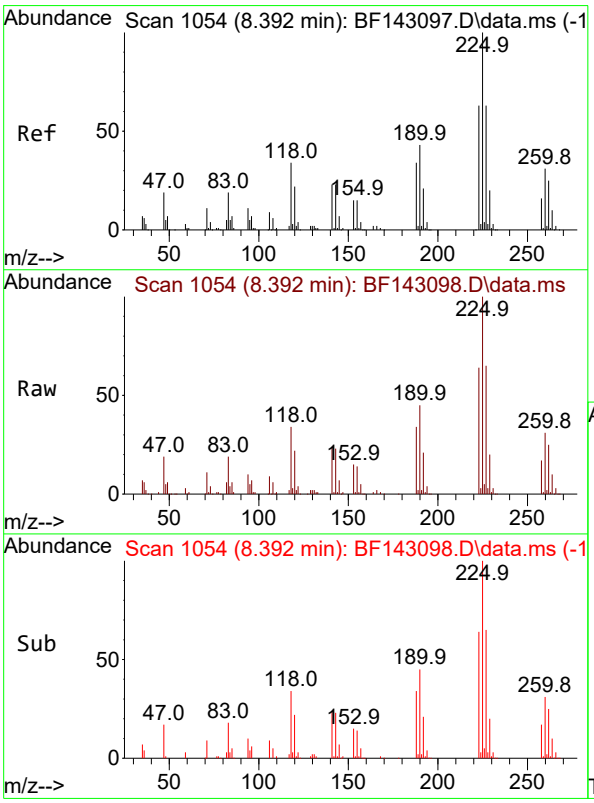
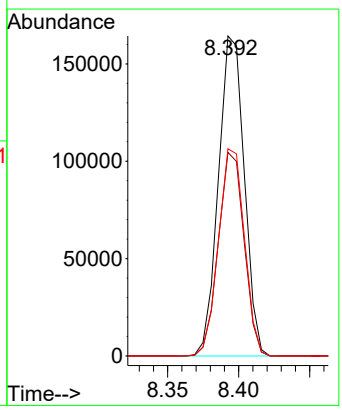
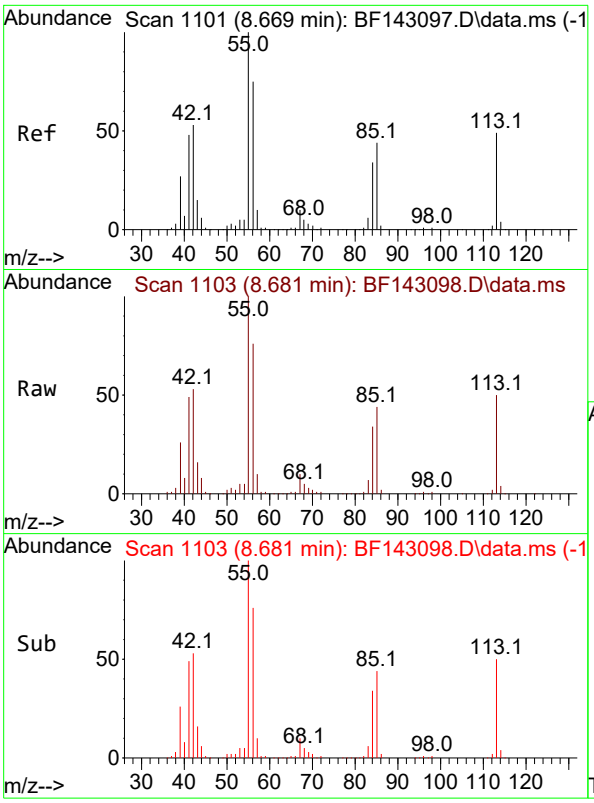


#34
Hexachlorobutadiene
Concen: 51.263 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:225 Resp: 207797

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	64.7	50.1	75.1

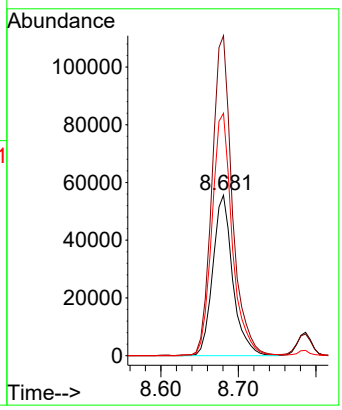




#35
Caprolactam
Concen: 53.162 ng
RT: 8.681 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:113 Resp: 9914

Ion	Ratio	Lower	Upper
113	100		
55	199.4	186.2	226.2
56	151.0	134.1	174.1



Instrument :
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ClientSampleId :
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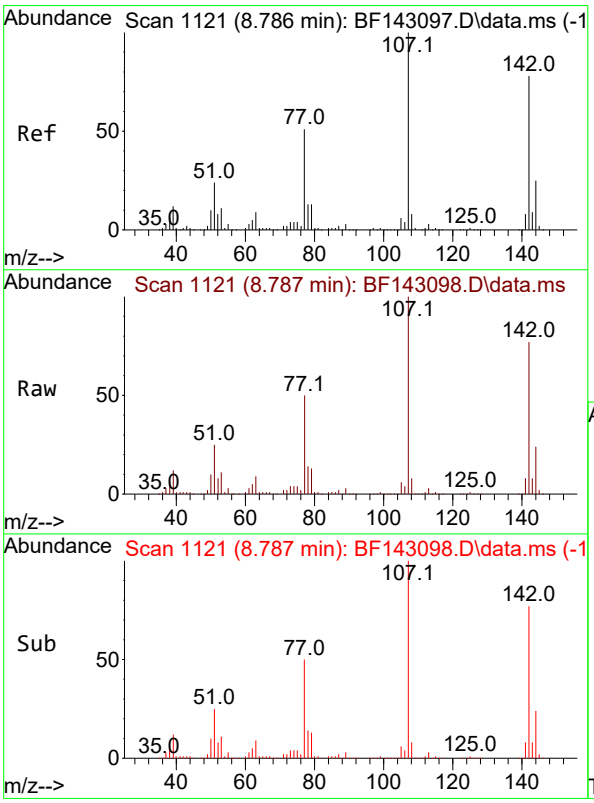
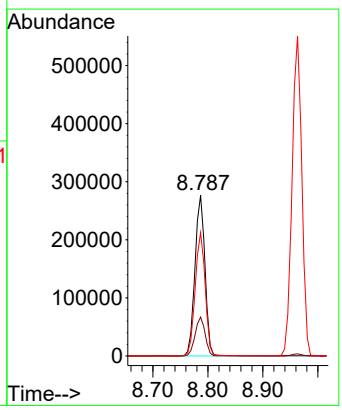
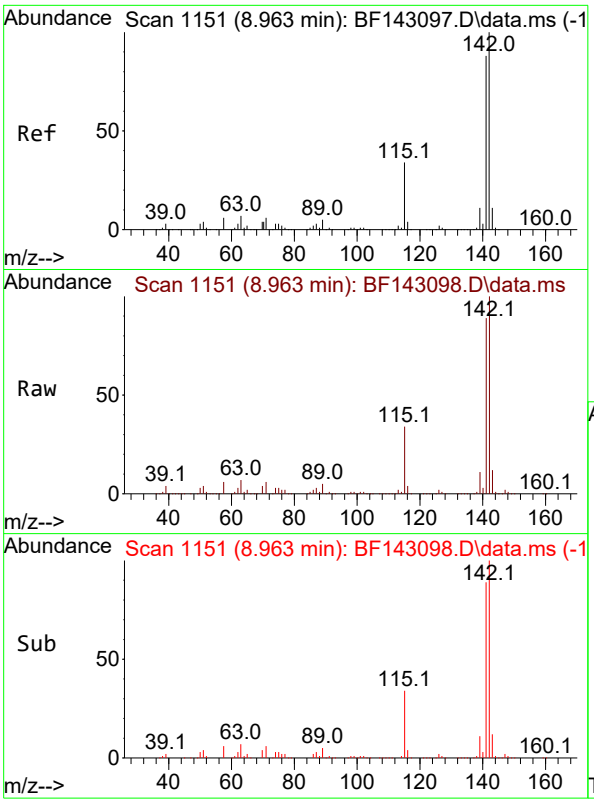


#36
4-Chloro-3-methylphenol
Concen: 52.746 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:107 Resp: 350906

Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.2	30.2
142	76.8	62.4	93.6





#37
2-Methylnaphthalene
Concen: 50.410 ng
RT: 8.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:142 Resp: 68172

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.2

Instrument :
BNA_F
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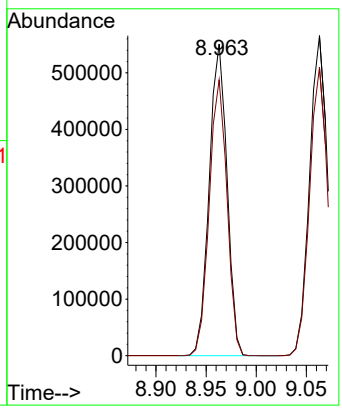
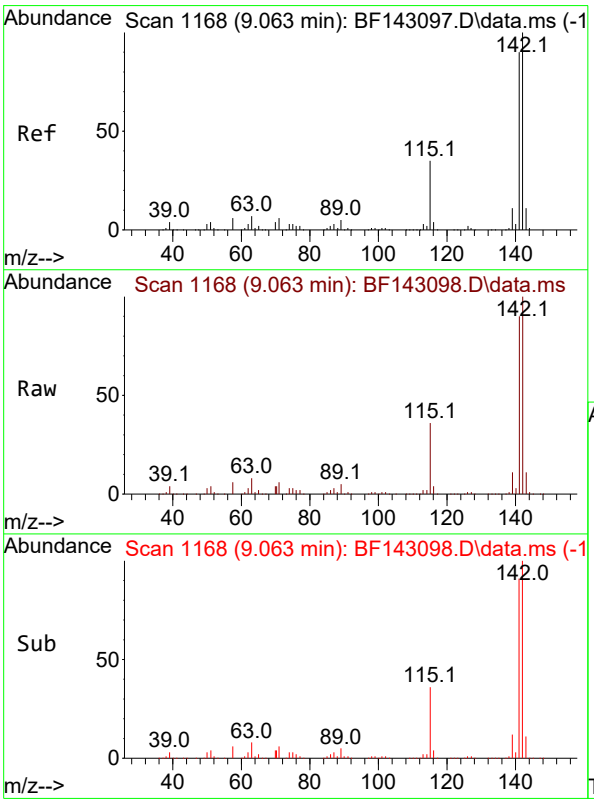
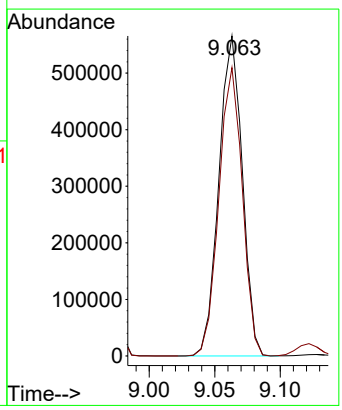


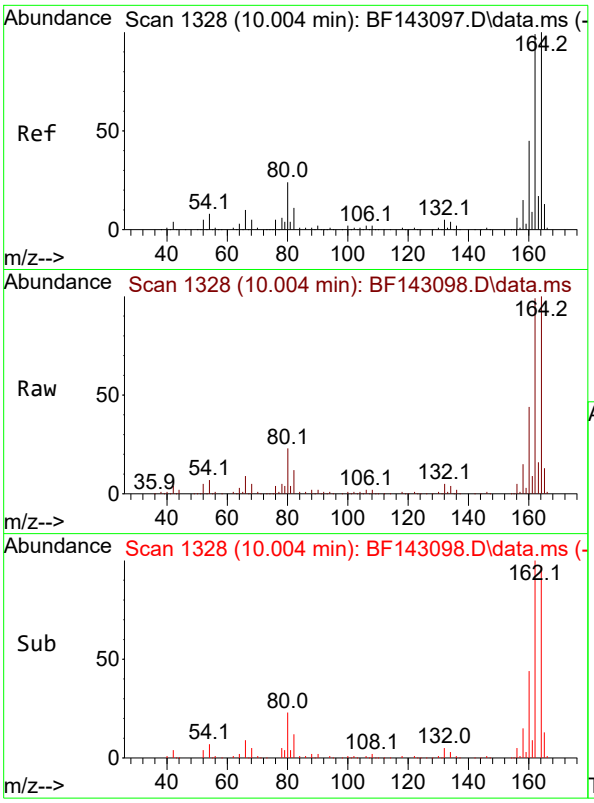


#38
1-Methylnaphthalene
Concen: 50.016 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:142 Resp: 701548

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4

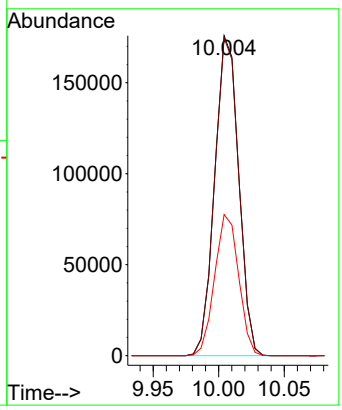




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:164 Resp: 22312

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.0	118.6
160	44.1	35.8	53.6



Instrument :
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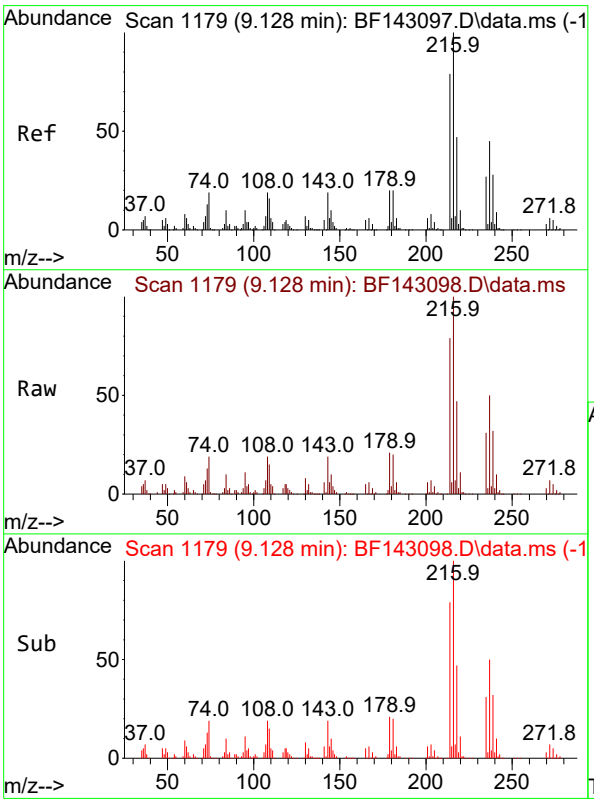
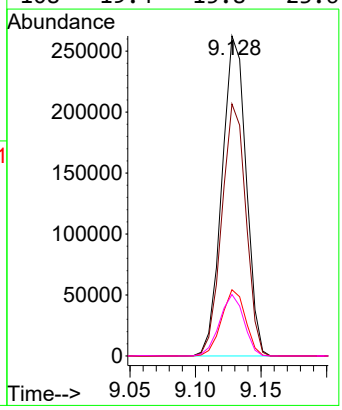
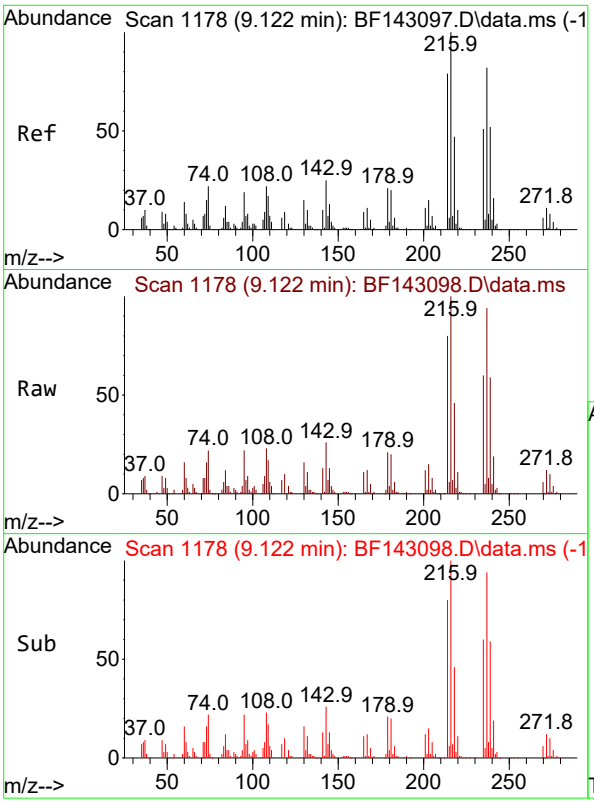


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.551 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:216 Resp: 335206

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	20.5	16.2	24.2
108	19.4	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 55.147 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:237 Resp: 19881

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.6	81.6
272	13.1	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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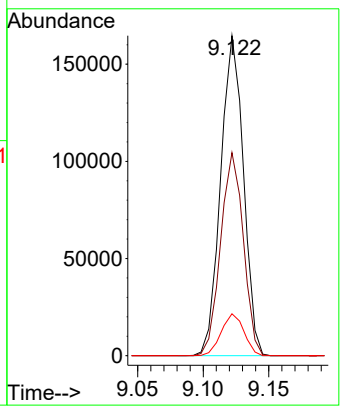
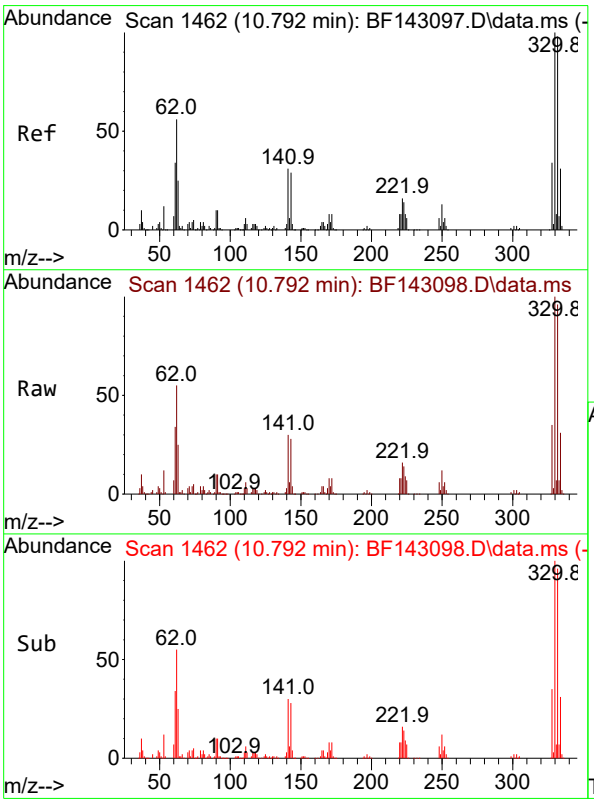
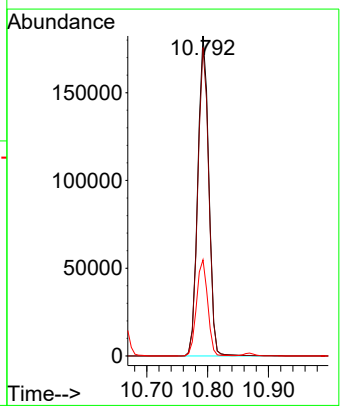


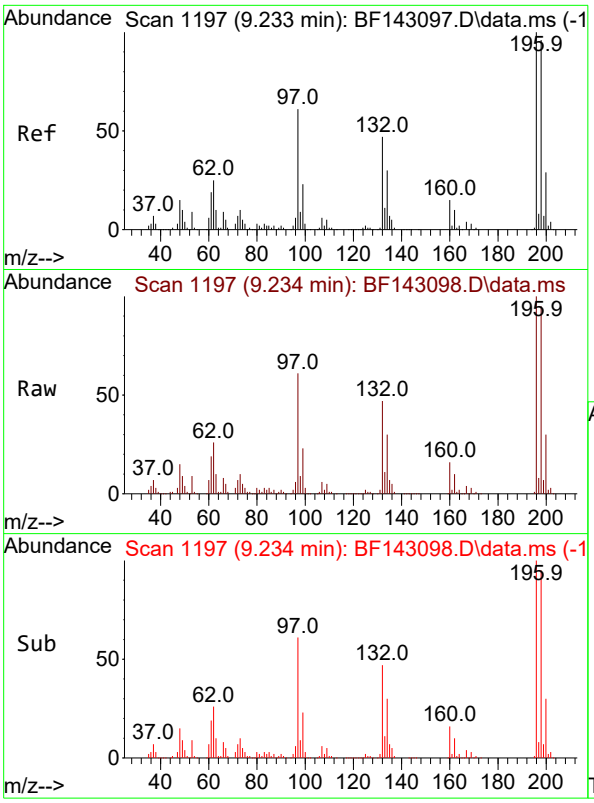


#42
2,4,6-Tribromophenol
Concen: 114.439 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:330 Resp: 227678

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.9	116.9
141	30.5	25.9	38.9

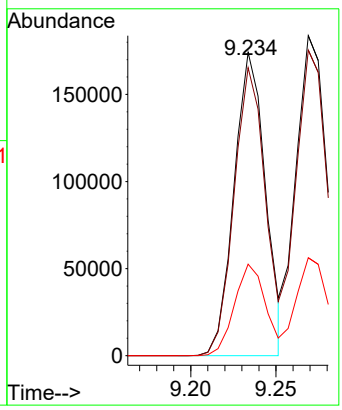




#43
2,4,6-Trichlorophenol
Concen: 55.226 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:196 Resp: 22313

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.9	115.3
200	30.2	23.5	35.3



Instrument :
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ClientSampleId :
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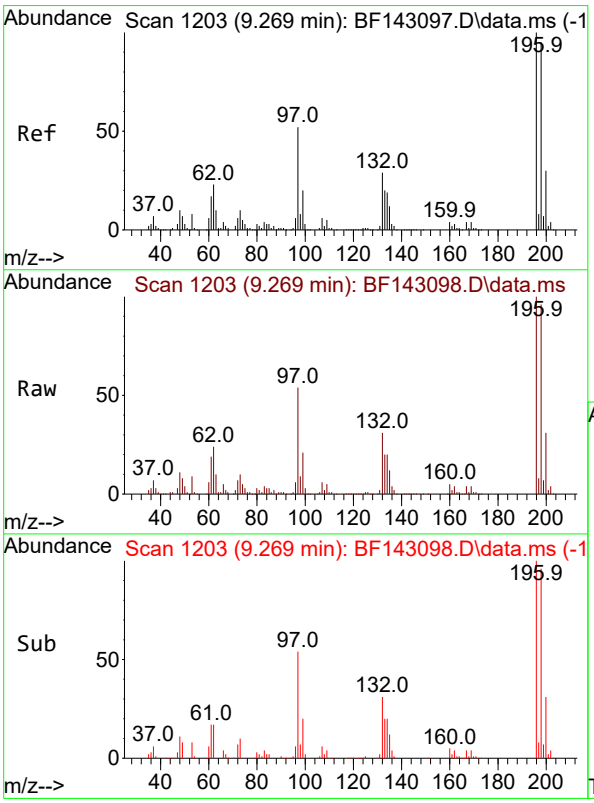
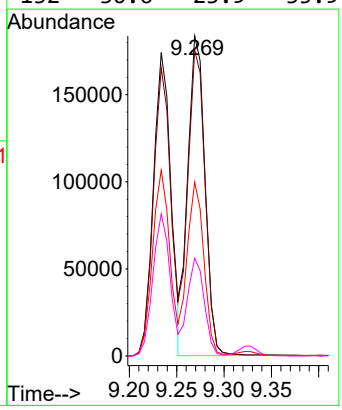
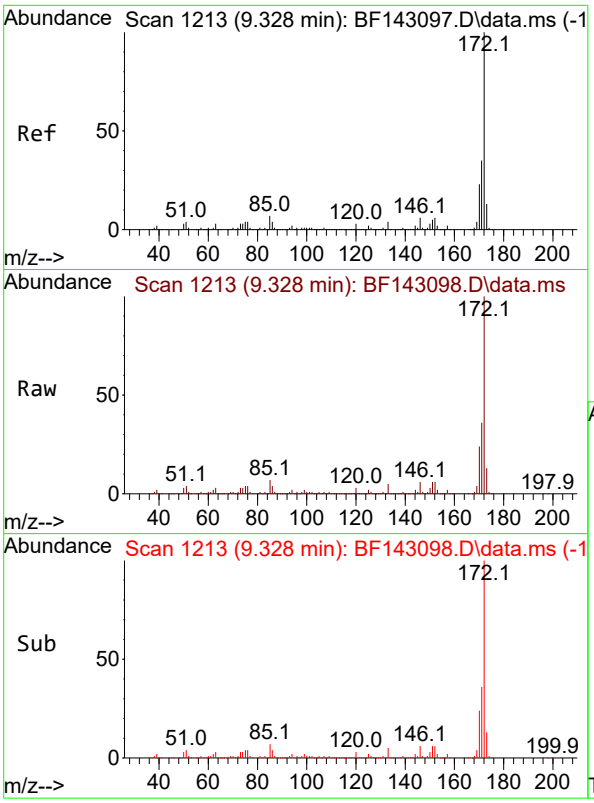


#44
2,4,5-Trichlorophenol
Concen: 54.977 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:196 Resp: 232905

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.4	114.6
97	54.3	42.4	63.6
132	30.6	23.9	35.9

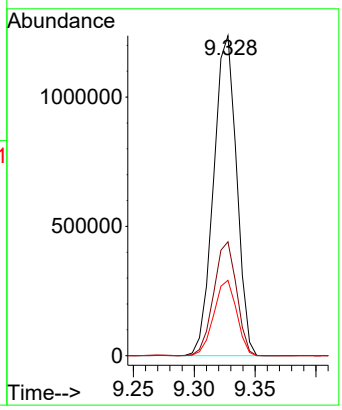




#45
2-Fluorobiphenyl
Concen: 97.028 ng
RT: 9.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:172 Resp: 162865

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.6	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
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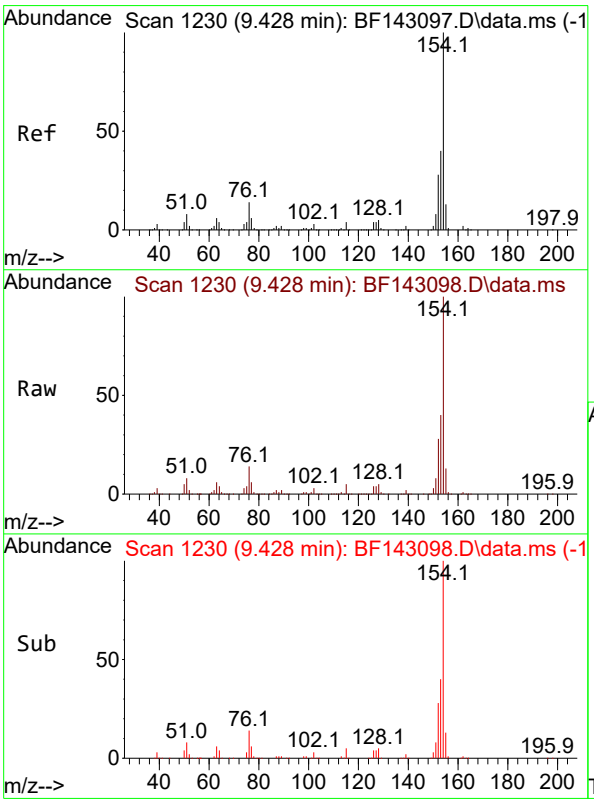
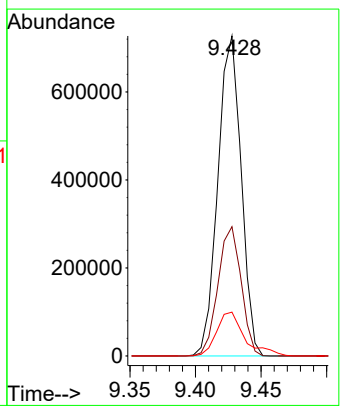
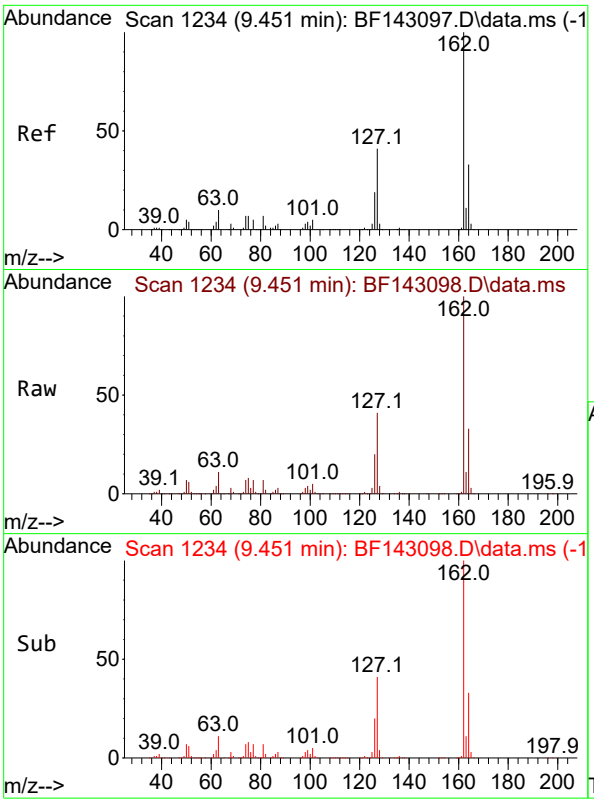


#46
1,1'-Biphenyl
Concen: 50.458 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:154 Resp: 897834

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	13.7	0.0	33.7

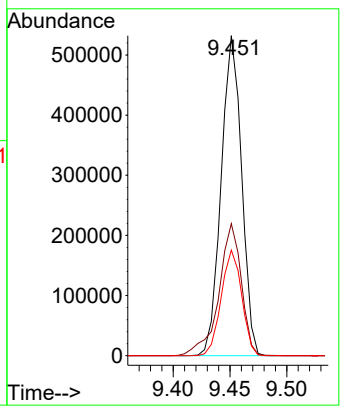




#47
2-Chloronaphthalene
Concen: 51.007 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:162 Resp: 66676

Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.6
164	33.0	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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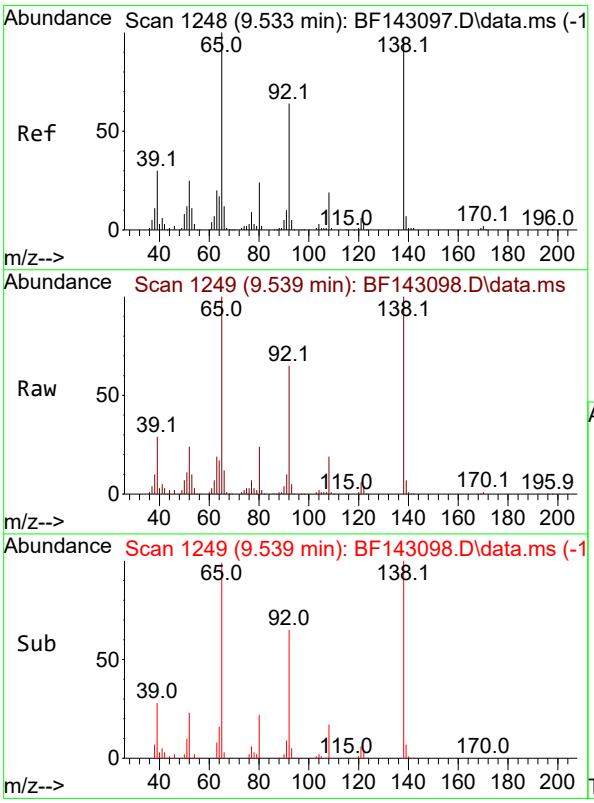
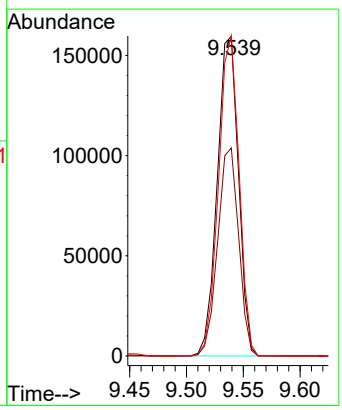
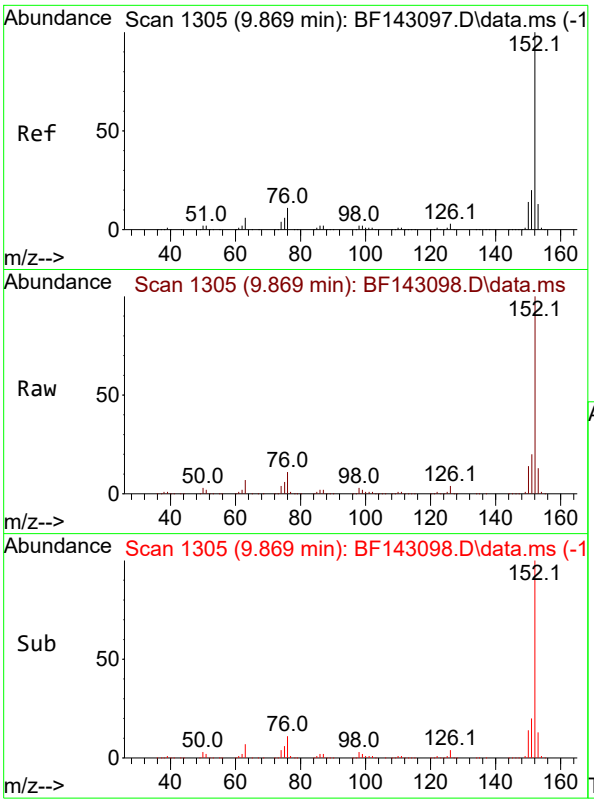


#48
2-Nitroaniline
Concen: 52.775 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion: 65 Resp: 207291

Ion	Ratio	Lower	Upper
65	100		
92	65.1	51.3	76.9
138	100.2	77.8	116.6

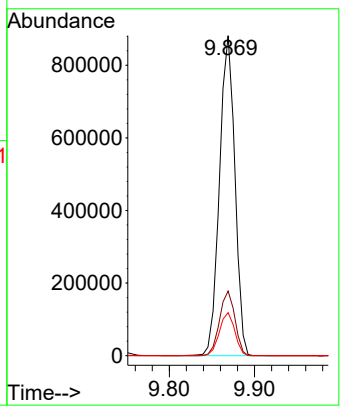




#49
Acenaphthylene
Concen: 50.940 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:152 Resp: 110958

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.4	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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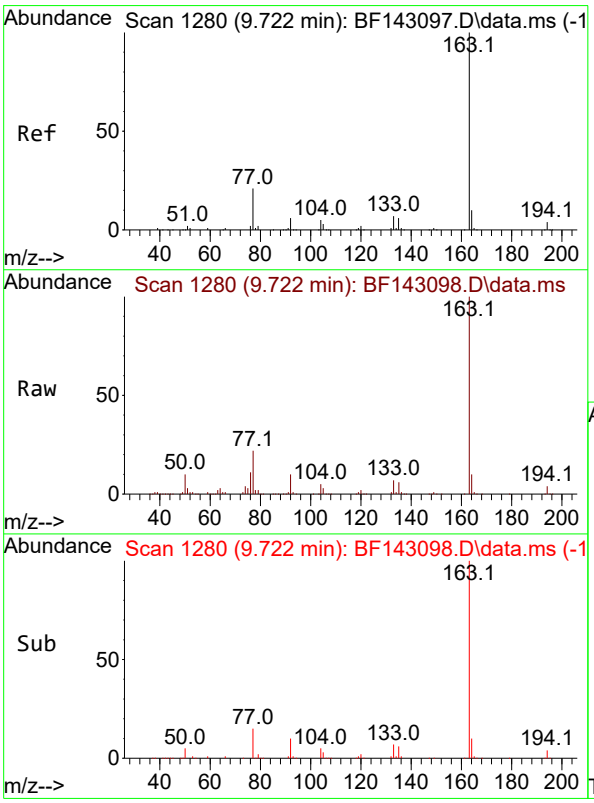
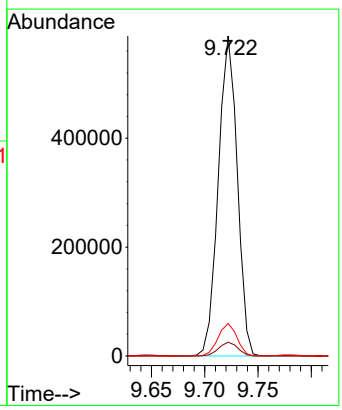
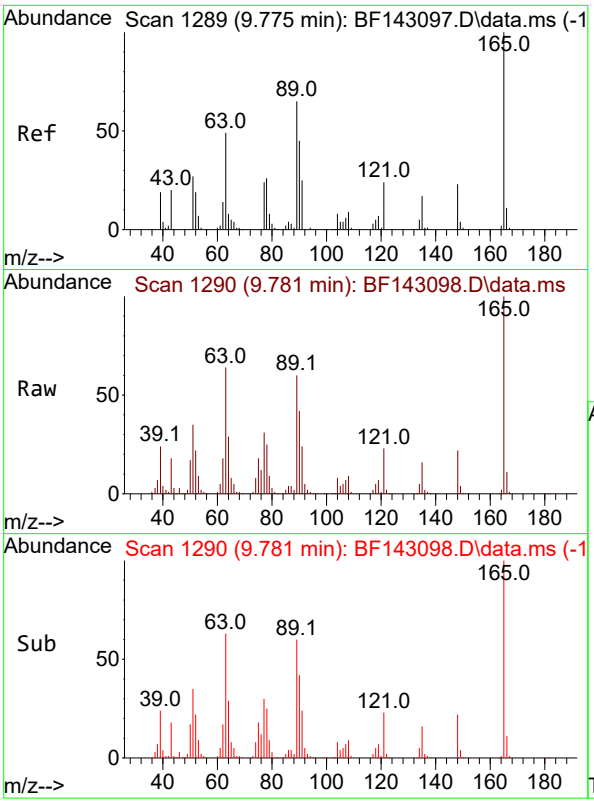


#50
Dimethylphthalate
Concen: 51.728 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:163 Resp: 726121

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 52.497 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:165 Resp: 14638

Ion	Ratio	Lower	Upper
165	100		
63	63.7	57.4	86.0
89	60.4	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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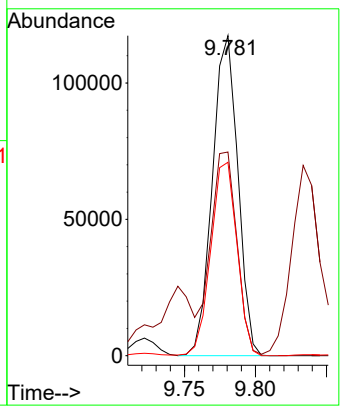
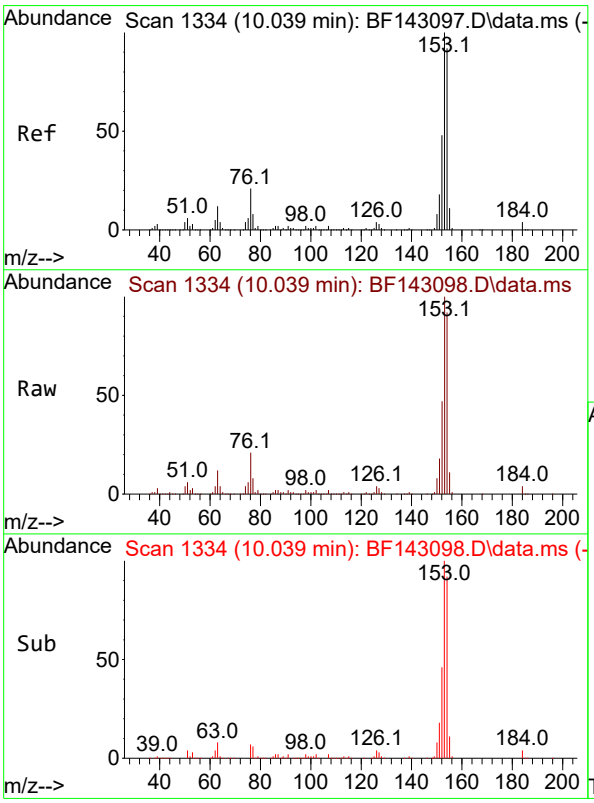
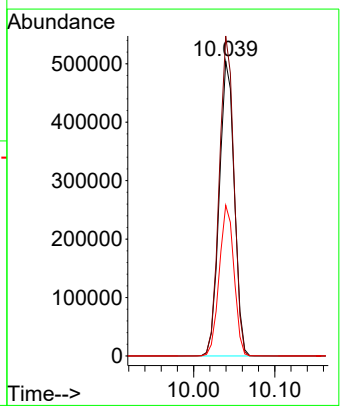


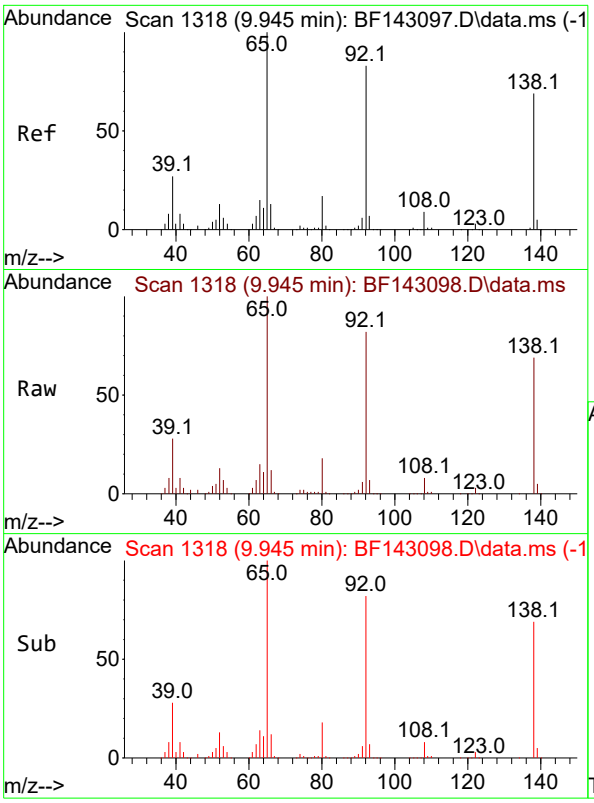


#52
Acenaphthene
Concen: 50.669 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:154 Resp: 651291

Ion	Ratio	Lower	Upper
154	100		
153	108.6	86.7	130.1
152	51.1	41.4	62.2





#53
3-Nitroaniline
Concen: 58.553 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:138 Resp: 17760

Ion	Ratio	Lower	Upper
138	100		
108	12.1	10.1	15.1
92	119.6	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
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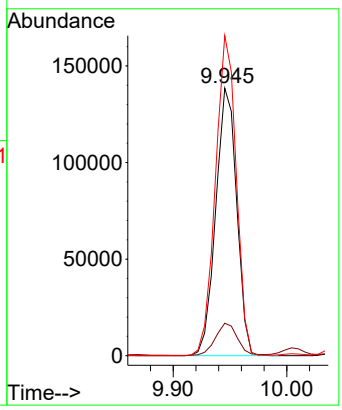
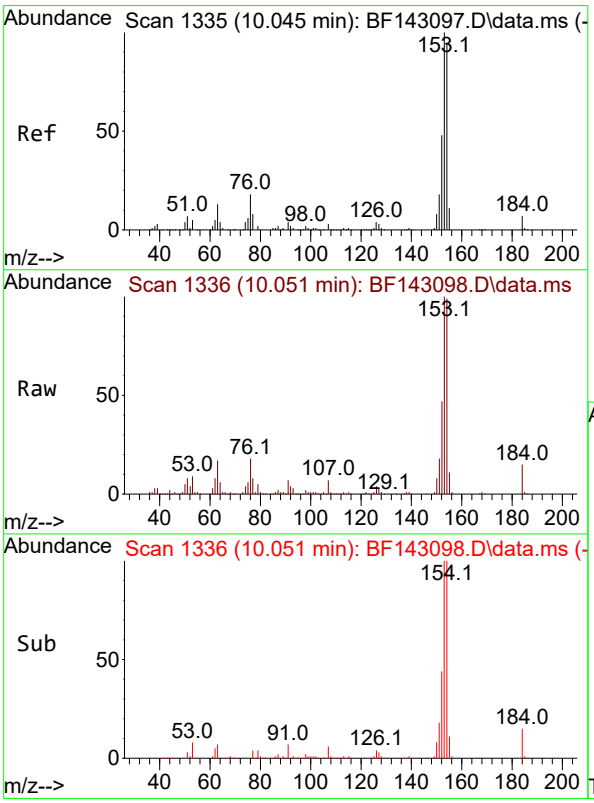
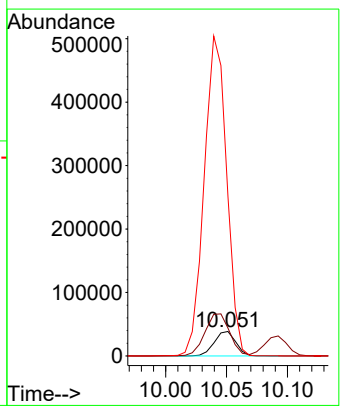


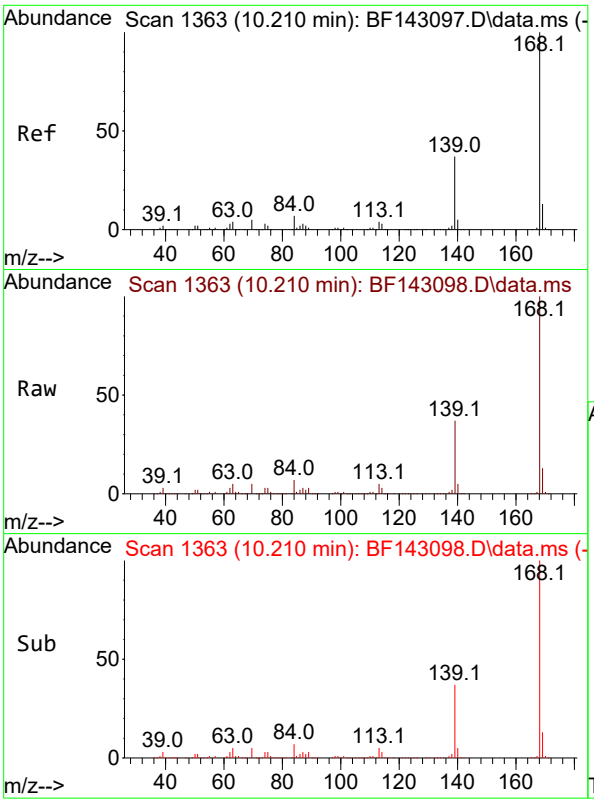


#54
2,4-Dinitrophenol
Concen: 51.931 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:184 Resp: 47800

Ion	Ratio	Lower	Upper
184	100		
63	113.4	149.3	223.9#
154	651.1	1048.0	1572.0#

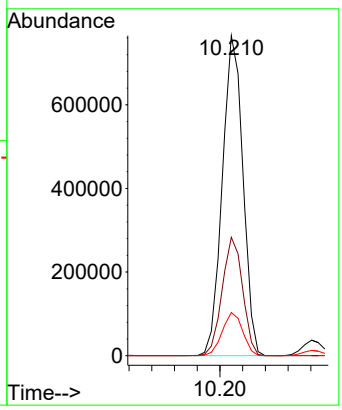




#55
Dibenzofuran
Concen: 50.344 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:168 Resp: 96454

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.8	44.6
169	13.5	10.8	16.2



Instrument :
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ClientSampleId :
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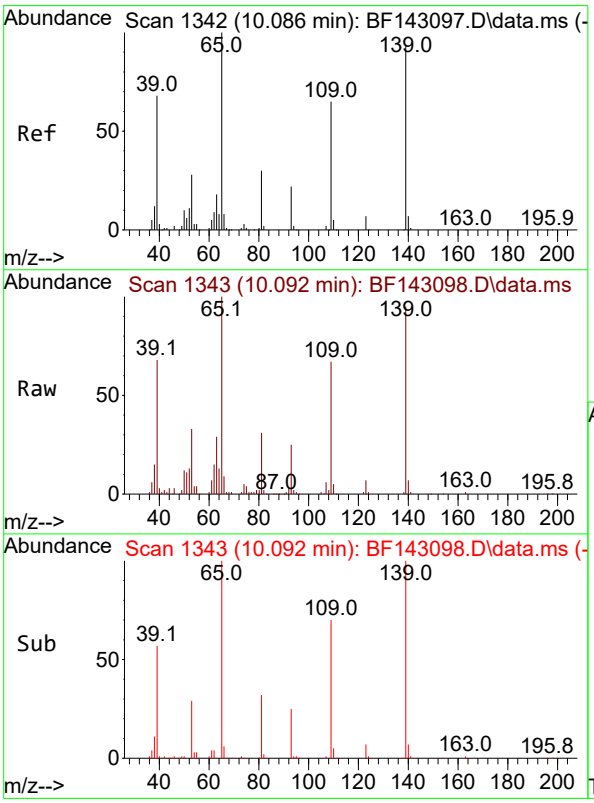
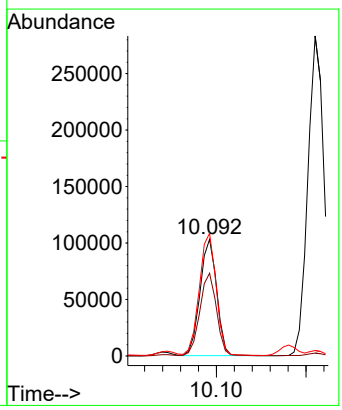
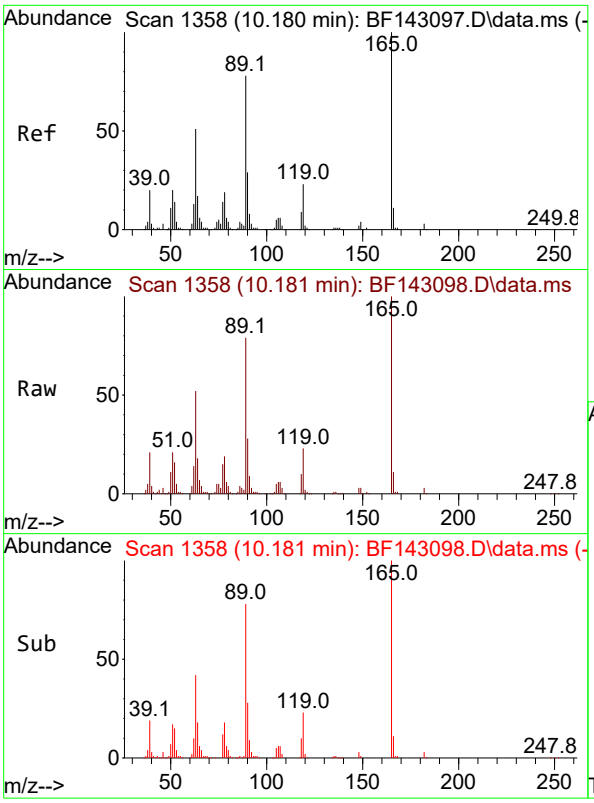


#56
4-Nitrophenol
Concen: 55.203 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:139 Resp: 133073

Ion	Ratio	Lower	Upper
139	100		
109	70.9	49.4	89.4
65	105.2	88.2	128.2

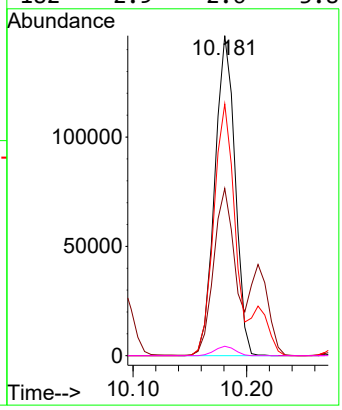




#57
2,4-Dinitrotoluene
Concen: 52.116 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:165 Resp: 18161

Ion	Ratio	Lower	Upper
165	100		
63	52.2	40.6	61.0
89	78.6	62.3	93.5
182	2.9	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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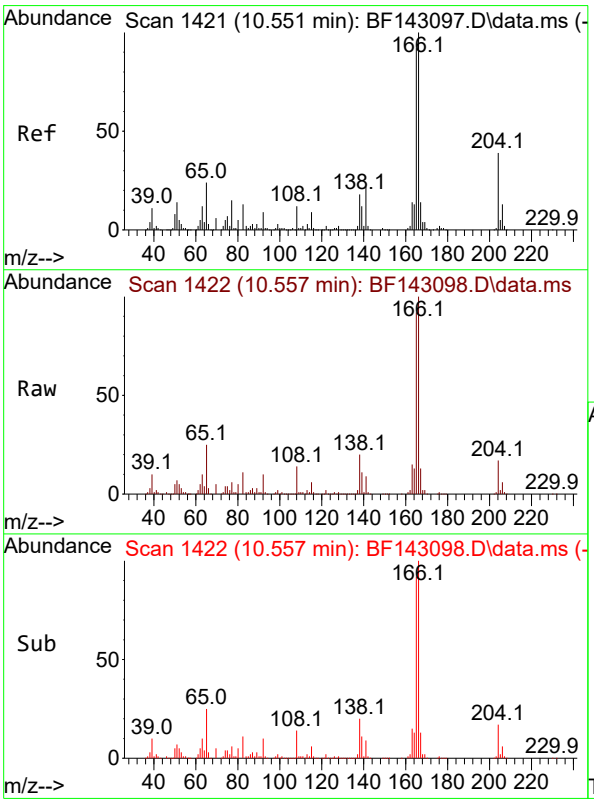
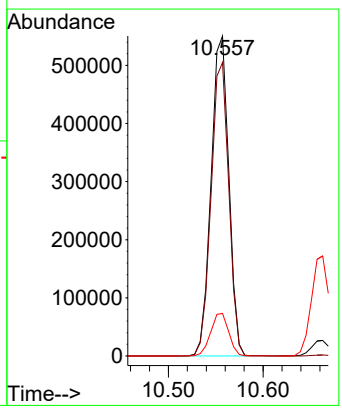
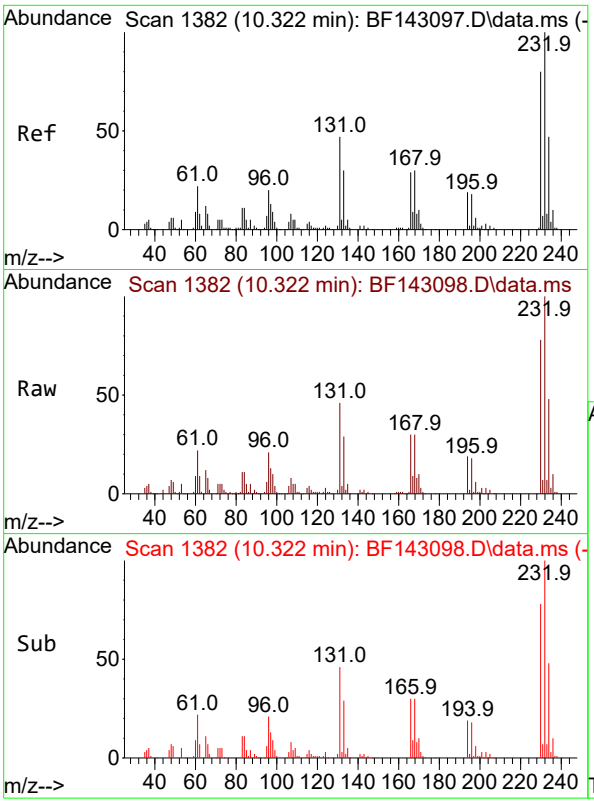


#58
Fluorene
Concen: 49.859 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:166 Resp: 716173

Ion	Ratio	Lower	Upper
166	100		
165	91.7	73.7	110.5
167	13.3	10.9	16.3

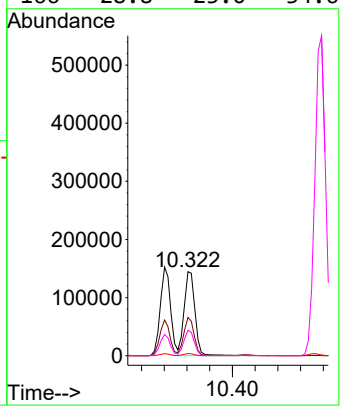




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.202 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:232 Resp: 18921

Ion	Ratio	Lower	Upper
232	100		
131	43.8	36.9	55.3
130	2.3	1.8	2.8
166	28.8	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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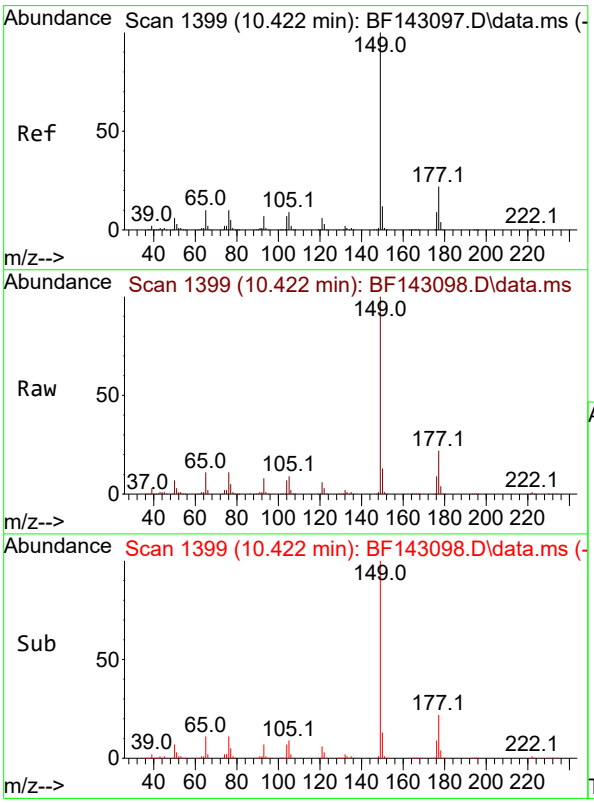
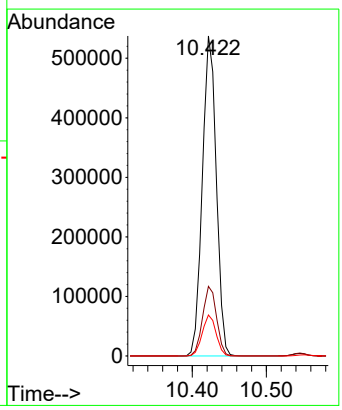
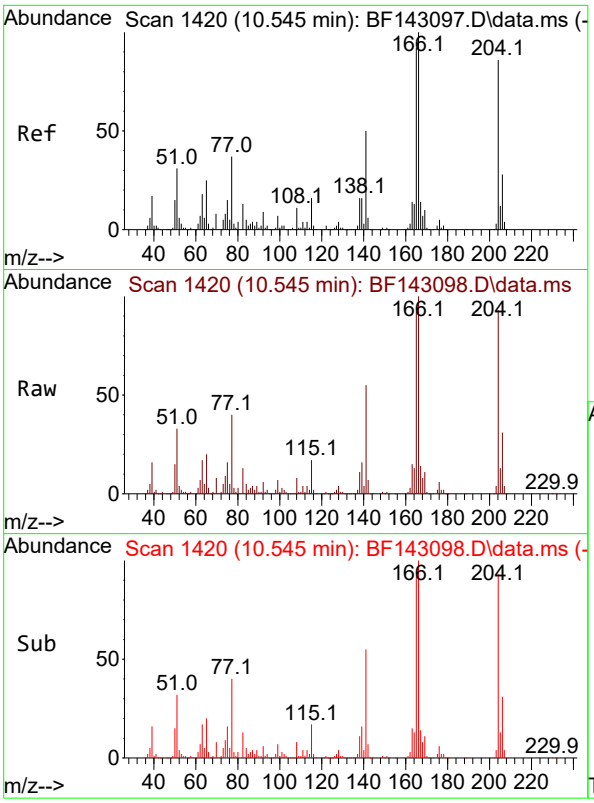


#60
Diethylphthalate
Concen: 51.909 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:149 Resp: 702995

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	12.8	9.9	14.9

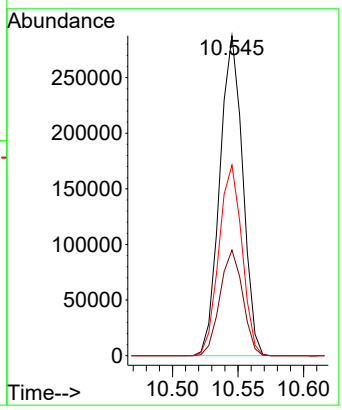




#61
4-Chlorophenyl-phenylether
Concen: 50.675 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:204 Resp: 34887

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	59.6	46.8	70.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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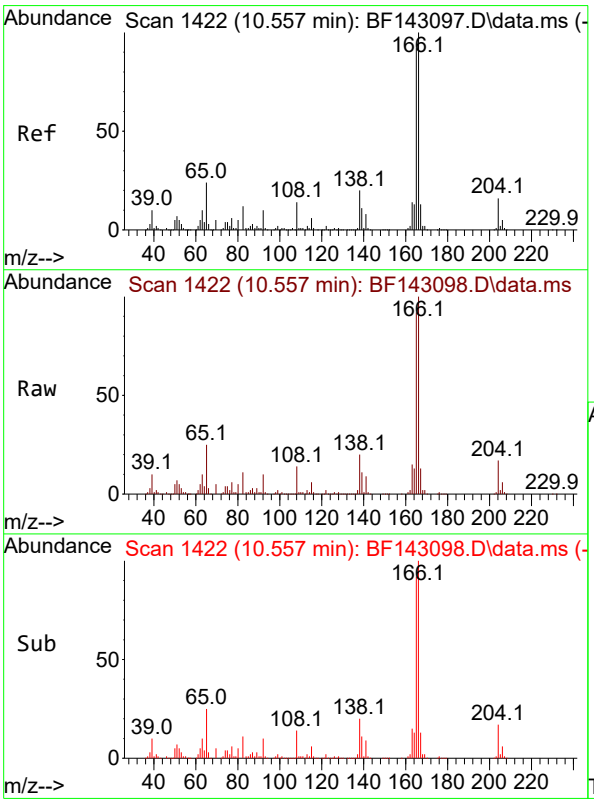
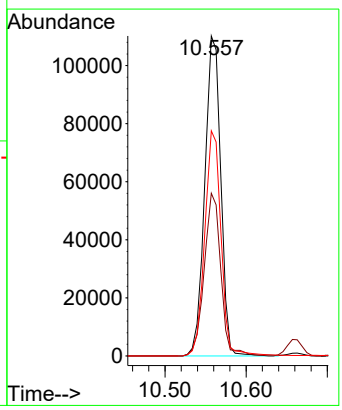
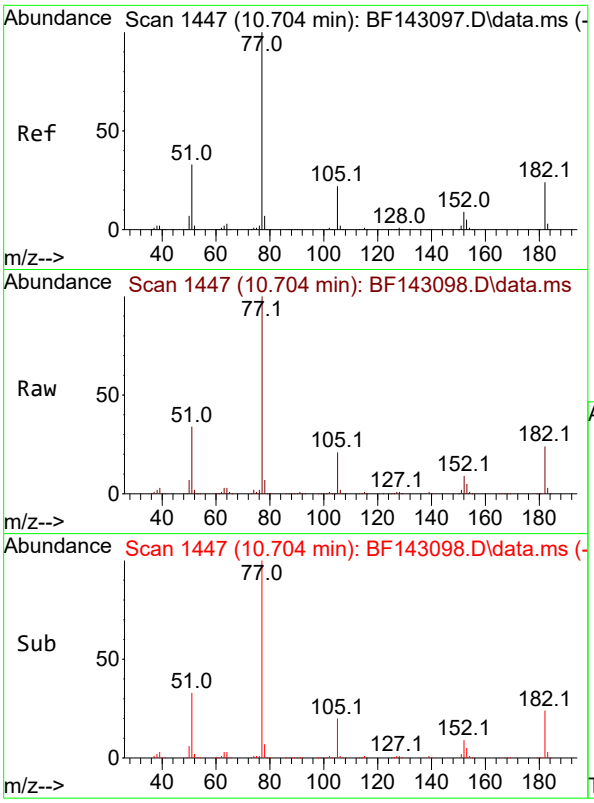


#62
4-Nitroaniline
Concen: 57.045 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:138 Resp: 150470

Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.4	70.4
108	70.3	49.5	89.5





#63
Azobenzene
Concen: 51.451 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 77060

Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.0	44.0
105	21.1	1.4	41.4
51	33.7	14.3	54.3

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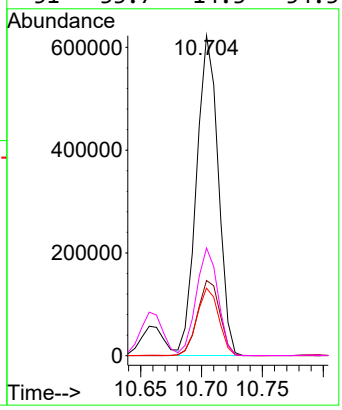
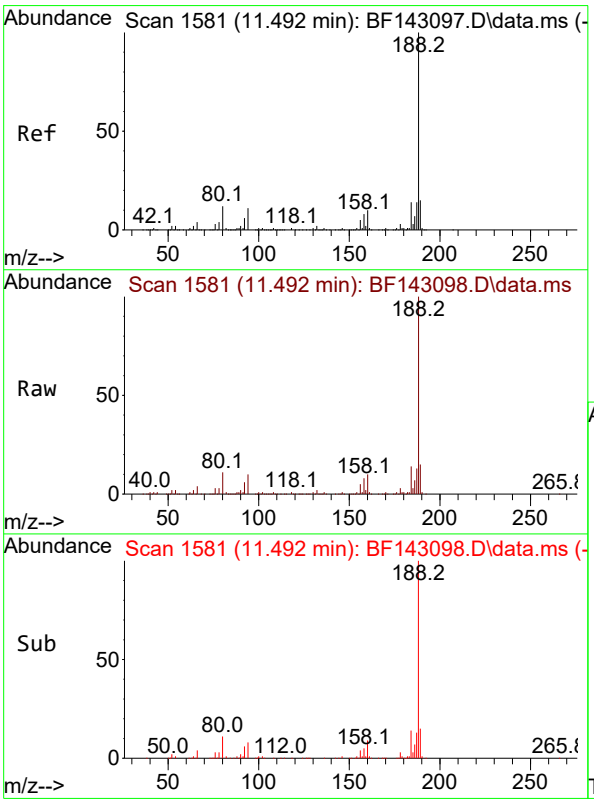
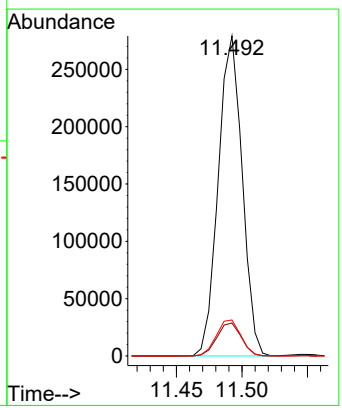


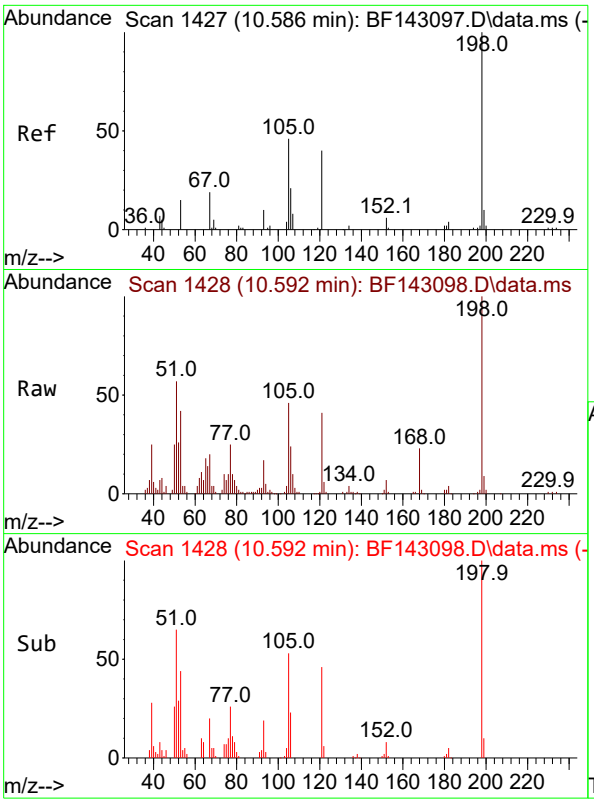


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:188 Resp: 354075

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	11.3	9.3	13.9





#65
4,6-Dinitro-2-methylphenol
Concen: 51.847 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:198 Resp: 7032

Ion	Ratio	Lower	Upper
198	100		
51	56.6	44.6	84.6
105	46.4	29.3	69.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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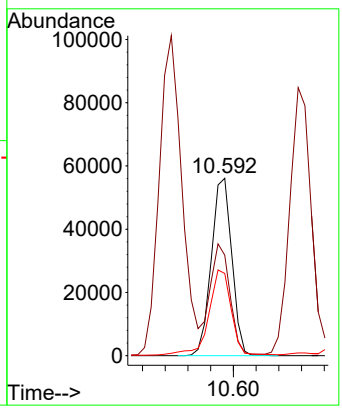
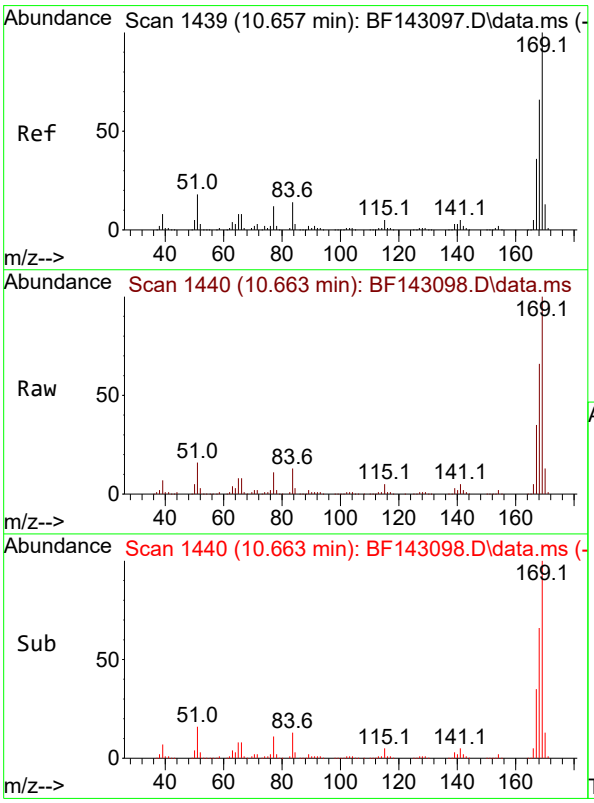
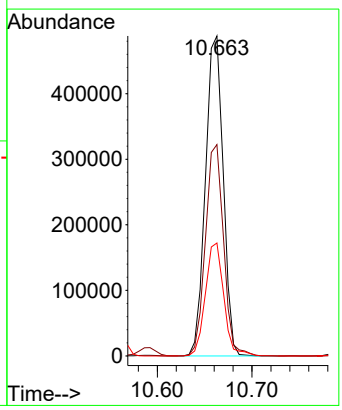


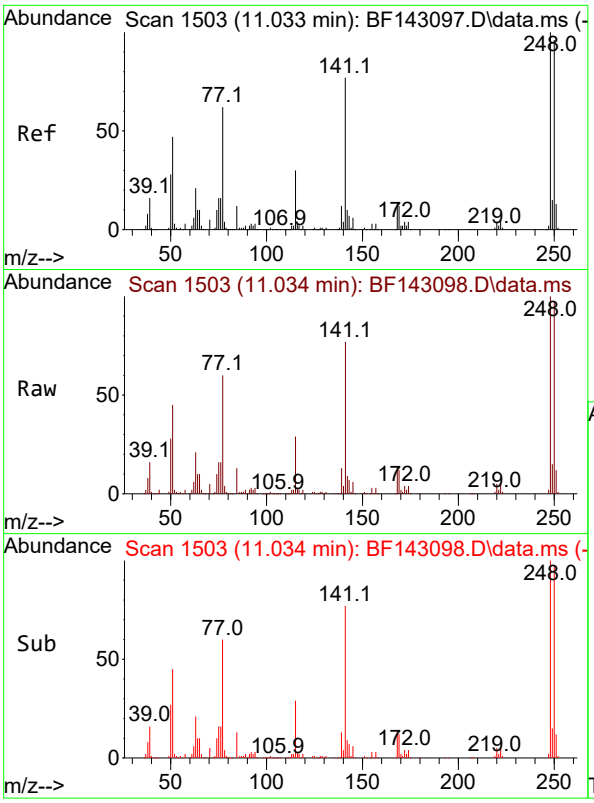


#66
n-Nitrosodiphenylamine
Concen: 51.019 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:169 Resp: 634539

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.6
167	35.3	28.4	42.6

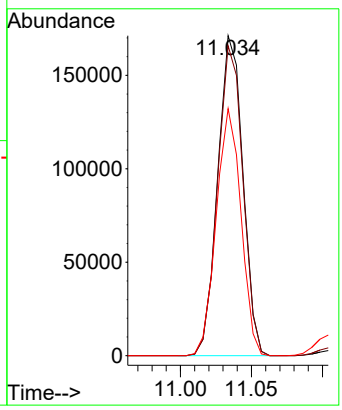




#67
4-Bromophenyl-phenylether
Concen: 52.494 ng
RT: 11.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:248 Resp: 21137

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	77.2	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
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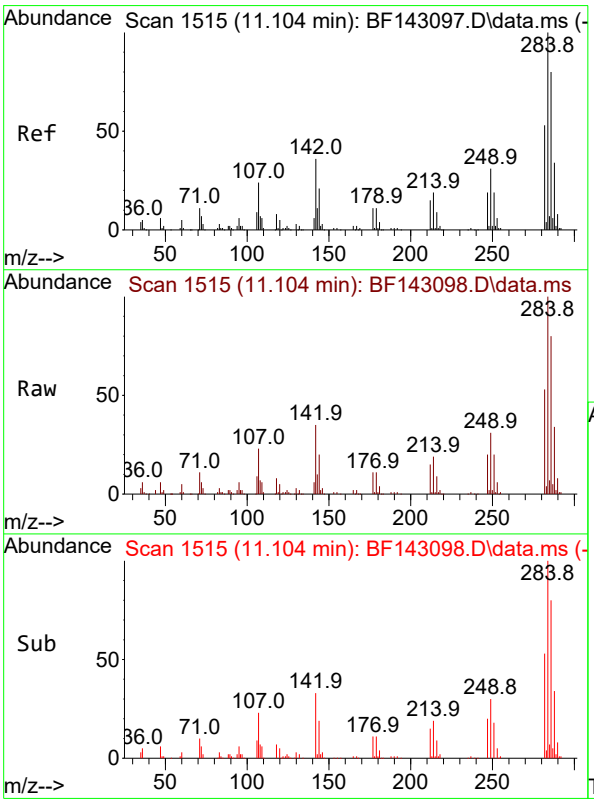
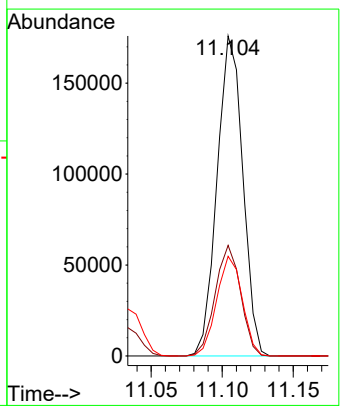
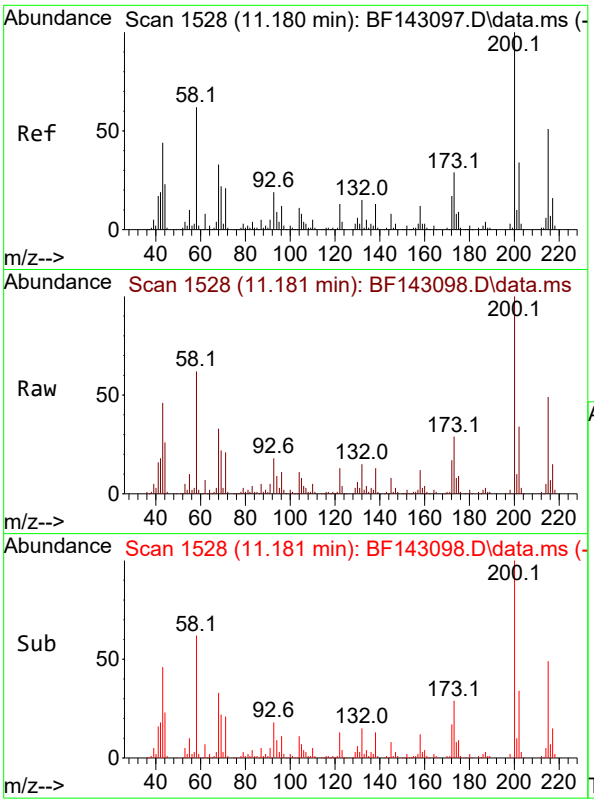


#68
Hexachlorobenzene
Concen: 51.785 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:284 Resp: 221245

Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.9	43.3
249	31.1	24.6	37.0





#69
Atrazine
Concen: 54.359 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:200 Resp: 17297

Ion	Ratio	Lower	Upper
200	100		
173	29.0	9.1	49.1
215	49.4	31.0	71.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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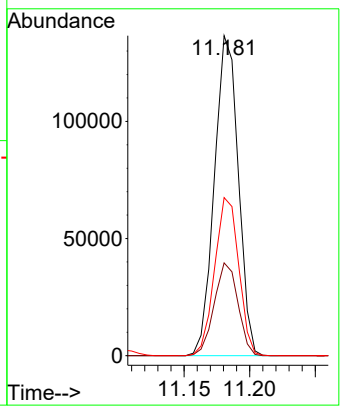
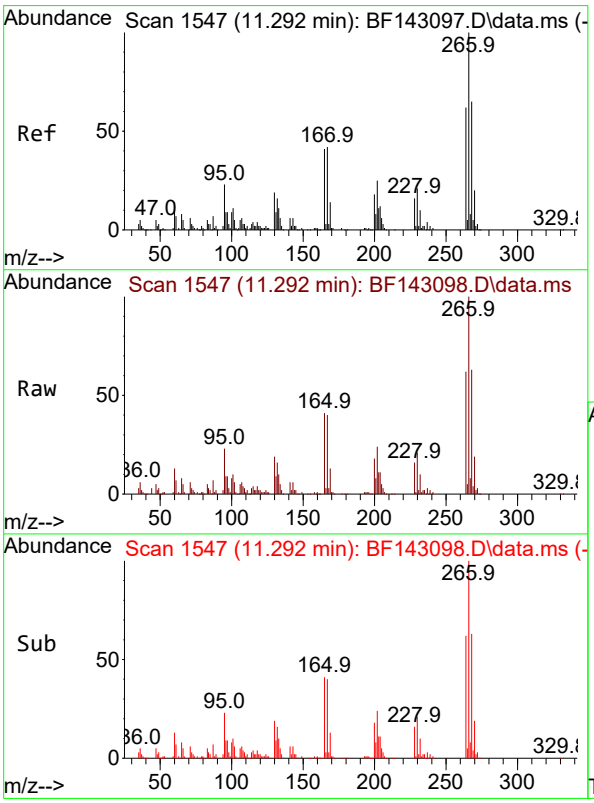
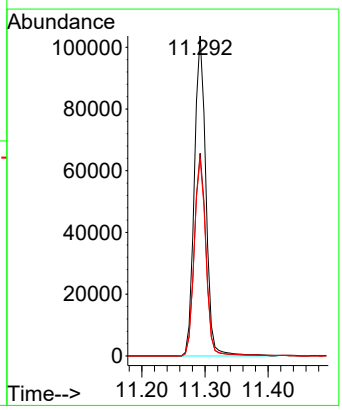


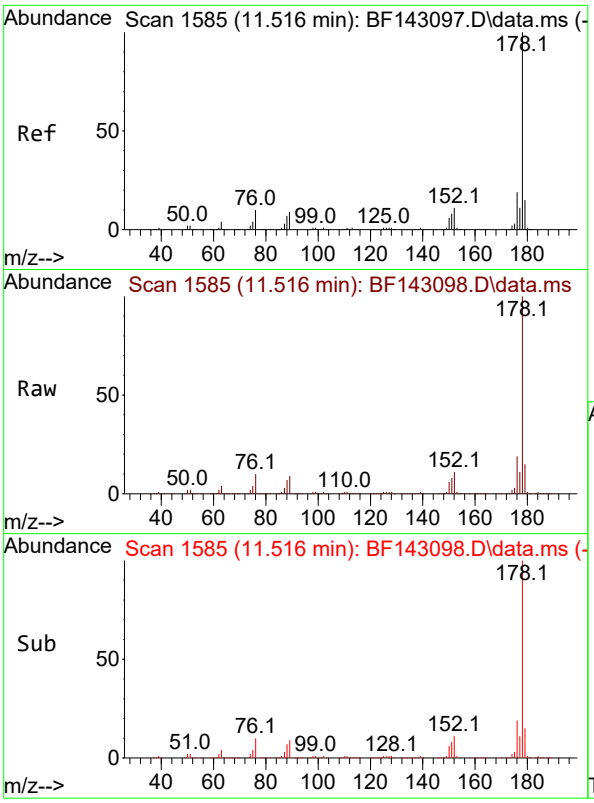


#70
Pentachlorophenol
Concen: 56.120 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:266 Resp: 131545

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.8	77.6
264	61.7	49.7	74.5

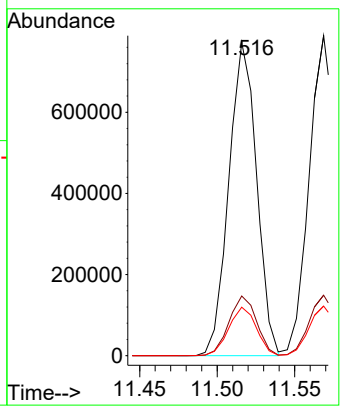




#71
Phenanthrene
Concen: 50.425 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:178 Resp: 96356

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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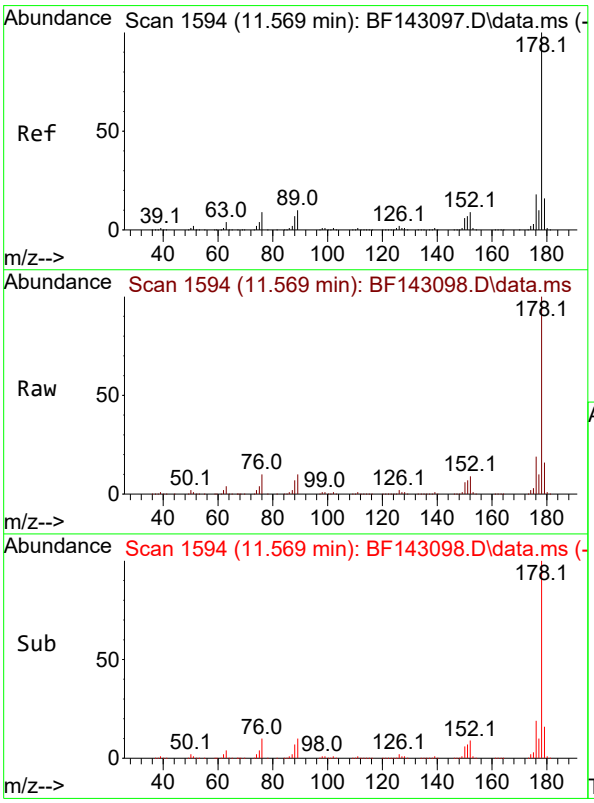
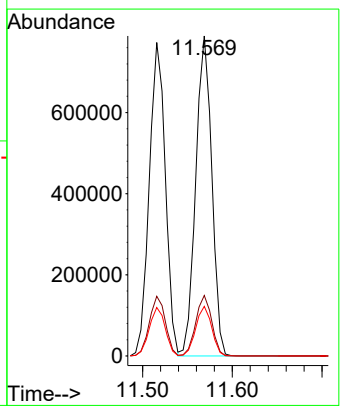
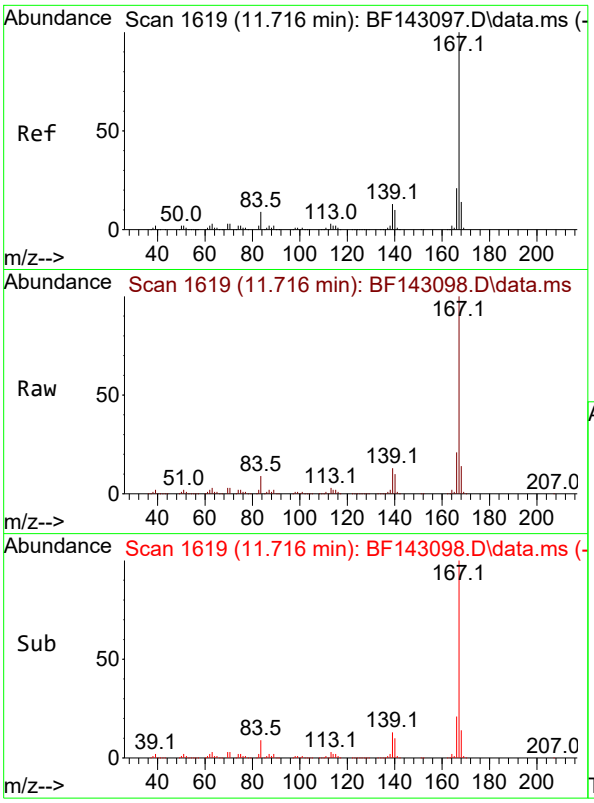


#72
Anthracene
Concen: 50.953 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:178 Resp: 979118

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.5	12.4	18.6





#73
Carbazole
Concen: 51.340 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:167 Resp: 88382

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.7	10.2	15.4

Instrument :
BNA_F
ClientSampleId :
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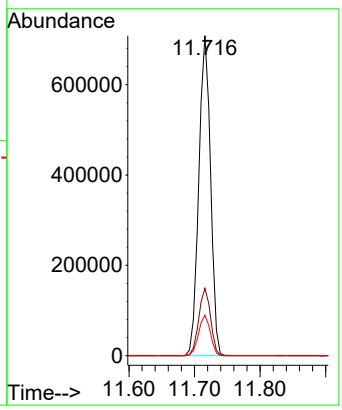
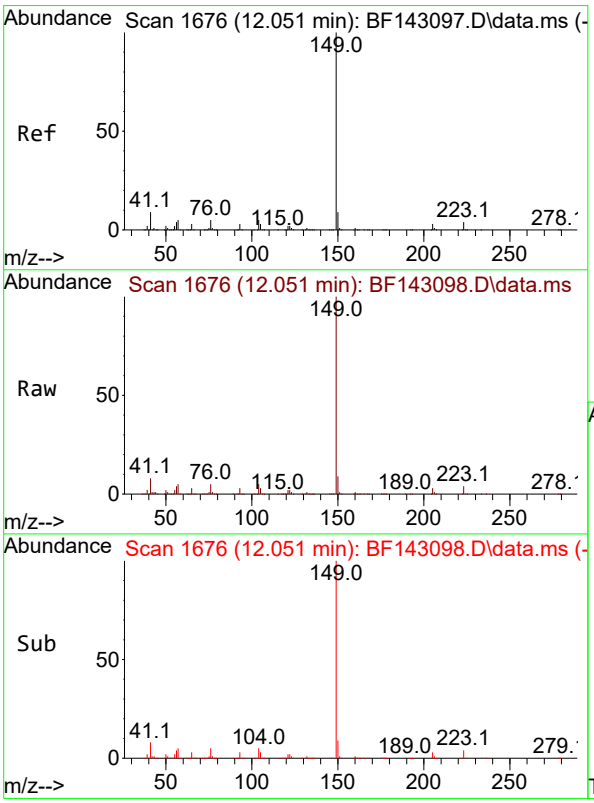
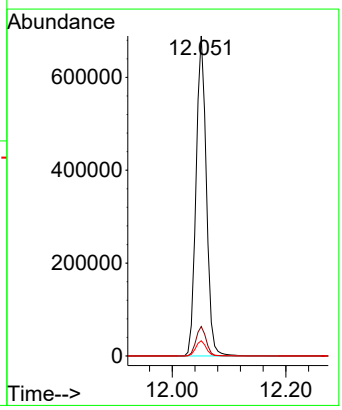


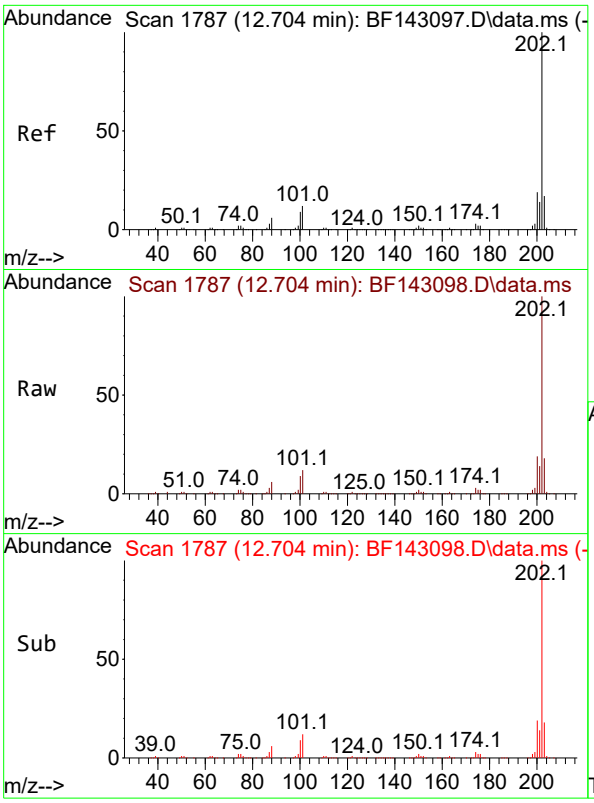


#74
Di-n-butylphthalate
Concen: 55.079 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:149 Resp: 870362

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	3.8	5.8





#75
Fluoranthene
Concen: 50.852 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:202 Resp: 88355

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
203	17.5	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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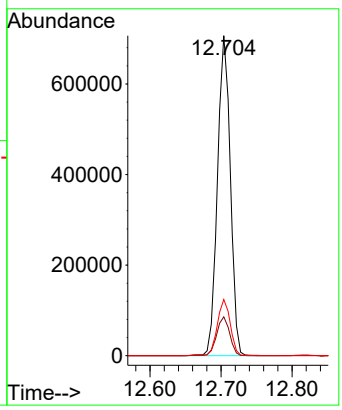
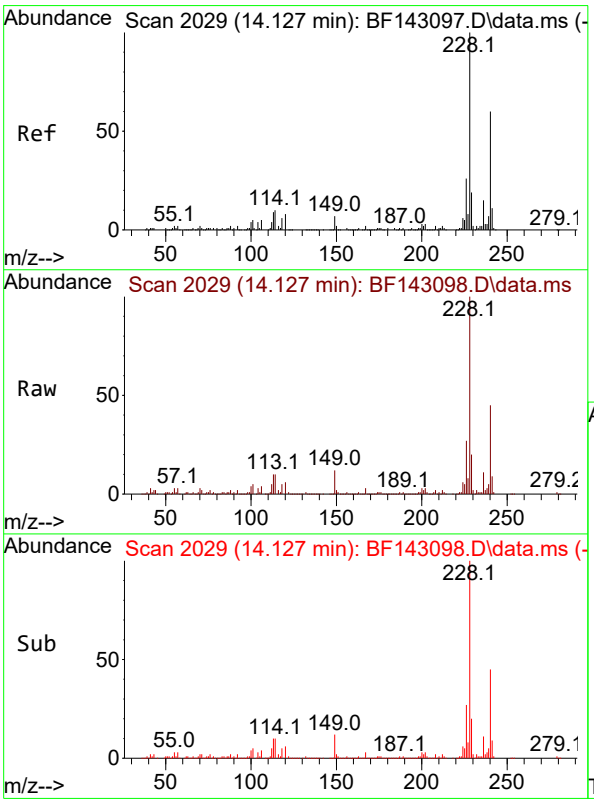
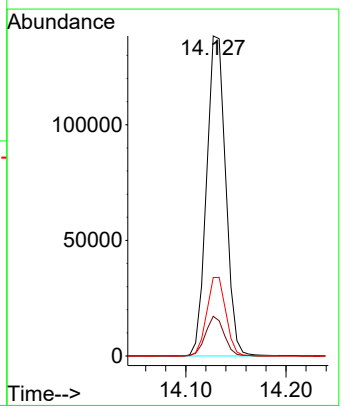


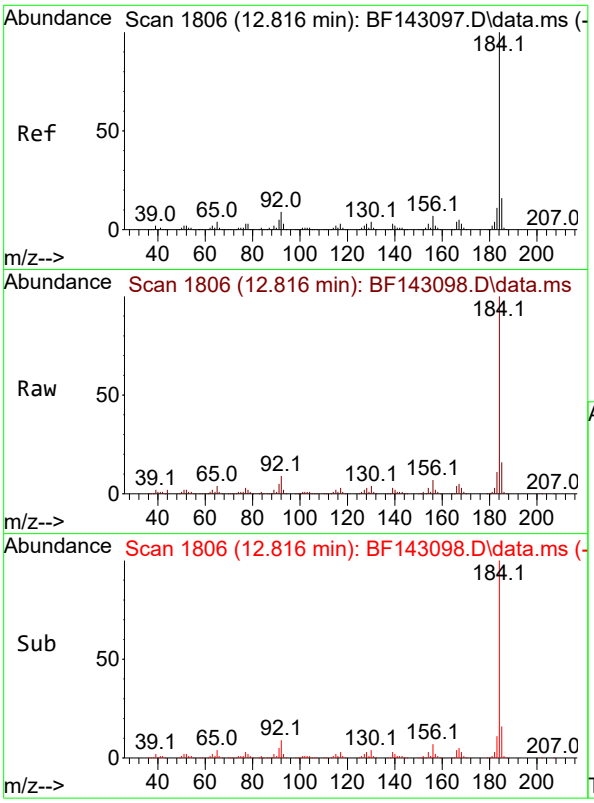


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:240 Resp: 183692

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	24.5	20.0	30.0





#77
Benzidine
Concen: 49.425 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:184 Resp: 30931

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.4	18.6
183	11.1	8.6	12.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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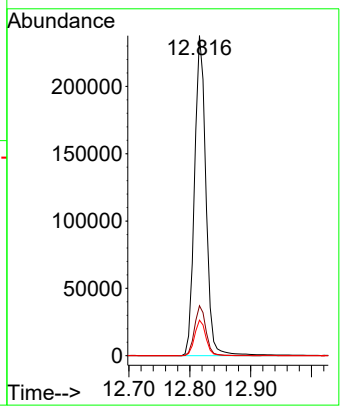
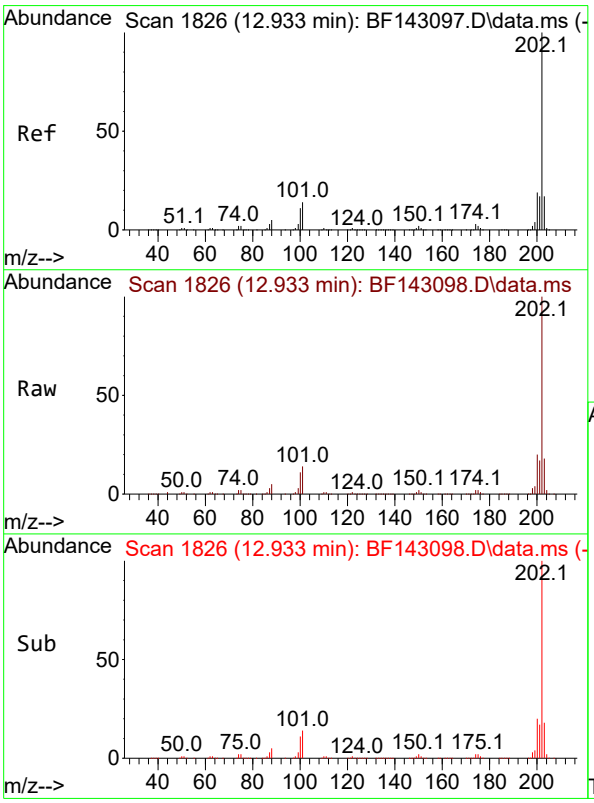
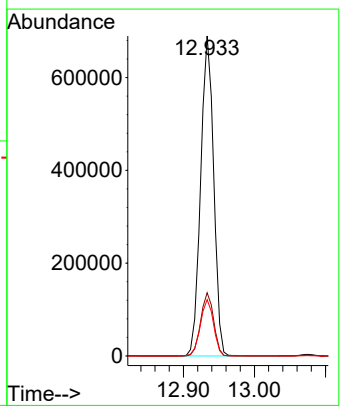


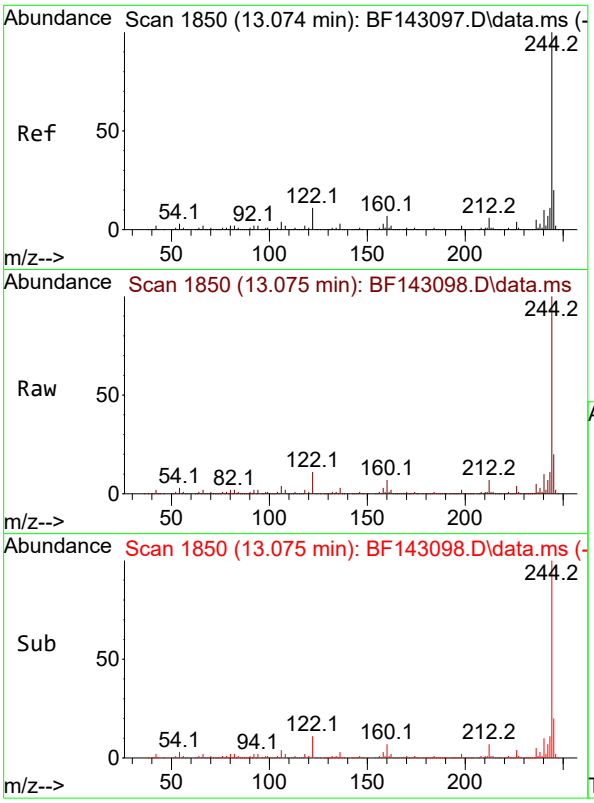


#78
Pyrene
Concen: 51.681 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:202 Resp: 880826

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	17.6	14.0	21.0

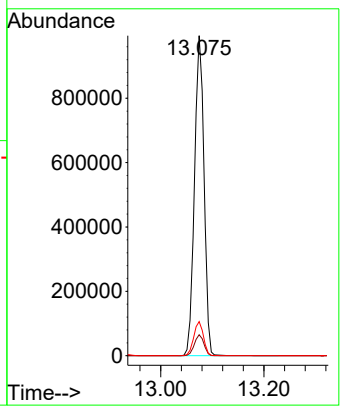




#79
Terphenyl-d14
Concen: 101.195 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:244 Resp: 127162

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.7	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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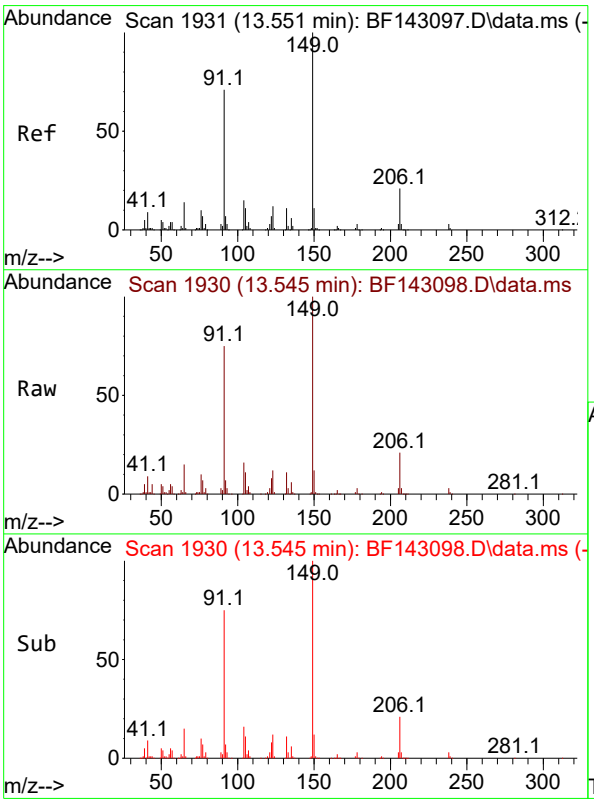
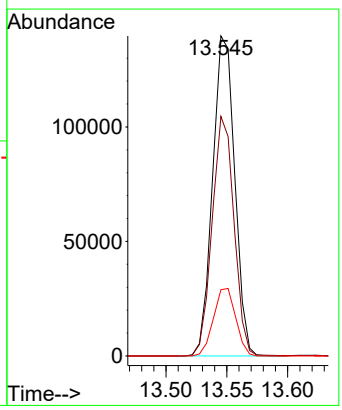
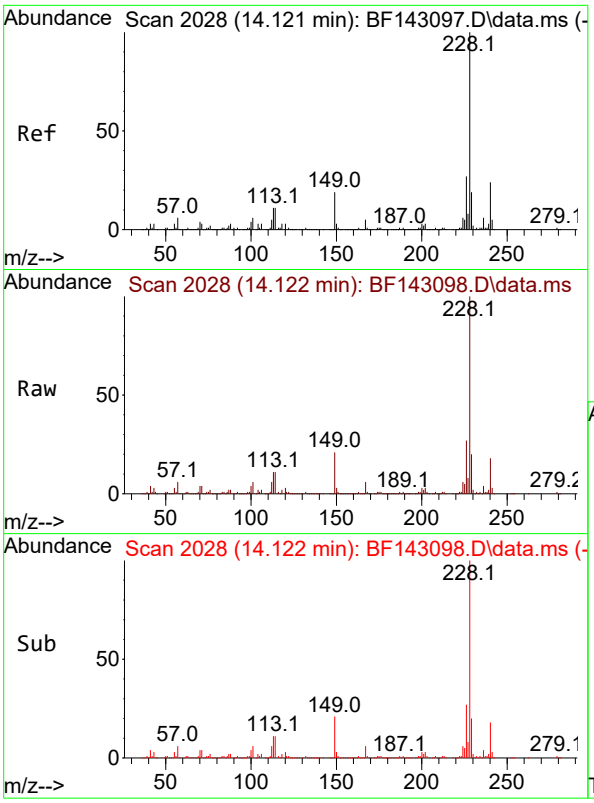


#80
Butylbenzylphthalate
Concen: 51.324 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:149 Resp: 176615

Ion	Ratio	Lower	Upper
149	100		
91	74.8	57.0	85.4
206	20.7	17.2	25.8

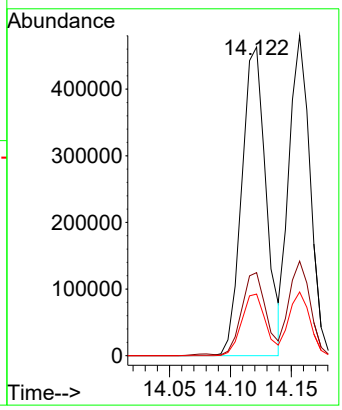




#81
Benzo(a)anthracene
Concen: 52.641 ng
RT: 14.122 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:228 Resp: 64435

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	20.0	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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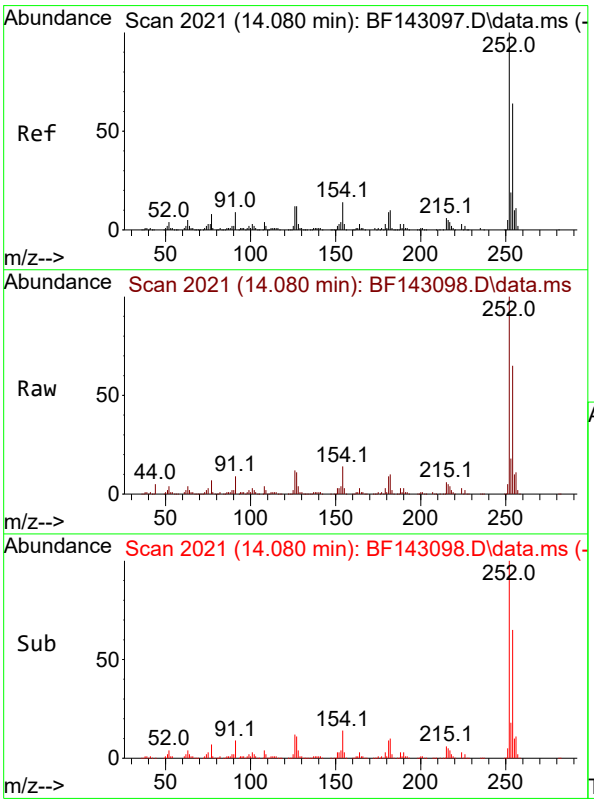
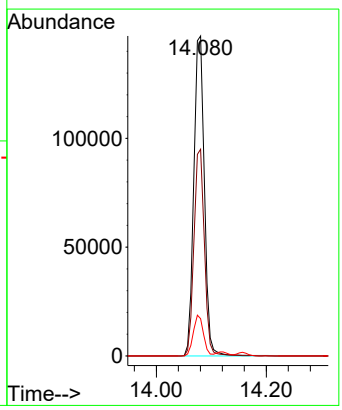
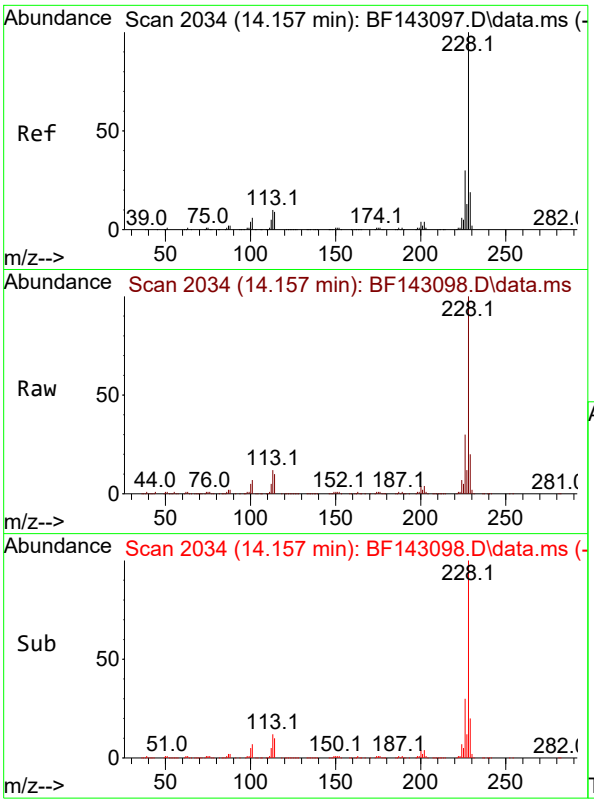


#82
3,3'-Dichlorobenzidine
Concen: 55.273 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:252 Resp: 196472

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	11.7	9.4	14.0





#83
Chrysene
Concen: 51.740 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:228 Resp: 58330

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.9	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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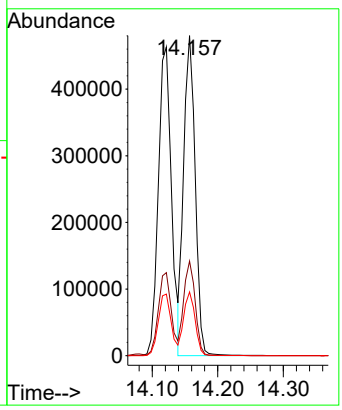
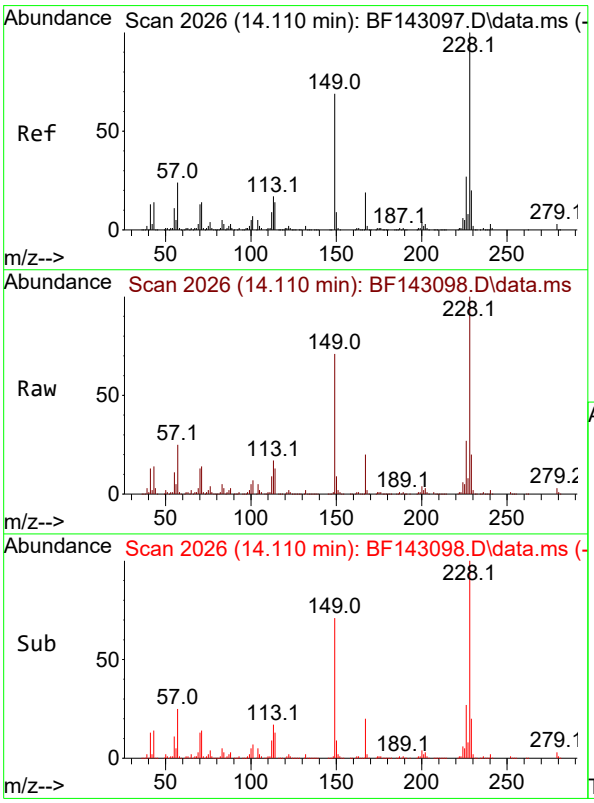
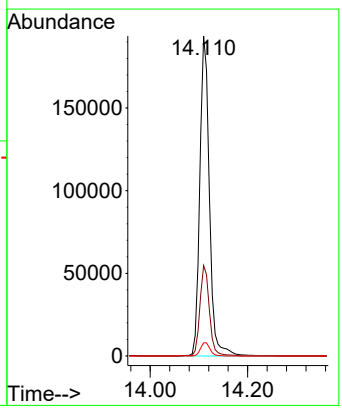


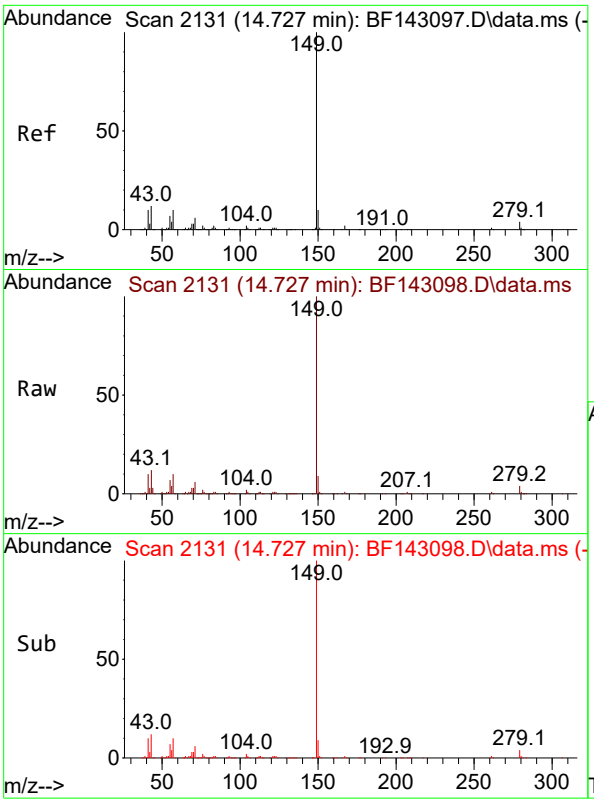


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.119 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:149 Resp: 265225

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.9	32.9
279	4.1	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 50.100 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:149 Resp: 49284

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.0	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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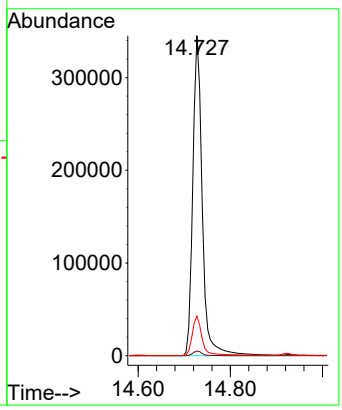
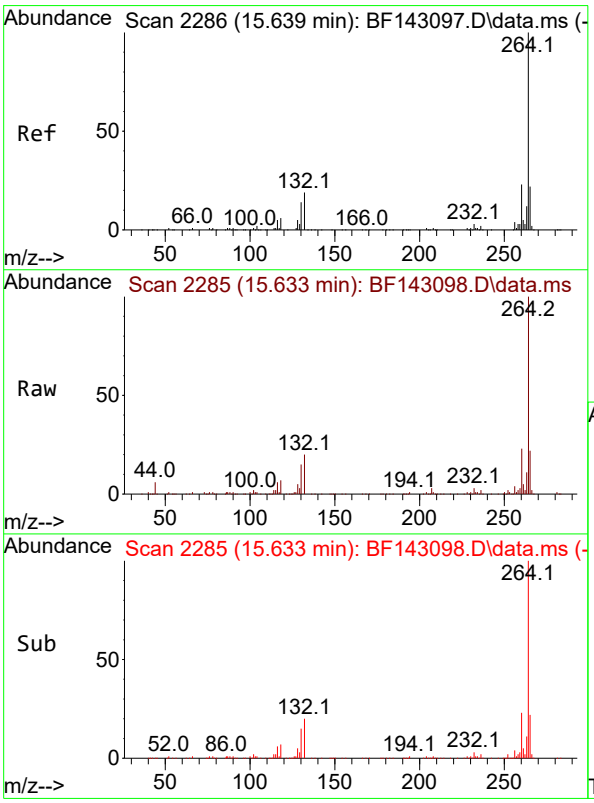
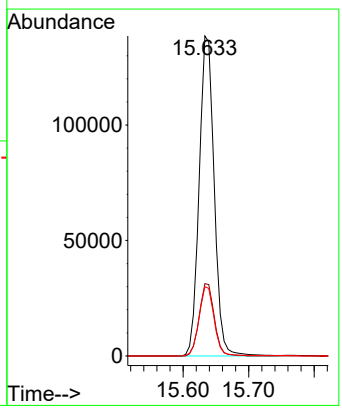


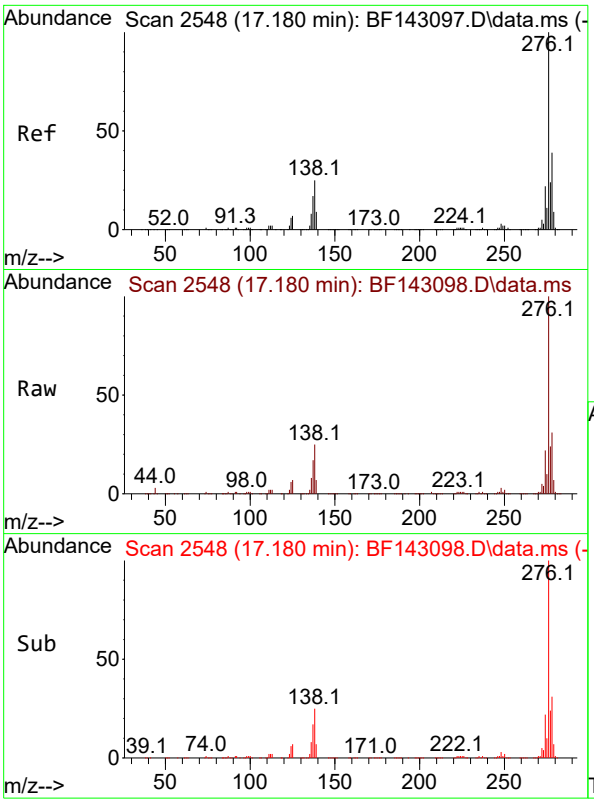


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:264 Resp: 221502

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.7	17.5	26.3

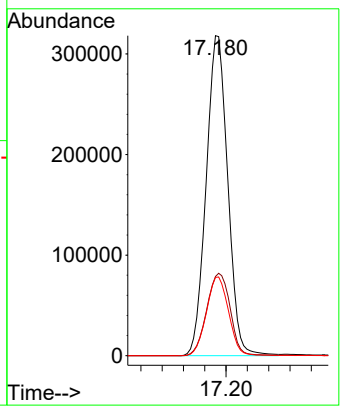




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.440 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:276 Resp: 89687

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.6	34.0
277	25.4	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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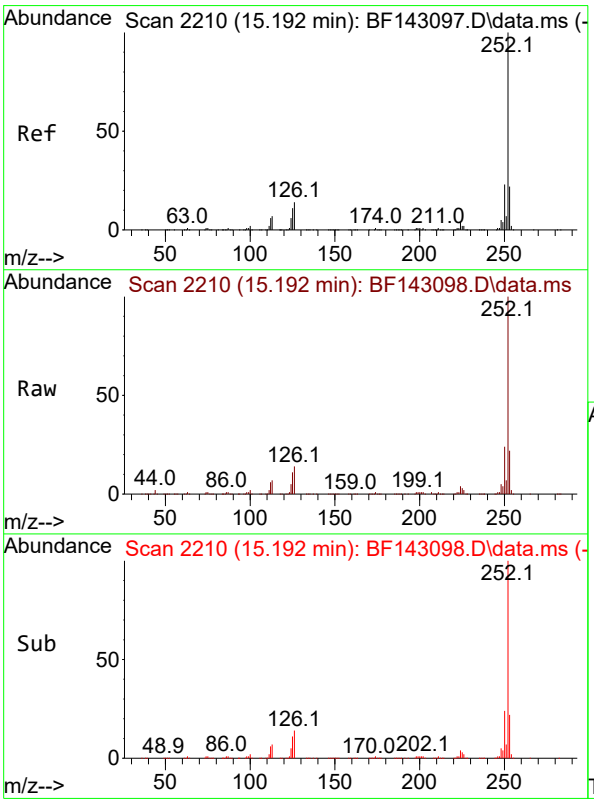
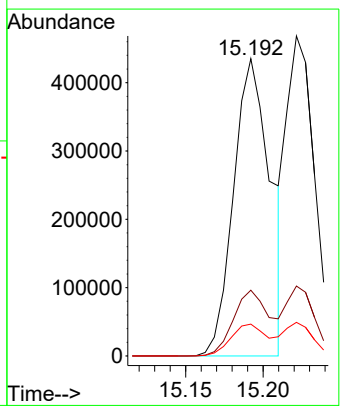
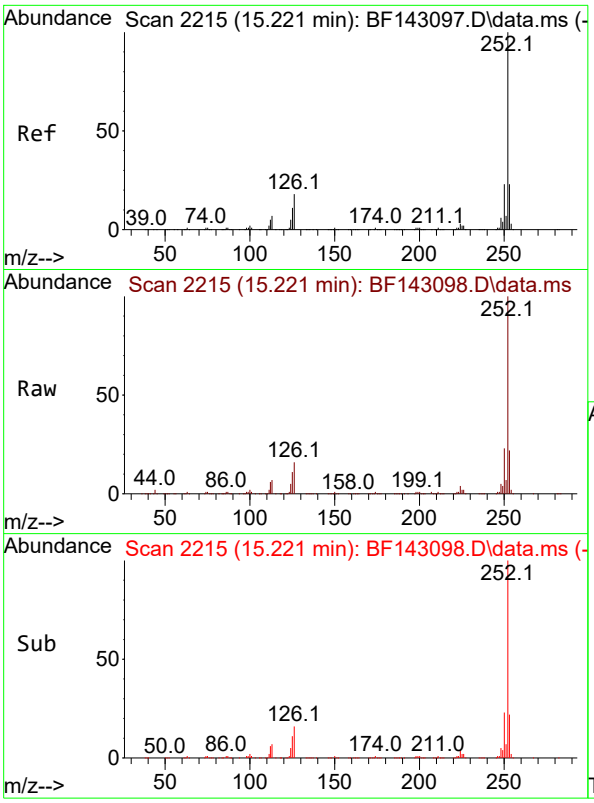


#88
Benzo(b)fluoranthene
Concen: 56.204 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:252 Resp: 718106

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.7	8.6	13.0

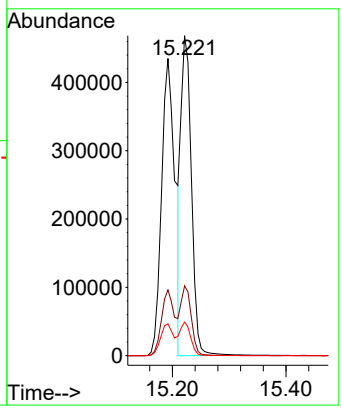




#89
Benzo(k)fluoranthene
Concen: 49.410 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:252 Resp: 60226

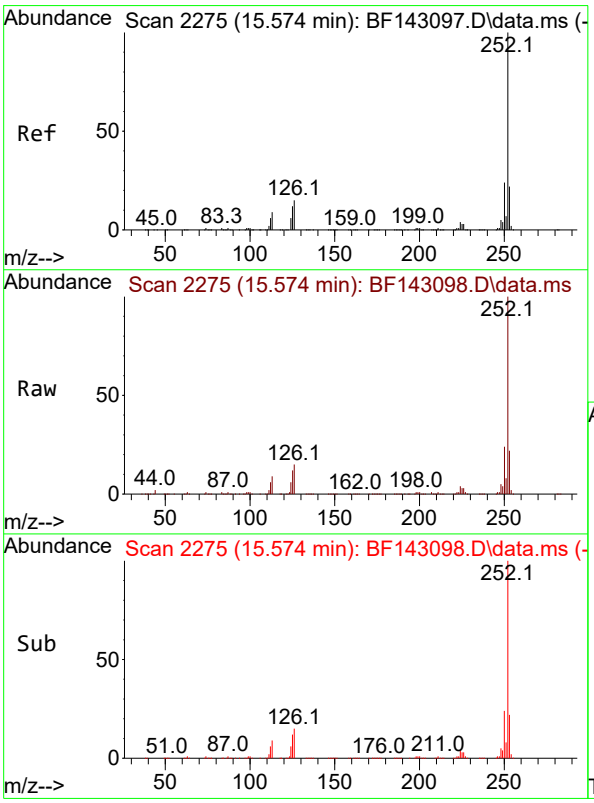
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.5	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

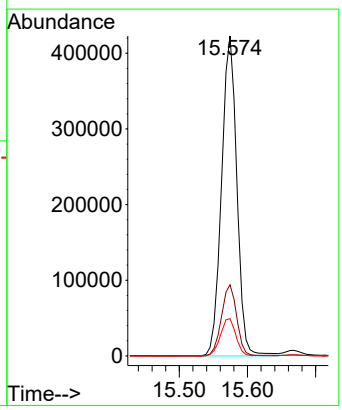
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

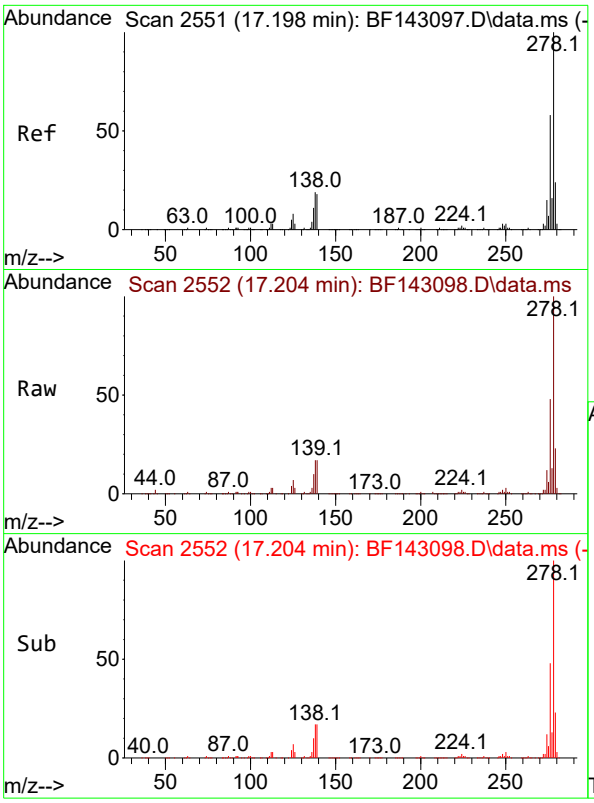


#90
Benzo(a)pyrene
Concen: 54.800 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:252 Resp: 662193

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.6	9.4	14.0

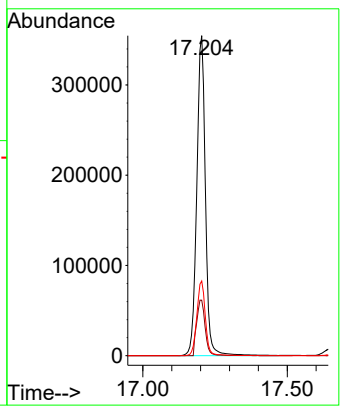




#91
Dibenzo(a,h)anthracene
Concen: 54.700 ng
RT: 17.204 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:278 Resp: 73667

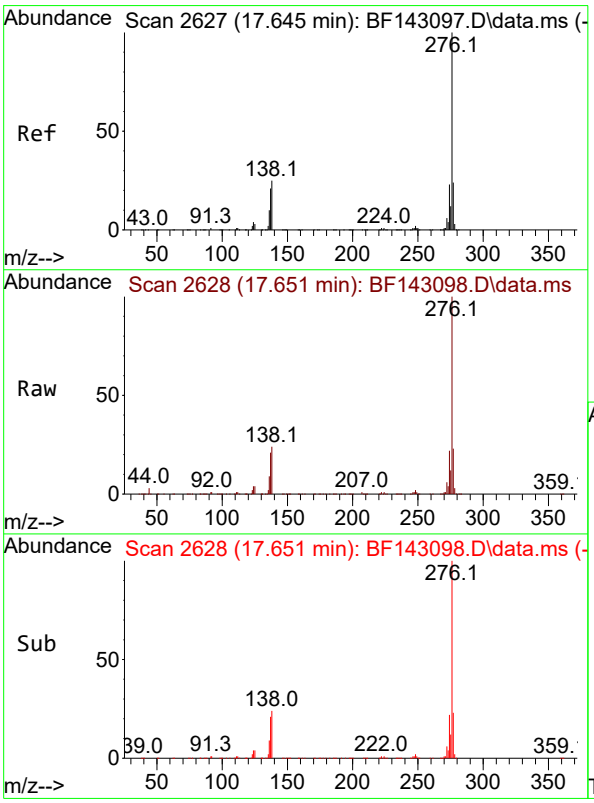
Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.6	22.0
279	23.3	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

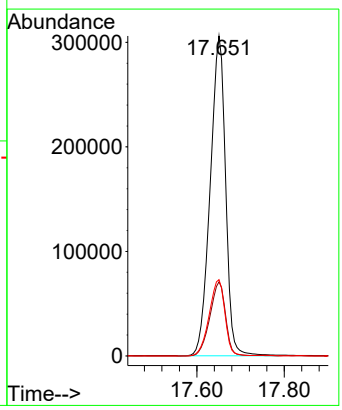
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 54.390 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.006 min
Lab File: BF143098.D
Acq: 15 Jul 2025 15:35

Tgt Ion:276 Resp: 746789

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	23.8	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143099.D
Acq On : 15 Jul 2025 16:05
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 15 17:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	133949	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	501735	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	246002	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	380313	20.000	ng		0.00
76) Chrysene-d12	14.133	240	205942	20.000	ng		0.00
86) Perylene-d12	15.639	264	260121	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	990040	116.776	ng		0.00
7) Phenol-d6	6.593	99	1243617	116.695	ng		0.00
23) Nitrobenzene-d5	7.534	82	1172838	131.129	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	286830	130.765	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1999612	108.050	ng		0.00
79) Terphenyl-d14	13.075	244	1539271	109.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	251636	59.625	ng		100
3) Pyridine	3.587	79	647877	60.624	ng		99
4) n-Nitrosodimethylamine	3.534	42	337438	60.943	ng		100
6) Aniline	6.634	93	882633	58.815	ng		100
8) 2-Chlorophenol	6.757	128	516965	60.690	ng		98
9) Benzaldehyde	6.522	77	467499	57.571	ng		99
10) Phenol	6.604	94	680847m	59.015	ng		
11) bis(2-Chloroethyl)ether	6.704	93	518695	58.076	ng		99
12) 1,3-Dichlorobenzene	6.916	146	557813	57.965	ng		99
13) 1,4-Dichlorobenzene	6.987	146	556805	57.513	ng		99
14) 1,2-Dichlorobenzene	7.140	146	530965	57.510	ng		98
15) Benzyl Alcohol	7.104	79	477773	60.505	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	941009	57.157	ng		99
17) 2-Methylphenol	7.210	107	432787	58.876	ng		99
18) Hexachloroethane	7.487	117	191457	60.747	ng		99
19) n-Nitroso-di-n-propyla...	7.387	70	379882	58.184	ng		98
20) 3+4-Methylphenols	7.369	107	519658	57.645	ng		98
22) Acetophenone	7.375	105	679007	56.141	ng	#	92
24) Nitrobenzene	7.551	77	550668	63.778	ng		99
25) Isophorone	7.793	82	1033650	59.793	ng		100
26) 2-Nitrophenol	7.863	139	219665	62.382	ng		98
27) 2,4-Dimethylphenol	7.898	122	474411	59.127	ng		98
28) bis(2-Chloroethoxy)met...	7.992	93	608314	58.029	ng		100
29) 2,4-Dichlorophenol	8.104	162	408655	62.256	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	431427	57.913	ng		98
31) Naphthalene	8.275	128	1410509	56.612	ng		100
32) Benzoic acid	8.010	122	256755m	62.050	ng		
33) 4-Chloroaniline	8.316	127	574196	57.309	ng		99
34) Hexachlorobutadiene	8.398	225	265081	59.499	ng		99
35) Caprolactam	8.687	113	129583	63.219	ng		97
36) 4-Chloro-3-methylphenol	8.792	107	440907	60.299	ng		98
37) 2-Methylnaphthalene	8.963	142	846190	56.930	ng		100
38) 1-Methylnaphthalene	9.063	142	869460	56.399	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	414099	57.762	ng		99
41) Hexachlorocyclopentadiene	9.122	237	262731	66.101	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	290245	65.157	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143099.D
Acq On : 15 Jul 2025 16:05
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	277922	59.502	ng		99
46) 1,1'-Biphenyl	9.428	154	1103990	56.274	ng		100
47) 2-Chloronaphthalene	9.451	162	826528	57.350	ng		98
48) 2-Nitroaniline	9.539	65	267636	61.259	ng		98
49) Acenaphthylene	9.869	152	1378196	57.388	ng		100
50) Dimethylphthalate	9.728	163	899456	58.118	ng		100
51) 2,6-Dinitrotoluene	9.781	165	193185	62.287	ng		93
52) Acenaphthene	10.045	154	802583	56.633	ng		99
53) 3-Nitroaniline	9.951	138	230773	69.008	ng		96
54) 2,4-Dinitrophenol	10.051	184	66479	61.314	ng	#	4
55) Dibenzofuran	10.216	168	1184002	56.052	ng		100
56) 4-Nitrophenol	10.098	139	174657	65.716	ng		96
57) 2,4-Dinitrotoluene	10.186	165	235488	60.695	ng		99
58) Fluorene	10.557	166	875218	55.265	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	238428	64.235	ng		98
60) Diethylphthalate	10.428	149	876047	58.672	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	432659	57.000	ng		99
62) 4-Nitroaniline	10.563	138	194271	66.802	ng		97
63) Azobenzene	10.704	77	946204	57.300	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	96305	62.285	ng		98
66) n-Nitrosodiphenylamine	10.663	169	781087	58.469	ng		100
67) 4-Bromophenyl-phenylether	11.039	248	260491	60.229	ng		96
68) Hexachlorobenzene	11.110	284	273112	59.515	ng		95
69) Atrazine	11.186	200	211351	61.838	ng		99
70) Pentachlorophenol	11.292	266	165676	65.805	ng		99
71) Phenanthrene	11.516	178	1165047	56.762	ng		99
72) Anthracene	11.569	178	1188635	57.589	ng		100
73) Carbazole	11.716	167	1057291	57.179	ng		100
74) Di-n-butylphthalate	12.051	149	1074246	63.291	ng		100
75) Fluoranthene	12.704	202	1069898	57.328	ng		100
77) Benzidine	12.816	184	380587	54.244	ng		100
78) Pyrene	12.933	202	1060216	55.485	ng		99
80) Butylbenzylphthalate	13.551	149	243805	62.406	ng		98
81) Benzo(a)anthracene	14.122	228	819246	59.697	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	254086	63.758	ng		99
83) Chrysene	14.157	228	758916	60.044	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	364902	61.957	ng		100
85) Di-n-octyl phthalate	14.727	149	688940	60.817	ng		98
87) Indeno(1,2,3-cd)pyrene	17.192	276	1185702	61.286	ng		99
88) Benzo(b)fluoranthene	15.192	252	924866	61.640	ng		100
89) Benzo(k)fluoranthene	15.227	252	827274	57.794	ng		99
90) Benzo(a)pyrene	15.574	252	876856	61.791	ng		100
91) Dibenzo(a,h)anthracene	17.210	278	953666	60.300	ng		99
92) Benzo(g,h,i)perylene	17.657	276	982960	60.962	ng		99

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

ICAL Form

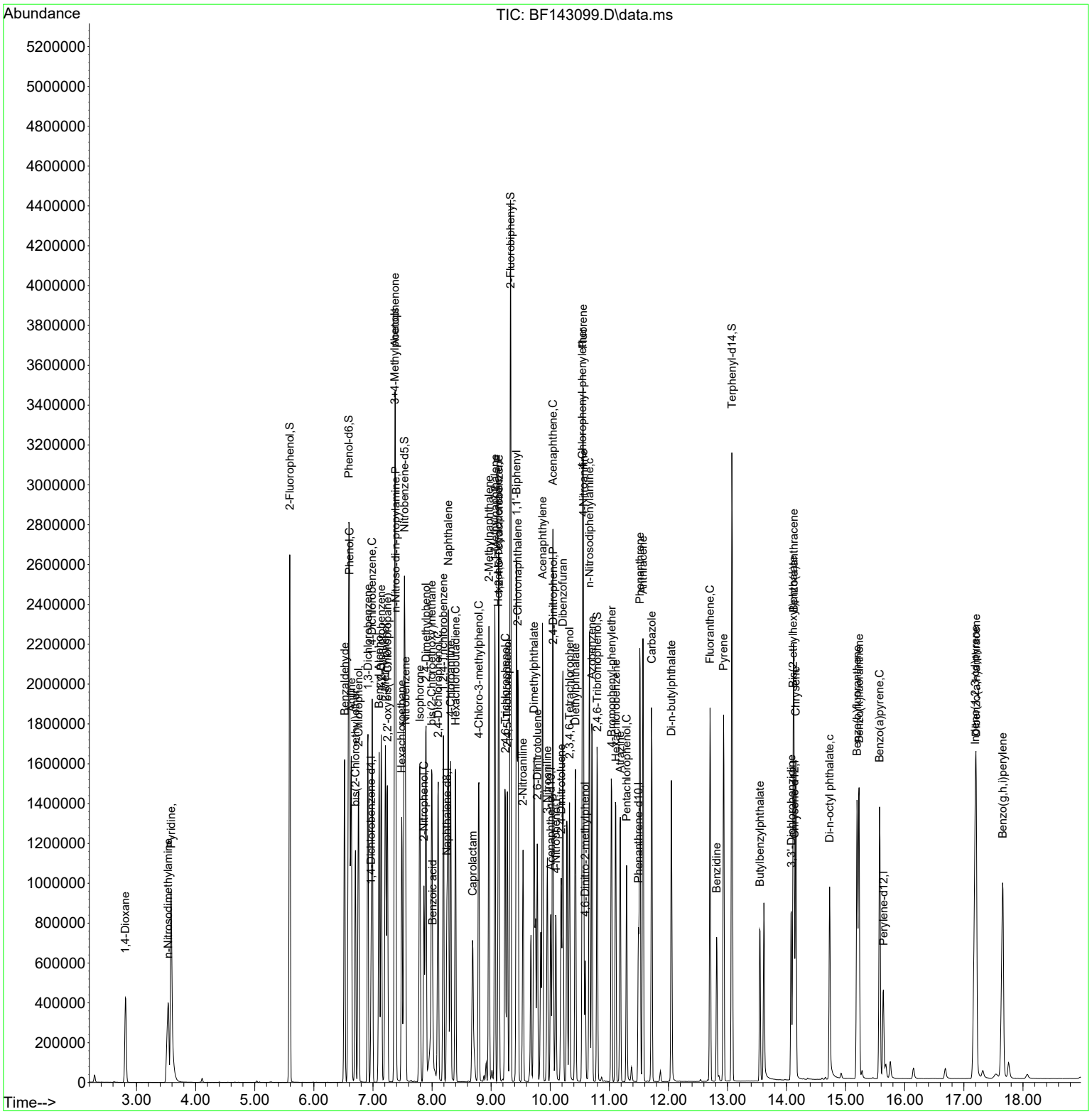
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143099.D
Acq On : 15 Jul 2025 16:05
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

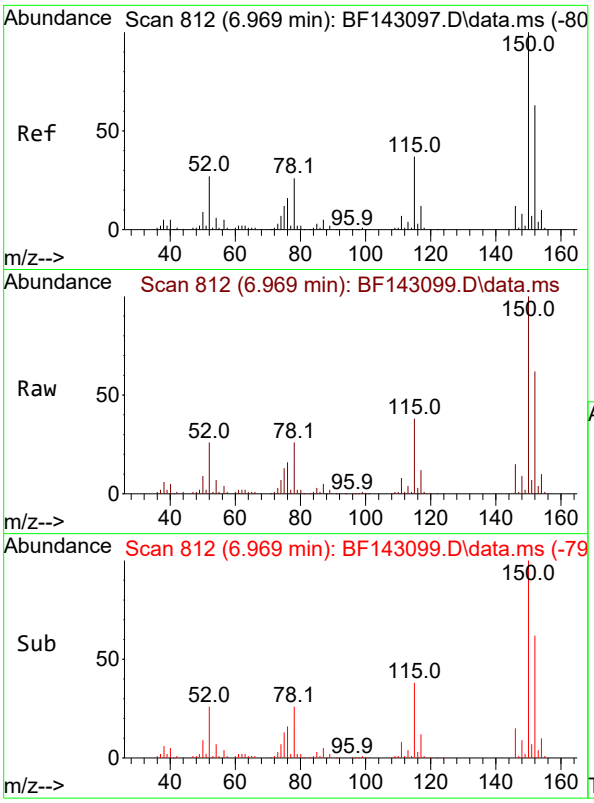
Quant Time: Jul 15 17:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

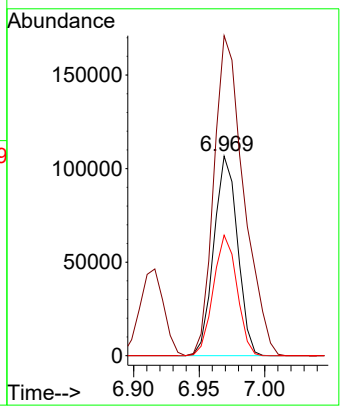




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:152 Resp: 13394

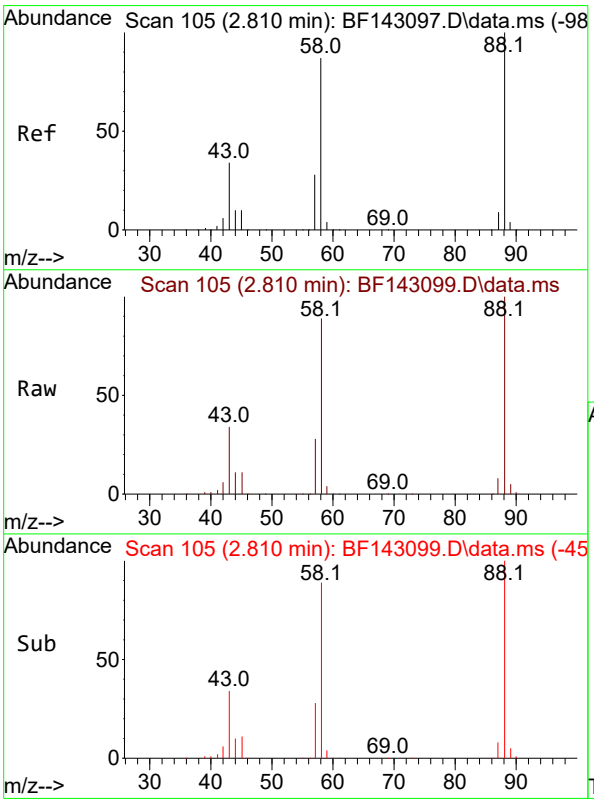
Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.5	189.7
115	60.4	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

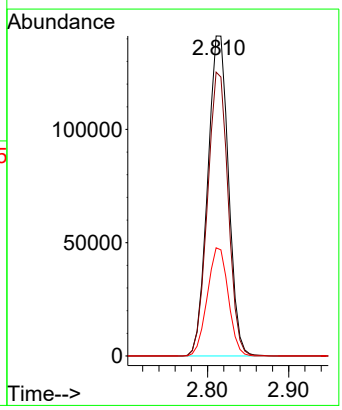
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

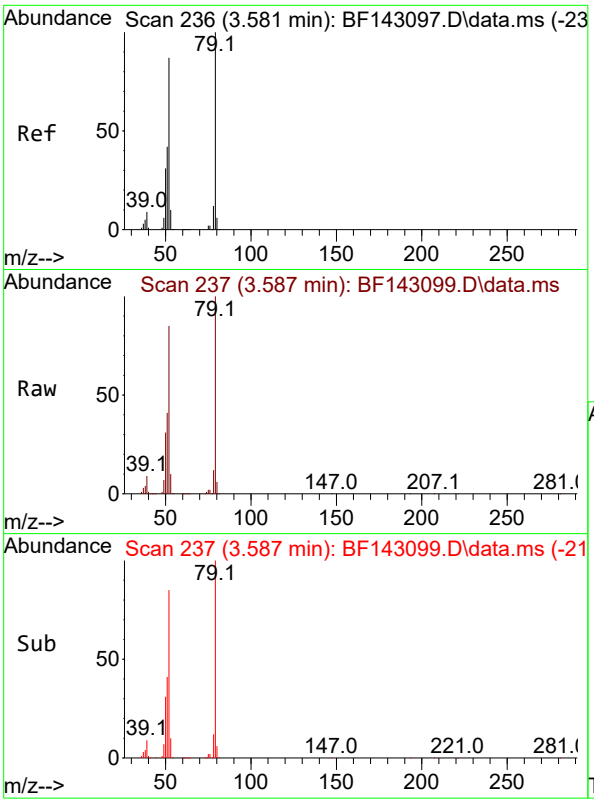


#2
1,4-Dioxane
Concen: 59.625 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 88 Resp: 251636

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.5	105.7
43	34.0	27.3	40.9

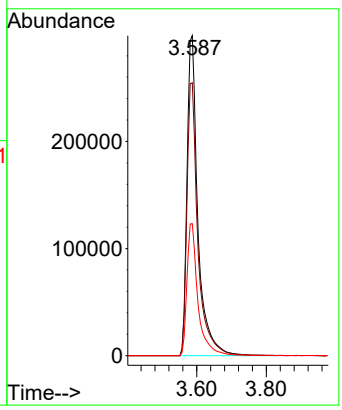




#3
Pyridine
Concen: 60.624 ng
RT: 3.587 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 79 Resp: 64787

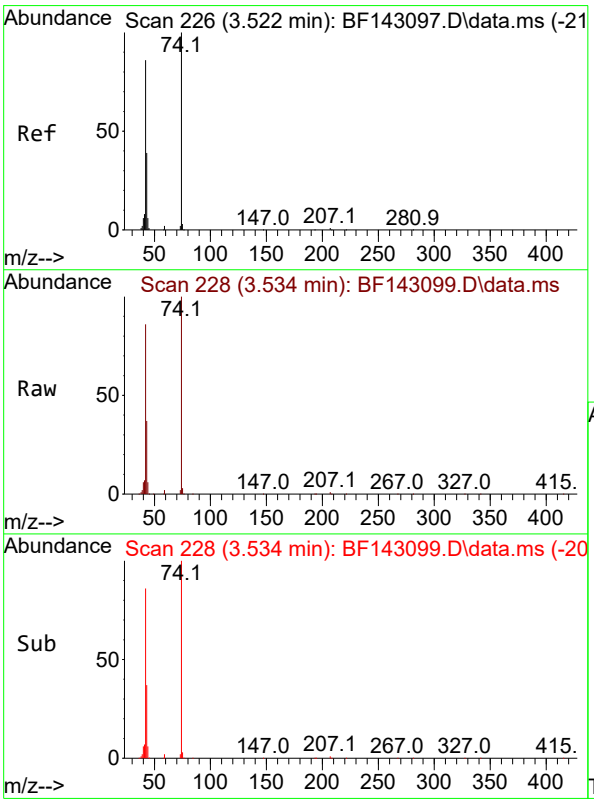
Ion	Ratio	Lower	Upper
79	100		
52	85.3	69.2	103.8
51	41.3	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

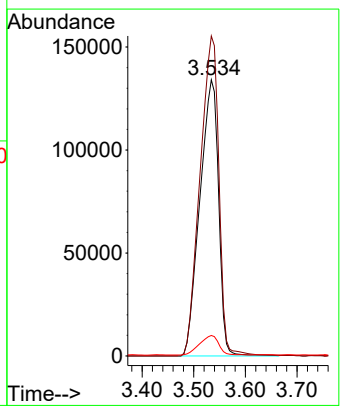
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

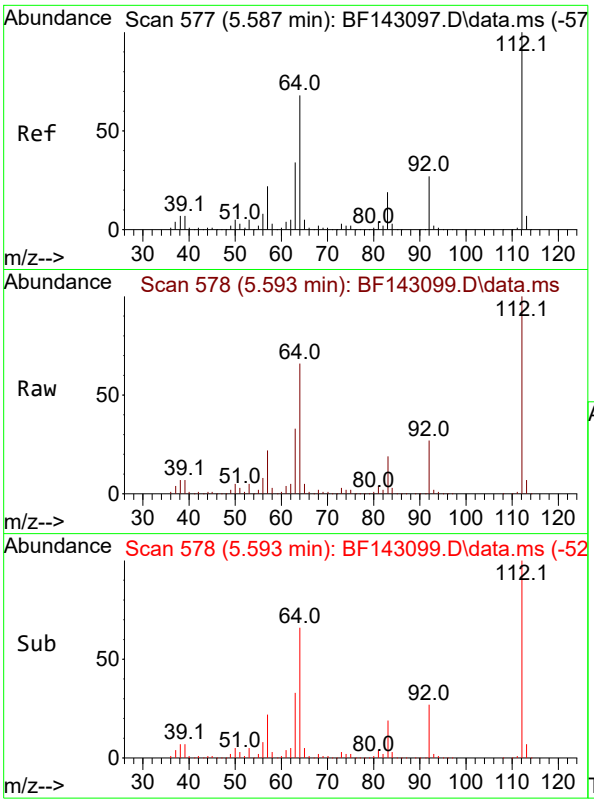


#4
n-Nitrosodimethylamine
Concen: 60.943 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 42 Resp: 337438

Ion	Ratio	Lower	Upper
42	100		
74	115.8	92.8	139.2
44	7.4	5.8	8.6

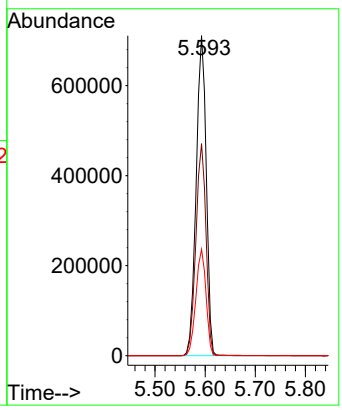




#5
2-Fluorophenol
Concen: 116.776 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:112 Resp: 99004

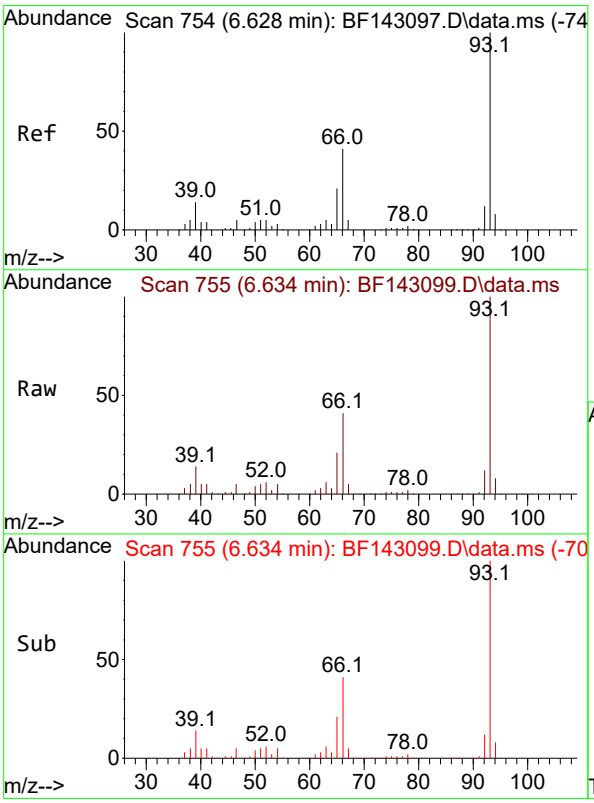
Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.6	82.0
63	33.2	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

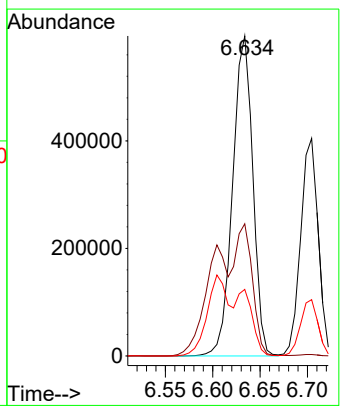
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

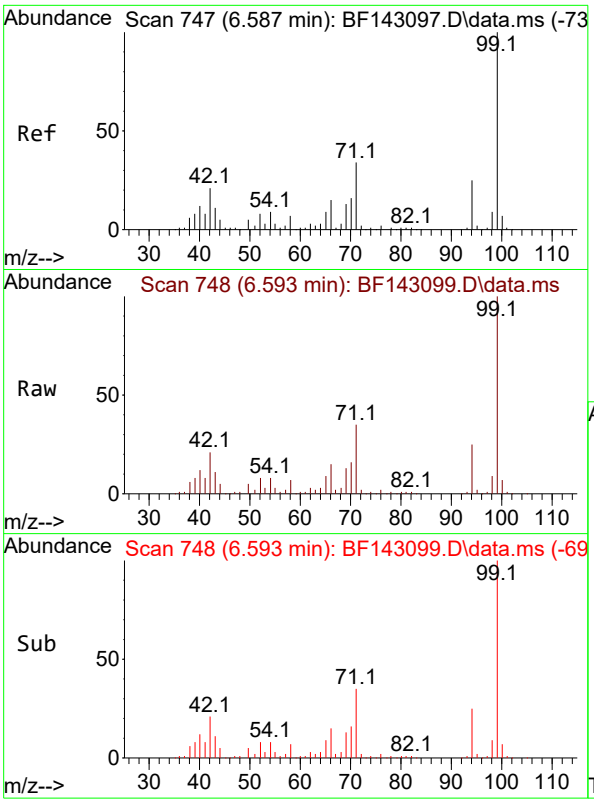


#6
Aniline
Concen: 58.815 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 93 Resp: 882633

Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.1	49.7
65	20.8	16.9	25.3





#7
Phenol-d6
Concen: 116.695 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 124361

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.2	25.8
71	34.7	27.4	41.0

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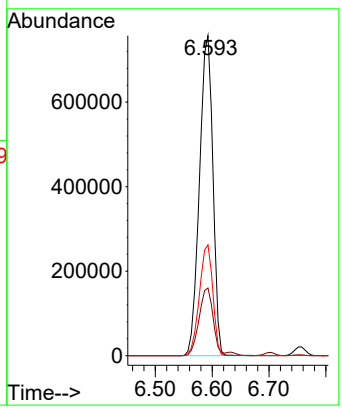
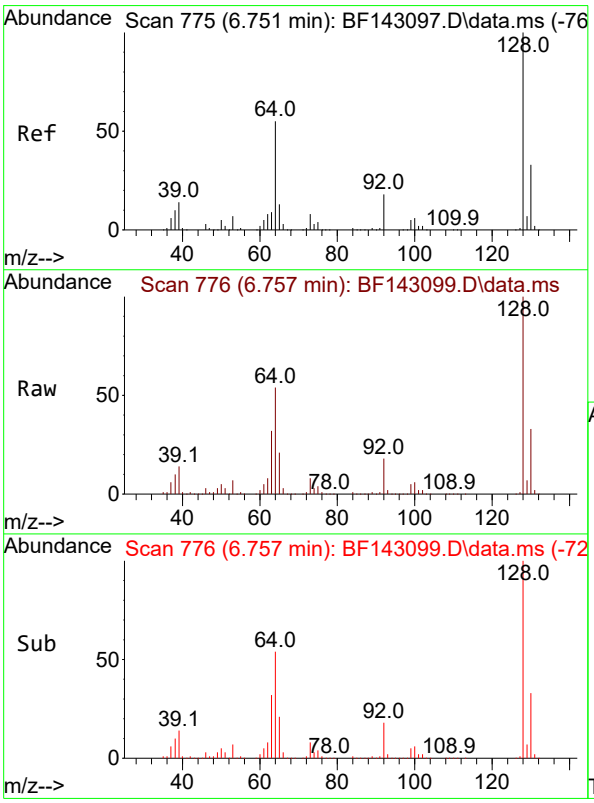
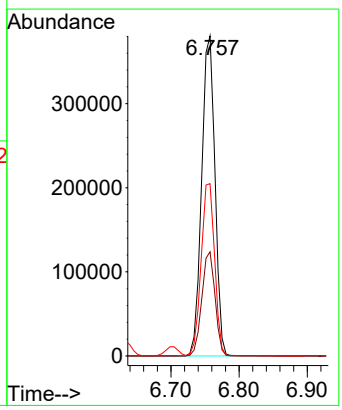


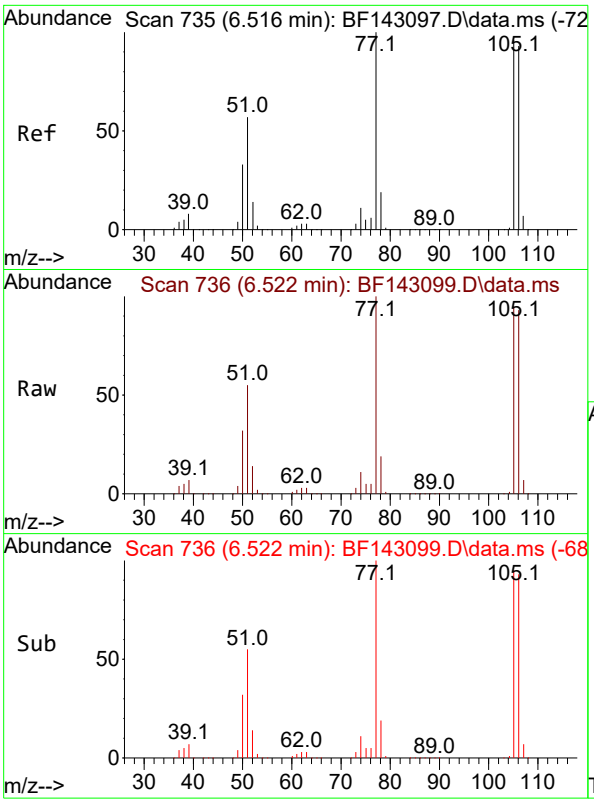


#8
2-Chlorophenol
Concen: 60.690 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:128 Resp: 516965

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	53.9	36.1	76.1

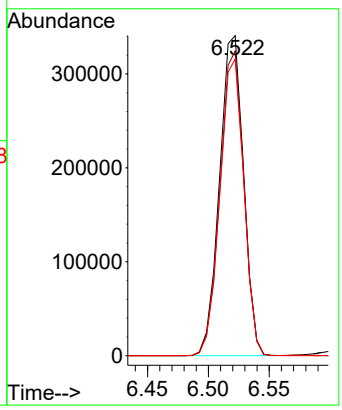




#9
Benzaldehyde
Concen: 57.571 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 77 Resp: 46749

Ion	Ratio	Lower	Upper
77	100		
105	95.1	76.3	116.3
106	92.7	72.8	112.8



Instrument :
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ClientSampleId :
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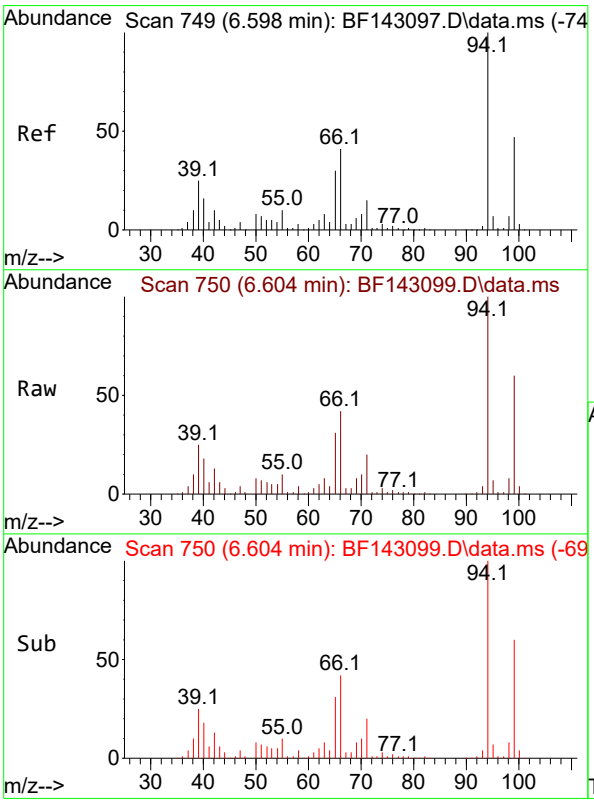
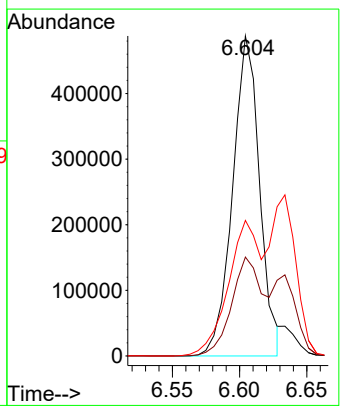
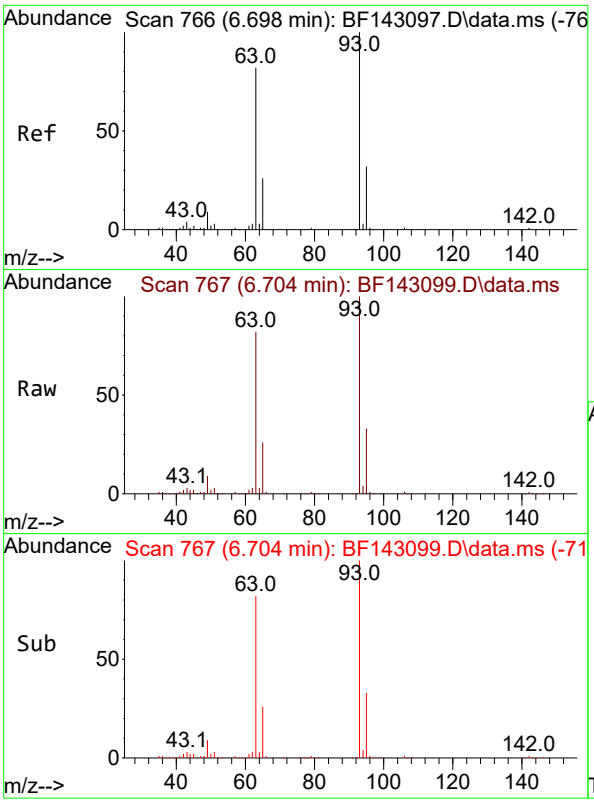


#10
Phenol
Concen: 59.015 ng m
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 94 Resp: 680847

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.8	49.8
66	42.4	20.5	60.5

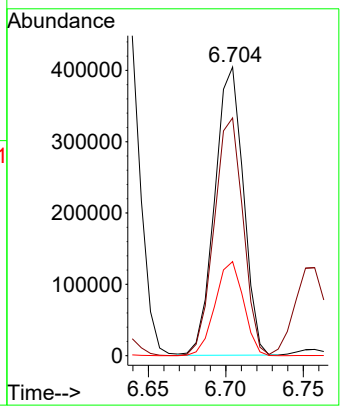




#11
bis(2-Chloroethyl)ether
Concen: 58.076 ng
RT: 6.704 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 93 Resp: 51869

Ion	Ratio	Lower	Upper
93	100		
63	82.4	61.9	101.9
95	32.6	12.2	52.2



Instrument :
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ClientSampleId :
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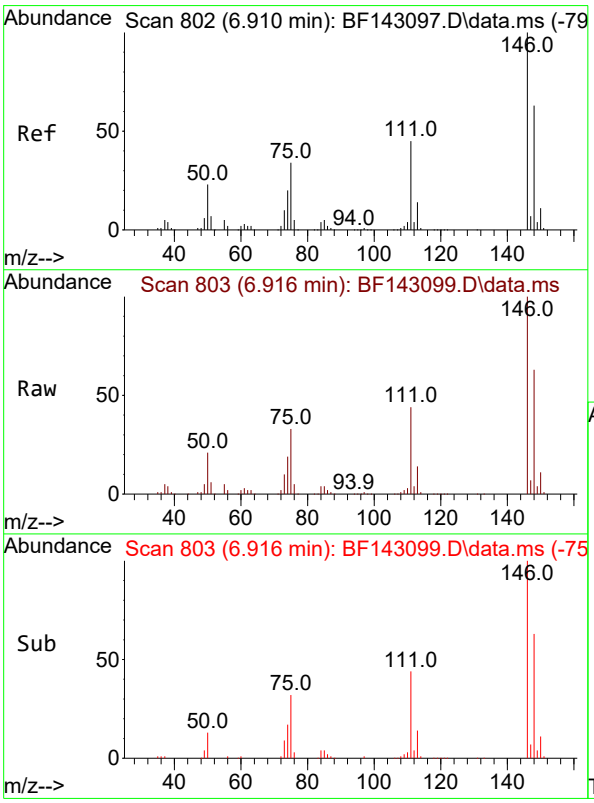
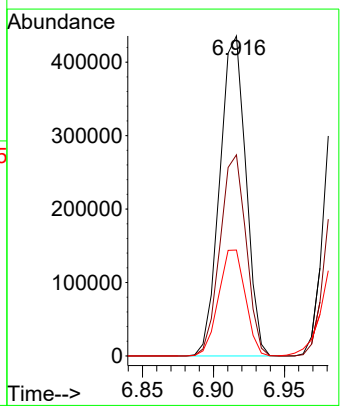
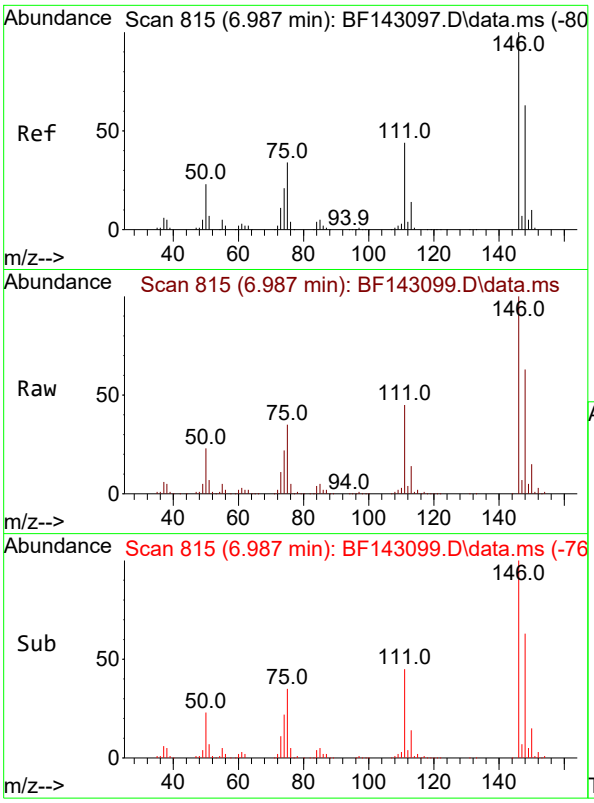


#12
1,3-Dichlorobenzene
Concen: 57.965 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:146 Resp: 557813

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.1	75.1
75	33.1	27.4	41.0

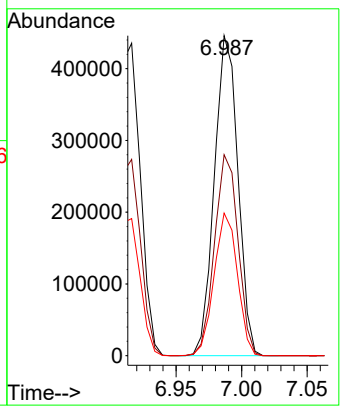




#13
1,4-Dichlorobenzene
Concen: 57.513 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:146 Resp: 55680

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	44.6	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
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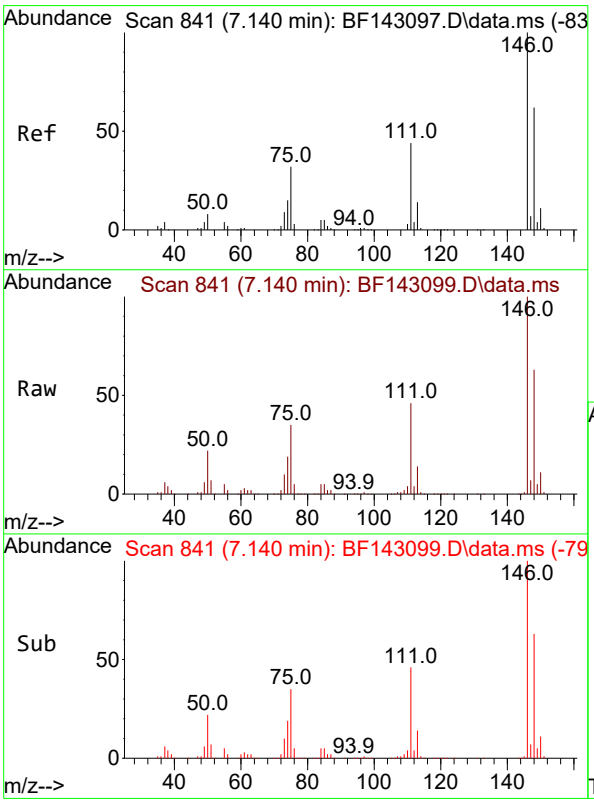
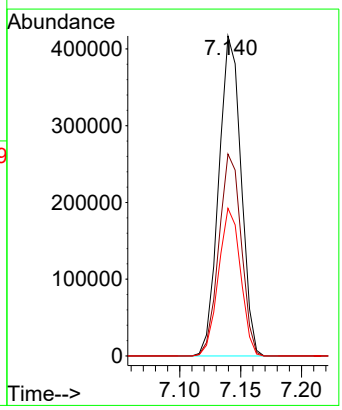
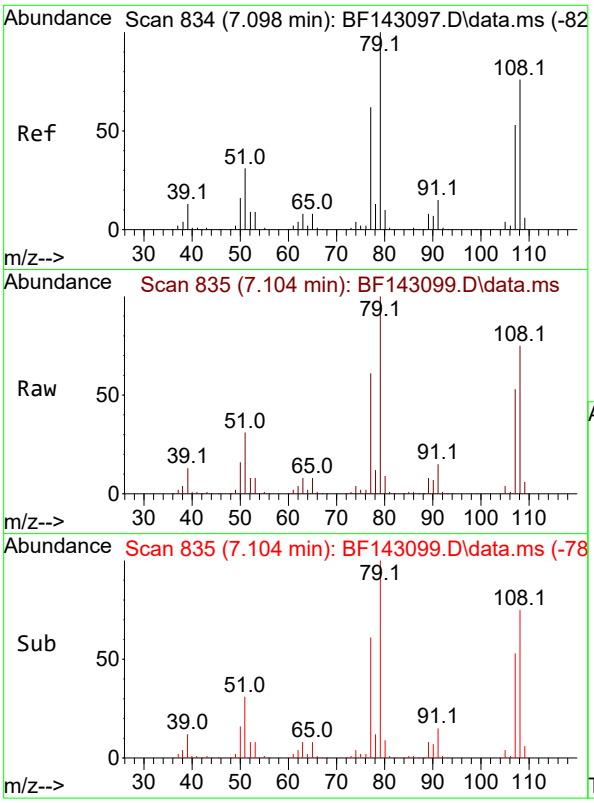


#14
1,2-Dichlorobenzene
Concen: 57.510 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:146 Resp: 530965

Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.8	74.6
111	46.1	35.4	53.0





#15
Benzyl Alcohol
Concen: 60.505 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 79 Resp: 47777

Ion	Ratio	Lower	Upper
79	100		
108	75.3	61.1	91.7
77	61.2	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
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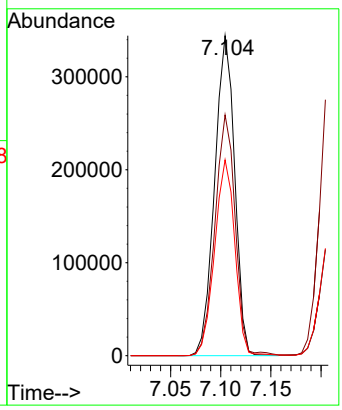
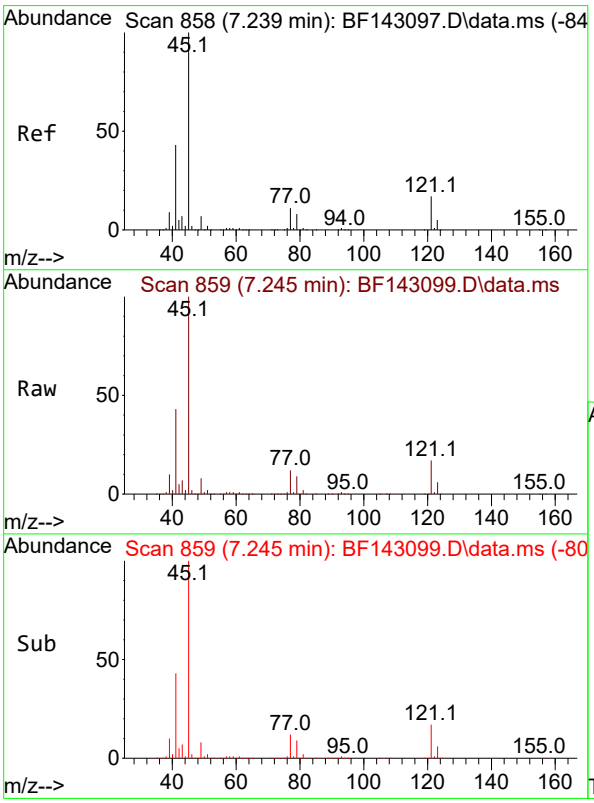
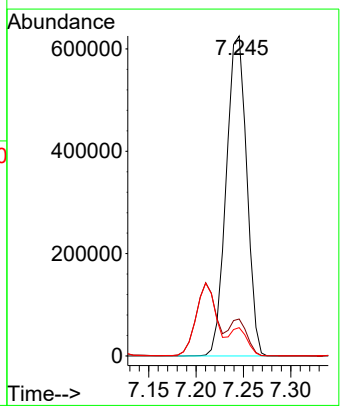


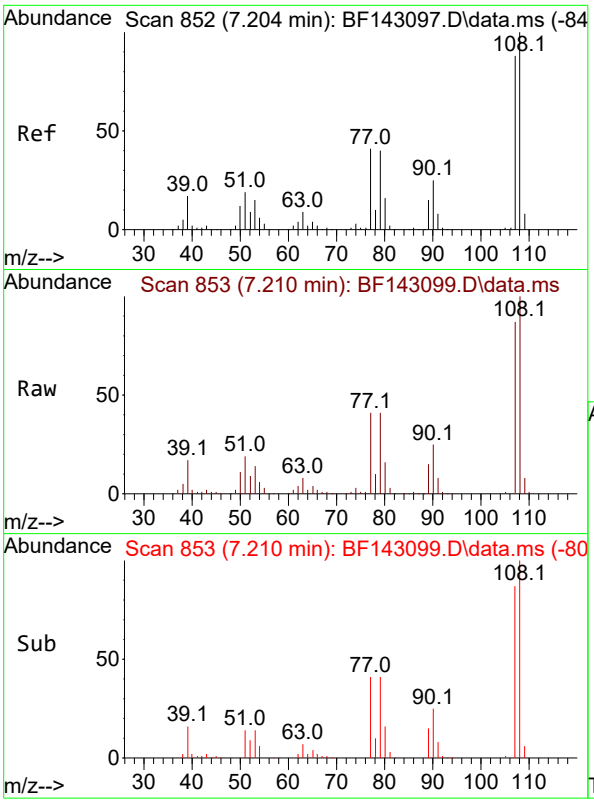


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.157 ng
RT: 7.245 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 45 Resp: 941009

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.1
79	8.9	0.0	28.4

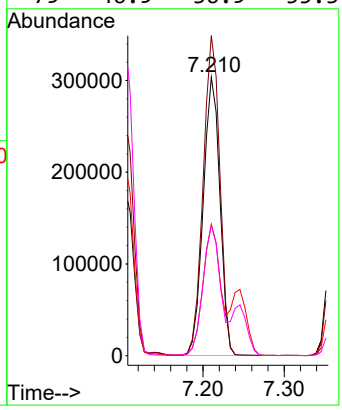




#17
2-Methylphenol
Concen: 58.876 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:107 Resp: 43278

Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	47.2	37.5	56.3
79	46.9	36.9	55.3



Instrument :
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ClientSampleId :
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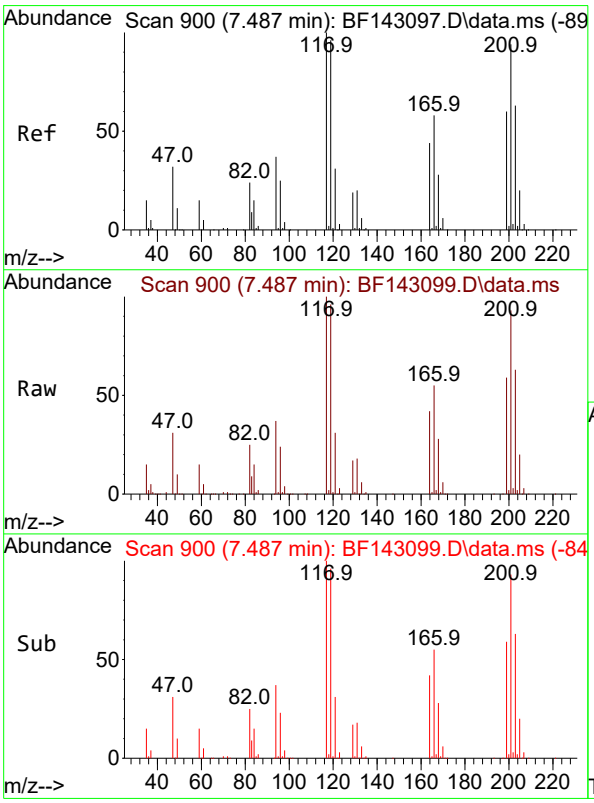
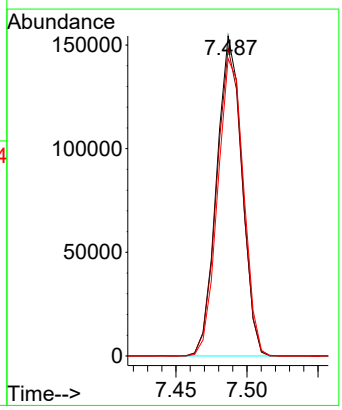
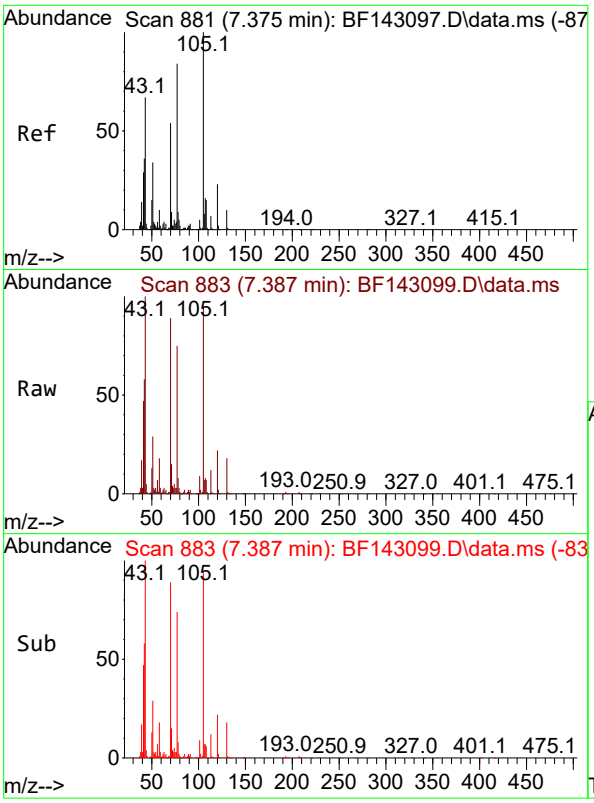


#18
Hexachloroethane
Concen: 60.747 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:117 Resp: 191457

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	92.9	75.0	112.4

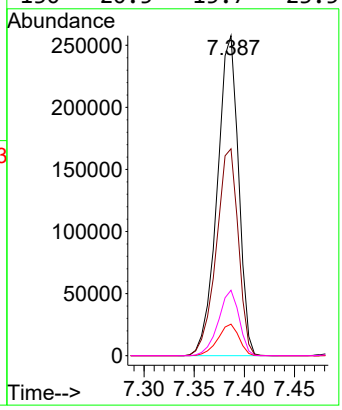




#19
n-Nitroso-di-n-propylamine
Concen: 58.184 ng
RT: 7.387 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 70 Resp: 37988

Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.2	79.8
101	9.9	7.5	11.3
130	20.5	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
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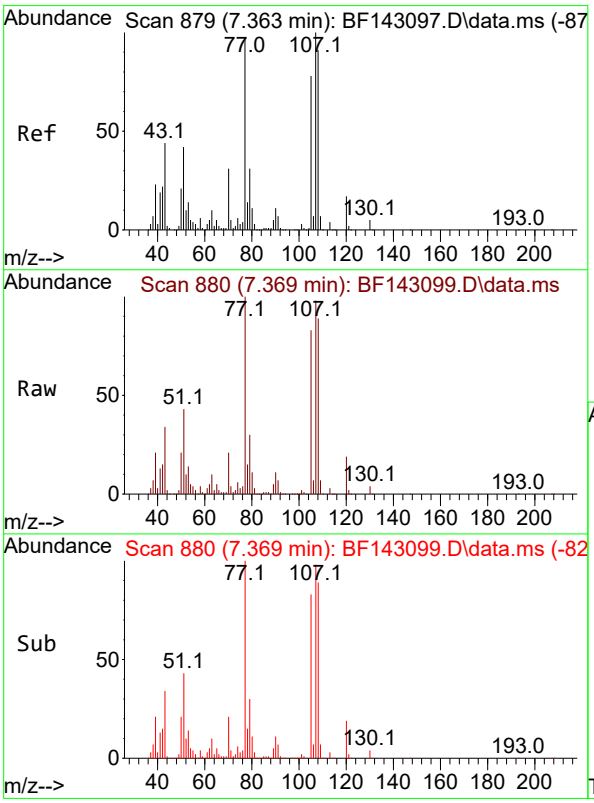
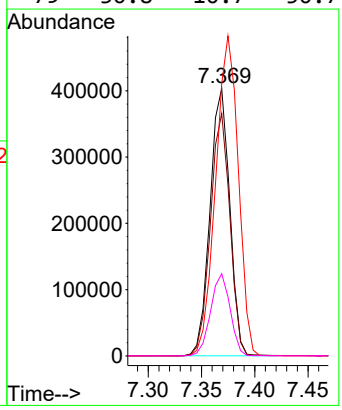
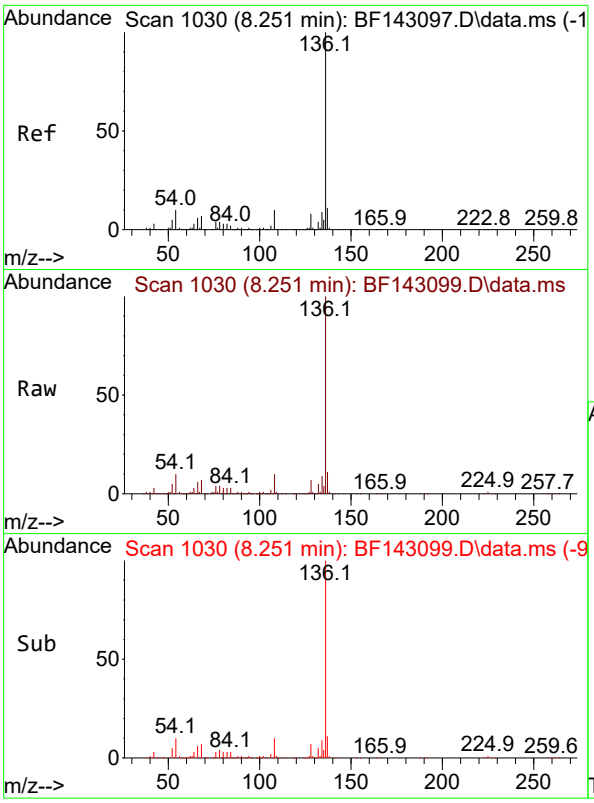


#20
3+4-Methylphenols
Concen: 57.645 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:107 Resp: 519658

Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.3	111.3
77	101.8	77.2	117.2
79	30.8	10.7	50.7

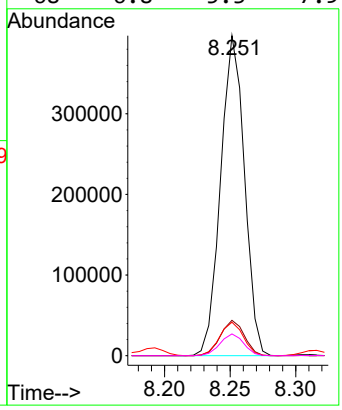




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:136 Resp: 50173

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	8.3	12.5
68	6.8	5.3	7.9



Instrument :
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ClientSampleId :
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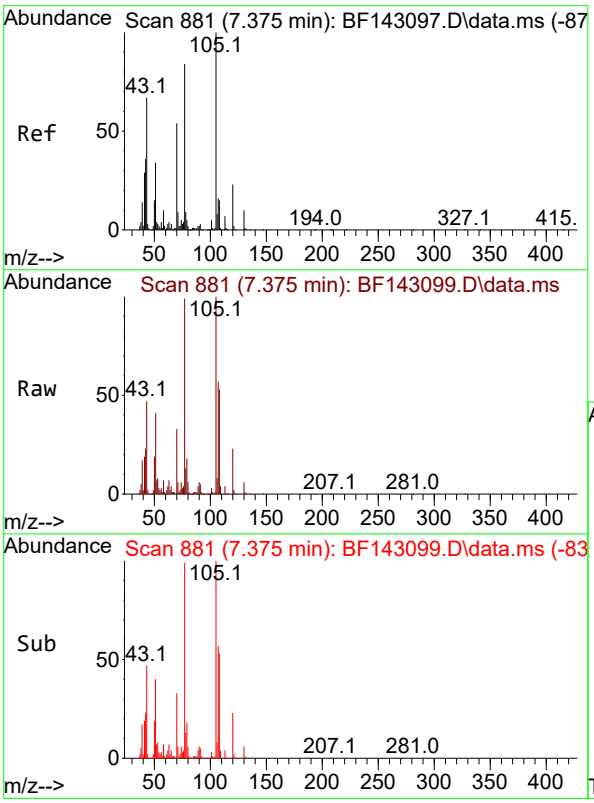
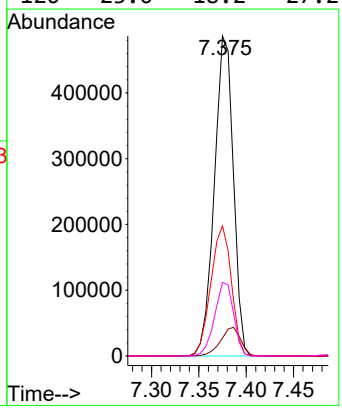
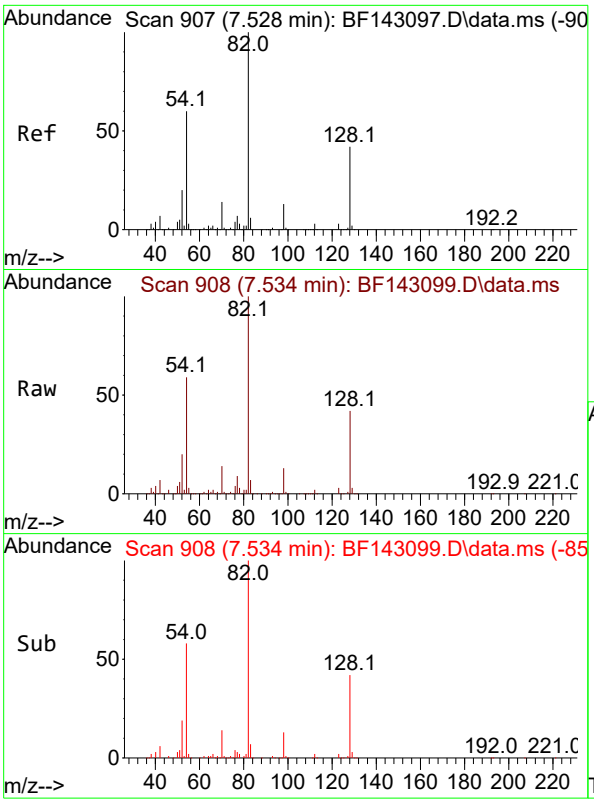


#22
Acetophenone
Concen: 56.141 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:105 Resp: 679007

Ion	Ratio	Lower	Upper
105	100		
71	5.6	7.2	10.8#
51	40.7	27.0	40.4#
120	23.0	18.2	27.2

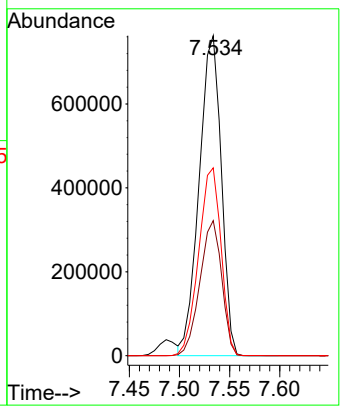




#23
Nitrobenzene-d5
Concen: 131.129 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 82 Resp: 117283

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	58.7	47.4	71.2



Instrument :
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ClientSampleId :
SSTDICC060

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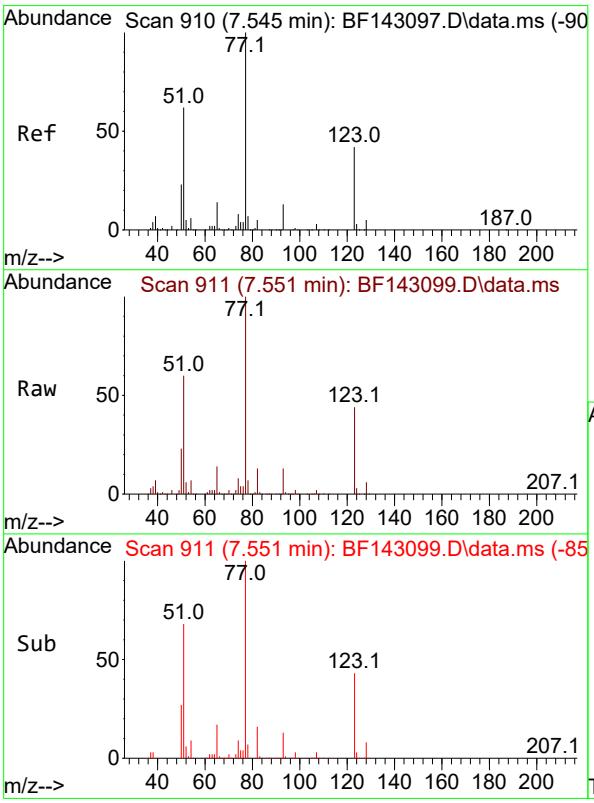
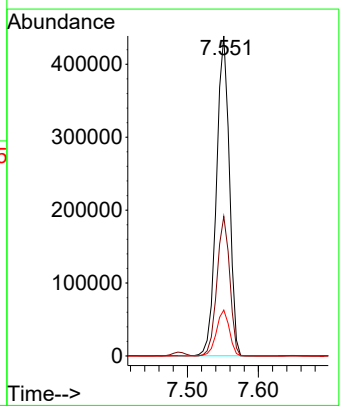
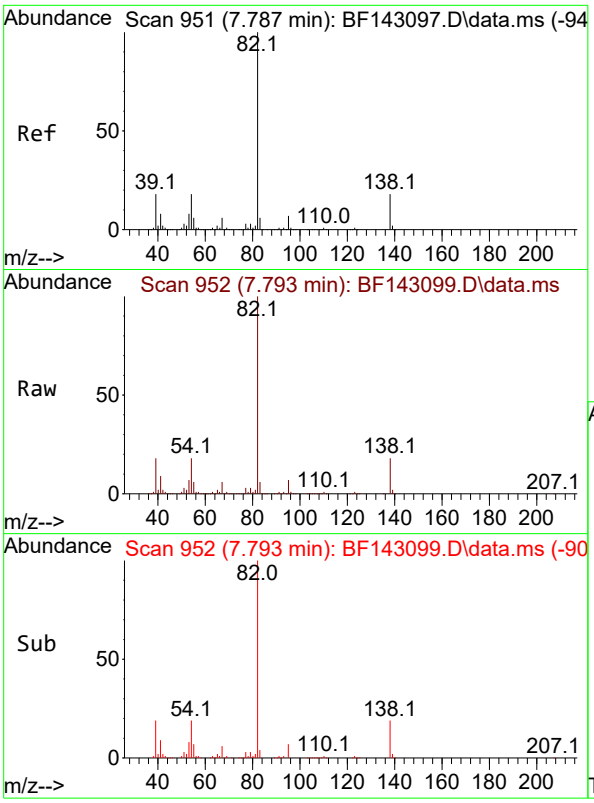


#24
Nitrobenzene
Concen: 63.778 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 77 Resp: 550668

Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.5	51.7
65	14.3	11.3	16.9





#25
Isophorone
Concen: 59.793 ng
RT: 7.793 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 82 Resp: 103365

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.6	14.3	21.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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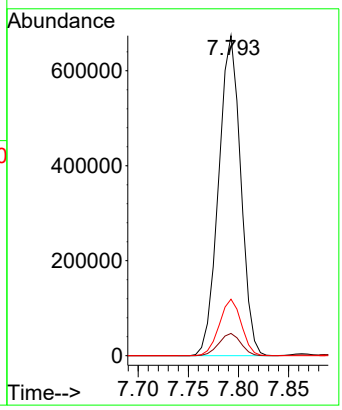
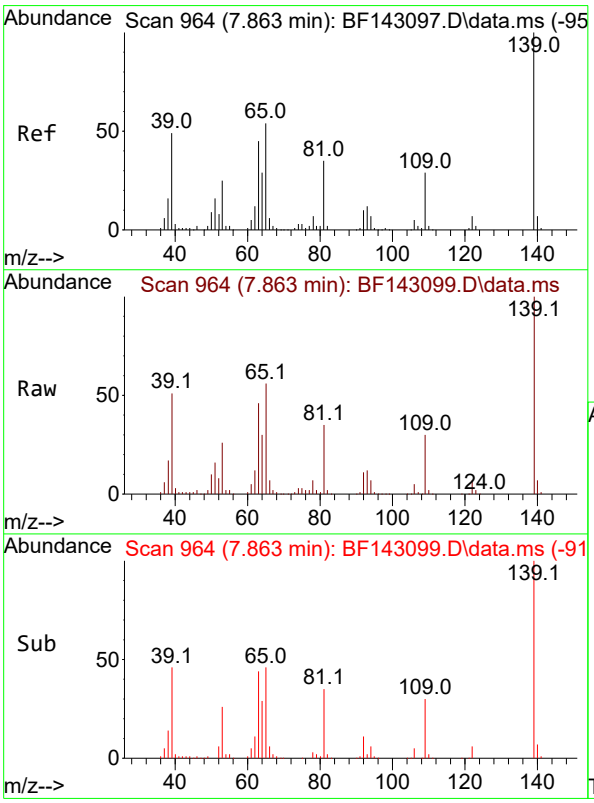
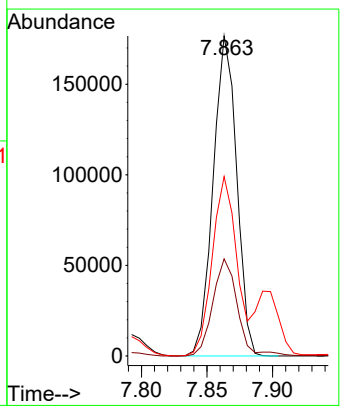


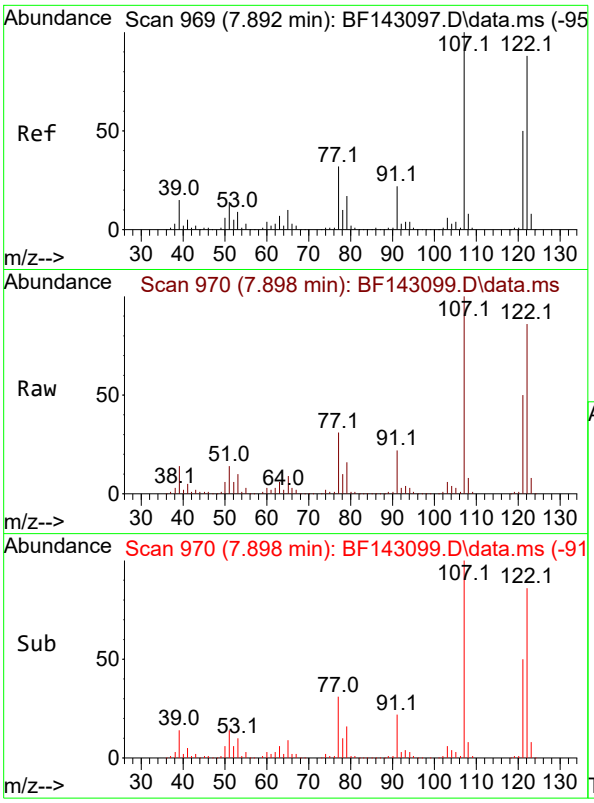


#26
2-Nitrophenol
Concen: 62.382 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:139 Resp: 219665

Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.4	35.0
65	56.1	43.4	65.2

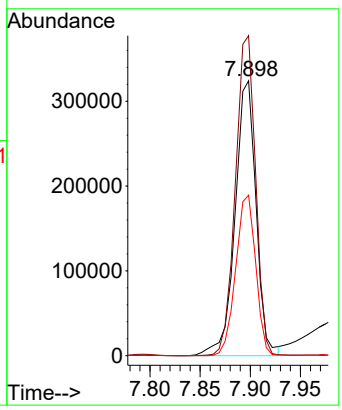




#27
2,4-Dimethylphenol
Concen: 59.127 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:122 Resp: 47441

Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.3	136.9
121	58.4	45.5	68.3



Instrument :
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ClientSampleId :
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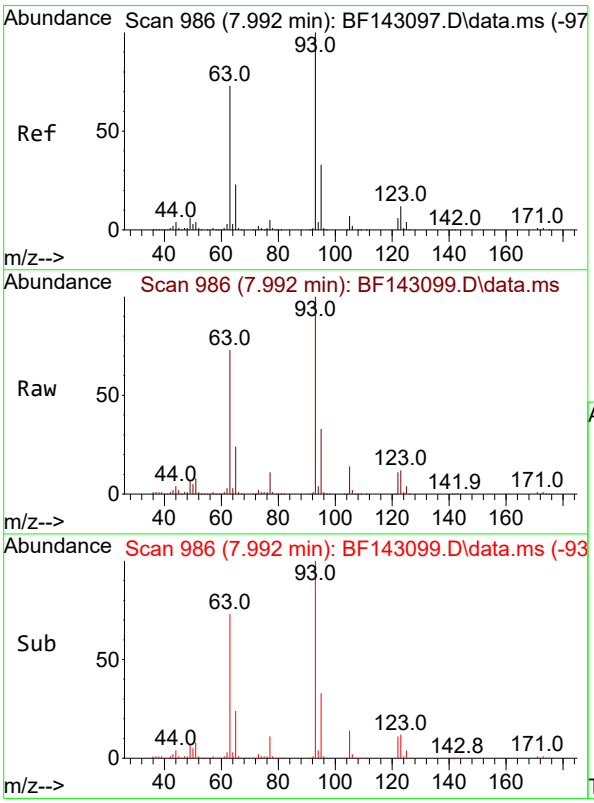
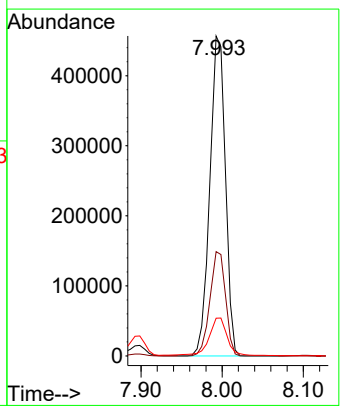
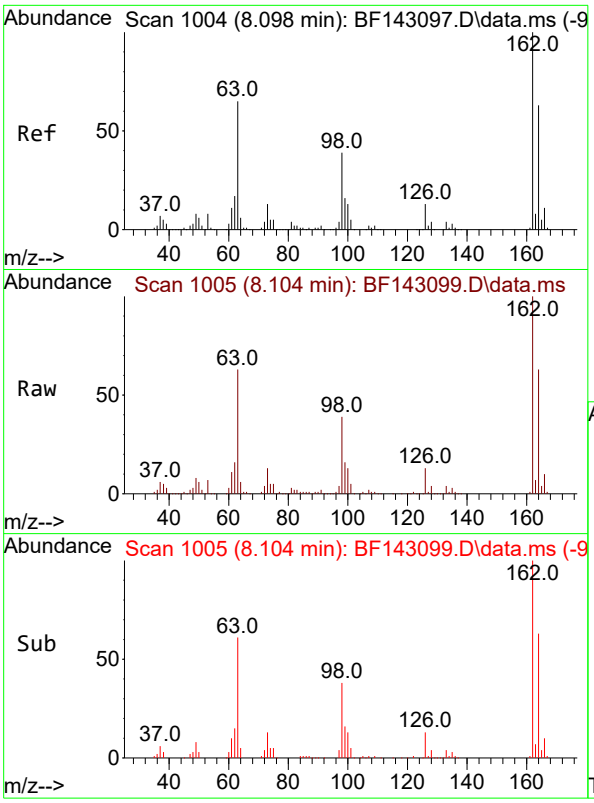


#28
bis(2-Chloroethoxy)methane
Concen: 58.029 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 93 Resp: 608314

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.8	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 62.256 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:162 Resp: 40865

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.1	83.1
98	38.5	19.2	59.2

Instrument :
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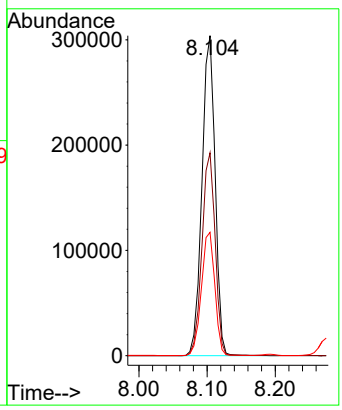
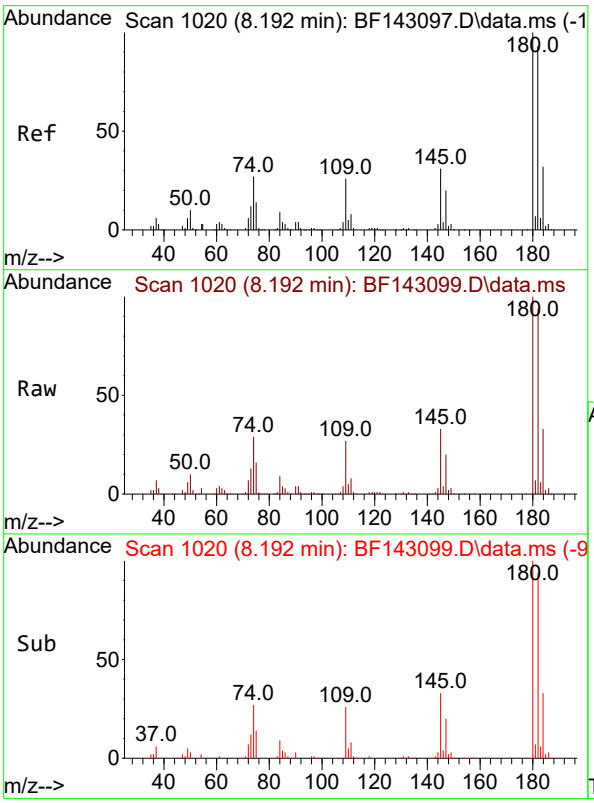
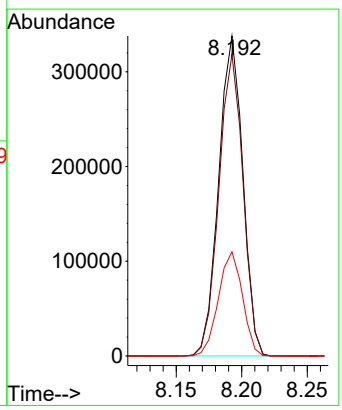


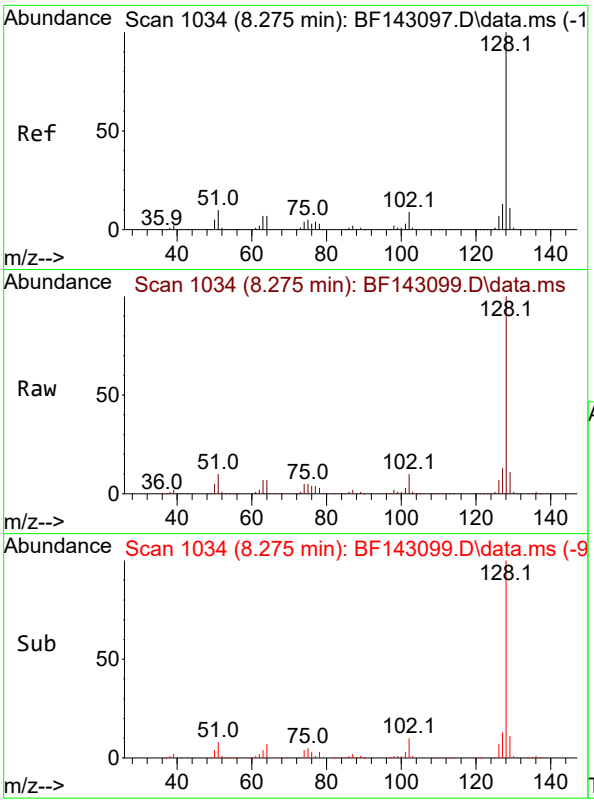


#30
1,2,4-Trichlorobenzene
Concen: 57.913 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:180 Resp: 431427

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.7	112.1
145	32.6	24.5	36.7





#31
Naphthalene
Concen: 56.612 ng
RT: 8.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:128 Resp: 141050

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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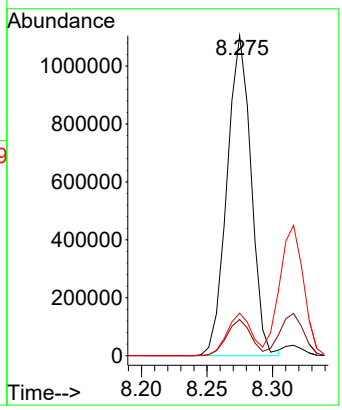
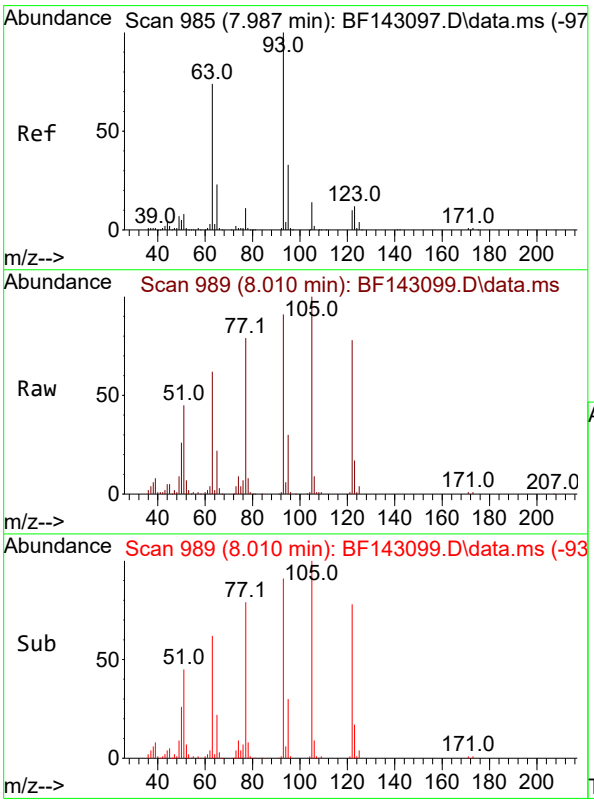
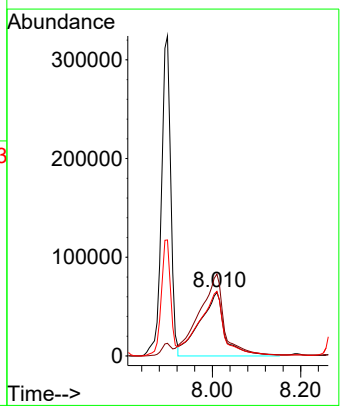


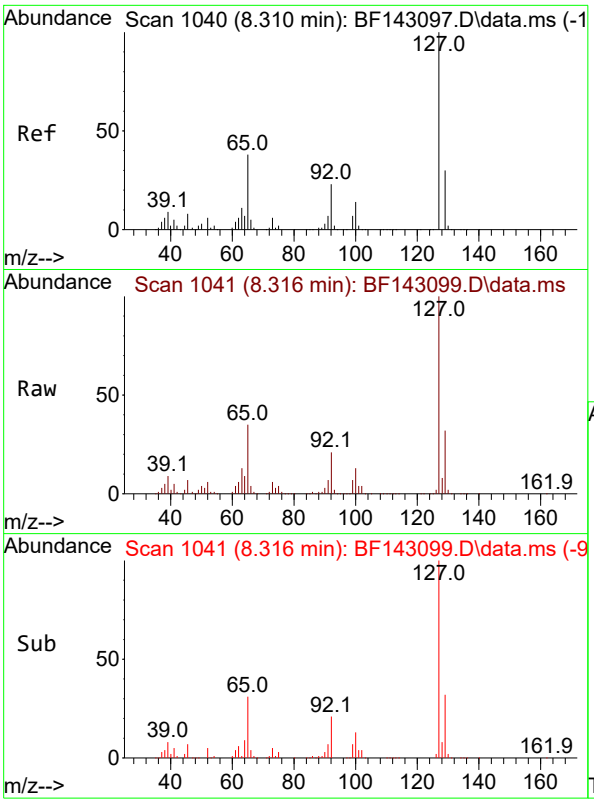


#32
Benzoic acid
Concen: 62.050 ng m
RT: 8.010 min Scan# 989
Delta R.T. 0.023 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:122 Resp: 256755

Ion	Ratio	Lower	Upper
122	100		
105	128.8	105.4	145.4
77	101.6	78.6	118.6

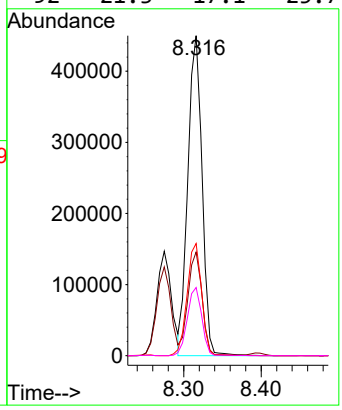




#33
4-Chloroaniline
Concen: 57.309 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:127 Resp: 57419

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	35.1	28.6	42.8
92	21.3	17.1	25.7



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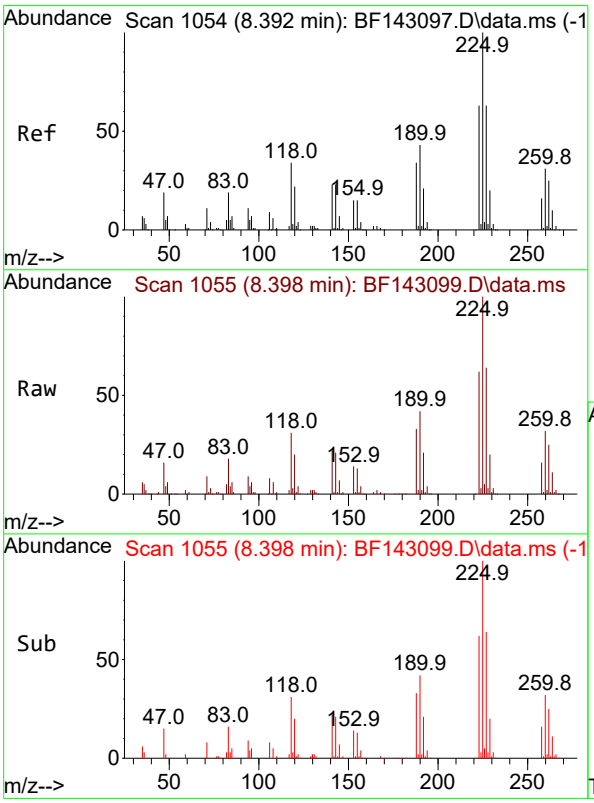
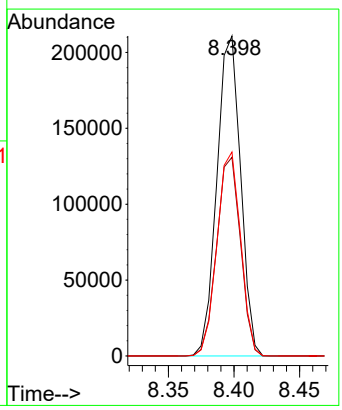
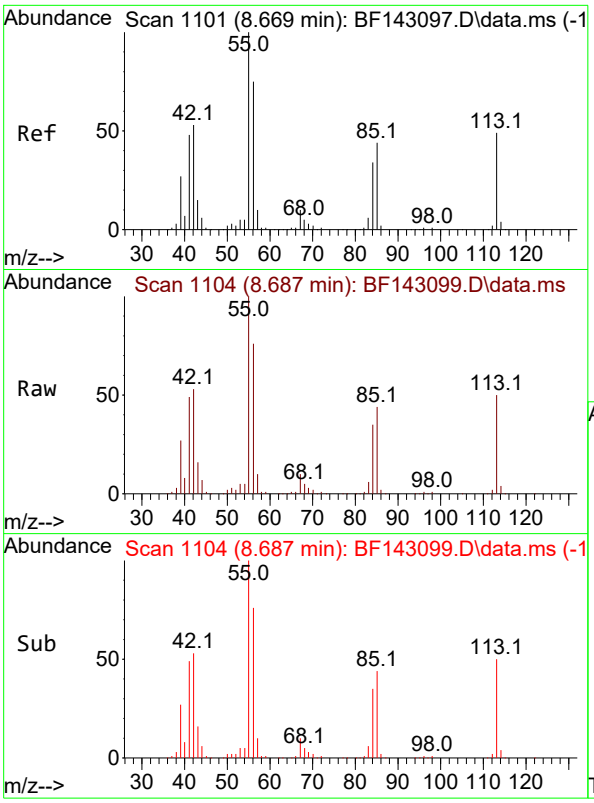


#34
Hexachlorobutadiene
Concen: 59.499 ng
RT: 8.398 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:225 Resp: 265081

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.3	75.5
227	63.7	50.1	75.1

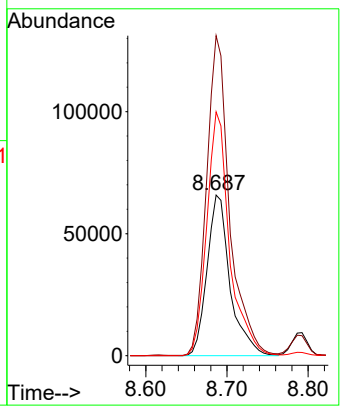




#35
Caprolactam
Concen: 63.219 ng
RT: 8.687 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:113 Resp: 12958

Ion	Ratio	Lower	Upper
113	100		
55	199.1	186.2	226.2
56	151.7	134.1	174.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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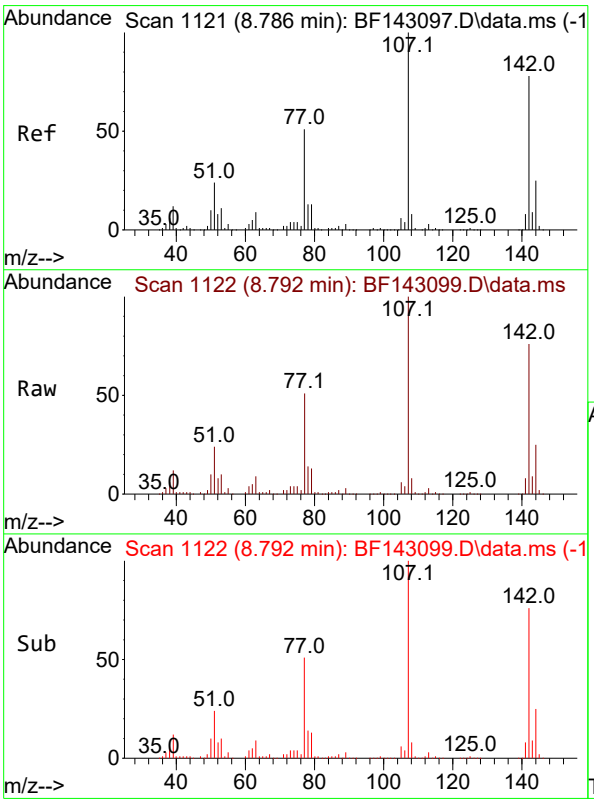
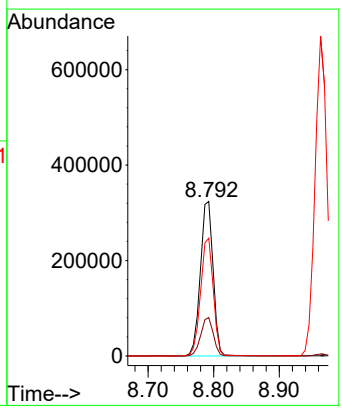
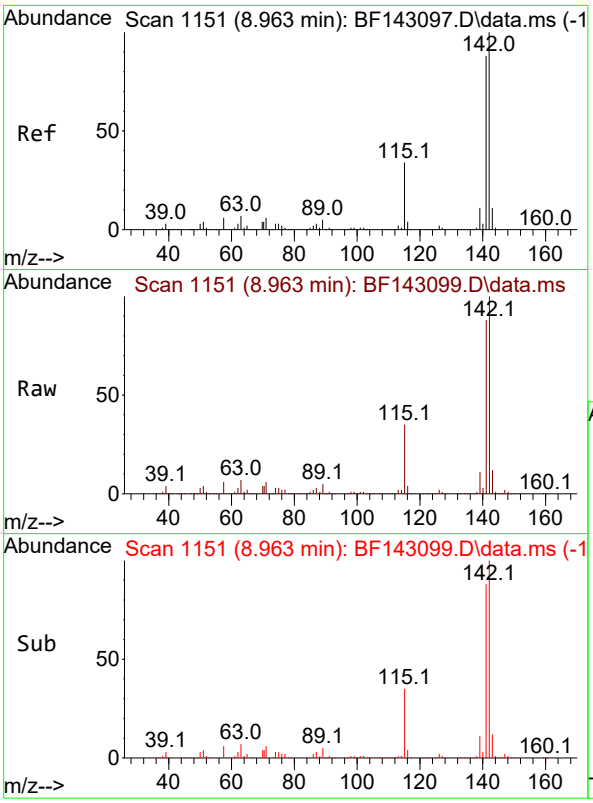


#36
4-Chloro-3-methylphenol
Concen: 60.299 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:107 Resp: 440907

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	76.3	62.4	93.6





#37
2-Methylnaphthalene
Concen: 56.930 ng
RT: 8.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:142 Resp: 84619

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.2	105.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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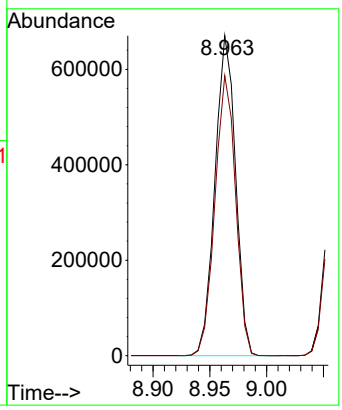
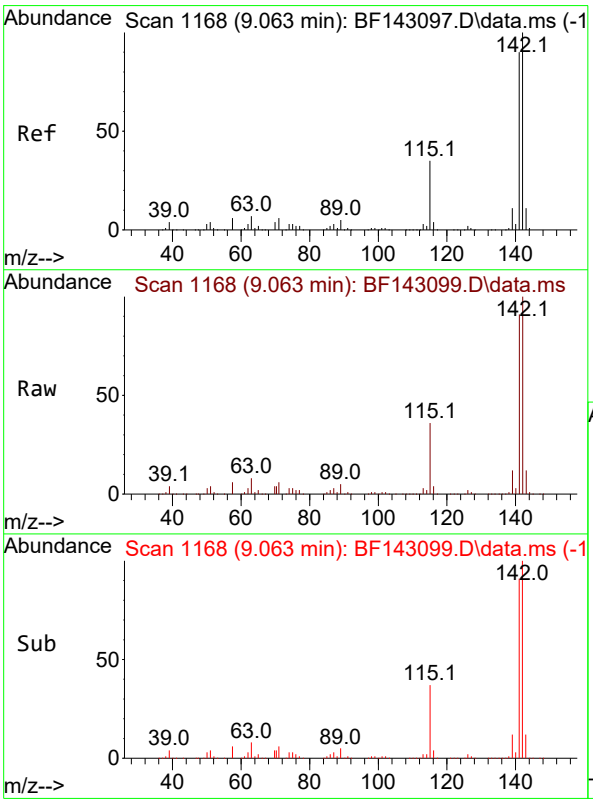
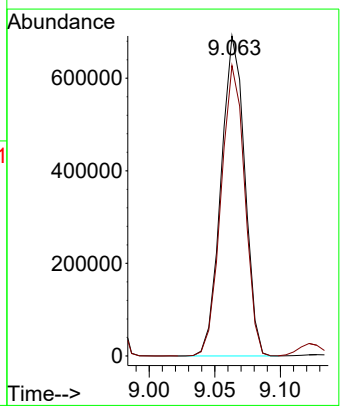


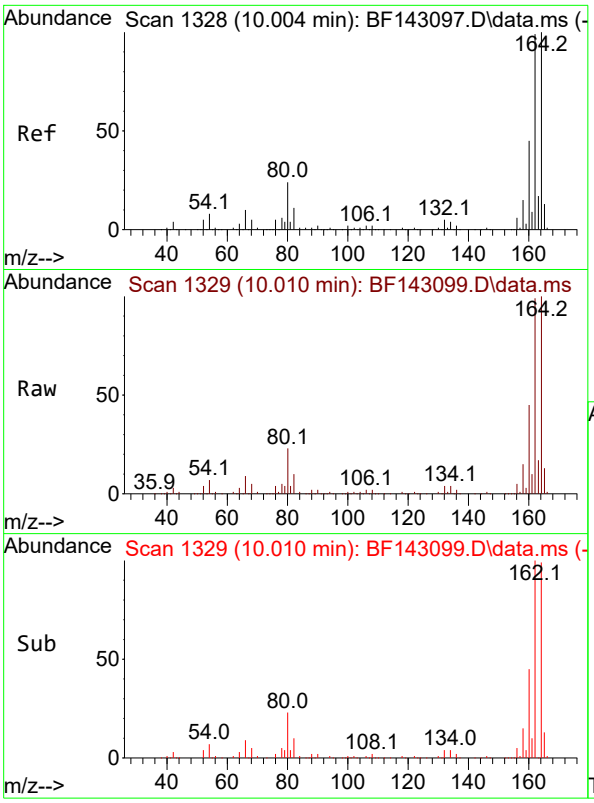


#38
1-Methylnaphthalene
Concen: 56.399 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:142 Resp: 869460

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4

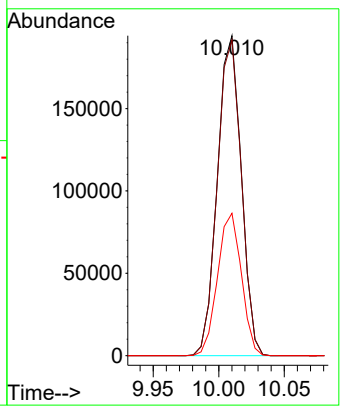




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:164 Resp: 24600

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.6
160	44.5	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
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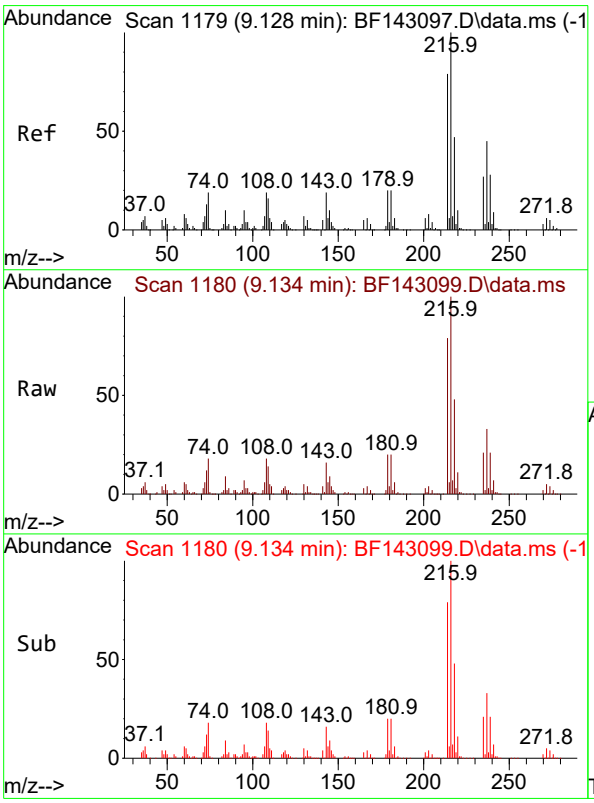
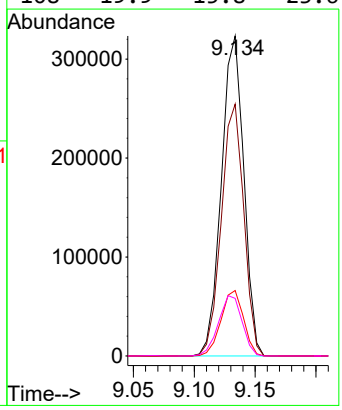
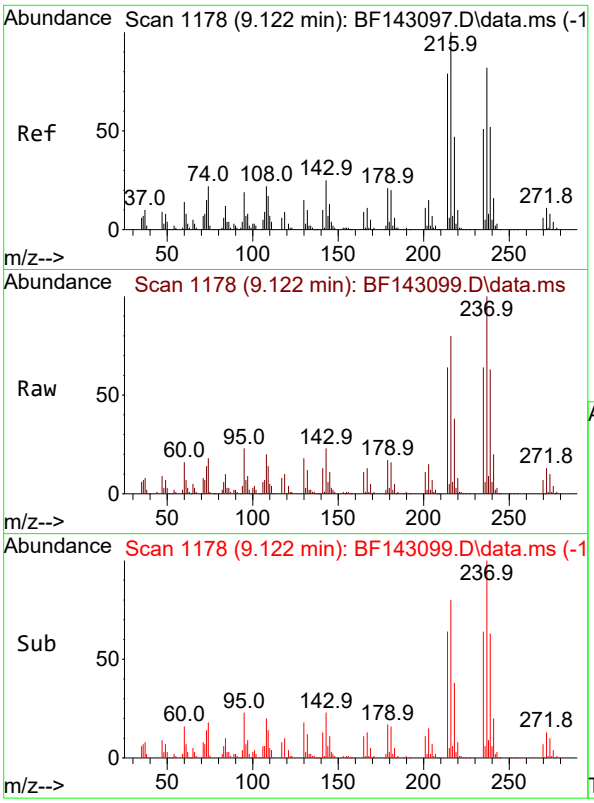


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.762 ng
RT: 9.134 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:216 Resp: 414099

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	20.6	16.2	24.2
108	19.9	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 66.101 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:237 Resp: 26273

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.6	81.6
272	12.8	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
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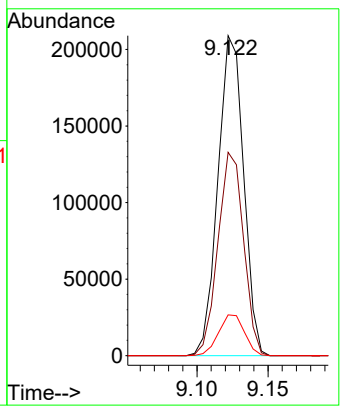
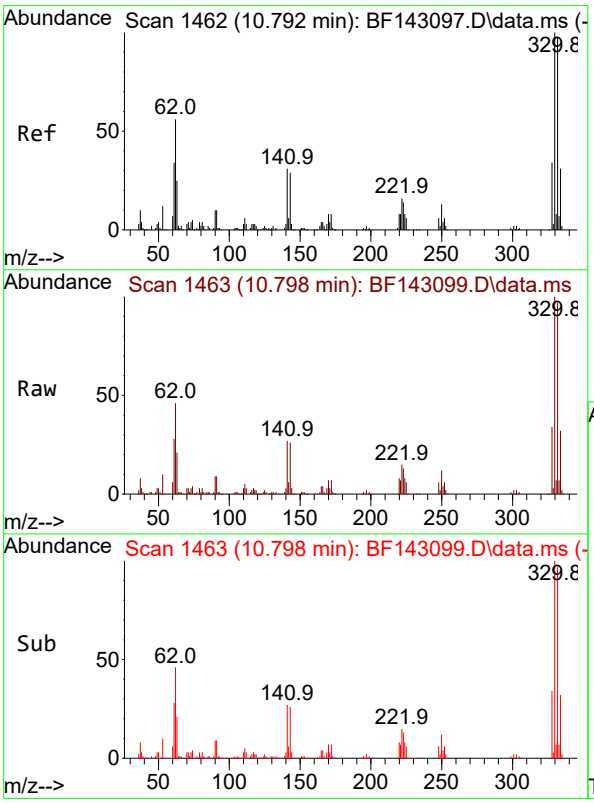
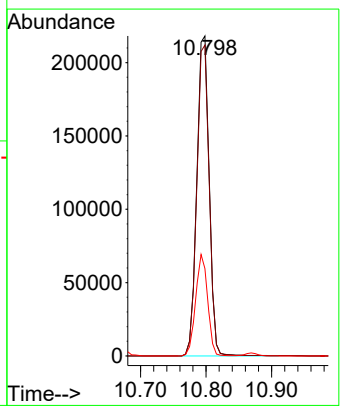


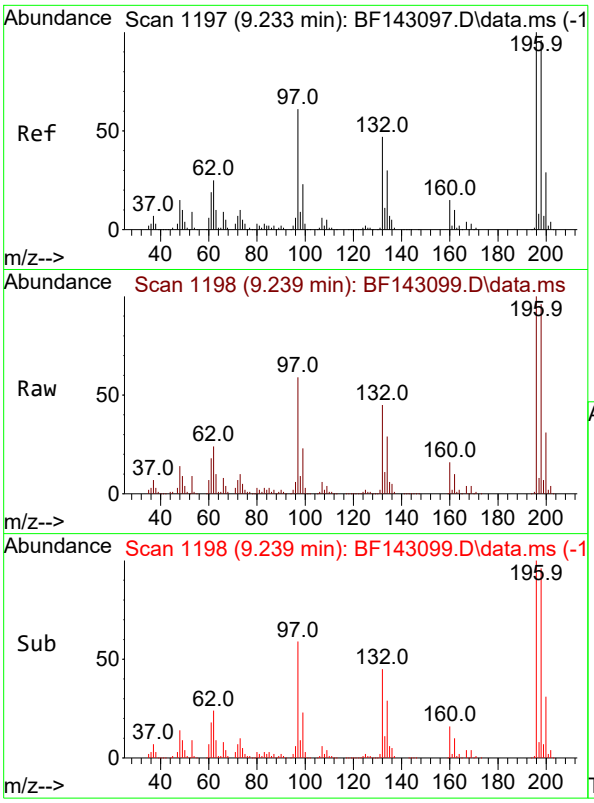


#42
2,4,6-Tribromophenol
Concen: 130.765 ng
RT: 10.798 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:330 Resp: 286830

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	30.8	25.9	38.9

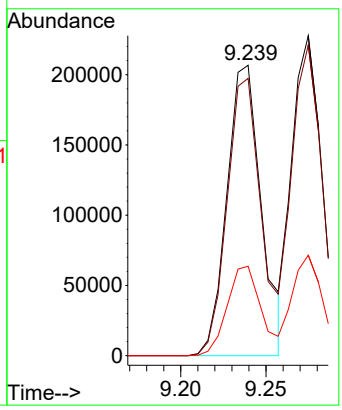




#43
2,4,6-Trichlorophenol
Concen: 65.157 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:196 Resp: 29024

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.9	115.3
200	30.8	23.5	35.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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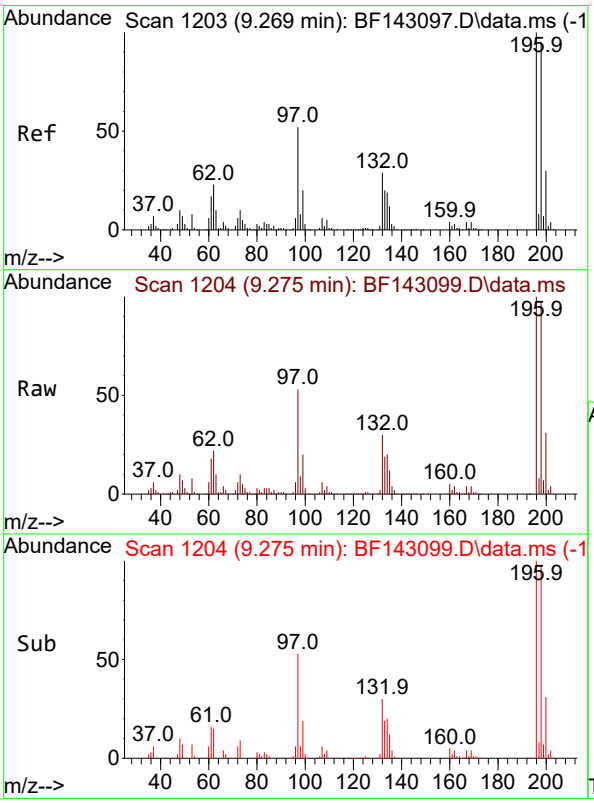
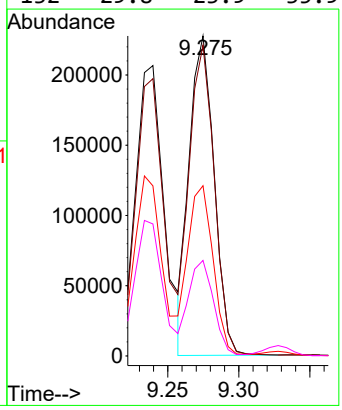
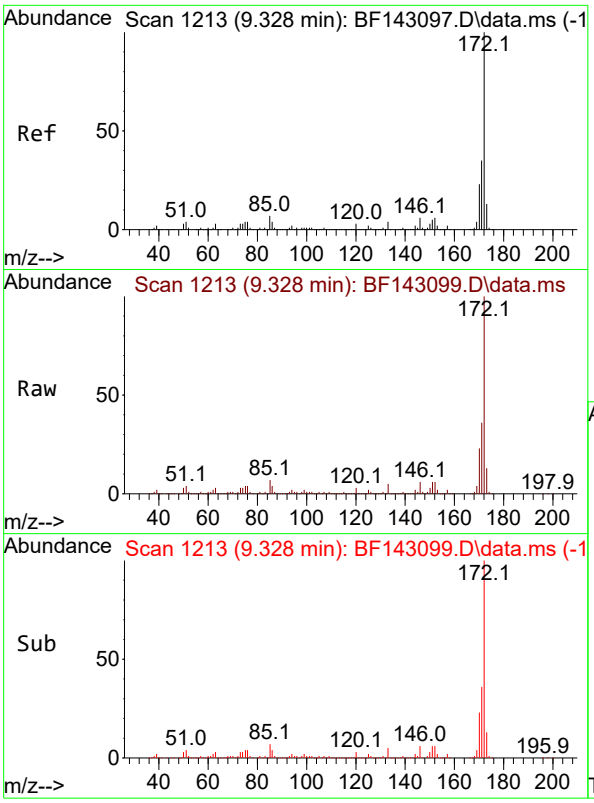


#44
2,4,5-Trichlorophenol
Concen: 59.502 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:196 Resp: 277922

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.4	114.6
97	53.2	42.4	63.6
132	29.8	23.9	35.9

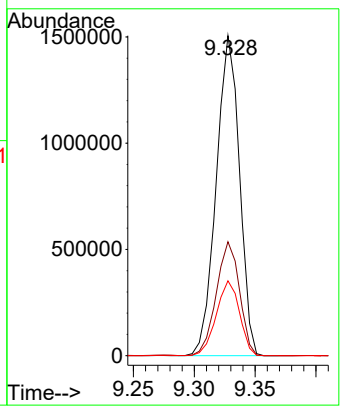




#45
2-Fluorobiphenyl
Concen: 108.050 ng
RT: 9.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:172 Resp: 199961

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.4	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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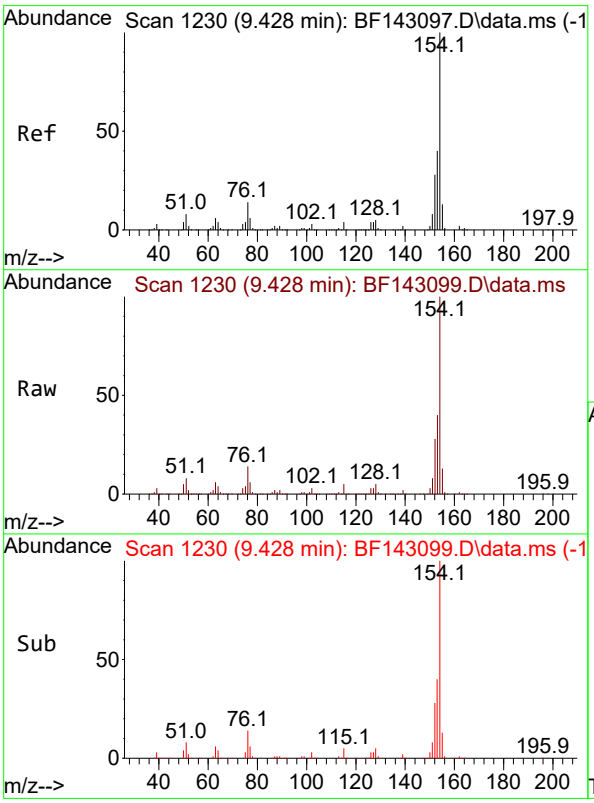
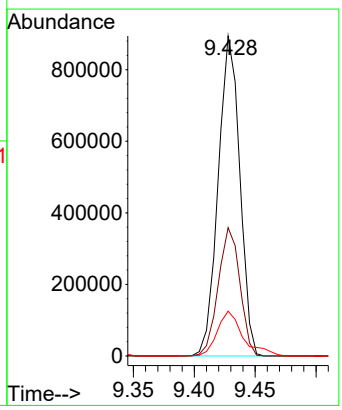
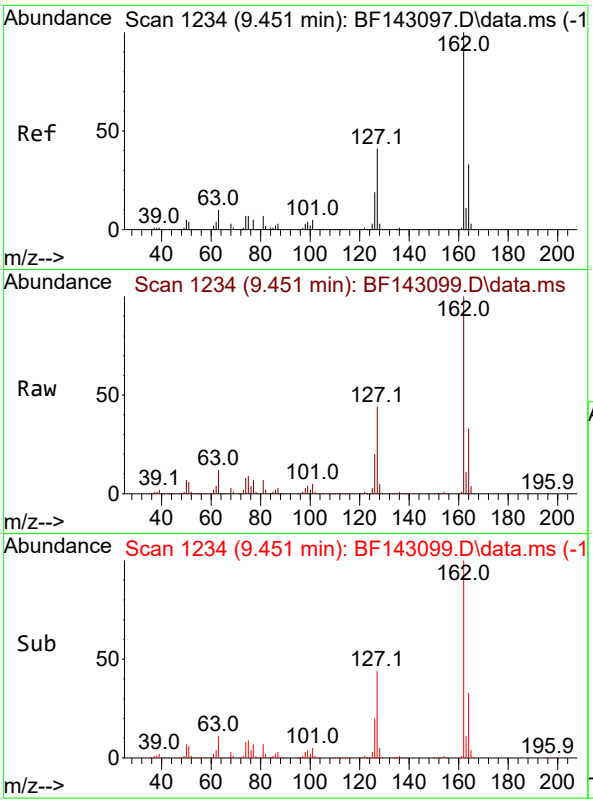


#46
1,1'-Biphenyl
Concen: 56.274 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:154 Resp: 1103990

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	14.0	0.0	33.7

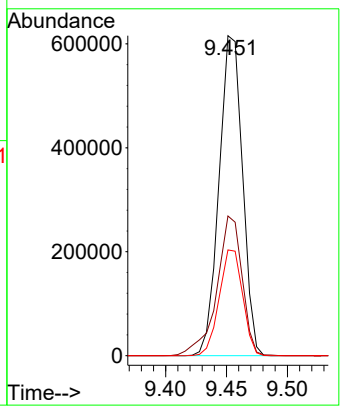




#47
2-Chloronaphthalene
Concen: 57.350 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:162 Resp: 82652

Ion	Ratio	Lower	Upper
162	100		
127	43.7	33.0	49.6
164	33.0	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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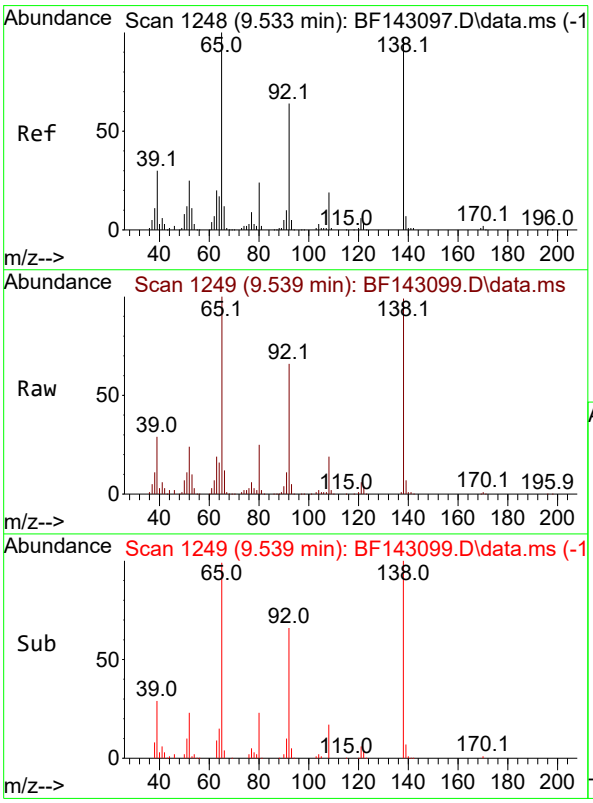
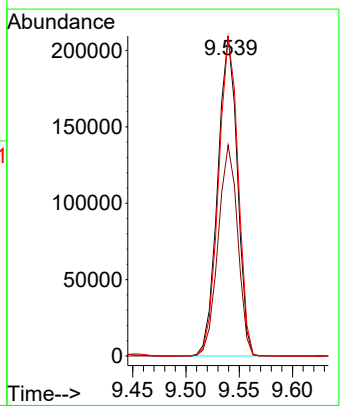
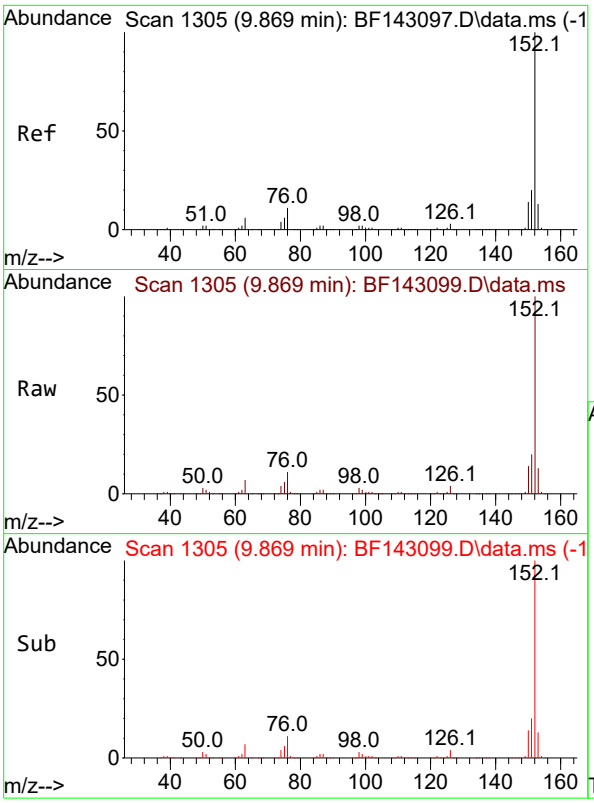


#48
2-Nitroaniline
Concen: 61.259 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion: 65 Resp: 267636

Ion	Ratio	Lower	Upper
65	100		
92	65.9	51.3	76.9
138	99.5	77.8	116.6

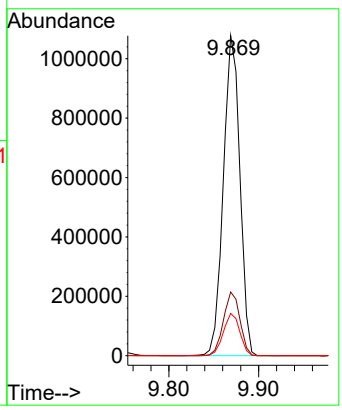




#49
Acenaphthylene
Concen: 57.388 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:152 Resp: 137819

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
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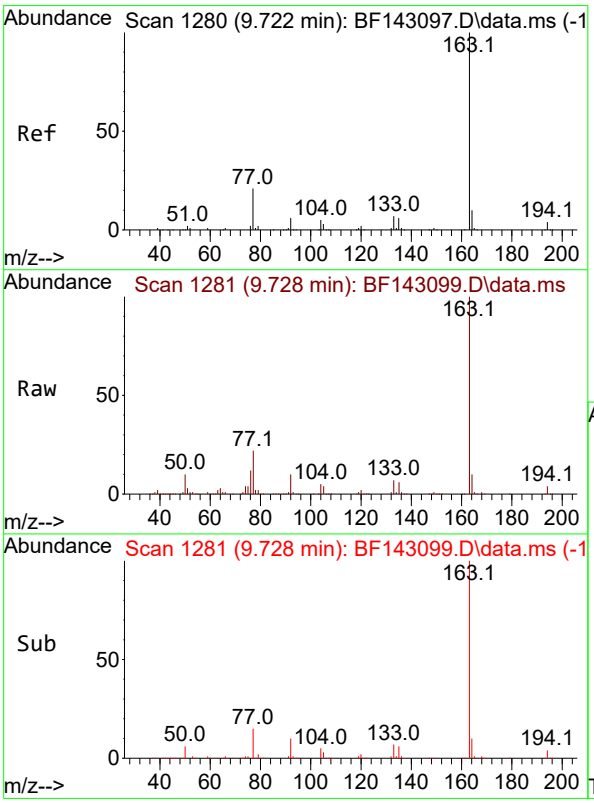
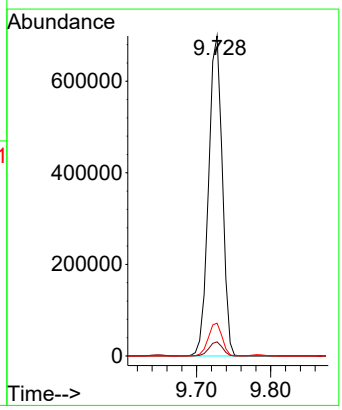
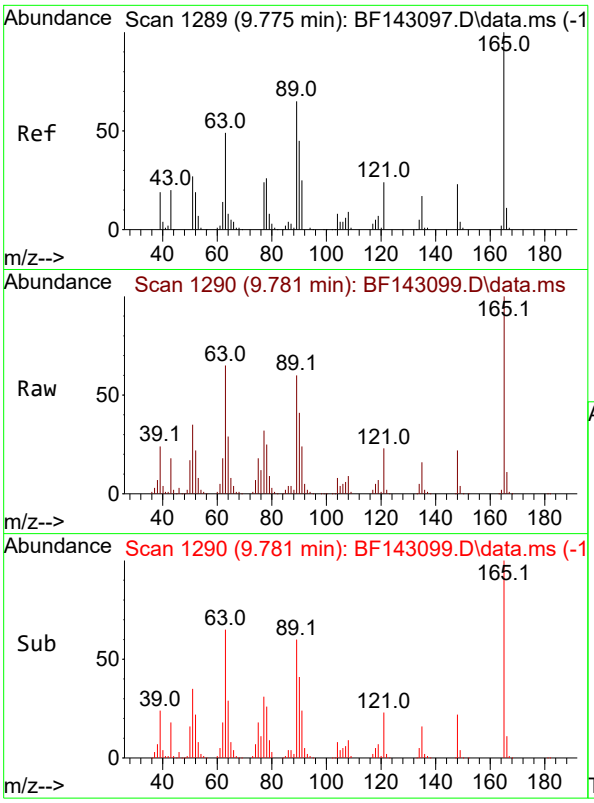


#50
Dimethylphthalate
Concen: 58.118 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:163 Resp: 899456

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 62.287 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:165 Resp: 19318

Ion	Ratio	Lower	Upper
165	100		
63	65.2	57.4	86.0
89	59.9	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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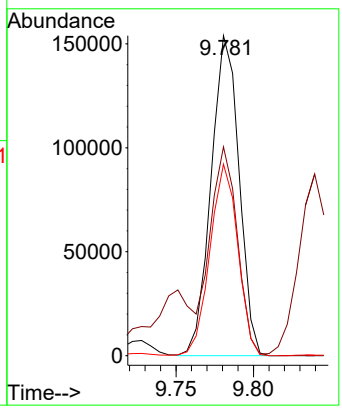
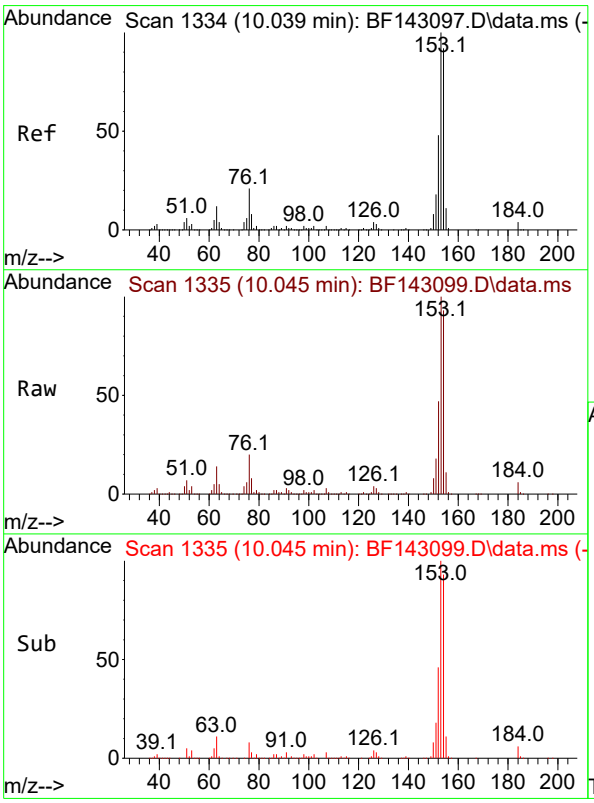
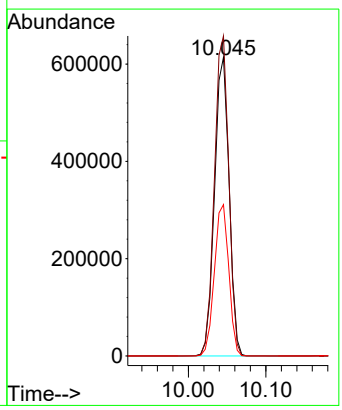


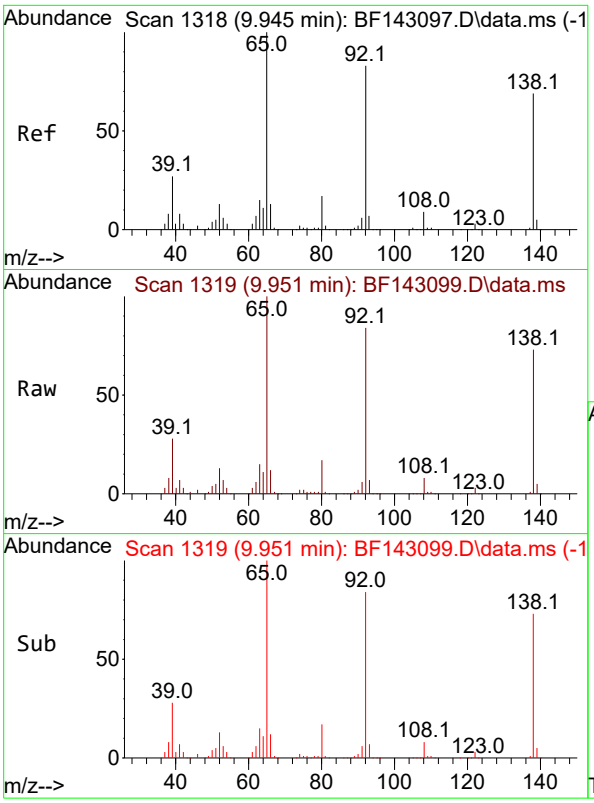


#52
Acenaphthene
Concen: 56.633 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:154 Resp: 802583

Ion	Ratio	Lower	Upper
154	100		
153	107.1	86.7	130.1
152	50.6	41.4	62.2





#53
3-Nitroaniline
Concen: 69.008 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:138 Resp: 23077

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.1	15.1
92	115.8	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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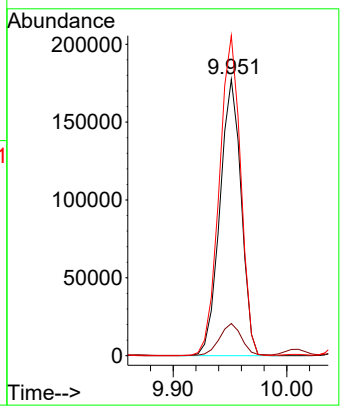
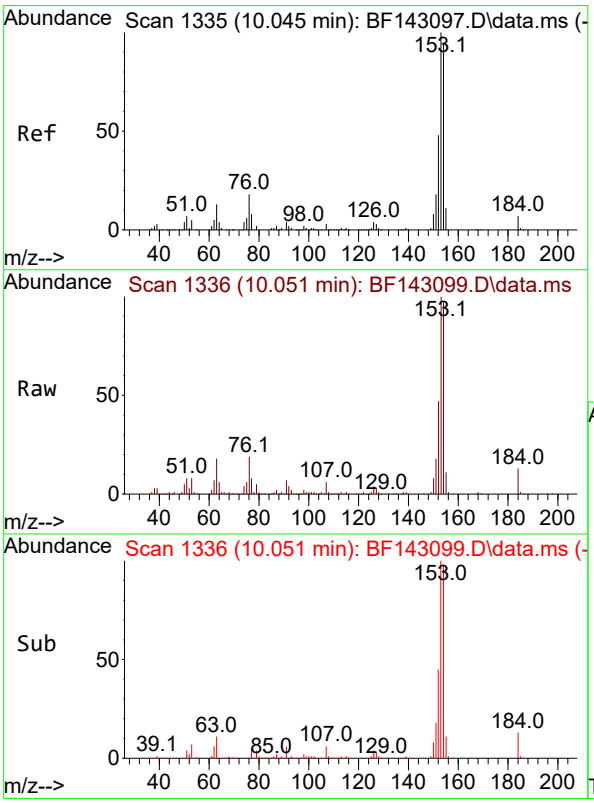
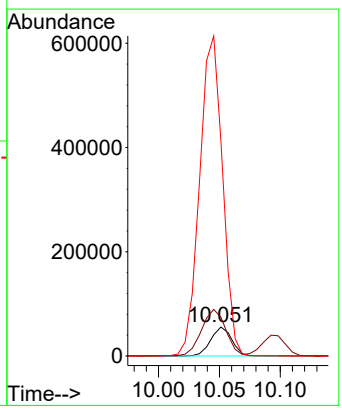


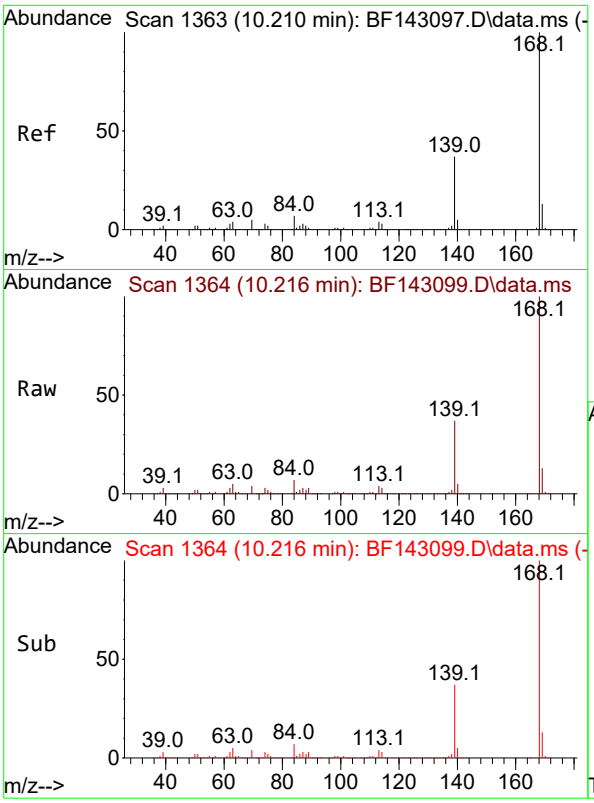


#54
2,4-Dinitrophenol
Concen: 61.314 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:184 Resp: 66479

Ion	Ratio	Lower	Upper
184	100		
63	133.6	149.3	223.9#
154	743.3	1048.0	1572.0#

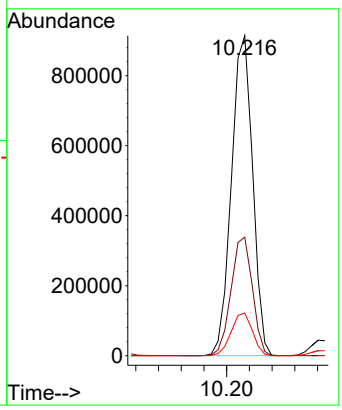




#55
Dibenzofuran
Concen: 56.052 ng
RT: 10.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:168 Resp: 118400

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.6
169	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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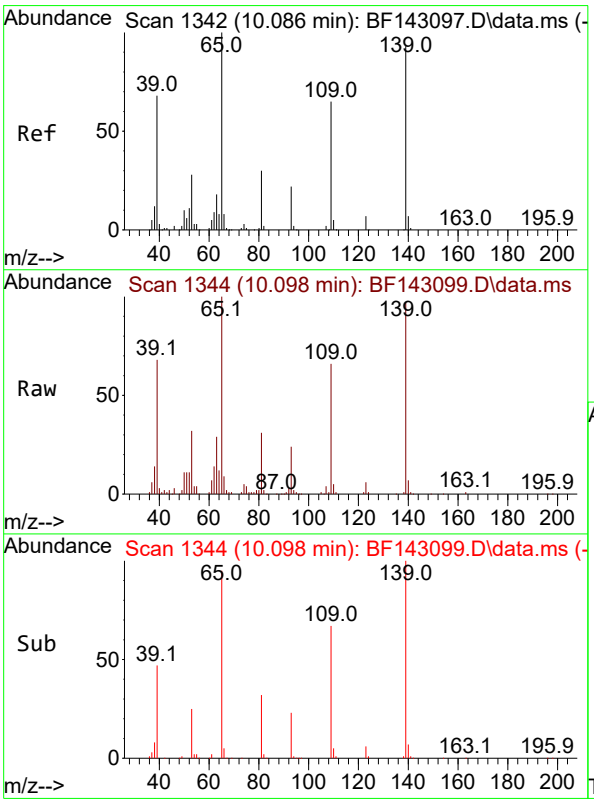
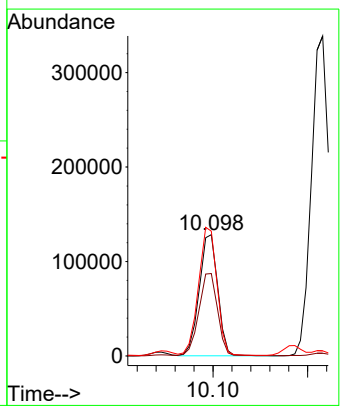
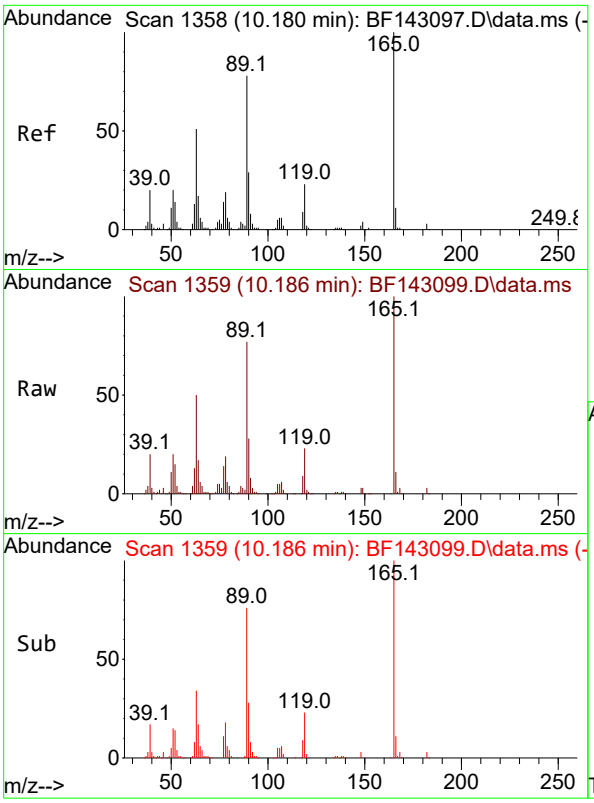


#56
4-Nitrophenol
Concen: 65.716 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:139 Resp: 174657

Ion	Ratio	Lower	Upper
139	100		
109	67.9	49.4	89.4
65	102.8	88.2	128.2

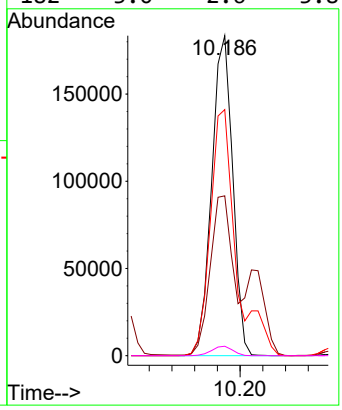




#57
2,4-Dinitrotoluene
Concen: 60.695 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:165 Resp: 23548

Ion	Ratio	Lower	Upper
165	100		
63	49.9	40.6	61.0
89	76.9	62.3	93.5
182	3.0	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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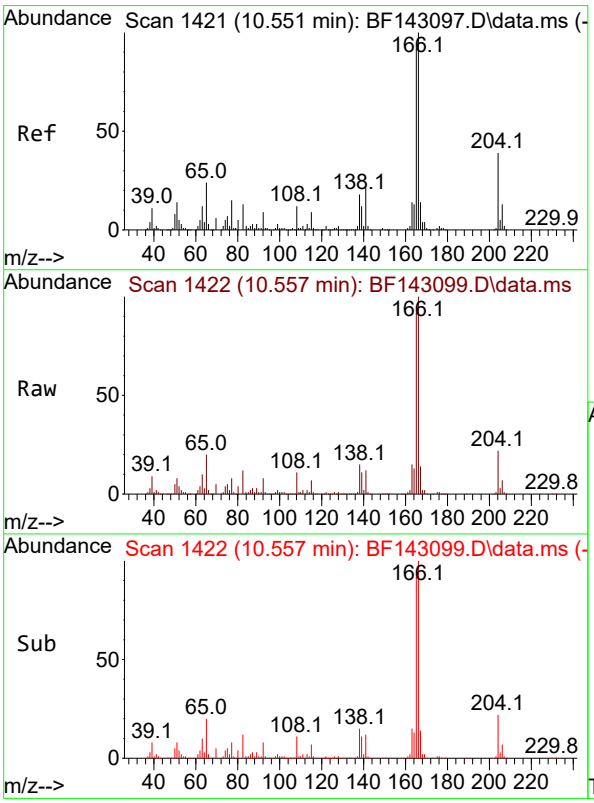
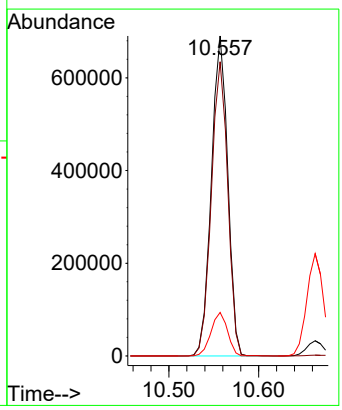
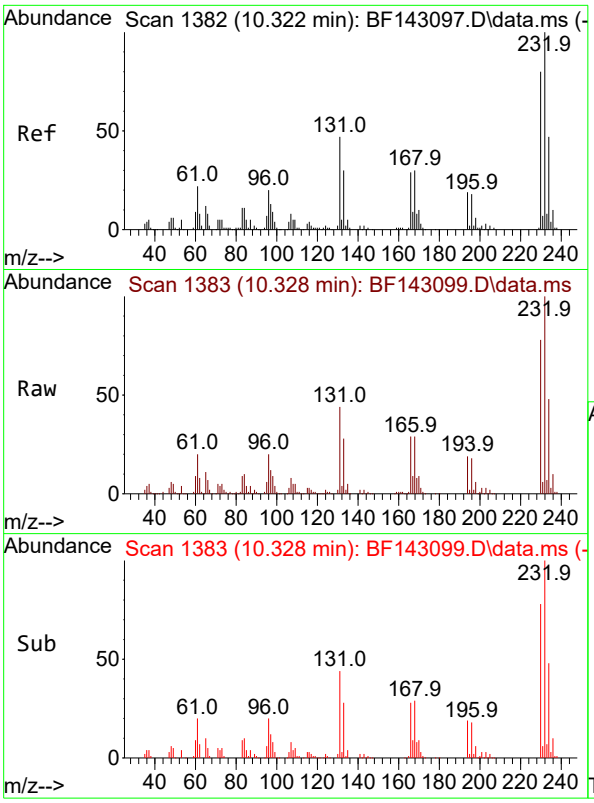


#58
Fluorene
Concen: 55.265 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:166 Resp: 875218

Ion	Ratio	Lower	Upper
166	100		
165	91.9	73.7	110.5
167	13.6	10.9	16.3

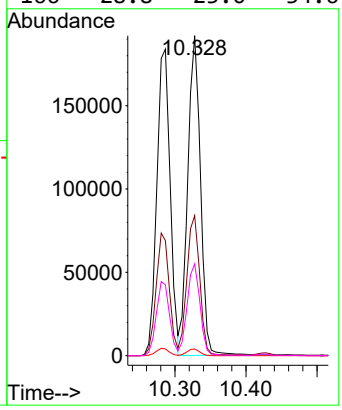




#59
2,3,4,6-Tetrachlorophenol
Concen: 64.235 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:232 Resp: 23842

Ion	Ratio	Lower	Upper
232	100		
131	43.9	36.9	55.3
130	2.1	1.8	2.8
166	28.8	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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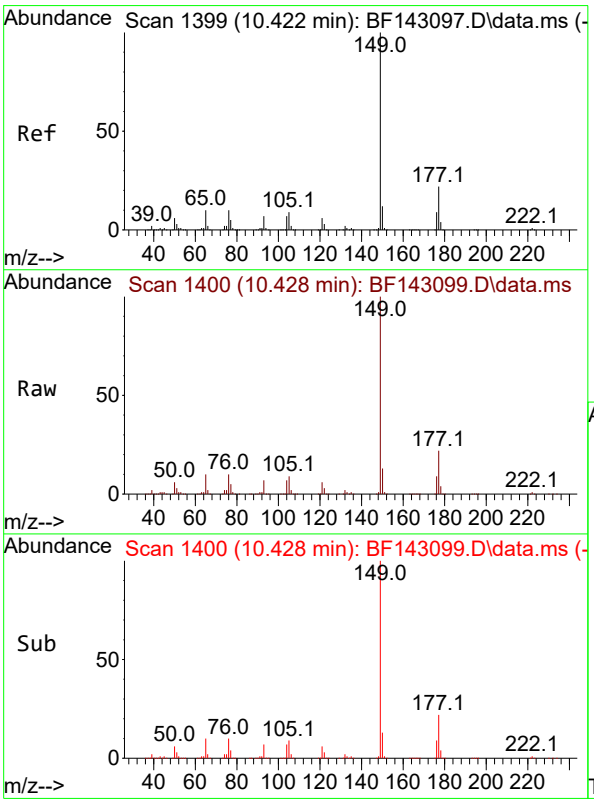
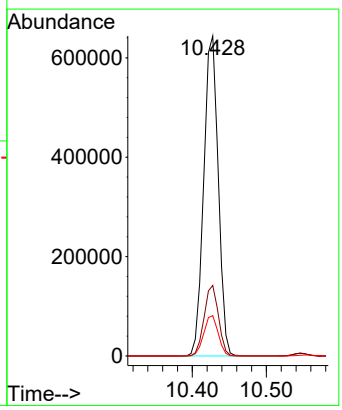
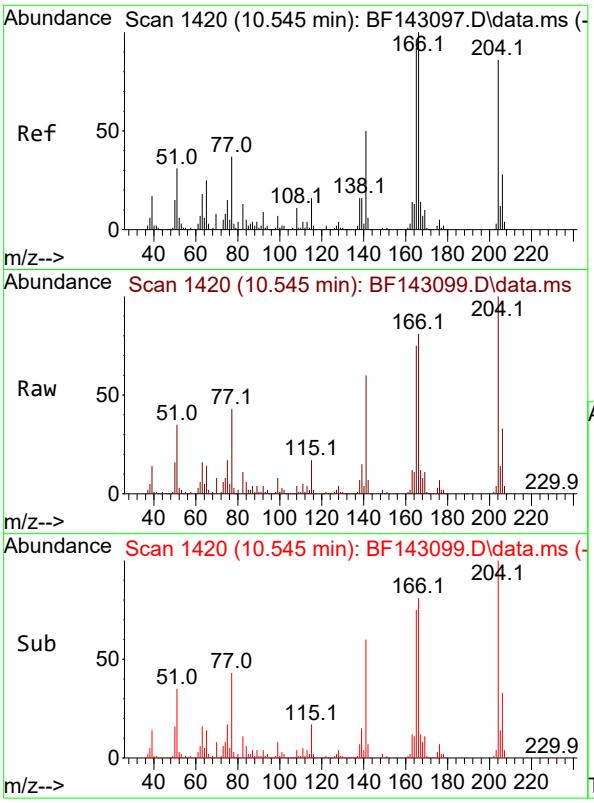


#60
Diethylphthalate
Concen: 58.672 ng
RT: 10.428 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 876047

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.6	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 57.000 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 43265

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	59.9	46.8	70.2

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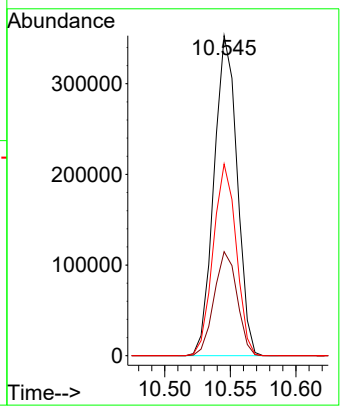
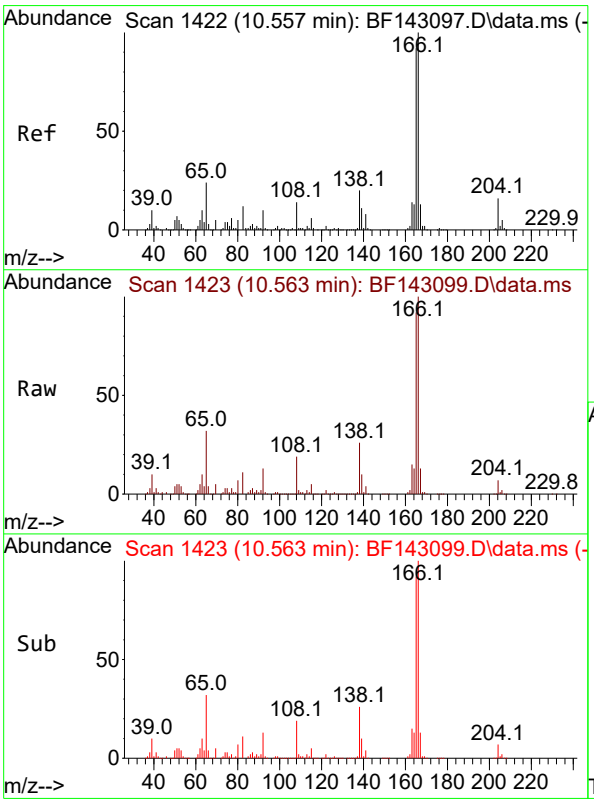
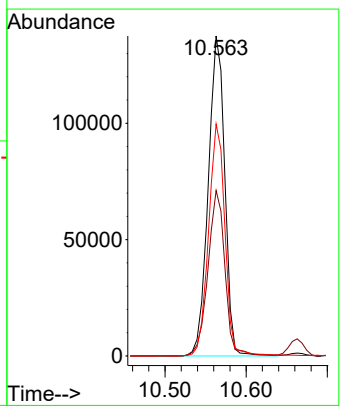


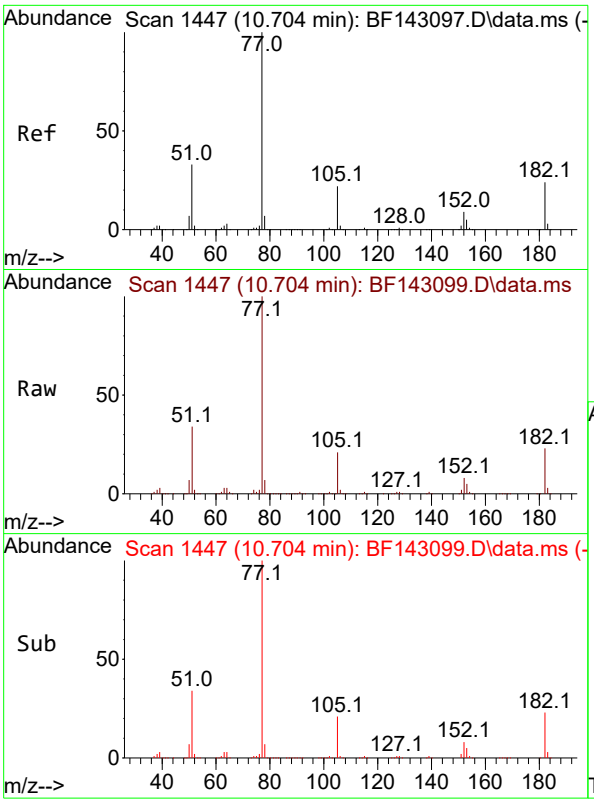


#62
4-Nitroaniline
Concen: 66.802 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:138 Resp: 194271

Ion	Ratio	Lower	Upper
138	100		
92	51.7	30.4	70.4
108	72.5	49.5	89.5





#63
Azobenzene
Concen: 57.300 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 94620

Ion	Ratio	Lower	Upper
77	100		
182	23.2	4.0	44.0
105	21.1	1.4	41.4
51	33.8	14.3	54.3

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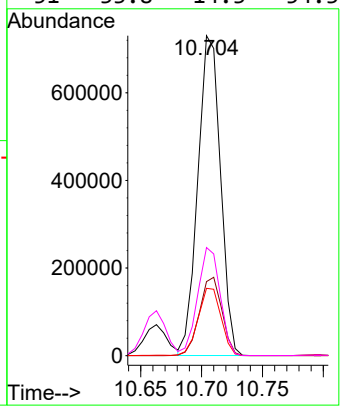
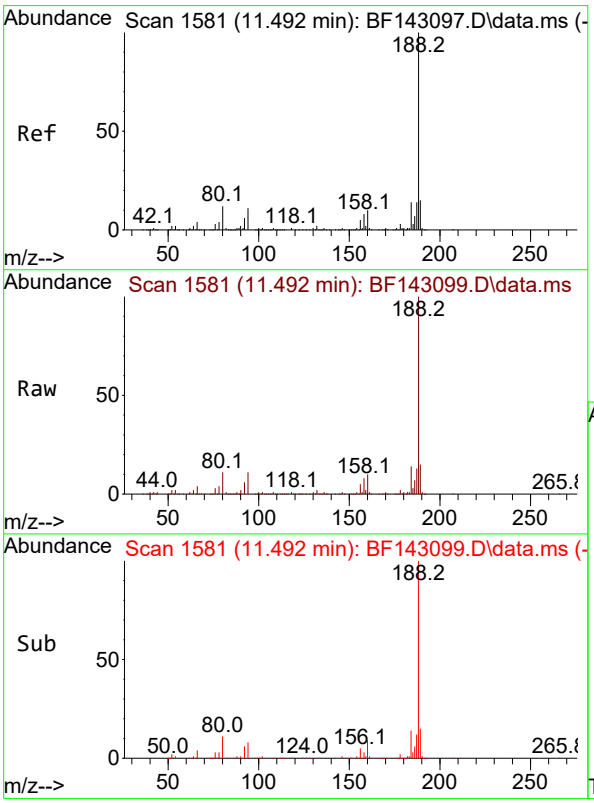
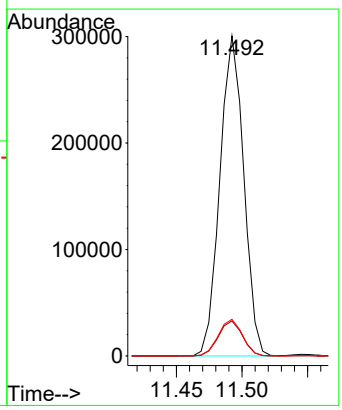


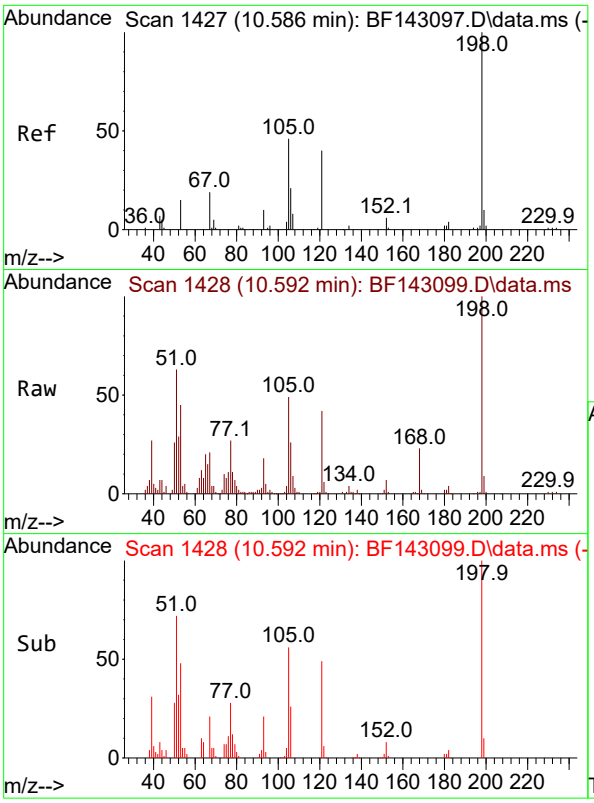


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:188 Resp: 380313

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	11.4	9.3	13.9





#65
4,6-Dinitro-2-methylphenol
Concen: 62.285 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:198 Resp: 9630

Ion	Ratio	Lower	Upper
198	100		
51	62.6	44.6	84.6
105	48.6	29.3	69.3

Instrument :
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ClientSampleId :
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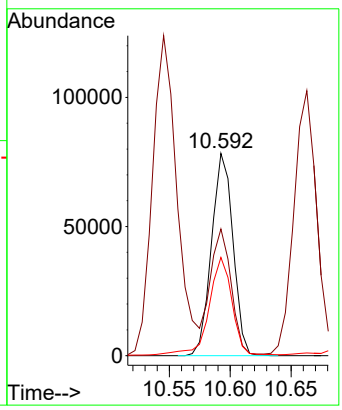
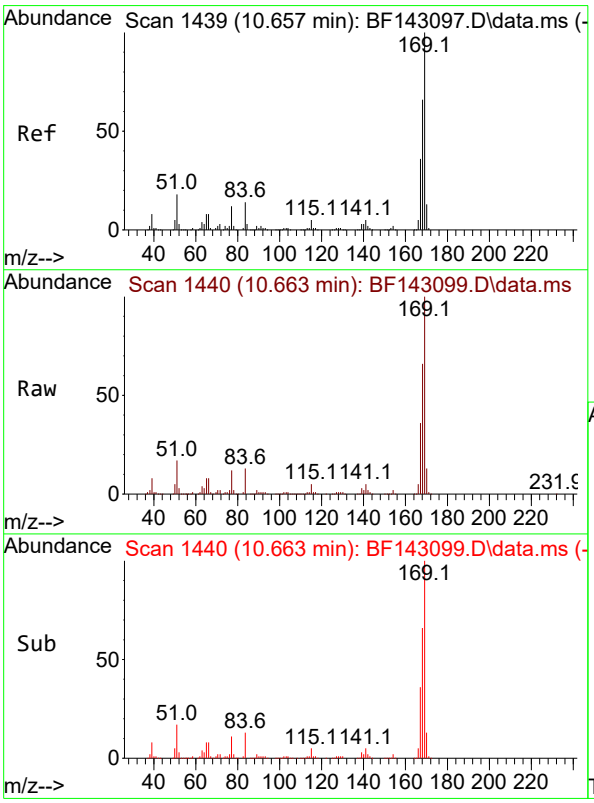
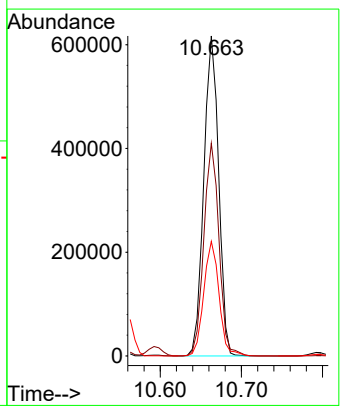


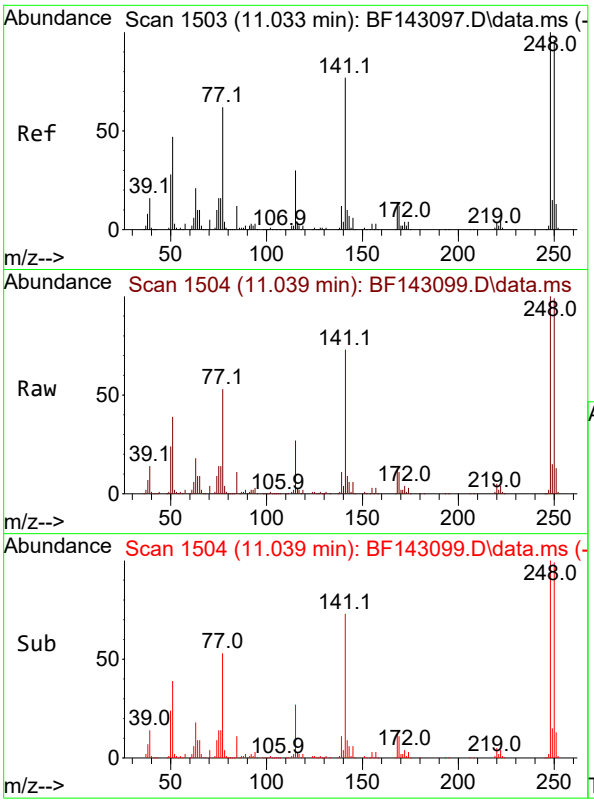


#66
n-Nitrosodiphenylamine
Concen: 58.469 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:169 Resp: 781087

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.0	79.6
167	35.8	28.4	42.6

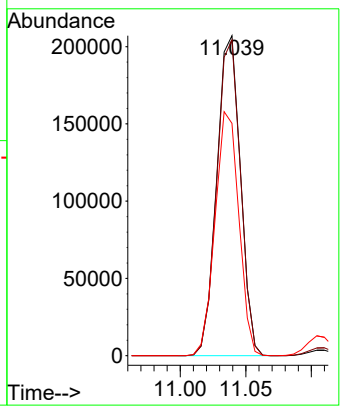




#67
4-Bromophenyl-phenylether
Concen: 60.229 ng
RT: 11.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:248 Resp: 26049

Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.7	115.1
141	72.6	61.7	92.5



Instrument :
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ClientSampleId :
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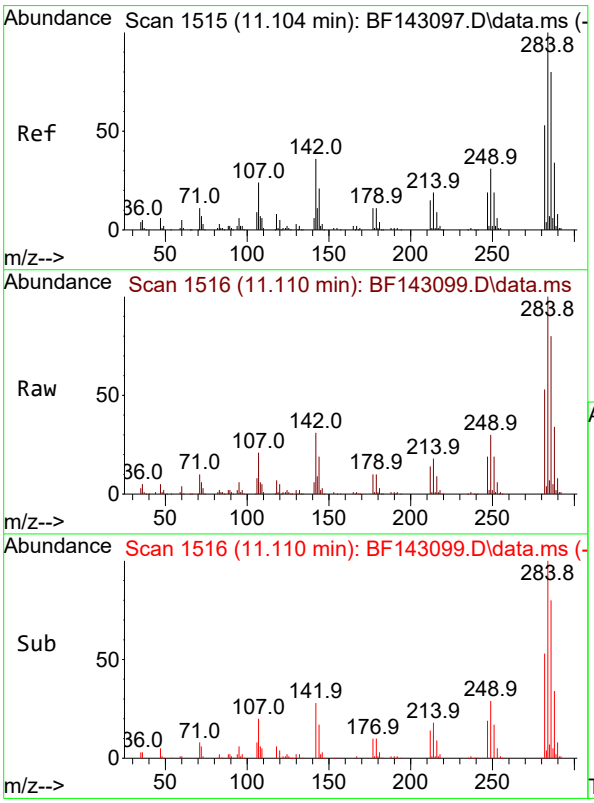
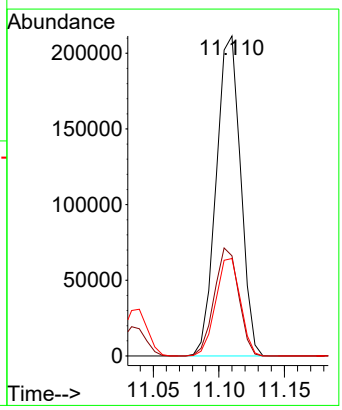
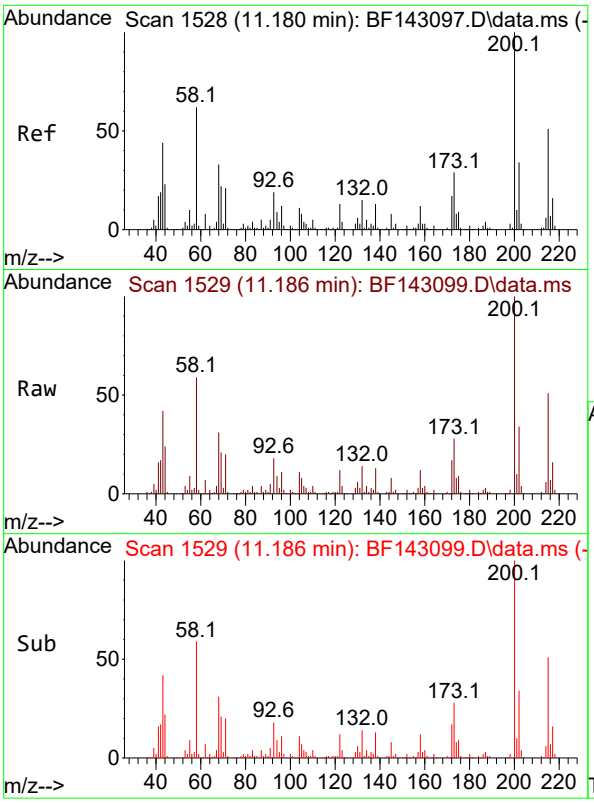


#68
Hexachlorobenzene
Concen: 59.515 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:284 Resp: 273112

Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.9	43.3
249	30.5	24.6	37.0

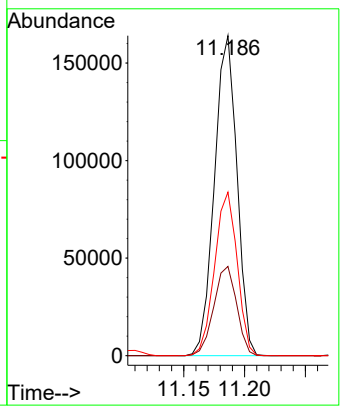




#69
Atrazine
Concen: 61.838 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:200 Resp: 21135

Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.1	49.1
215	51.1	31.0	71.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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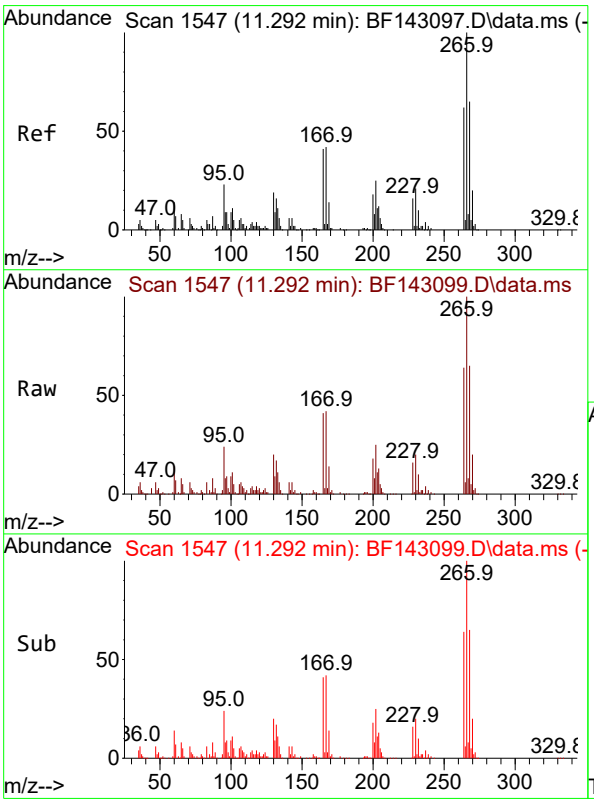
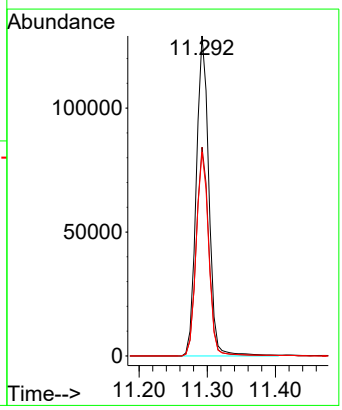
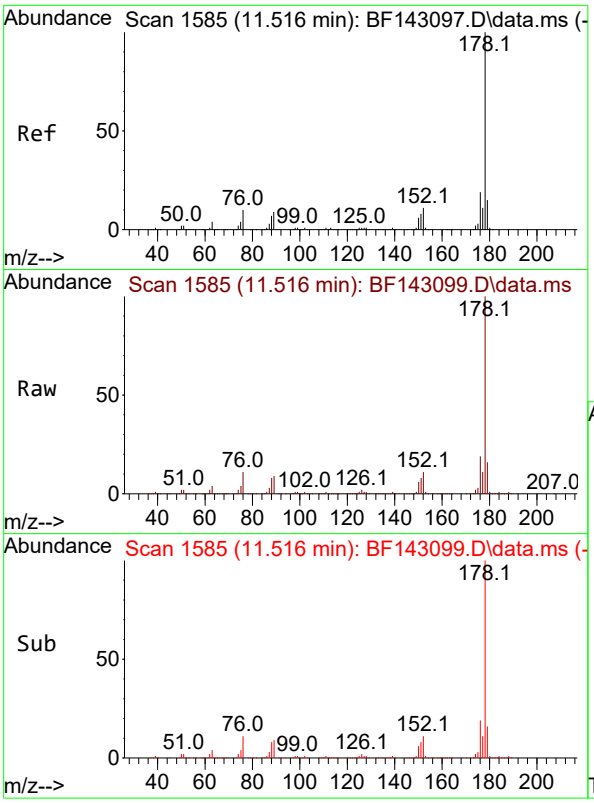


#70
Pentachlorophenol
Concen: 65.805 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:266 Resp: 165676

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.8	77.6
264	63.7	49.7	74.5





#71
Phenanthrene
Concen: 56.762 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:178 Resp: 116504

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.7	12.2	18.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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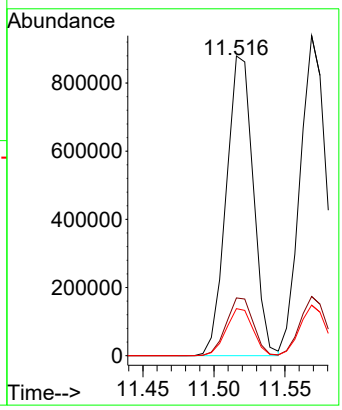
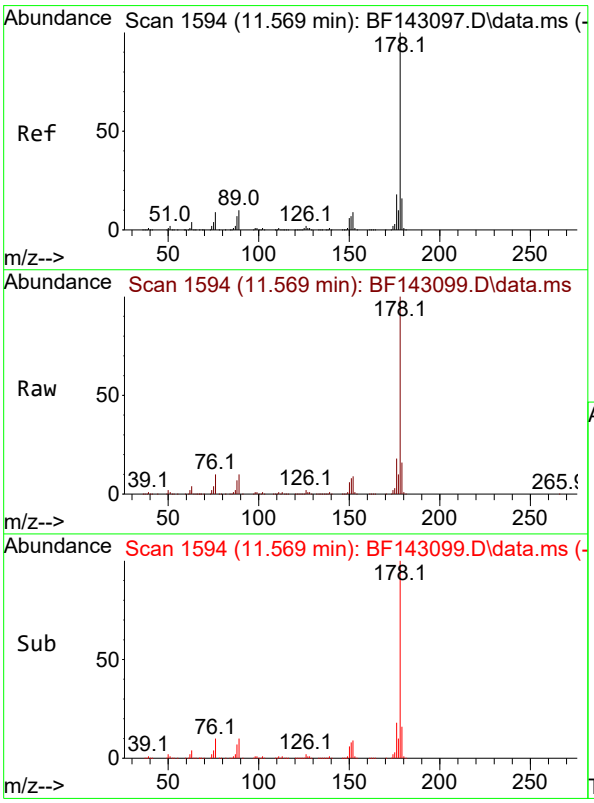
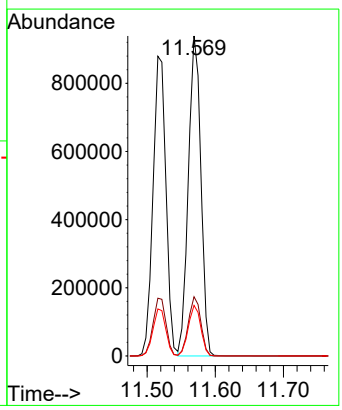


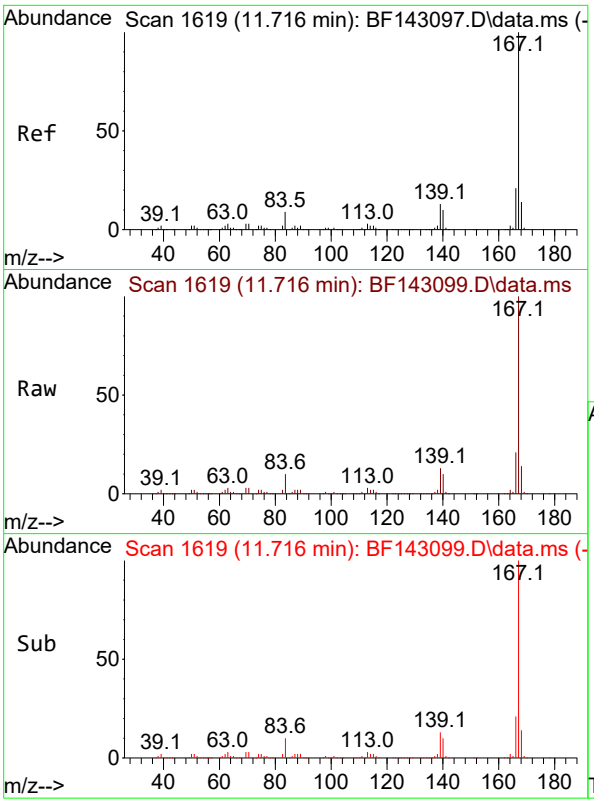


#72
Anthracene
Concen: 57.589 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:178 Resp: 1188635

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.8	12.4	18.6

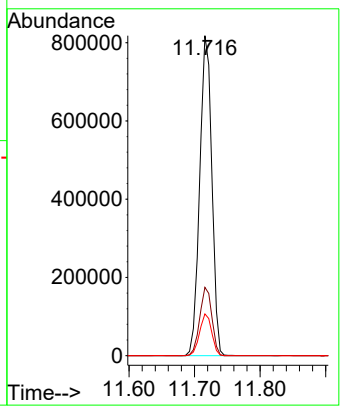




#73
Carbazole
Concen: 57.179 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:167 Resp: 105729

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.1	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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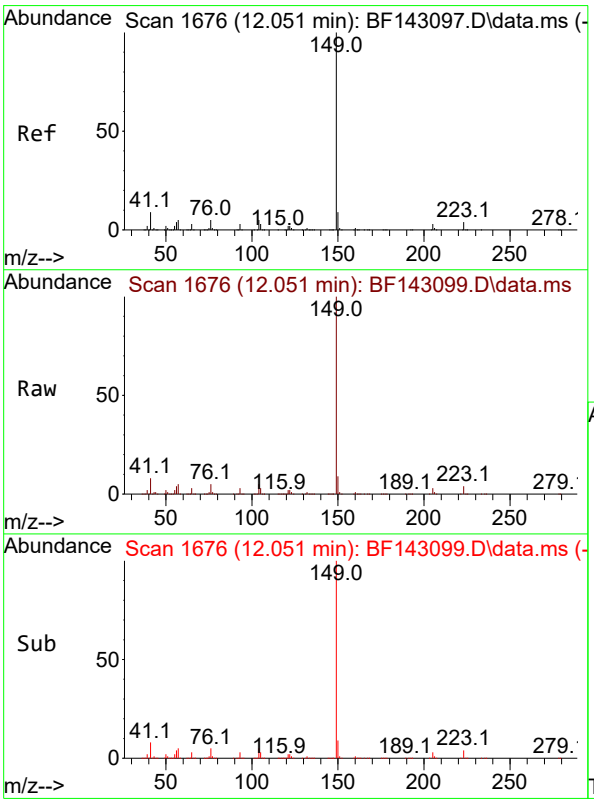
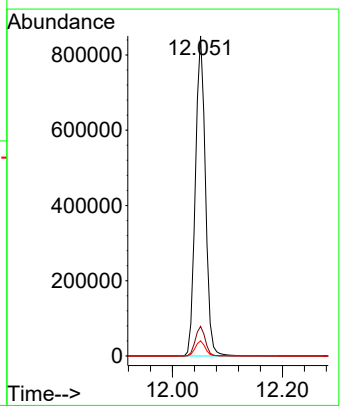
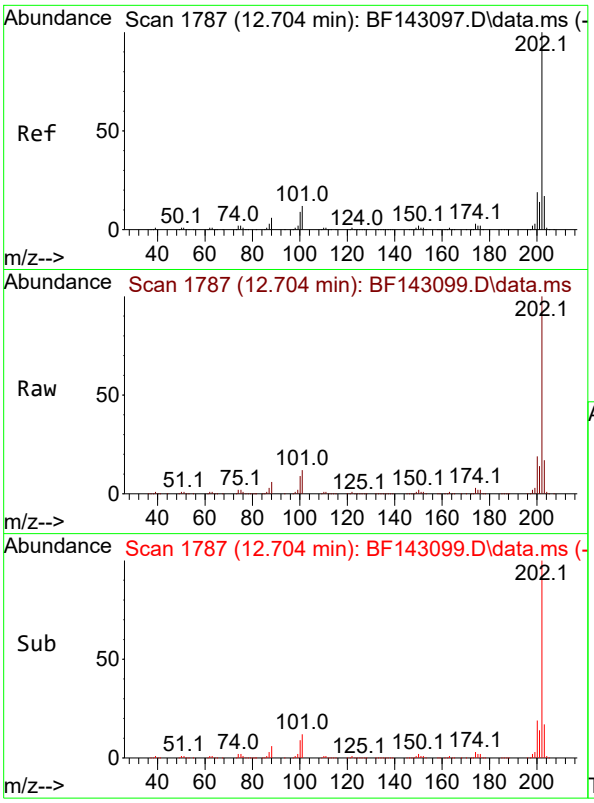


#74
Di-n-butylphthalate
Concen: 63.291 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 1074246

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.8

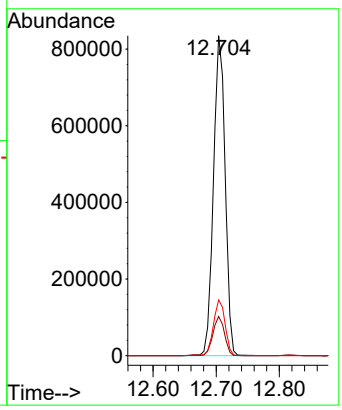




#75
Fluoranthene
Concen: 57.328 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:202 Resp: 106989

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
203	17.4	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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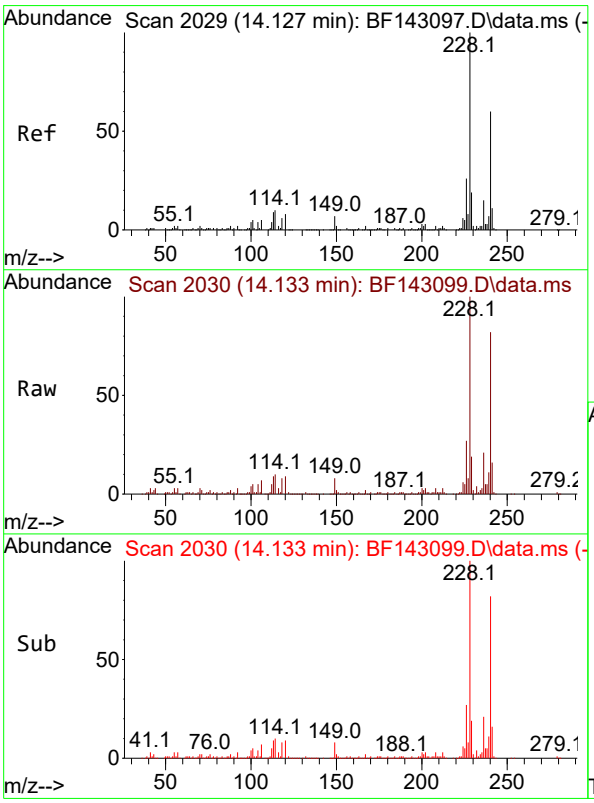
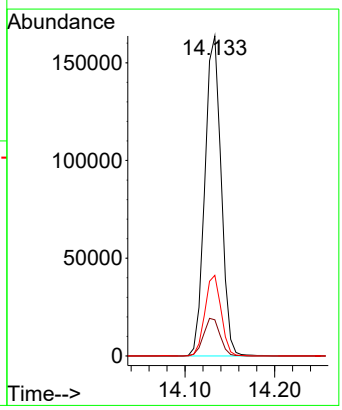
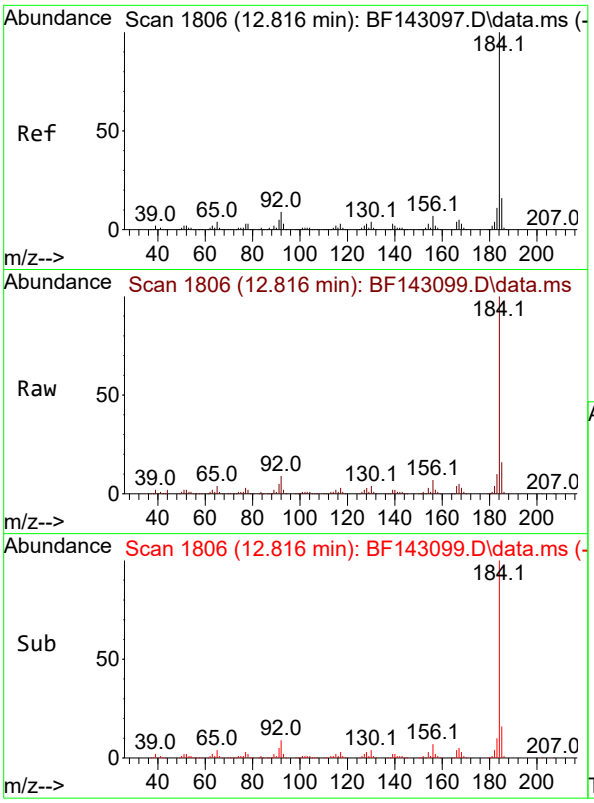


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:240 Resp: 205942

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	25.2	20.0	30.0

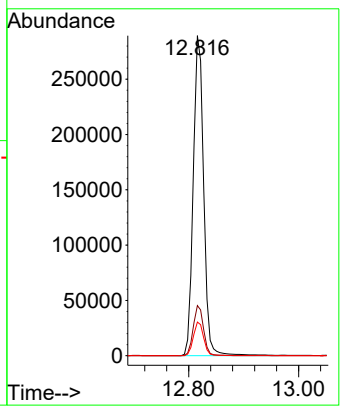




#77
Benzidine
Concen: 54.244 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:184 Resp: 38058

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.4	18.6
183	10.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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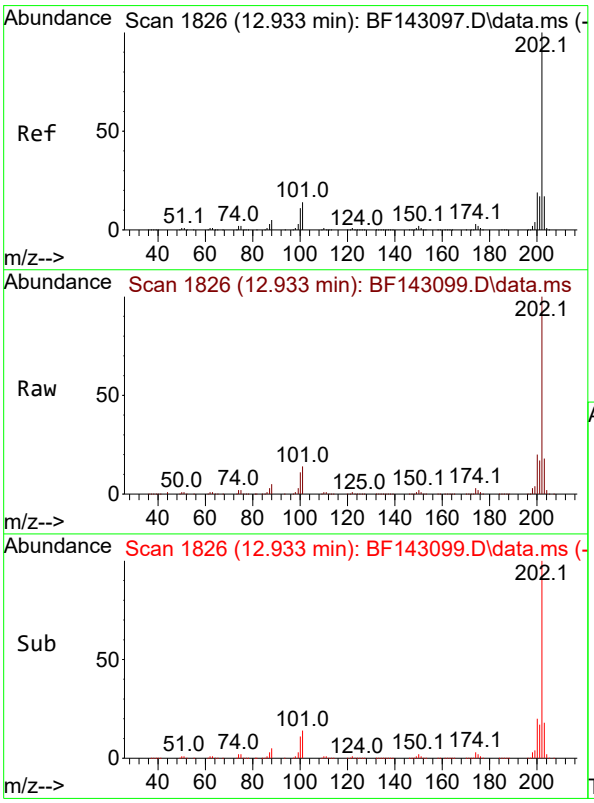
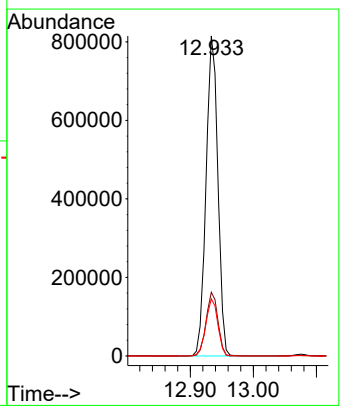
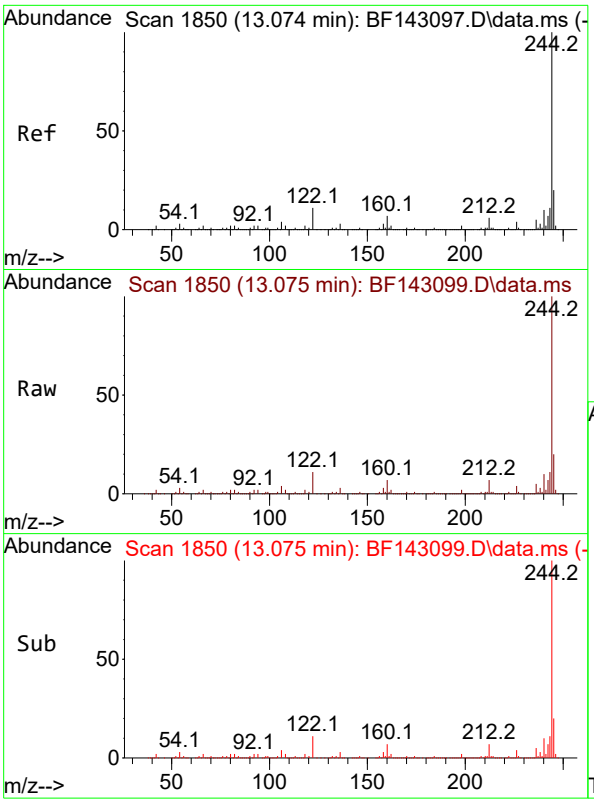


#78
Pyrene
Concen: 55.485 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:202 Resp: 1060216

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	17.8	14.0	21.0

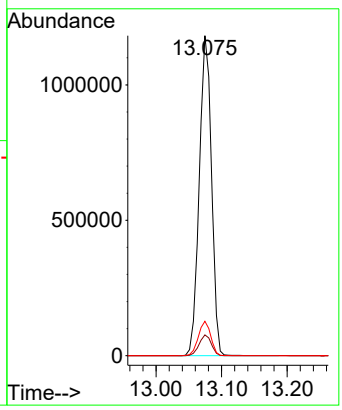




#79
Terphenyl-d14
Concen: 109.260 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:244 Resp: 153927

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.7	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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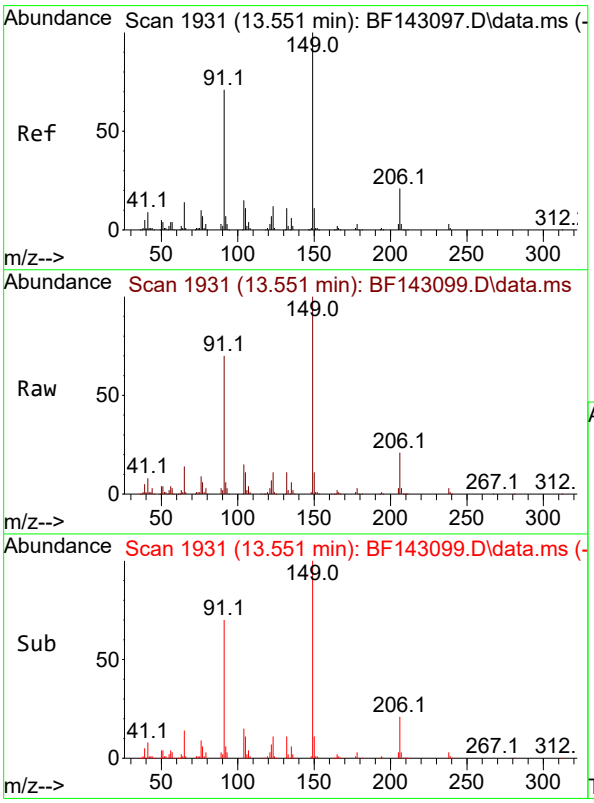
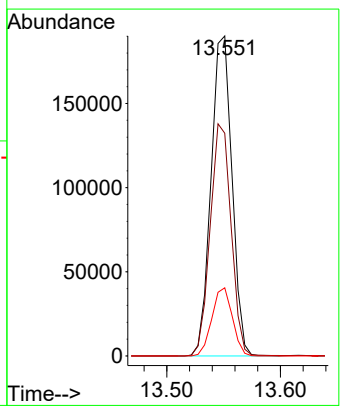
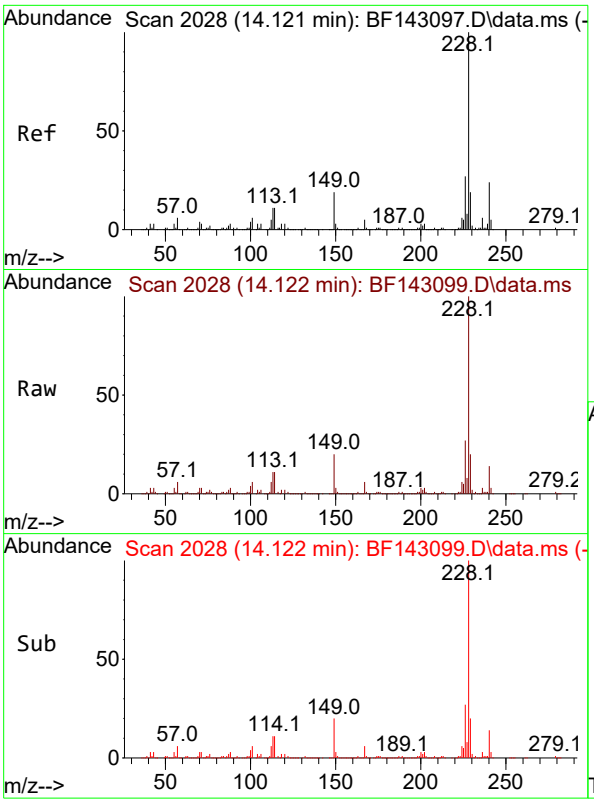


#80
Butylbenzylphthalate
Concen: 62.406 ng
RT: 13.551 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 243805

Ion	Ratio	Lower	Upper
149	100		
91	69.6	57.0	85.4
206	21.3	17.2	25.8





#81
Benzo(a)anthracene
Concen: 59.697 ng
RT: 14.122 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 81924

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.5	15.5	23.3

Manual Integrations
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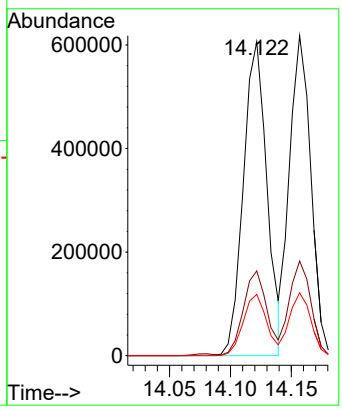
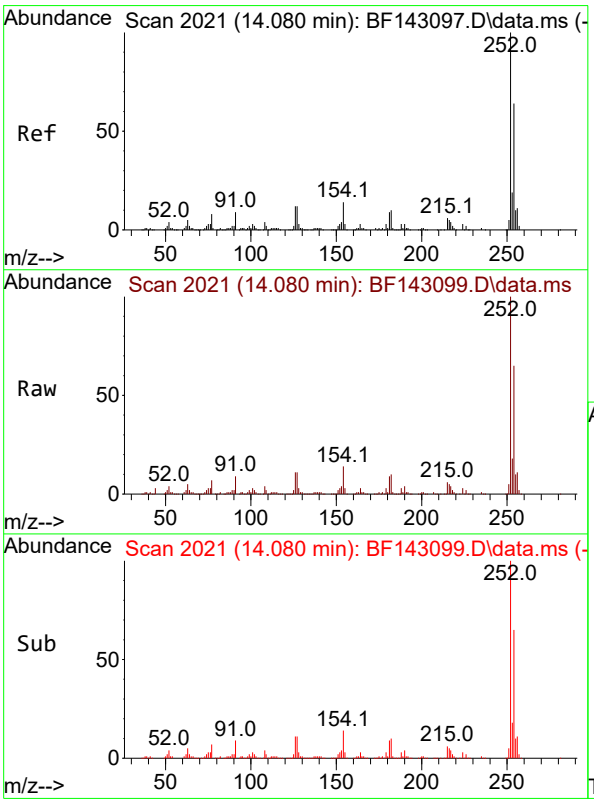
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

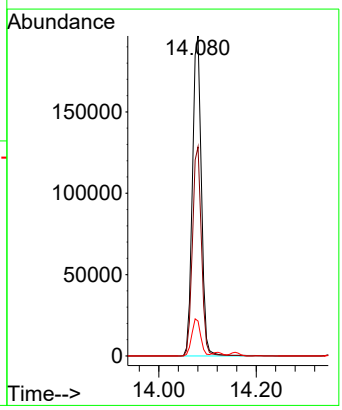


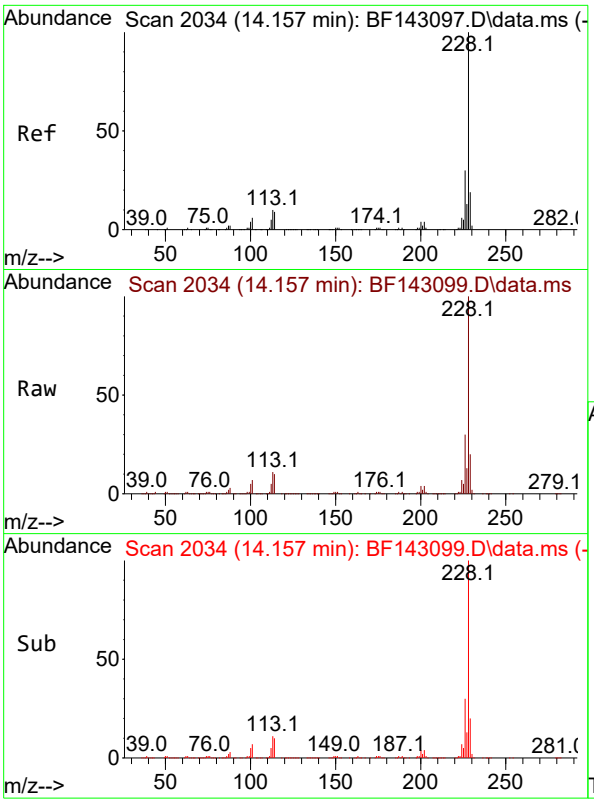


#82
3,3'-Dichlorobenzidine
Concen: 63.758 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:252 Resp: 254086

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	10.9	9.4	14.0

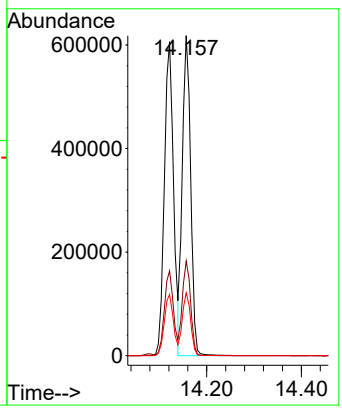




#83
Chrysene
Concen: 60.044 ng
RT: 14.157 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:228 Resp: 75891(

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.7	15.3	22.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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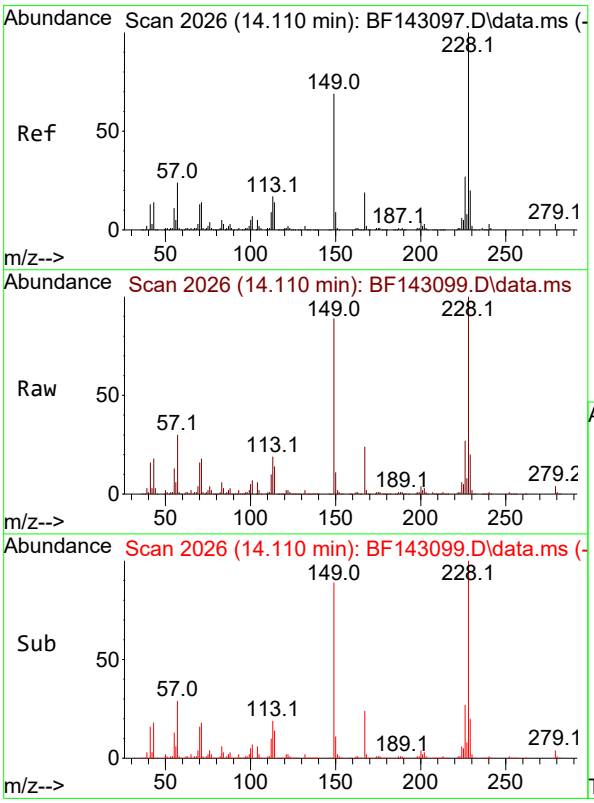
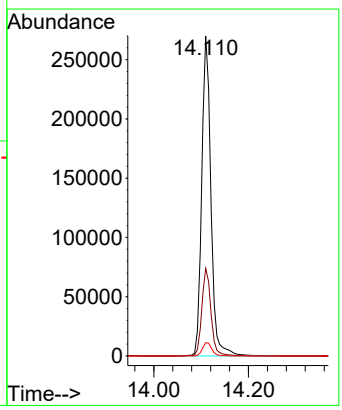
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

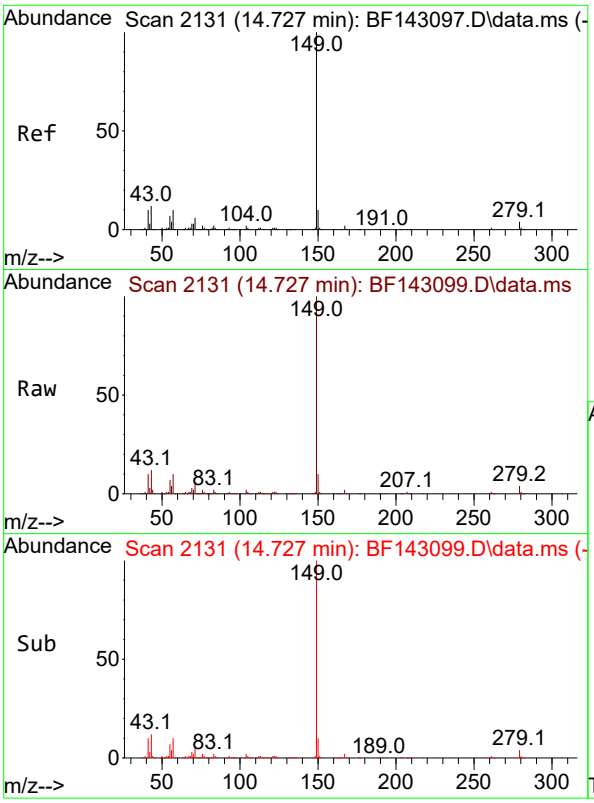


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.957 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 364902

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.2	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 60.817 ng
RT: 14.727 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:149 Resp: 68894

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.4	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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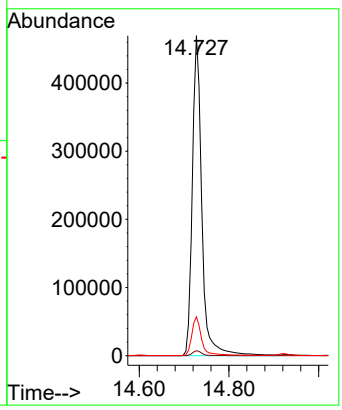
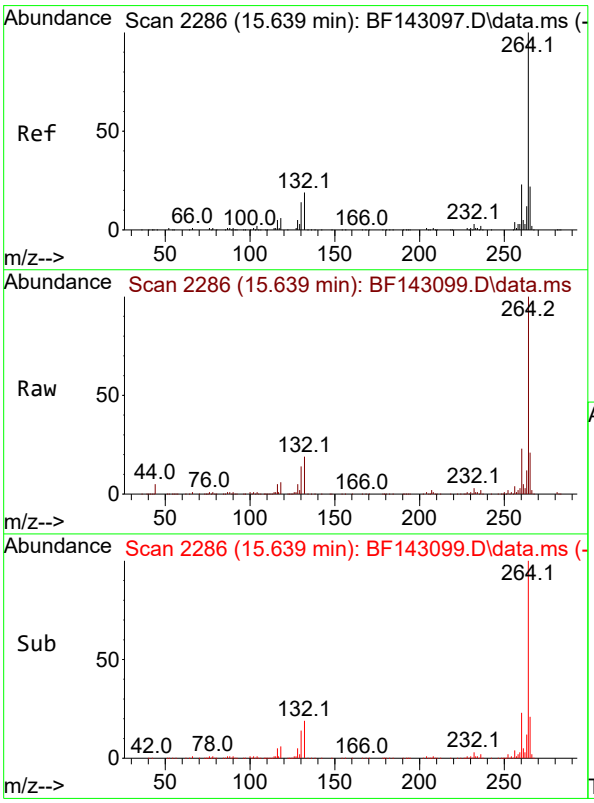
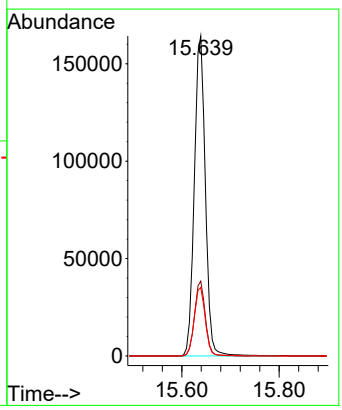


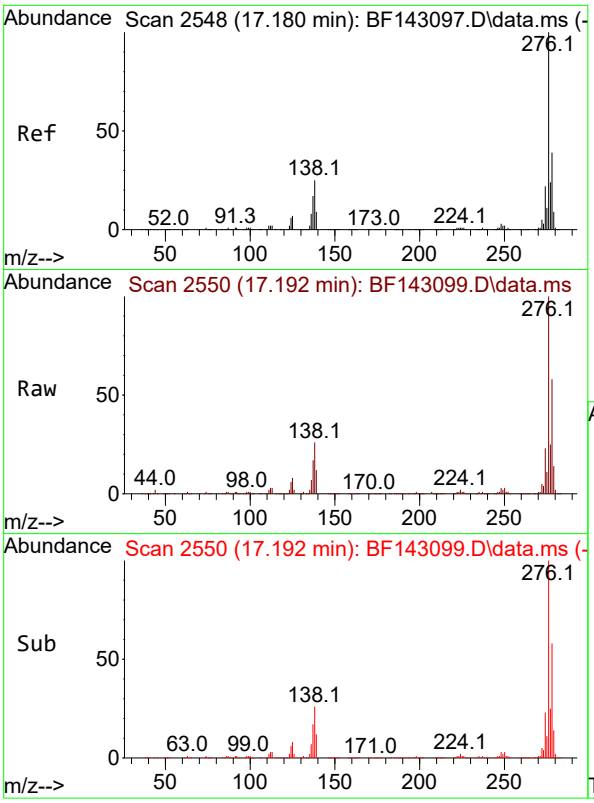


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:264 Resp: 260121

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.4	17.5	26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.286 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 118570

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.6	34.0
277	25.4	20.2	30.2

Manual Integrations
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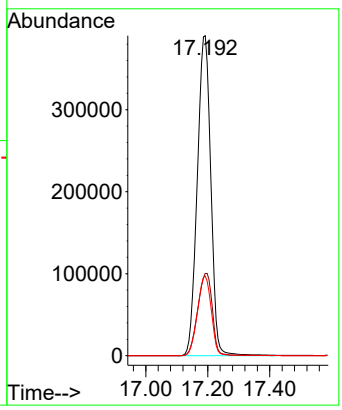
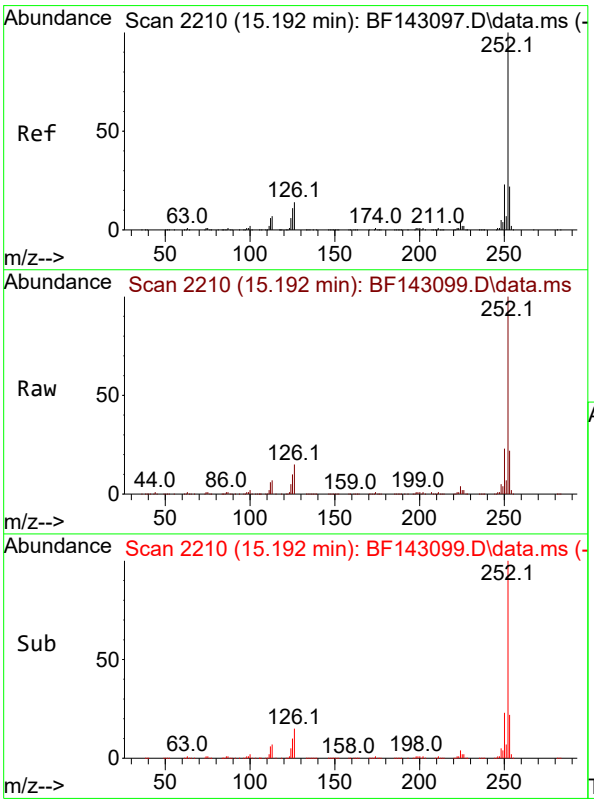
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

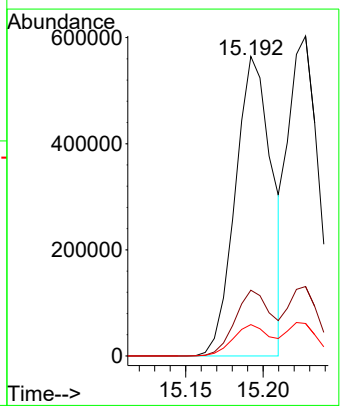


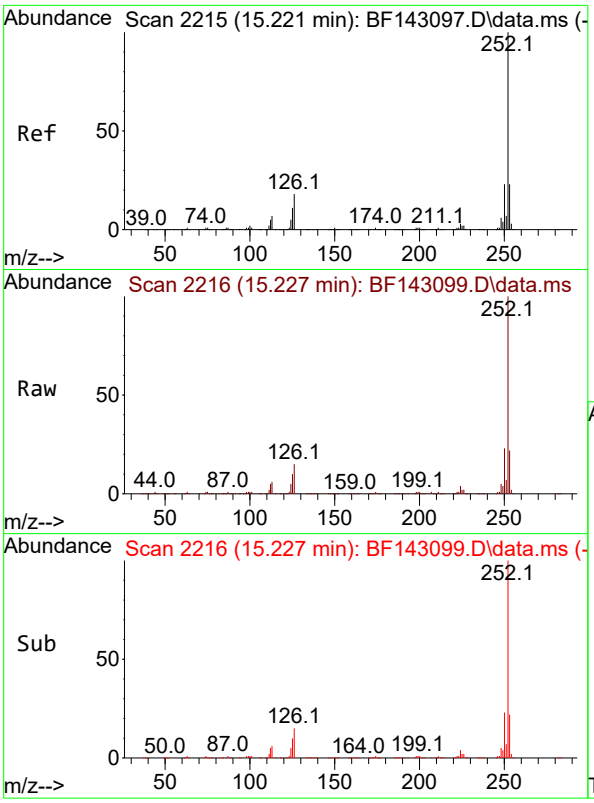


#88
Benzo(b)fluoranthene
Concen: 61.640 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:252 Resp: 924866

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.5	8.6	13.0





#89
Benzo(k)fluoranthene
Concen: 57.794 ng
RT: 15.227 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:252 Resp: 82727

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	8.5	12.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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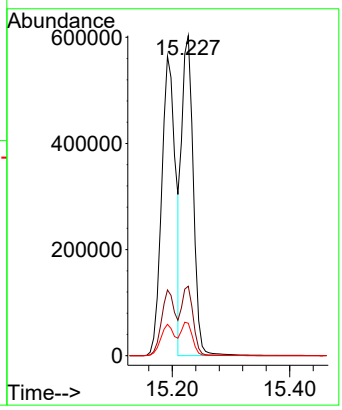
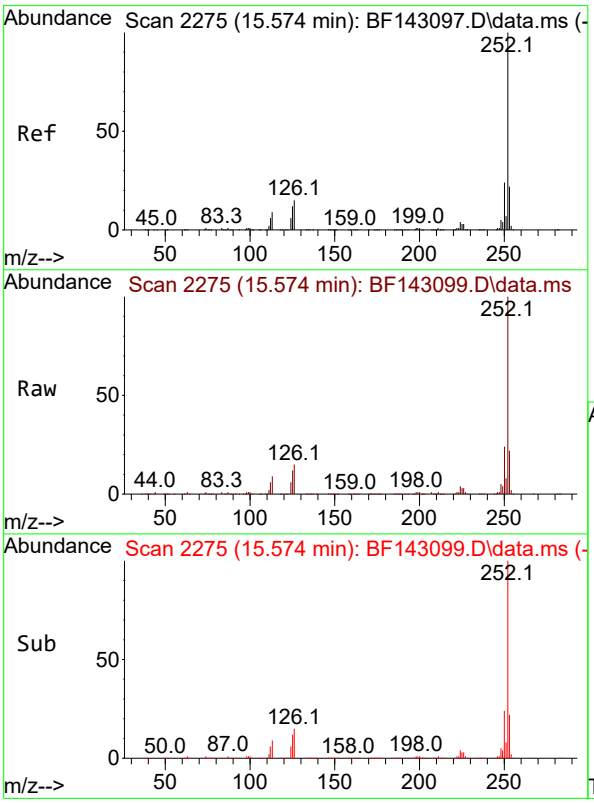
Supervised By :Jagrut Upadhyay 07/16/2025

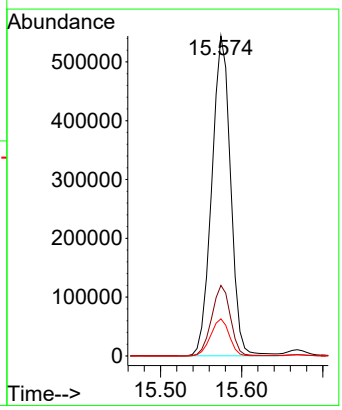


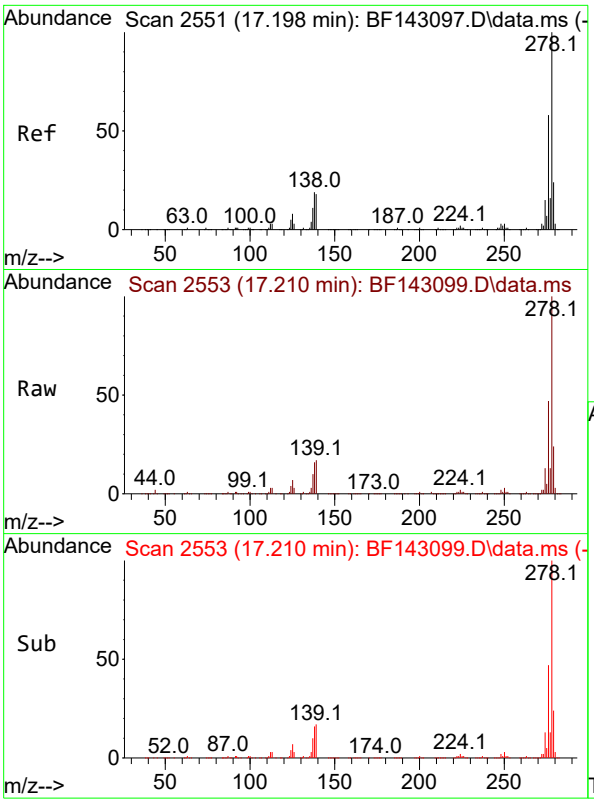


#90
Benzo(a)pyrene
Concen: 61.791 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:252 Resp: 876856

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.6	9.4	14.0

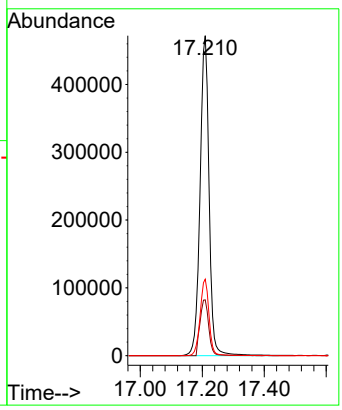




#91
Dibenzo(a,h)anthracene
Concen: 60.300 ng
RT: 17.210 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:278 Resp: 95366

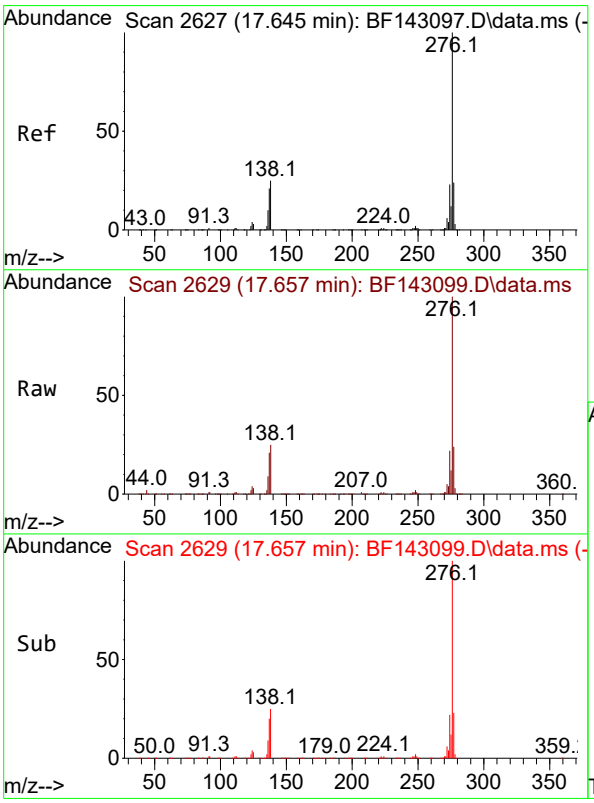
Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.6	22.0
279	23.9	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

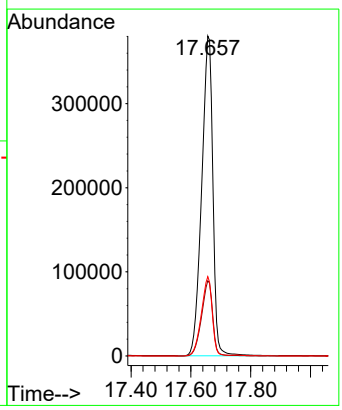
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 60.962 ng
RT: 17.657 min Scan# 2629
Delta R.T. 0.012 min
Lab File: BF143099.D
Acq: 15 Jul 2025 16:05

Tgt Ion:276 Resp: 982960

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	24.8	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143100.D
Acq On : 15 Jul 2025 16:35
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 17:42:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	129576	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	487361	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	236260	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	362117	20.000	ng		0.00
76) Chrysene-d12	14.133	240	196411	20.000	ng		0.00
86) Perylene-d12	15.639	264	256691	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1189824	145.077	ng		0.00
7) Phenol-d6	6.593	99	1493965	144.917	ng		0.00
23) Nitrobenzene-d5	7.534	82	1441614	165.933	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	355830	168.911	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	2339151	131.609	ng		0.00
79) Terphenyl-d14	13.075	244	1779829	132.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	303852	74.427	ng		100
3) Pyridine	3.581	79	787323	76.158	ng		99
4) n-Nitrosodimethylamine	3.534	42	421072	78.614	ng		100
6) Aniline	6.634	93	1072162	73.855	ng		100
8) 2-Chlorophenol	6.757	128	628294	76.249	ng		99
9) Benzaldehyde	6.522	77	447861	57.014	ng		99
10) Phenol	6.610	94	820918m	73.558	ng		
11) bis(2-Chloroethyl)ether	6.704	93	626821	72.551	ng		98
12) 1,3-Dichlorobenzene	6.916	146	666489	71.595	ng		100
13) 1,4-Dichlorobenzene	6.987	146	669586	71.496	ng		99
14) 1,2-Dichlorobenzene	7.145	146	643168	72.014	ng		99
15) Benzyl Alcohol	7.104	79	586953	76.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	1125357	70.661	ng		98
17) 2-Methylphenol	7.216	107	536428	75.438	ng		99
18) Hexachloroethane	7.487	117	235713	77.313	ng		99
19) n-Nitroso-di-n-propyla...	7.393	70	464705	73.578	ng		98
20) 3+4-Methylphenols	7.369	107	616275	70.670	ng		95
22) Acetophenone	7.381	105	817243	69.563	ng	#	95
24) Nitrobenzene	7.551	77	676569	80.671	ng		99
25) Isophorone	7.798	82	1269015	75.573	ng		100
26) 2-Nitrophenol	7.863	139	287169	82.598	ng		98
27) 2,4-Dimethylphenol	7.898	122	582059	74.683	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	731977	71.885	ng		100
29) 2,4-Dichlorophenol	8.104	162	496027	77.795	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	520808	71.974	ng		98
31) Naphthalene	8.275	128	1711163	70.704	ng		100
32) Benzoic acid	8.022	122	336178	81.374	ng		99
33) 4-Chloroaniline	8.316	127	688999	70.795	ng		99
34) Hexachlorobutadiene	8.398	225	318274	73.546	ng		98
35) Caprolactam	8.698	113	161466	81.097	ng		94
36) 4-Chloro-3-methylphenol	8.792	107	539340	75.937	ng		97
37) 2-Methylnaphthalene	8.963	142	1021312	70.738	ng		99
38) 1-Methylnaphthalene	9.063	142	1047560	69.955	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	493246	71.639	ng		99
41) Hexachlorocyclopentadiene	9.128	237	324865	85.103	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	355839	83.176	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143100.D
Acq On : 15 Jul 2025 16:35
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 17:42:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	357298	79.651	ng		99
46)	1,1'-Biphenyl	9.428	154	1307947	69.419	ng		99
47)	2-Chloronaphthalene	9.457	162	990436	71.557	ng		99
48)	2-Nitroaniline	9.539	65	335875	79.074	ng		99
49)	Acenaphthylene	9.875	152	1650097	71.544	ng		99
50)	Dimethylphthalate	9.728	163	1104756	74.327	ng		100
51)	2,6-Dinitrotoluene	9.787	165	233478	77.660	ng		91
52)	Acenaphthene	10.045	154	975285	71.657	ng		99
53)	3-Nitroaniline	9.951	138	279161	86.920	ng		99
54)	2,4-Dinitrophenol	10.057	184	91751	79.064	ng	#	1
55)	Dibenzofuran	10.216	168	1432458	70.610	ng		100
56)	4-Nitrophenol	10.098	139	219224	85.886	ng		97
57)	2,4-Dinitrotoluene	10.186	165	302558	80.048	ng		99
58)	Fluorene	10.557	166	1043990	68.640	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.328	232	291933	81.893	ng		99
60)	Diethylphthalate	10.428	149	1067815	74.464	ng		99
61)	4-Chlorophenyl-phenyle...	10.545	204	524910	72.005	ng		98
62)	4-Nitroaniline	10.569	138	244461	87.527	ng		97
63)	Azobenzene	10.710	77	1141613	71.985	ng		98
65)	4,6-Dinitro-2-methylph...	10.598	198	125251	78.600	ng		96
66)	n-Nitrosodiphenylamine	10.663	169	947890	74.520	ng		99
67)	4-Bromophenyl-phenylether	11.039	248	316619	76.885	ng		97
68)	Hexachlorobenzene	11.110	284	333899	76.417	ng		96
69)	Atrazine	11.186	200	266668	81.943	ng		97
70)	Pentachlorophenol	11.292	266	210729	87.905	ng		99
71)	Phenanthrene	11.522	178	1401500	71.714	ng		99
72)	Anthracene	11.569	178	1423259	72.421	ng		99
73)	Carbazole	11.716	167	1264053	71.796	ng		100
74)	Di-n-butylphthalate	12.051	149	1299711	80.422	ng		100
75)	Fluoranthene	12.704	202	1258479	70.821	ng		99
77)	Benzidine	12.816	184	403599	60.315	ng		99
78)	Pyrene	12.933	202	1244953	68.315	ng		99
80)	Butylbenzylphthalate	13.551	149	301525	79.914	ng		99
81)	Benzo(a)anthracene	14.122	228	979909	74.870	ng		99
82)	3,3'-Dichlorobenzidine	14.080	252	296061	77.896	ng		99
83)	Chrysene	14.157	228	913035	75.743	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.110	149	458210	80.495	ng		99
85)	Di-n-octyl phthalate	14.727	149	916748	82.209	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.192	276	1509813	79.082	ng		98
88)	Benzo(b)fluoranthene	15.198	252	1115815	75.360	ng		99
89)	Benzo(k)fluoranthene	15.227	252	1083939	76.736	ng		99
90)	Benzo(a)pyrene	15.580	252	1107280	79.071	ng		99
91)	Dibenzo(a,h)anthracene	17.215	278	1209971	77.528	ng		98
92)	Benzo(g,h,i)perylene	17.668	276	1246206	78.321	ng		98

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

ICAL Form

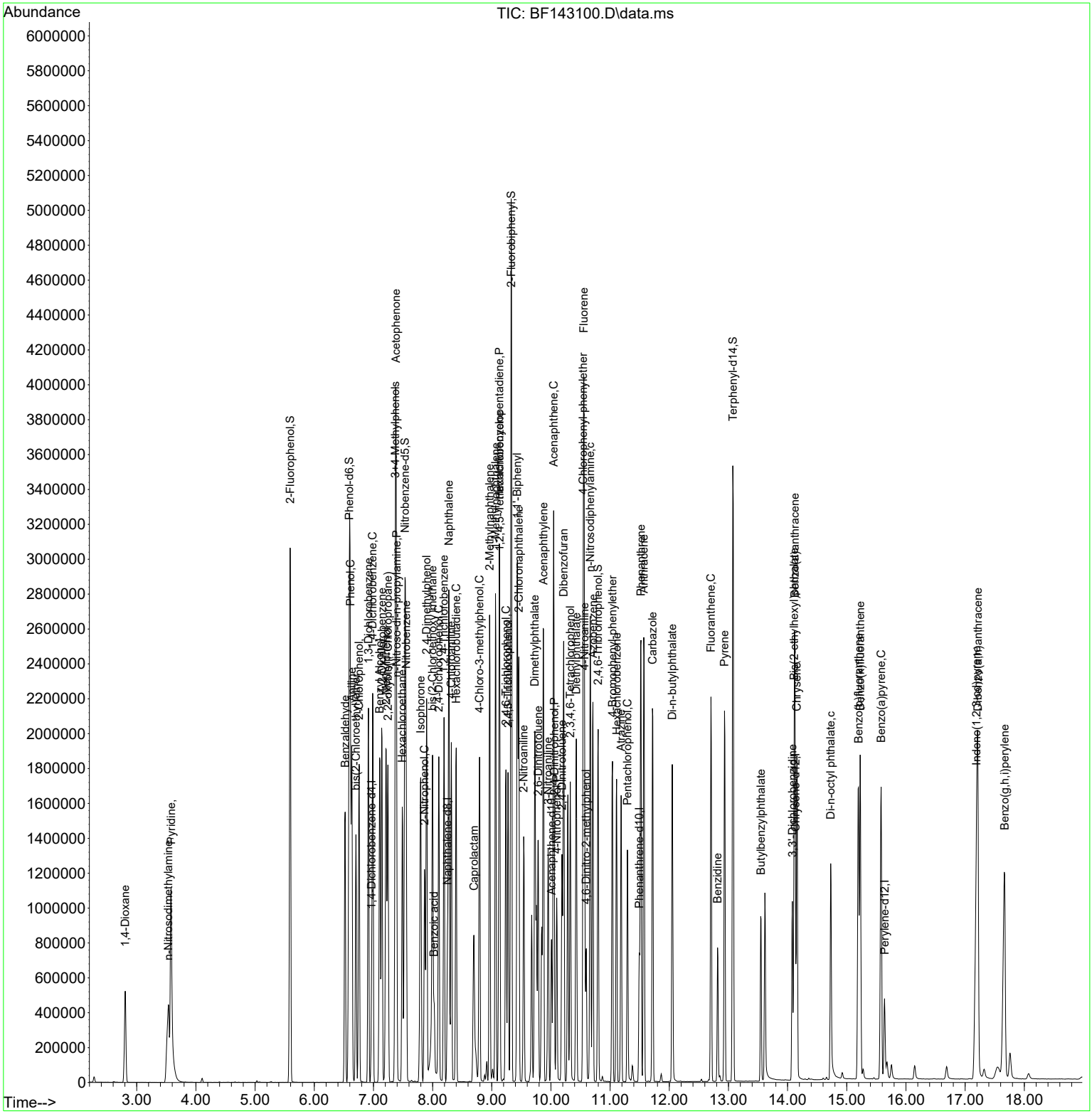
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143100.D
Acq On : 15 Jul 2025 16:35
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

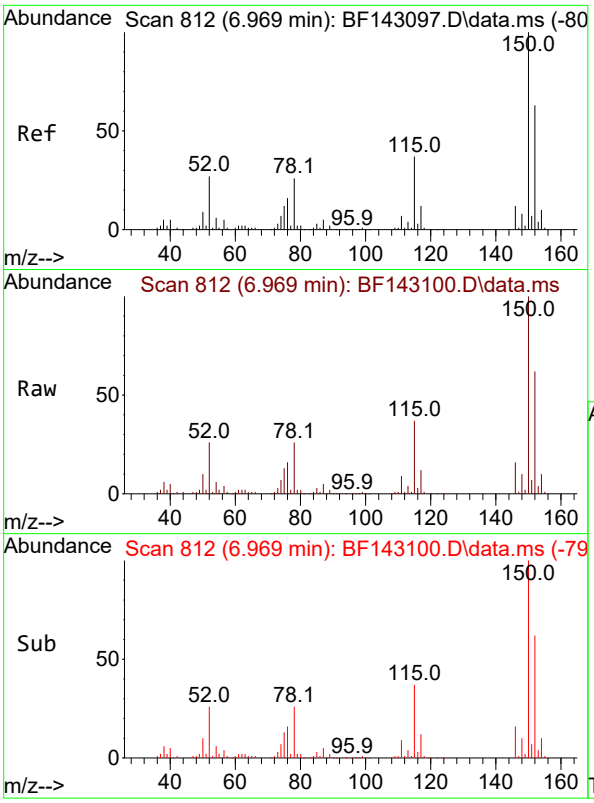
Quant Time: Jul 15 17:42:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:08:07 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

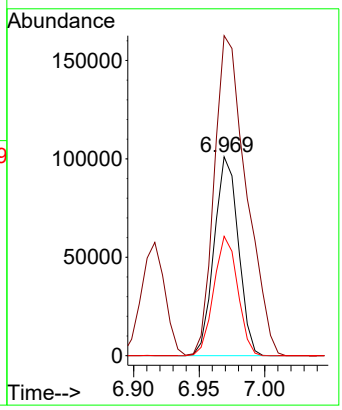




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:152 Resp: 12957

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.5	189.7
115	60.0	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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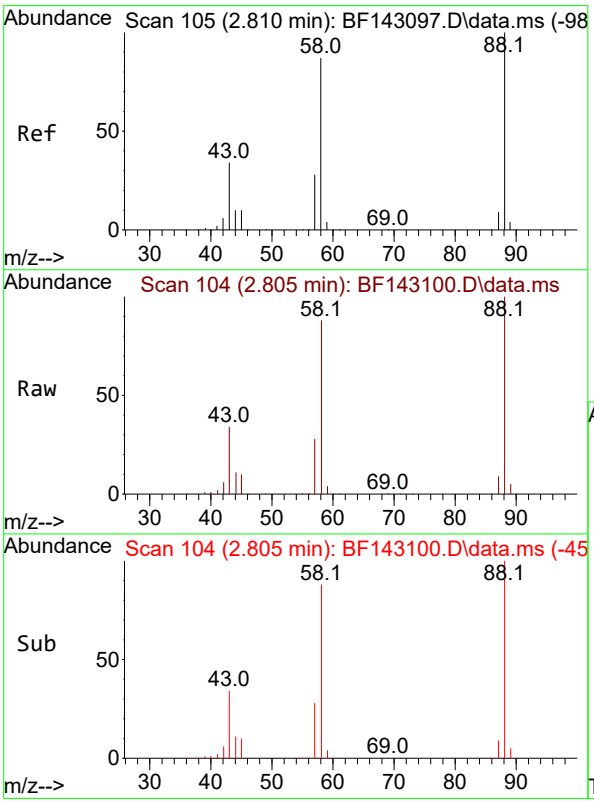
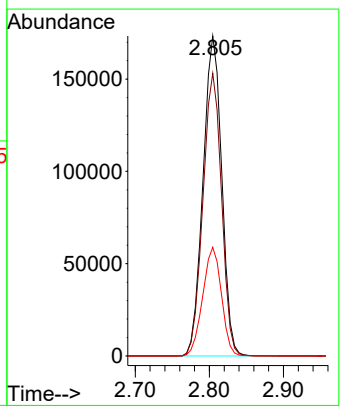
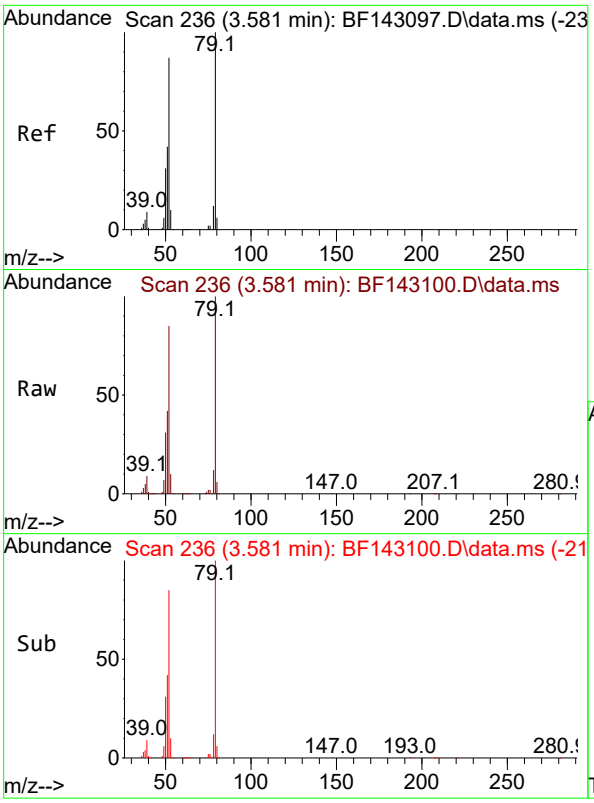


#2
1,4-Dioxane
Concen: 74.427 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 88 Resp: 303852

Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.5	105.7
43	33.9	27.3	40.9

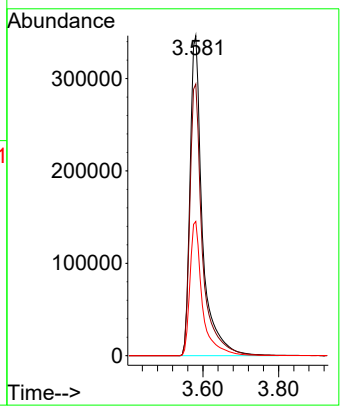




#3
Pyridine
Concen: 76.158 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 79 Resp: 78732

Ion	Ratio	Lower	Upper
79	100		
52	84.9	69.2	103.8
51	42.0	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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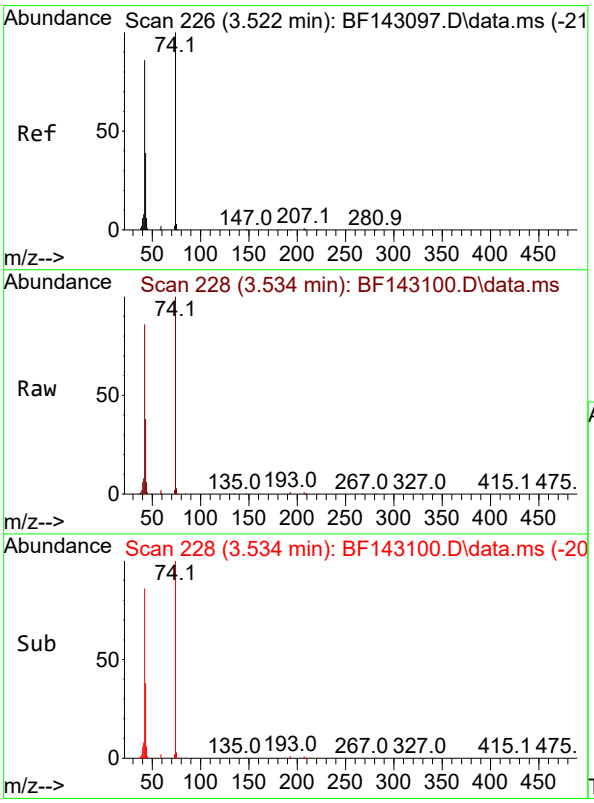
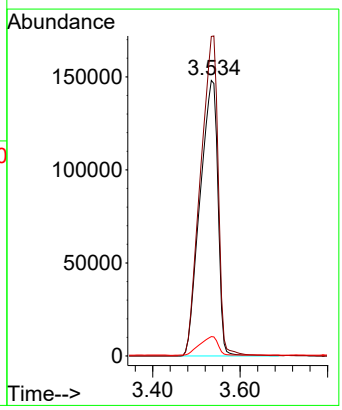
Supervised By :Jagrut Upadhyay 07/16/2025

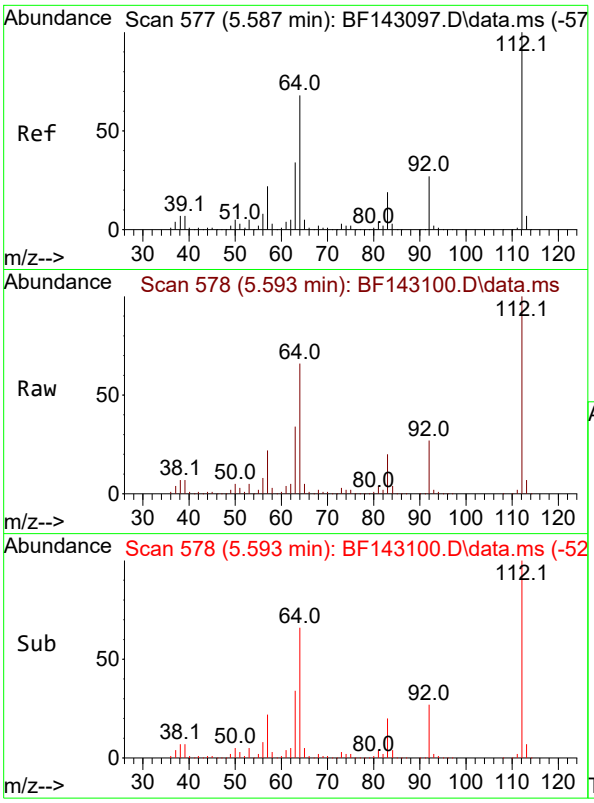


#4
n-Nitrosodimethylamine
Concen: 78.614 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 42 Resp: 421072

Ion	Ratio	Lower	Upper
42	100		
74	115.9	92.8	139.2
44	7.0	5.8	8.6

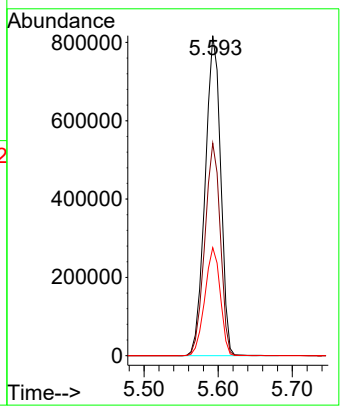




#5
2-Fluorophenol
Concen: 145.077 ng
RT: 5.593 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:112 Resp: 118982

Ion	Ratio	Lower	Upper
112	100		
64	66.4	54.6	82.0
63	33.7	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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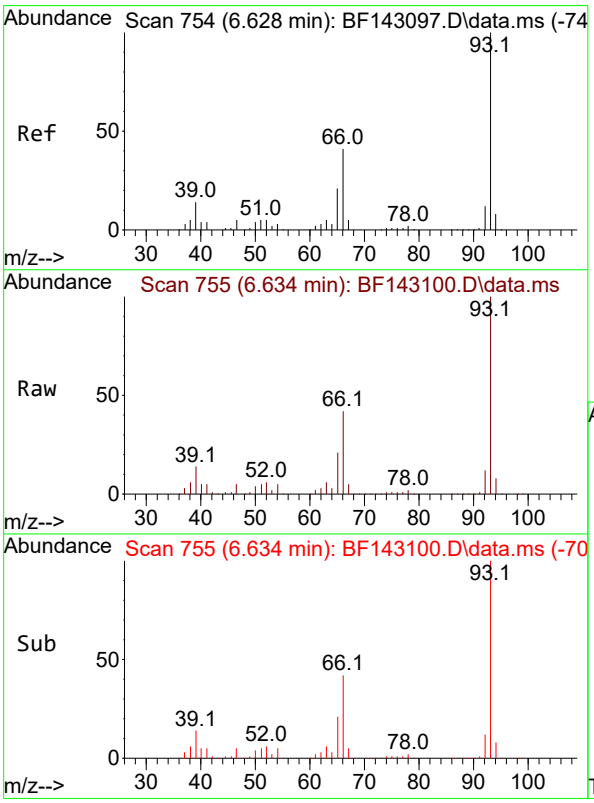
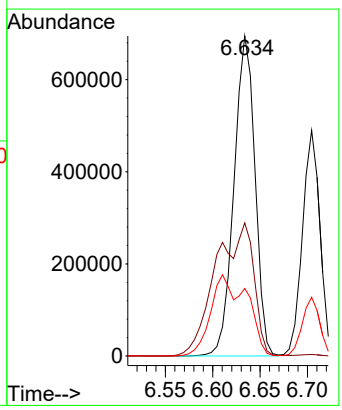
Supervised By :Jagrut Upadhyay 07/16/2025

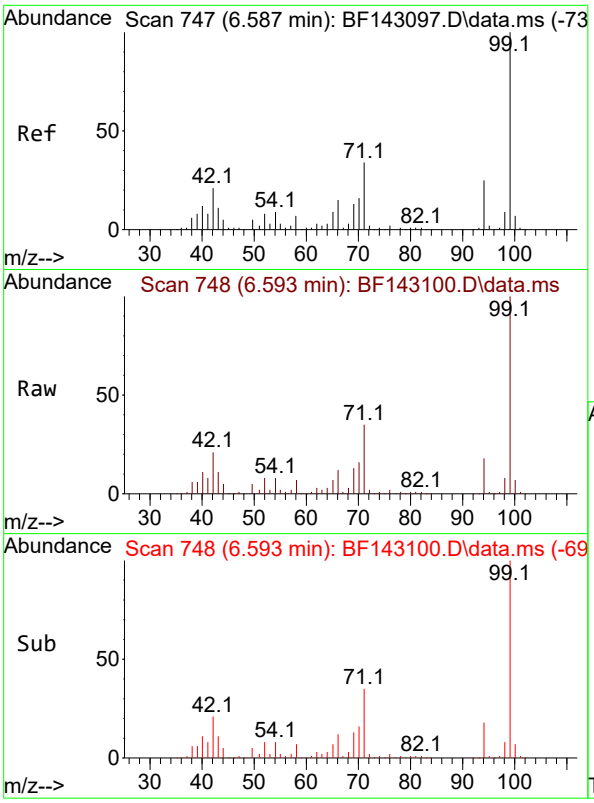


#6
Aniline
Concen: 73.855 ng
RT: 6.634 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 93 Resp: 1072162

Ion	Ratio	Lower	Upper
93	100		
66	41.6	33.1	49.7
65	21.1	16.9	25.3

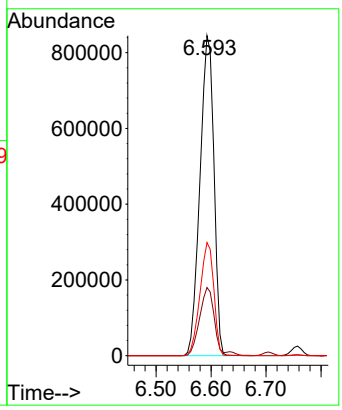




#7
Phenol-d6
Concen: 144.917 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 99 Resp: 149396

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.2	25.8
71	35.4	27.4	41.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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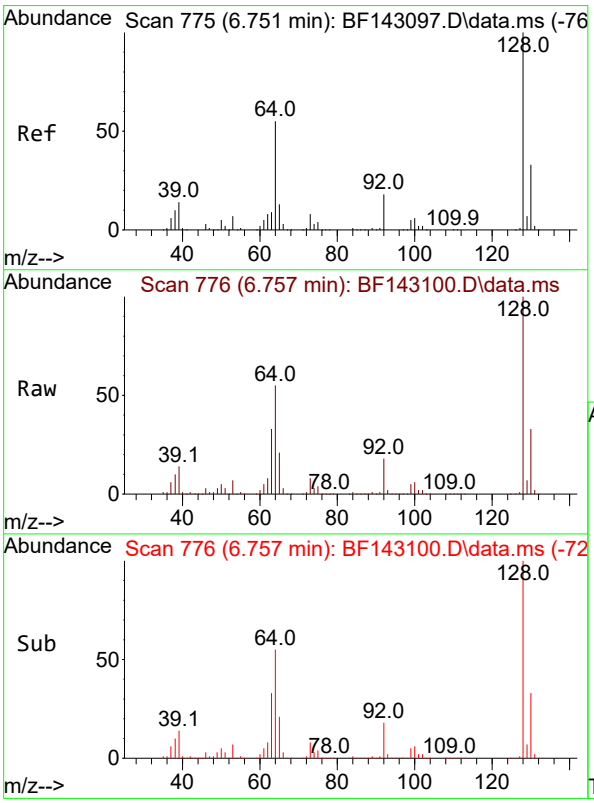
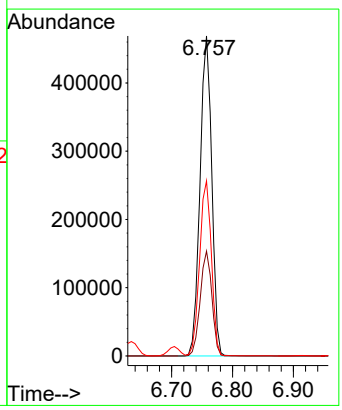
Supervised By :Jagrut Upadhyay 07/16/2025

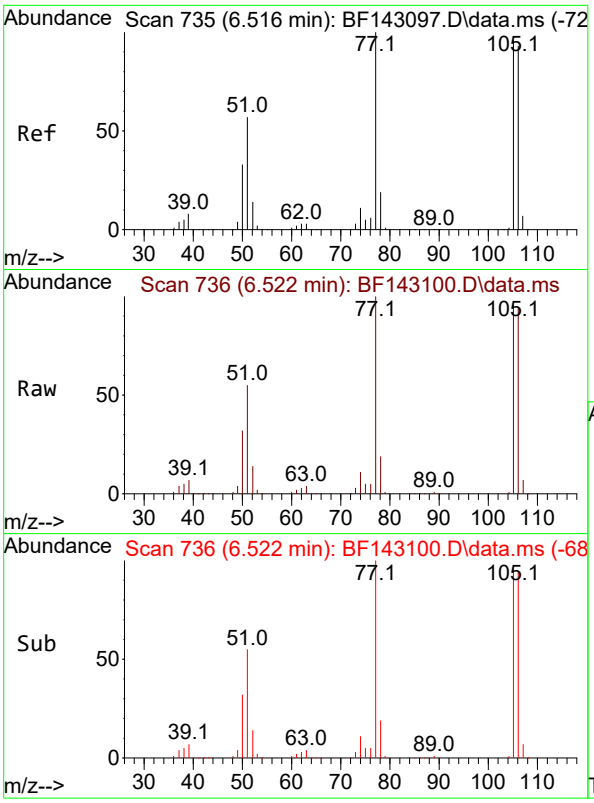


#8
2-Chlorophenol
Concen: 76.249 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:128 Resp: 628294

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	54.7	36.1	76.1

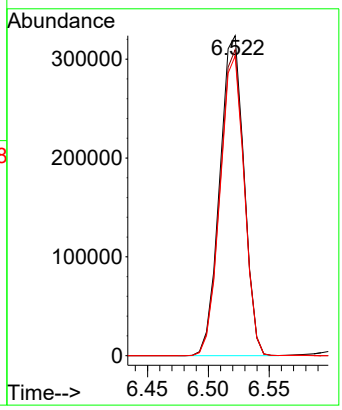




#9
Benzaldehyde
Concen: 57.014 ng
RT: 6.522 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 77 Resp: 44786

Ion	Ratio	Lower	Upper
77	100		
105	95.6	76.3	116.3
106	93.6	72.8	112.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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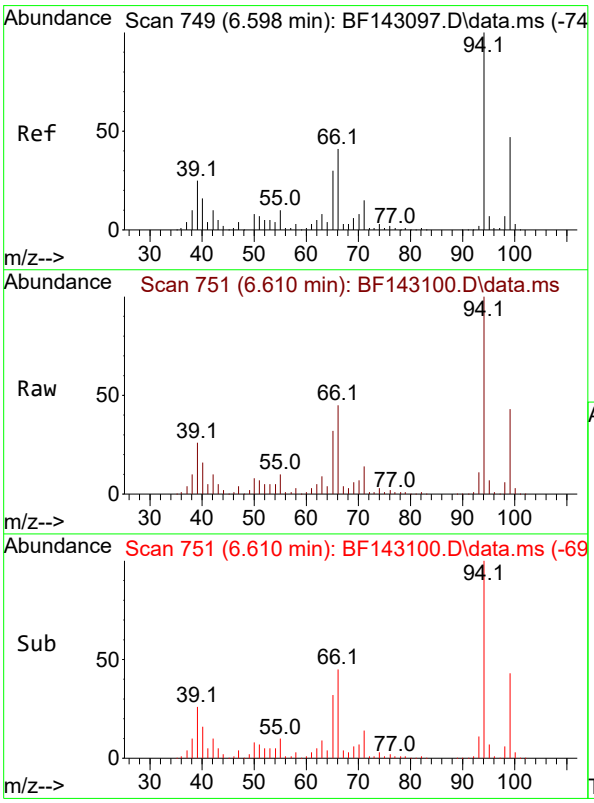
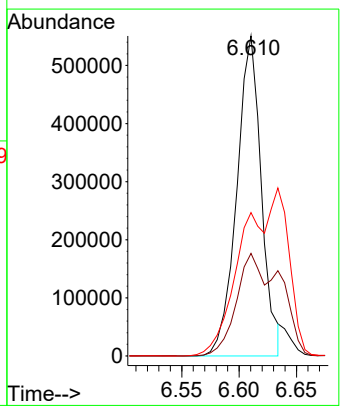
Supervised By :Jagrut Upadhyay 07/16/2025

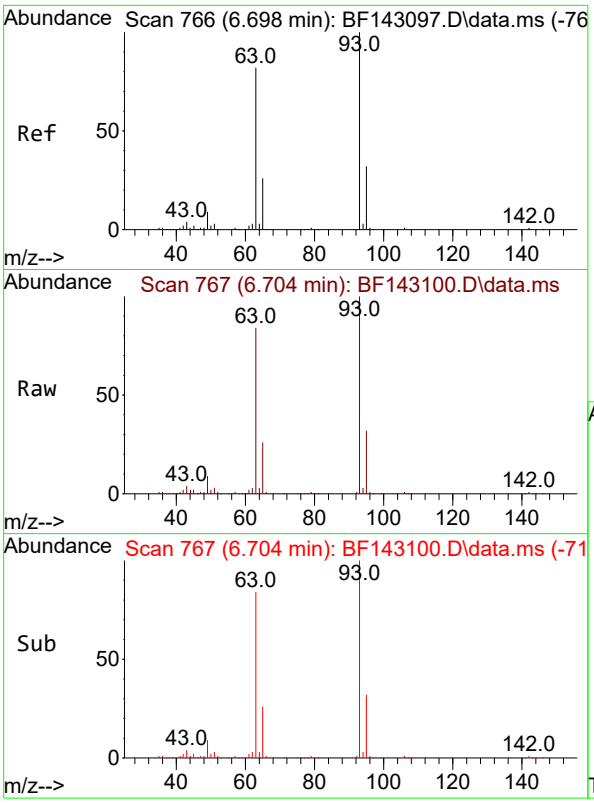


#10
Phenol
Concen: 73.558 ng m
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 94 Resp: 820918

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.8	49.8
66	44.8	20.5	60.5





#11
bis(2-Chloroethyl)ether
Concen: 72.551 ng
RT: 6.704 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 93 Resp: 62682

Ion	Ratio	Lower	Upper
93	100		
63	84.0	61.9	101.9
95	32.3	12.2	52.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 07/16/2025
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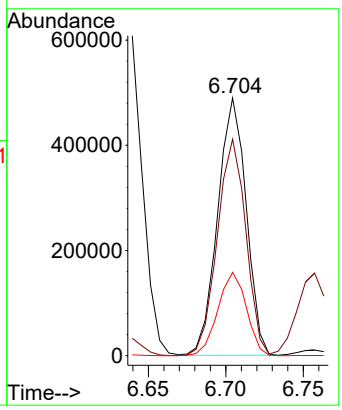
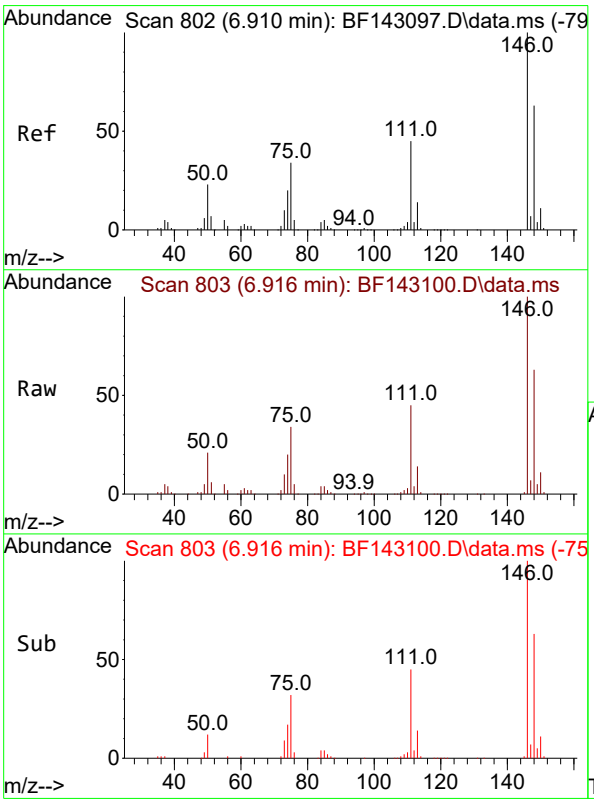
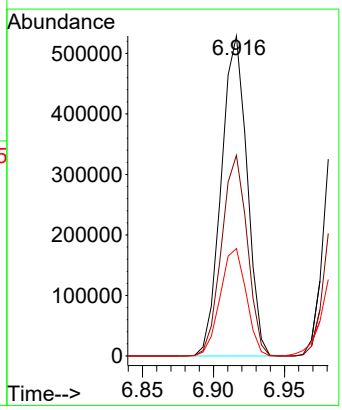


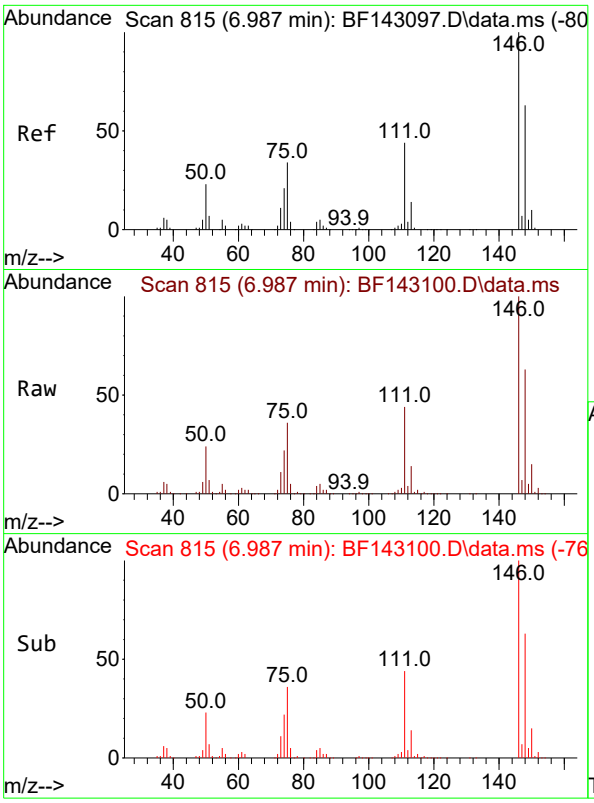


#12
1,3-Dichlorobenzene
Concen: 71.595 ng
RT: 6.916 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:146 Resp: 666489

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.1	75.1
75	33.5	27.4	41.0

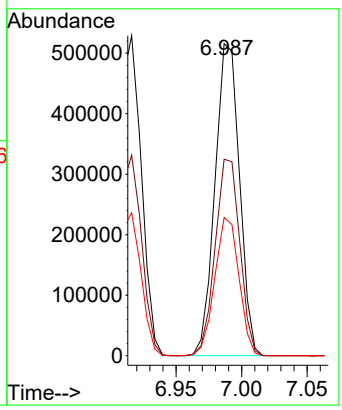




#13
1,4-Dichlorobenzene
Concen: 71.496 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:146 Resp: 66958

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	44.3	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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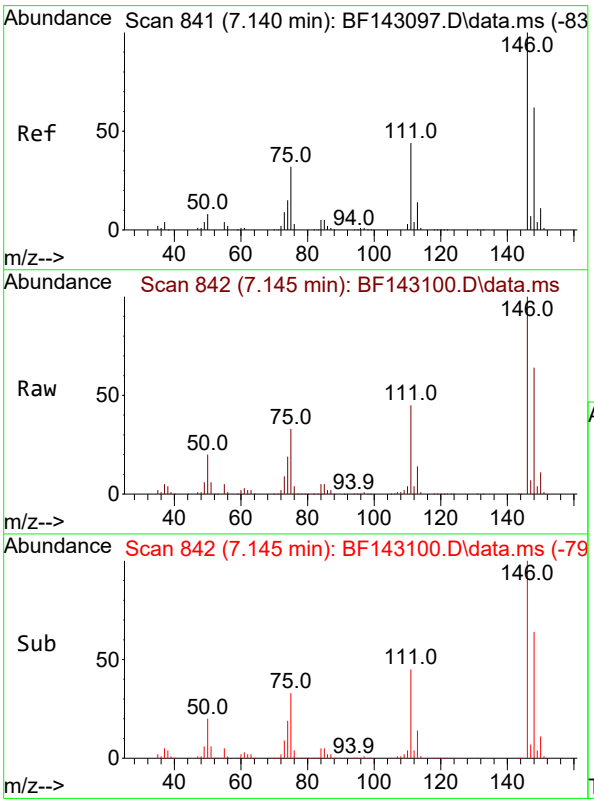
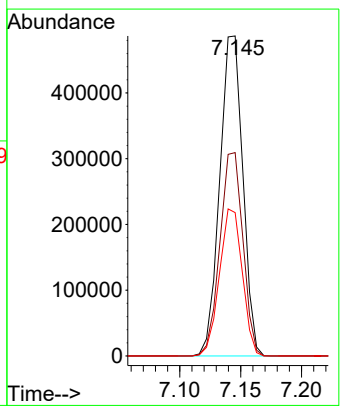
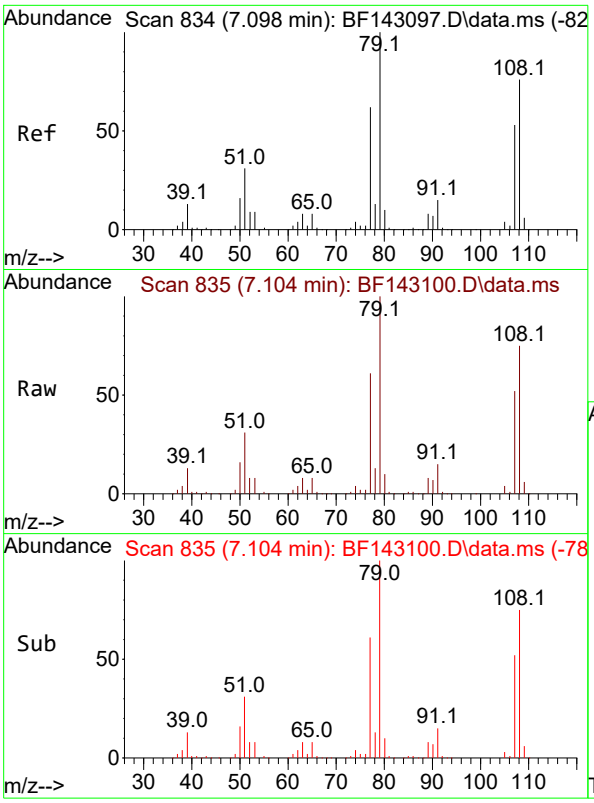


#14
1,2-Dichlorobenzene
Concen: 72.014 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:146 Resp: 643168

Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.8	74.6
111	44.8	35.4	53.0





#15
Benzyl Alcohol
Concen: 76.840 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 79 Resp: 58695

Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.1	91.7
77	60.9	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
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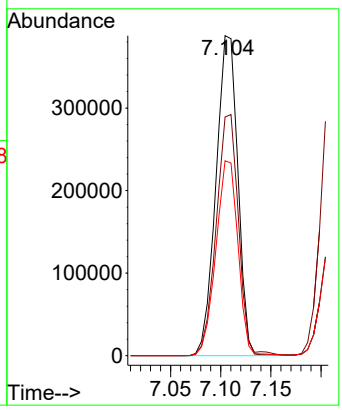
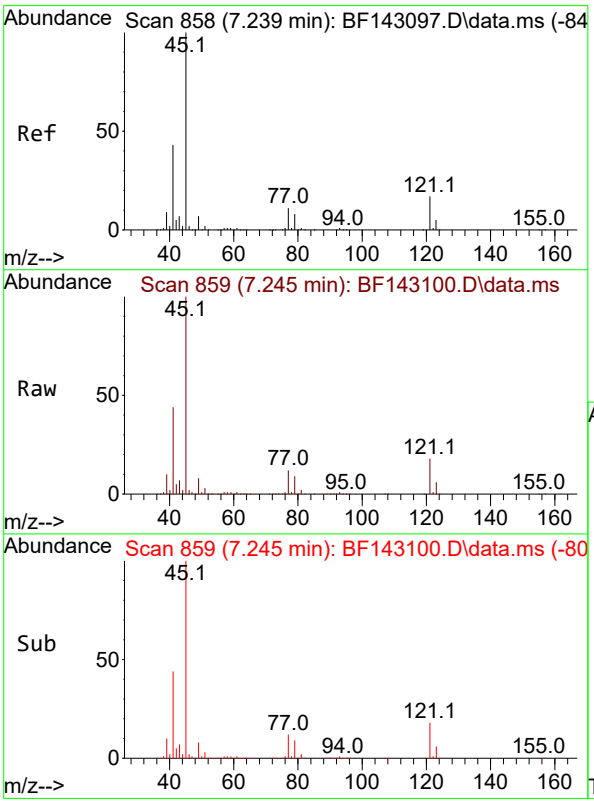
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

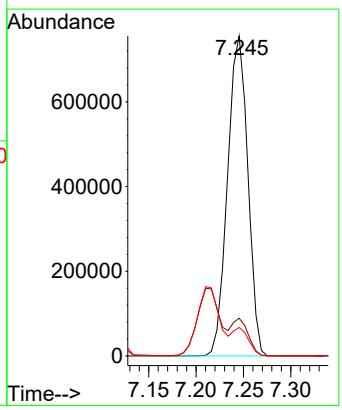


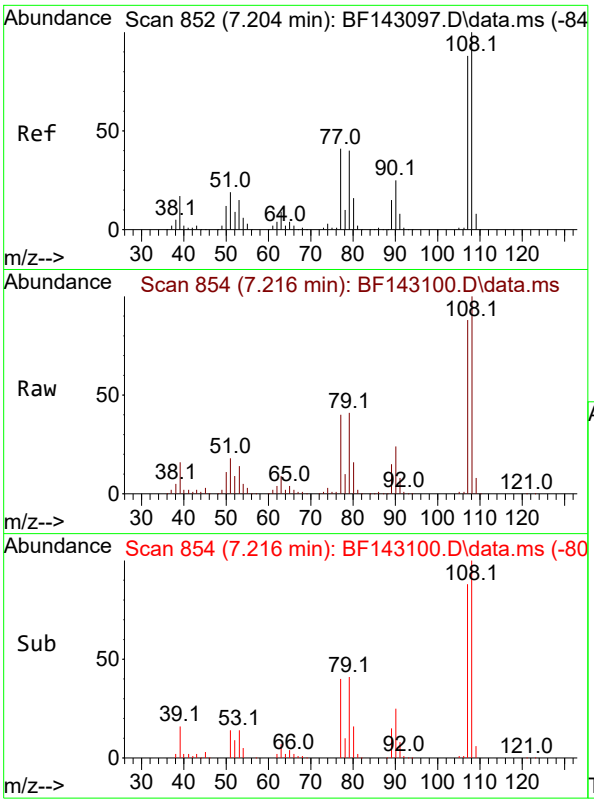


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.661 ng
RT: 7.245 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 45 Resp: 1125357

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.1
79	8.9	0.0	28.4

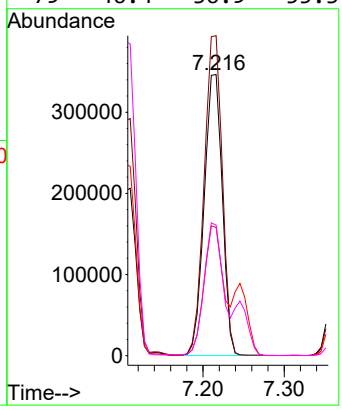




#17
2-Methylphenol
Concen: 75.438 ng
RT: 7.216 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:107 Resp: 53642

Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	45.6	37.5	56.3
79	46.4	36.9	55.3



Instrument :
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ClientSampleId :
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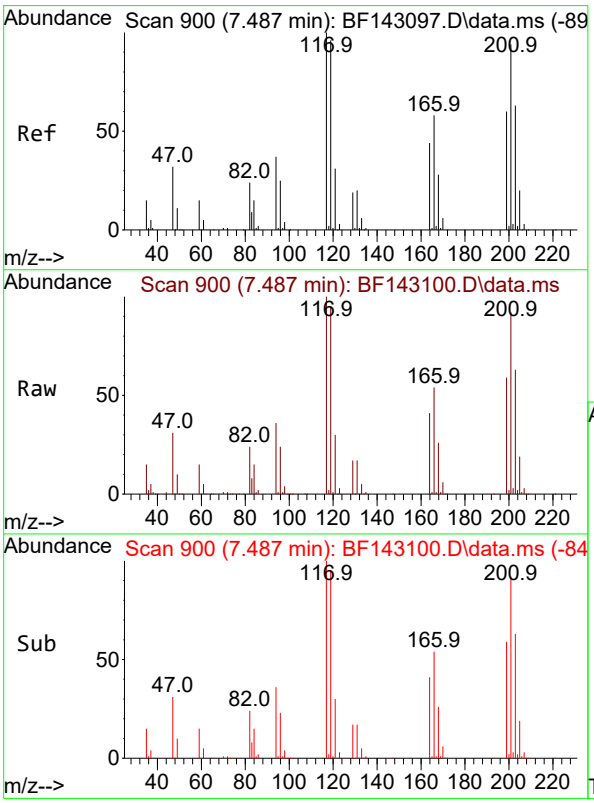
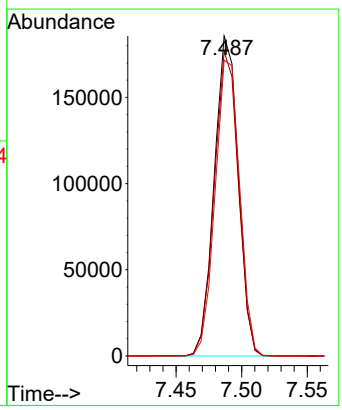
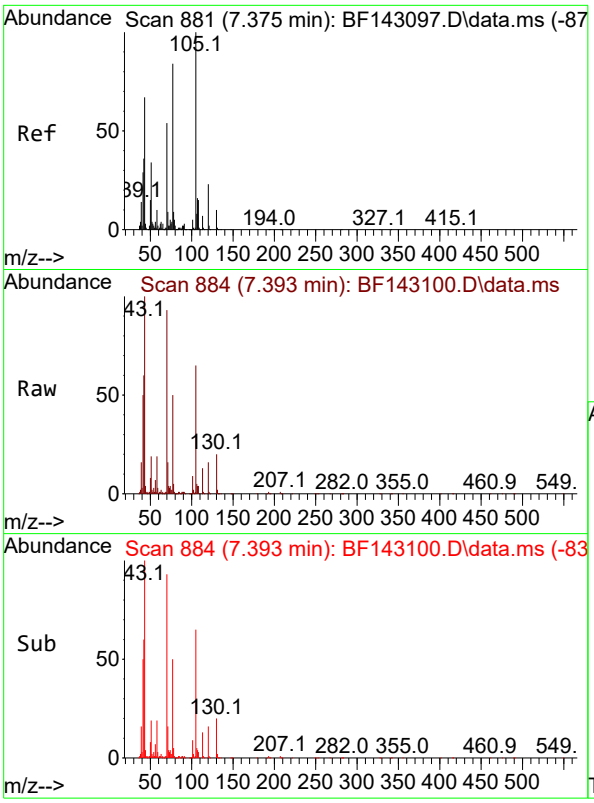


#18
Hexachloroethane
Concen: 77.313 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:117 Resp: 235713

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
201	92.5	75.0	112.4

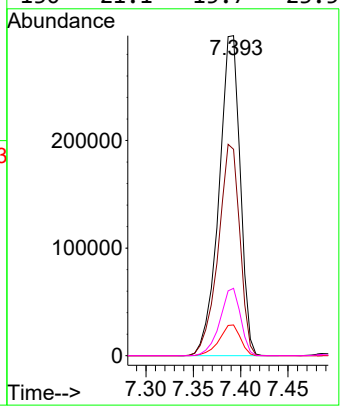




#19
n-Nitroso-di-n-propylamine
Concen: 73.578 ng
RT: 7.393 min Scan# 8
Delta R.T. 0.018 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 70 Resp: 46470

Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	9.6	7.5	11.3
130	21.1	15.7	23.5



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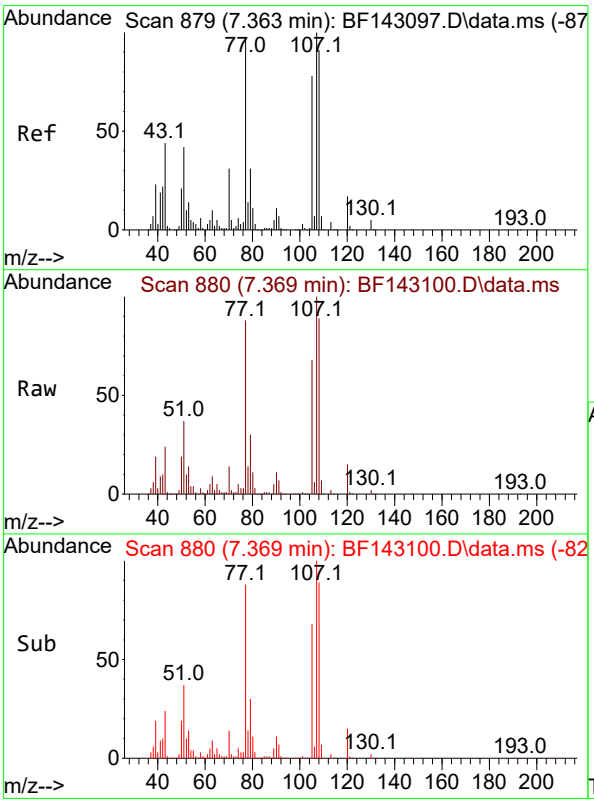
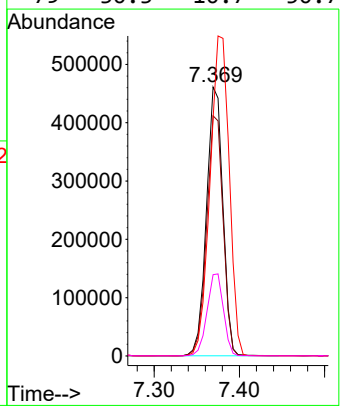
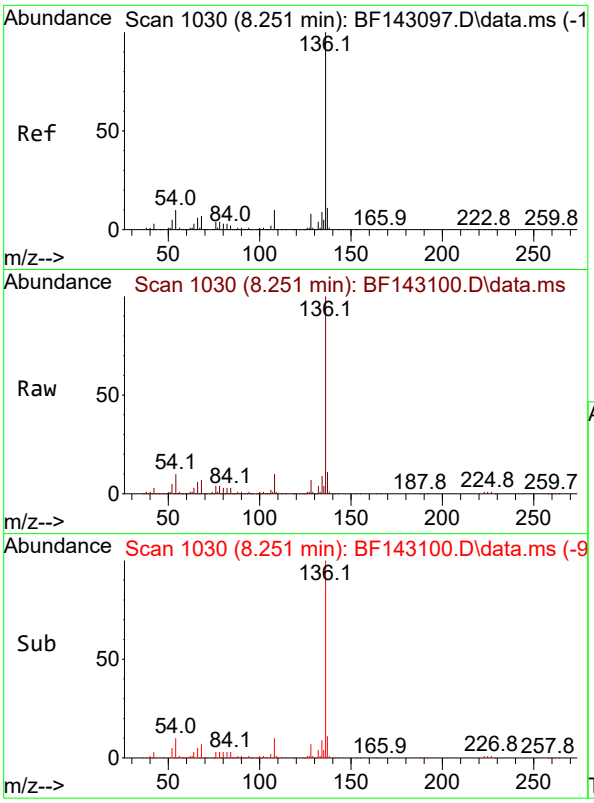


#20
3+4-Methylphenols
Concen: 70.670 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:107 Resp: 616275

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.3	111.3
77	88.3	77.2	117.2
79	30.3	10.7	50.7

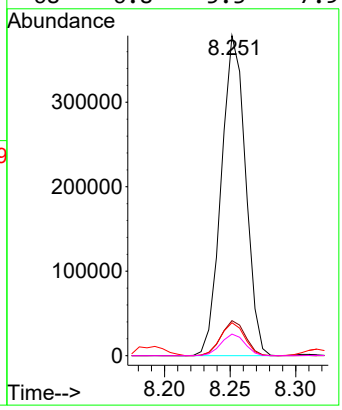




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:136 Resp: 48736

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	8.3	12.5
68	6.8	5.3	7.9



Instrument :
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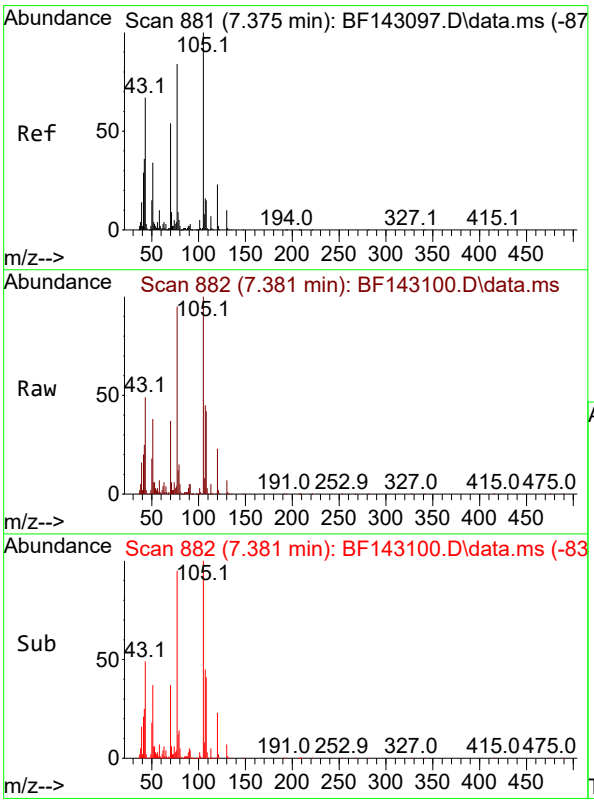
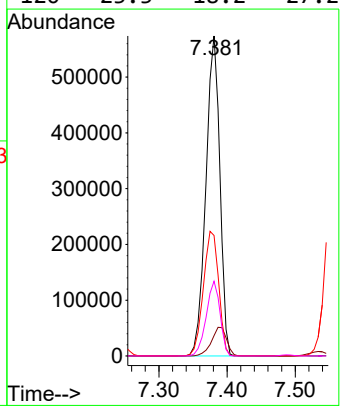
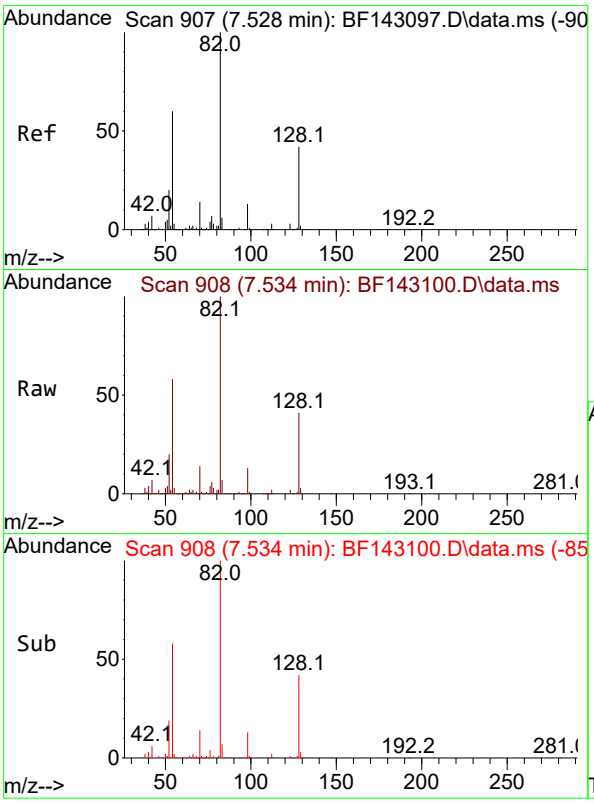


#22
Acetophenone
Concen: 69.563 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:105 Resp: 817243

Ion	Ratio	Lower	Upper
105	100		
71	6.4	7.2	10.8#
51	37.7	27.0	40.4
120	23.3	18.2	27.2

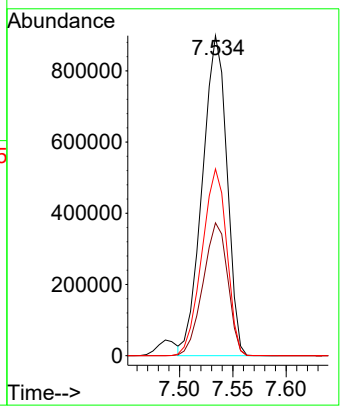




#23
Nitrobenzene-d5
Concen: 165.933 ng
RT: 7.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 82 Resp: 144161

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	58.4	47.4	71.2



Instrument :
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ClientSampleId :
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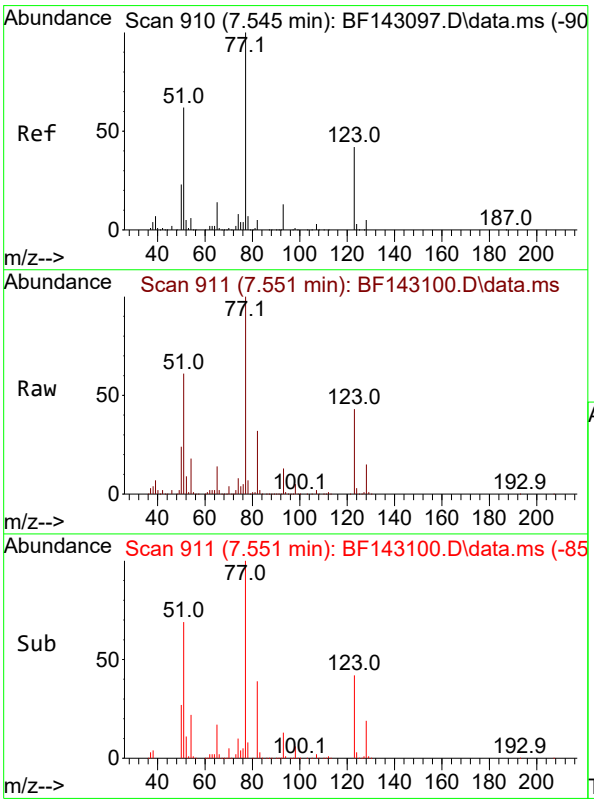
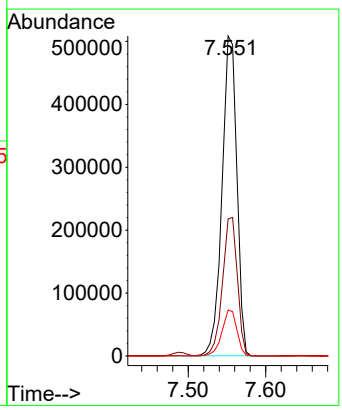
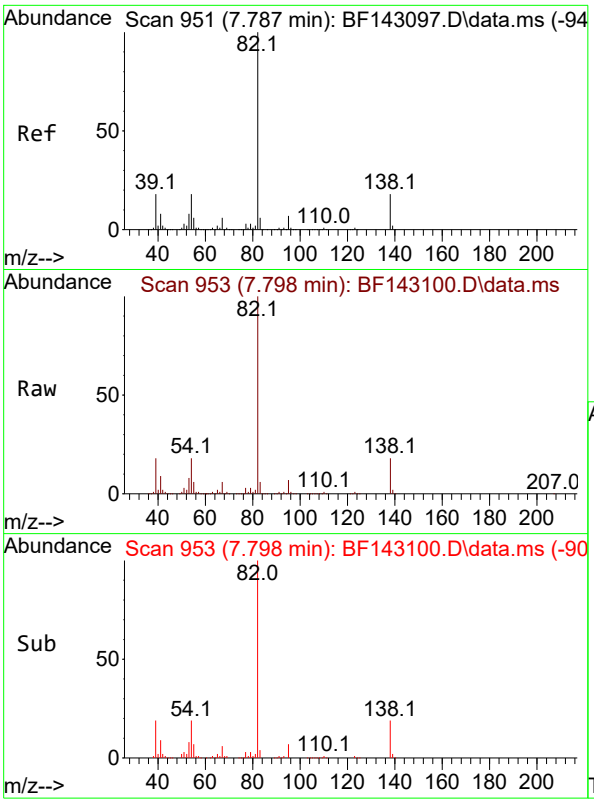


#24
Nitrobenzene
Concen: 80.671 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 77 Resp: 676569

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.5	51.7
65	14.3	11.3	16.9

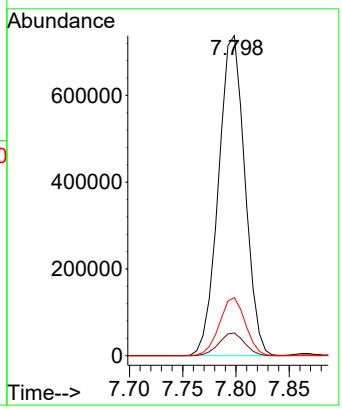




#25
Isophorone
Concen: 75.573 ng
RT: 7.798 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 82 Resp: 126901

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.2	14.3	21.5



Instrument :
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ClientSampleId :
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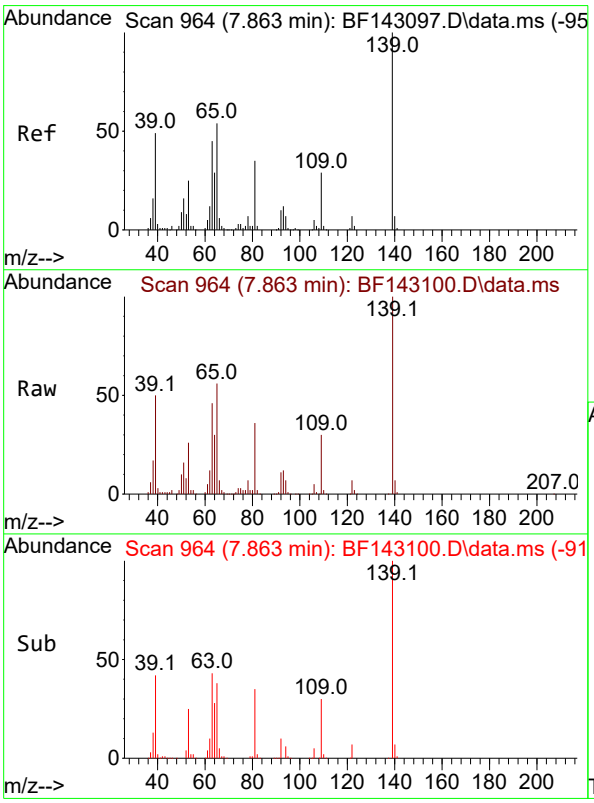
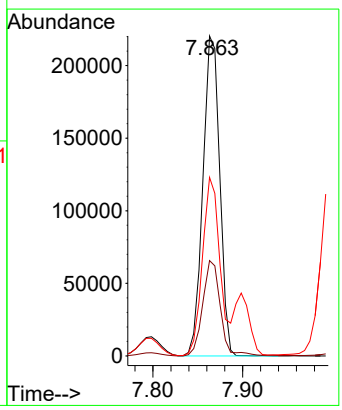
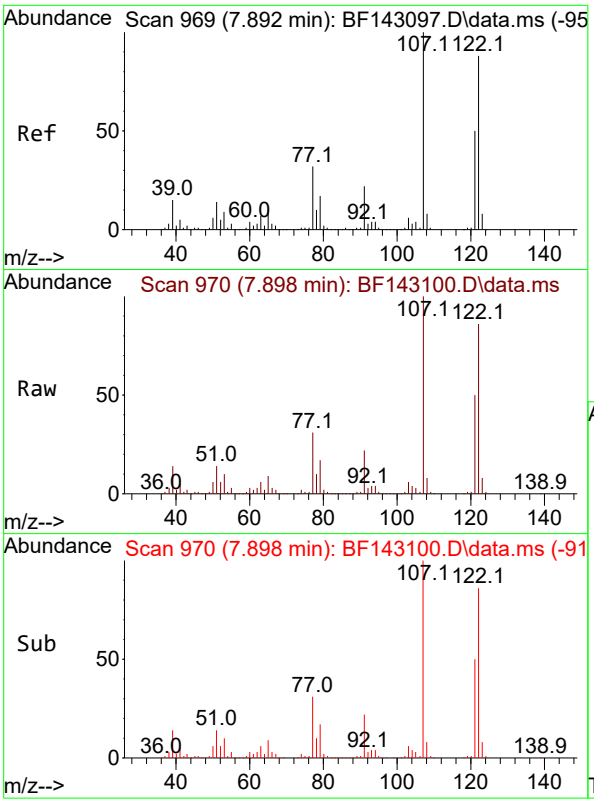


#26
2-Nitrophenol
Concen: 82.598 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:139 Resp: 287169

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.4	35.0
65	55.8	43.4	65.2

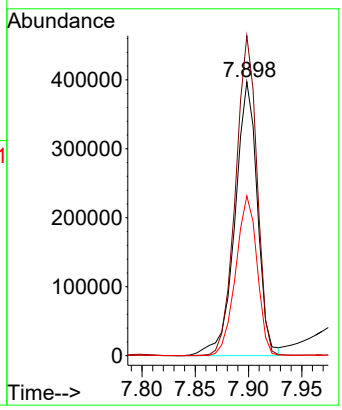




#27
2,4-Dimethylphenol
Concen: 74.683 ng
RT: 7.898 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:122 Resp: 58205

Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.3	136.9
121	58.4	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
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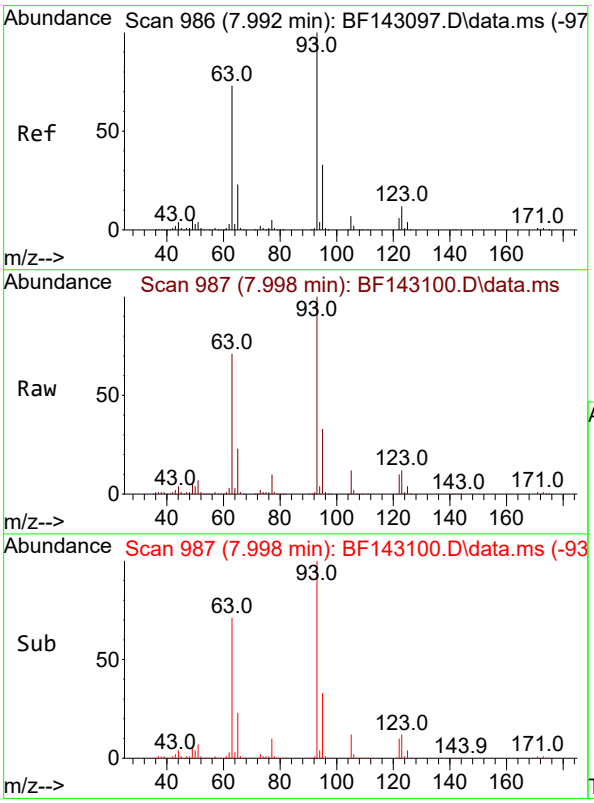
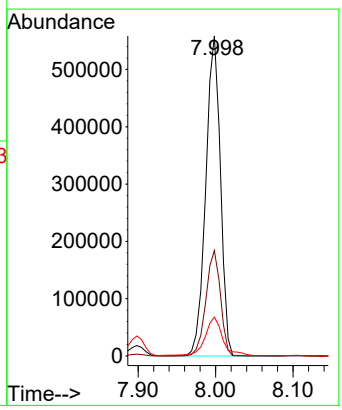
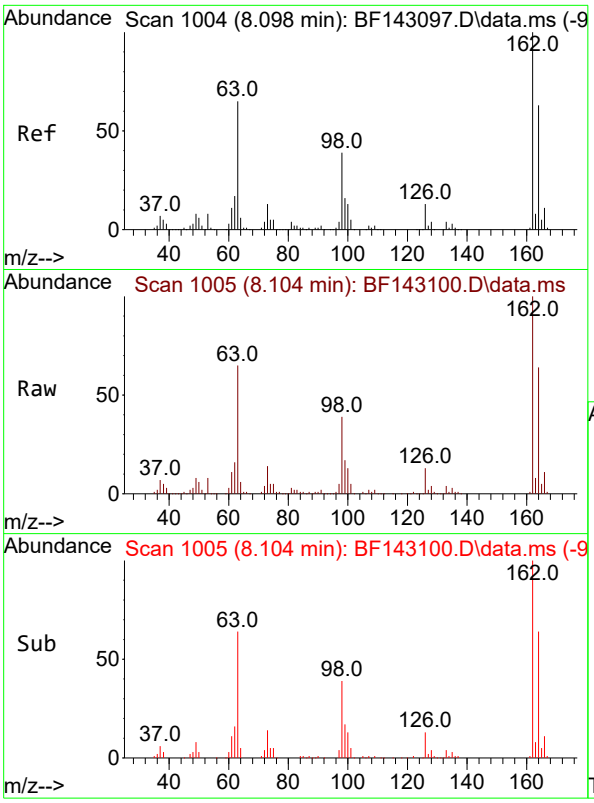


#28
bis(2-Chloroethoxy)methane
Concen: 71.885 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 93 Resp: 731977

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.1	9.6	14.4

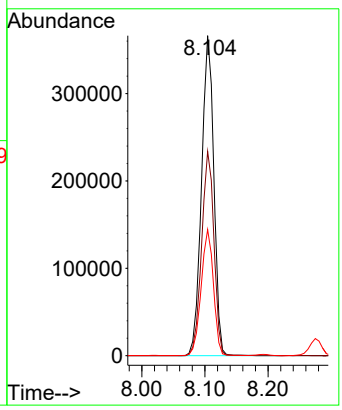




#29
2,4-Dichlorophenol
Concen: 77.795 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:162 Resp: 49602

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.1	83.1
98	39.4	19.2	59.2



Instrument :
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ClientSampleId :
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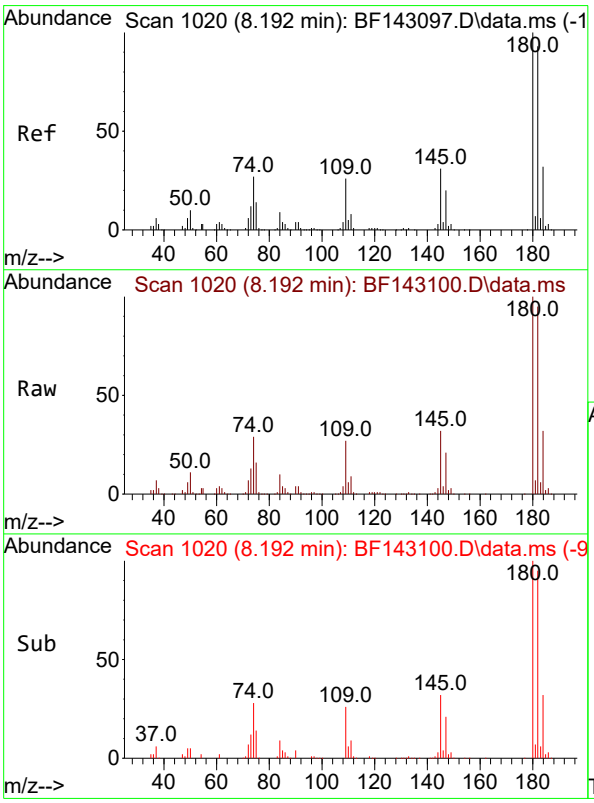
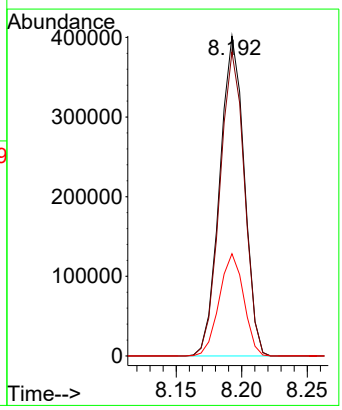
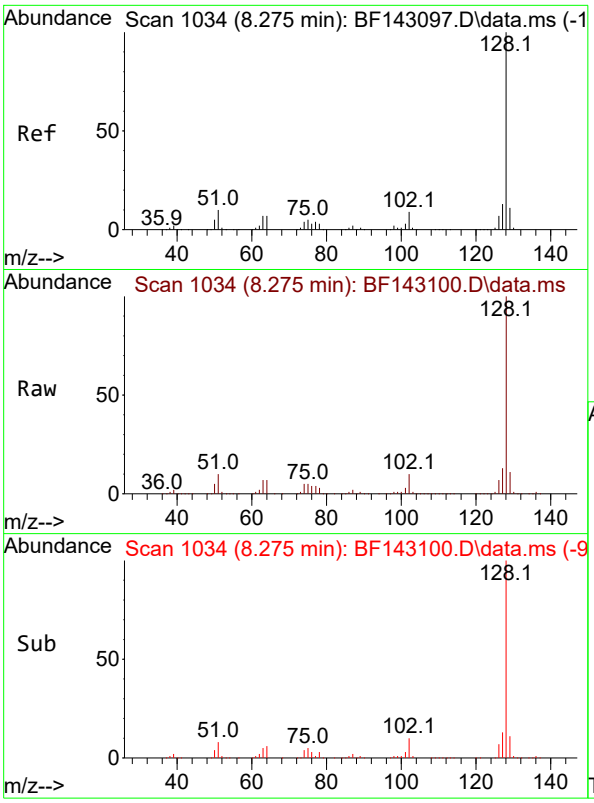


#30
1,2,4-Trichlorobenzene
Concen: 71.974 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:180 Resp: 520808

Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.7	112.1
145	32.0	24.5	36.7





#31
Naphthalene
Concen: 70.704 ng
RT: 8.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:128 Resp: 171116

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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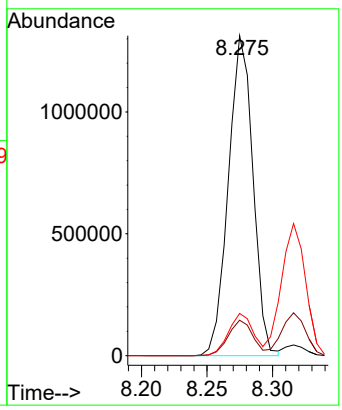
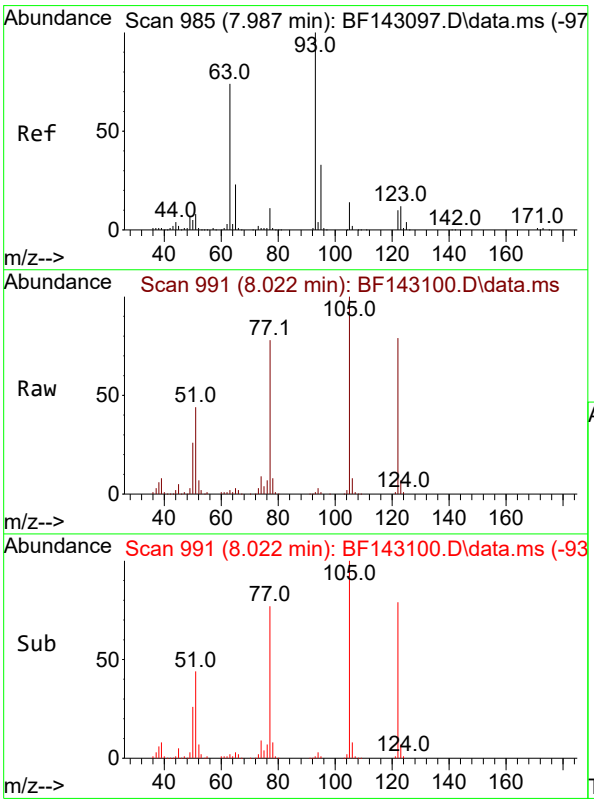
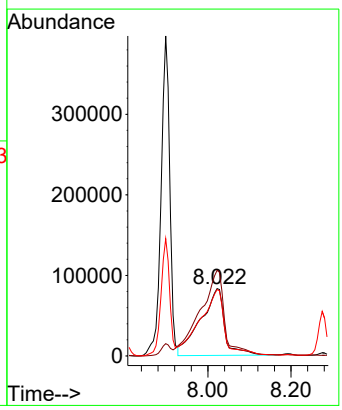


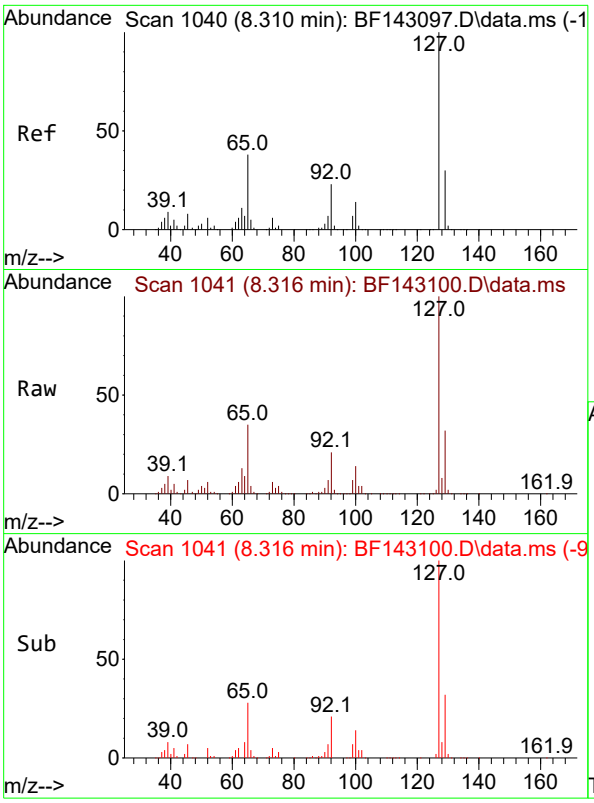


#32
Benzoic acid
Concen: 81.374 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.035 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:122 Resp: 336178

Ion	Ratio	Lower	Upper
122	100		
105	127.0	105.4	145.4
77	98.6	78.6	118.6

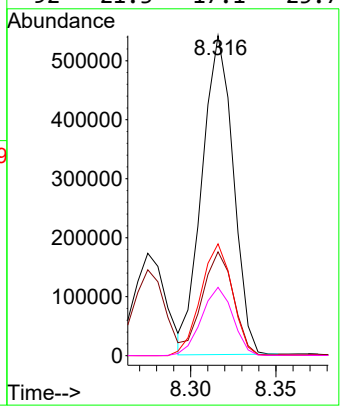




#33
4-Chloroaniline
Concen: 70.795 ng
RT: 8.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:127 Resp: 68899

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.0	28.6	42.8
92	21.3	17.1	25.7



Instrument :
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ClientSampleId :
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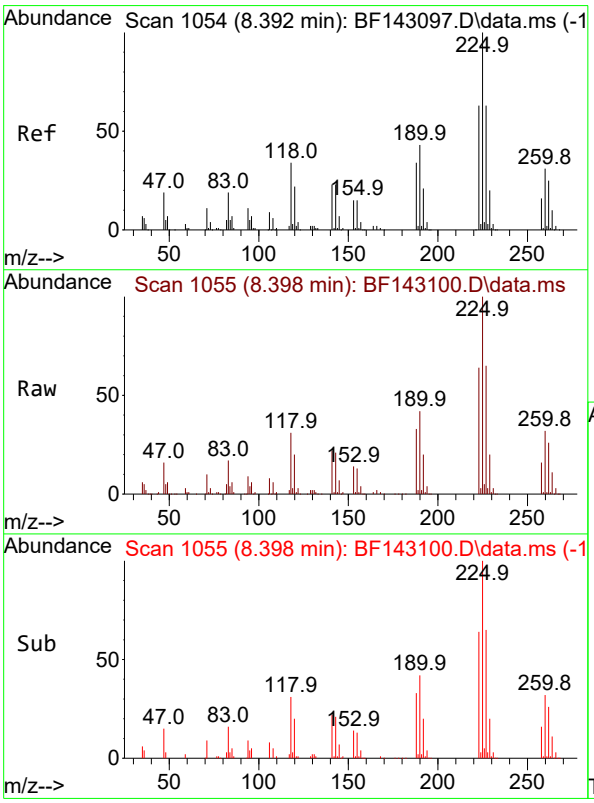
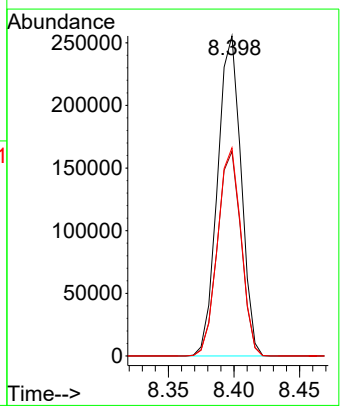
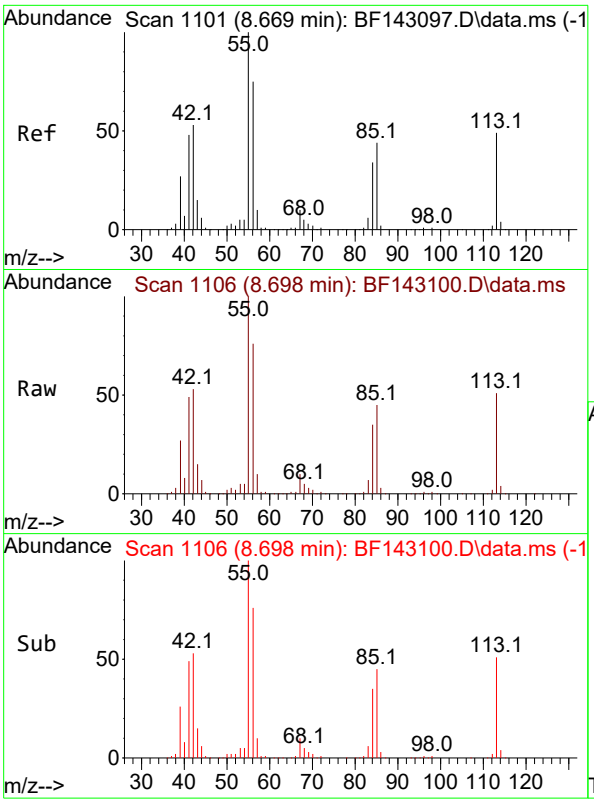


#34
Hexachlorobutadiene
Concen: 73.546 ng
RT: 8.398 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:225 Resp: 318274

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	65.0	50.1	75.1

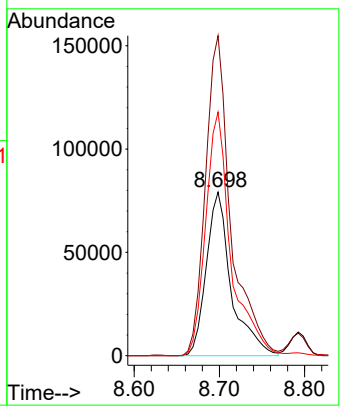




#35
Caprolactam
Concen: 81.097 ng
RT: 8.698 min Scan# 1
Delta R.T. 0.030 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:113 Resp: 16146

Ion	Ratio	Lower	Upper
113	100		
55	195.6	186.2	226.2
56	148.8	134.1	174.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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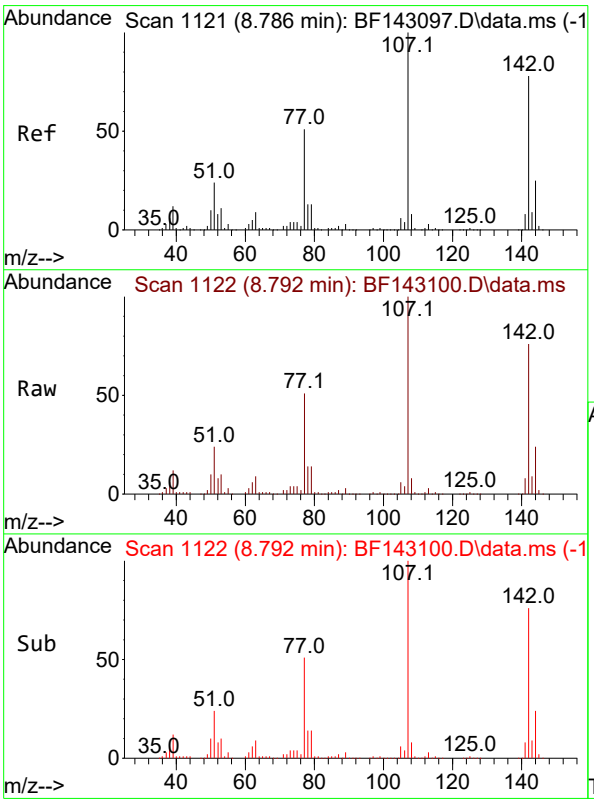
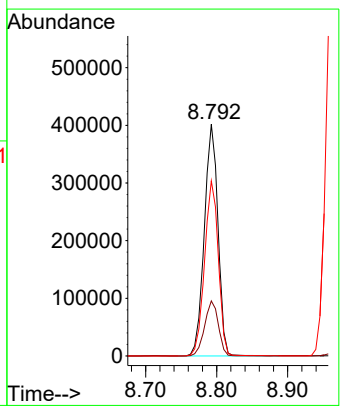
Supervised By :Jagrut Upadhyay 07/16/2025

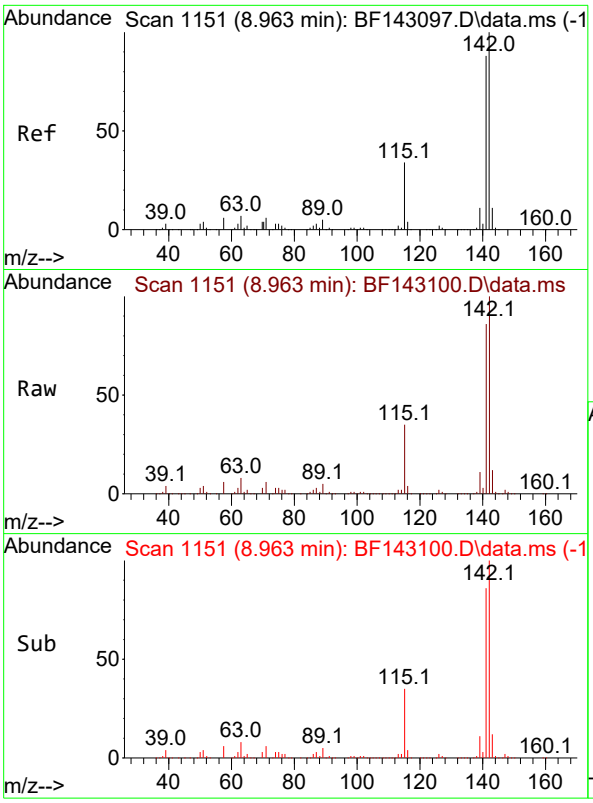


#36
4-Chloro-3-methylphenol
Concen: 75.937 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:107 Resp: 539340

Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.2	30.2
142	75.5	62.4	93.6





#37
2-Methylnaphthalene
Concen: 70.738 ng
RT: 8.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:142 Resp: 102131

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.2	105.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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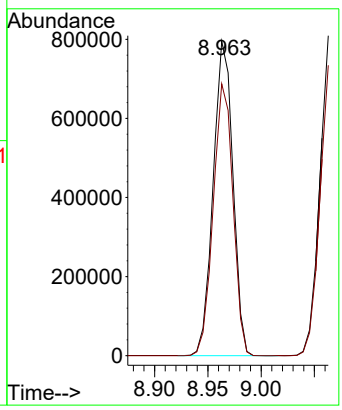
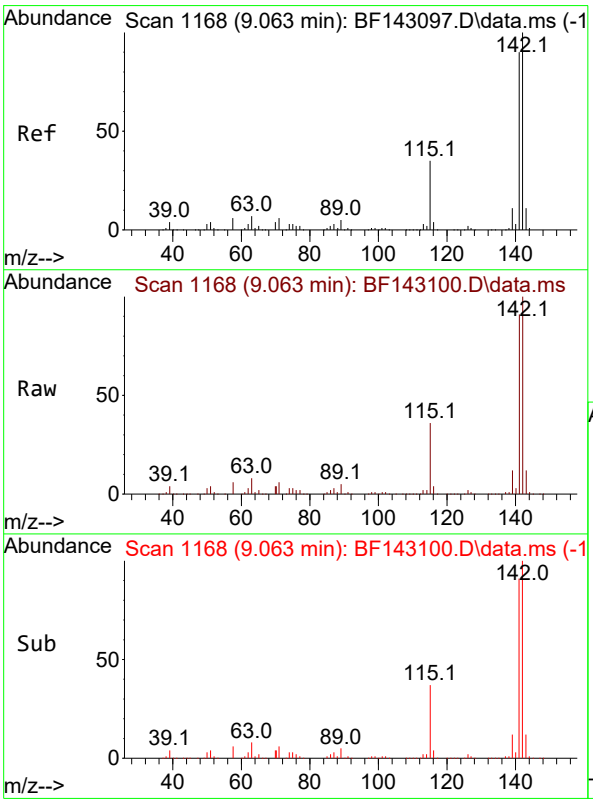
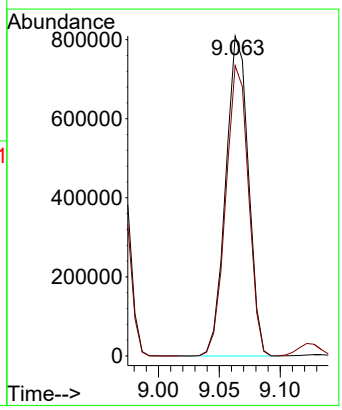


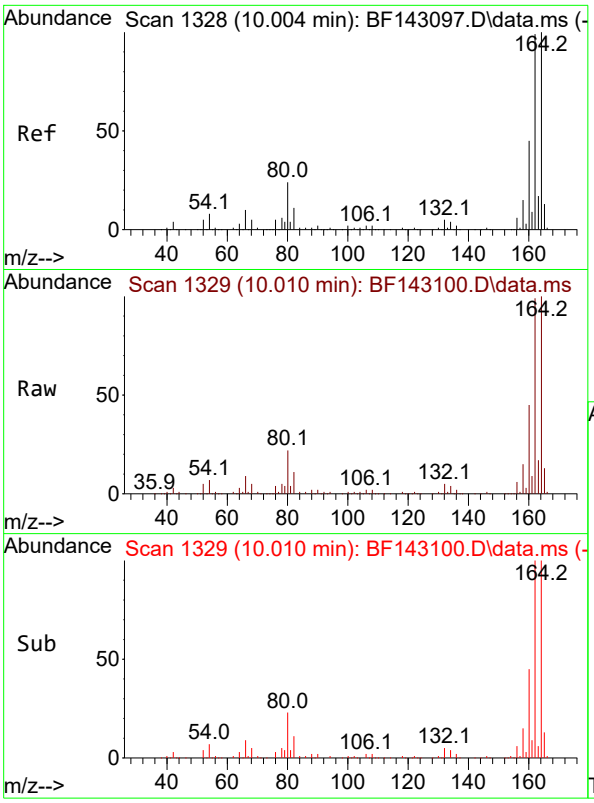


#38
1-Methylnaphthalene
Concen: 69.955 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:142 Resp: 1047560

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4

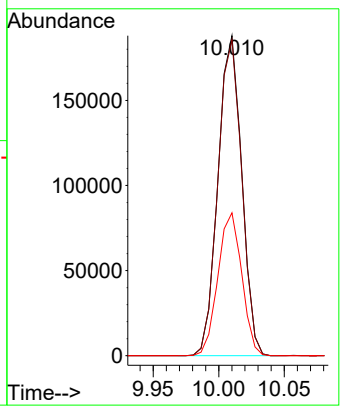




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:164 Resp: 23626

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.6
160	44.7	35.8	53.6



Instrument :
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ClientSampleId :
SSTDICC080

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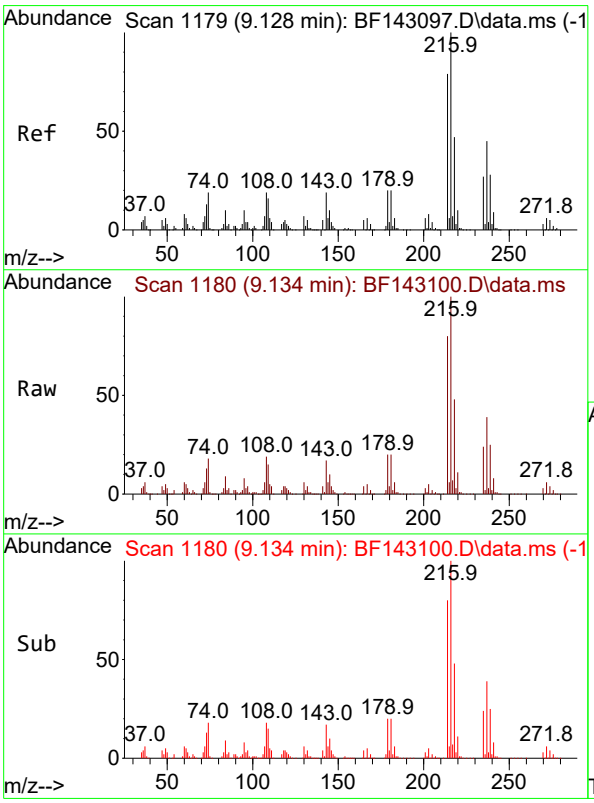
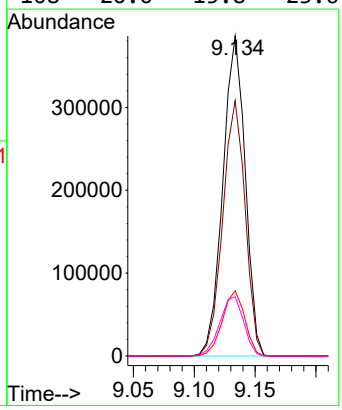
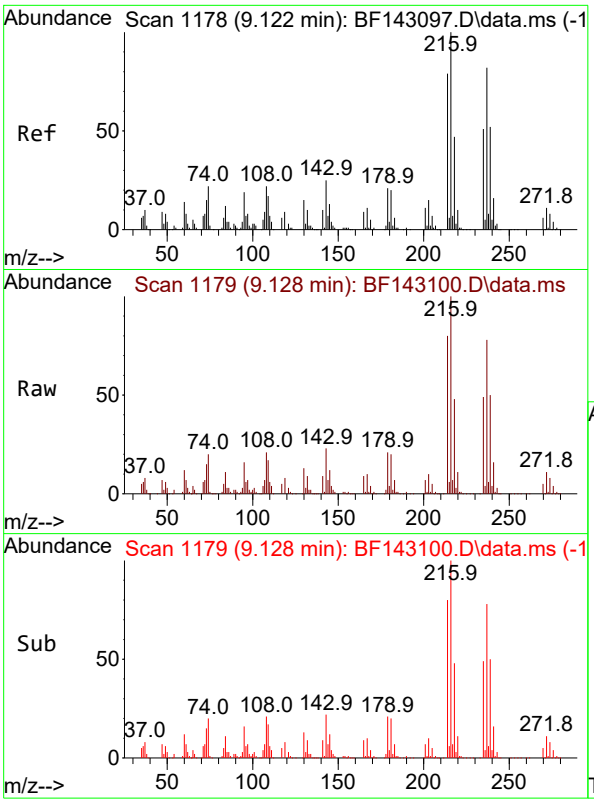


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.639 ng
RT: 9.134 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:216 Resp: 493246

Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	94.0
179	20.5	16.2	24.2
108	20.0	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 85.103 ng
RT: 9.128 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:237 Resp: 32486

Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.6	81.6
272	13.8	0.0	32.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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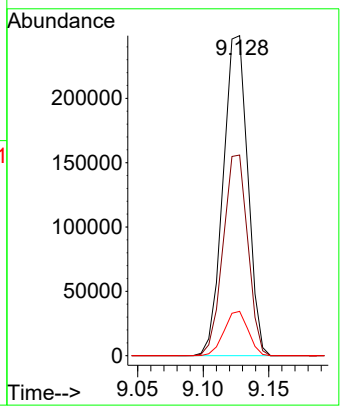
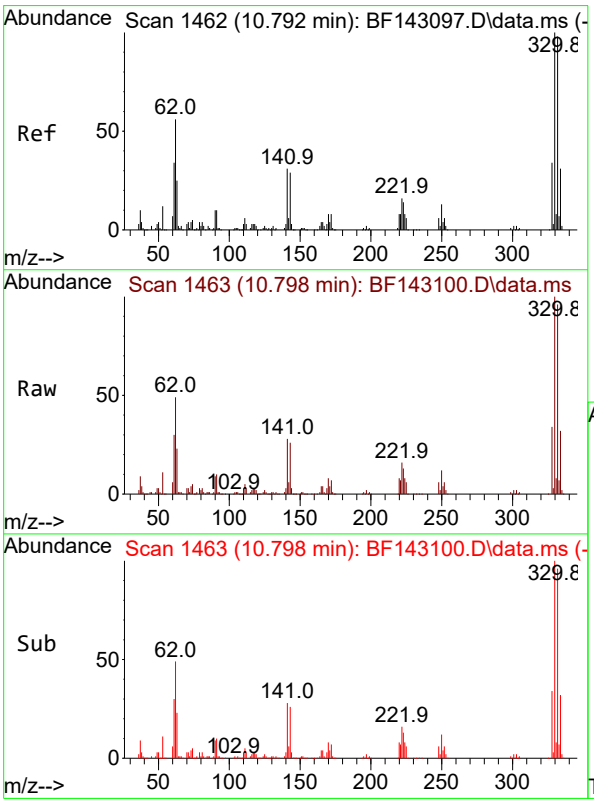
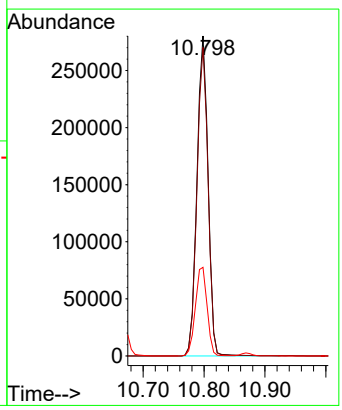


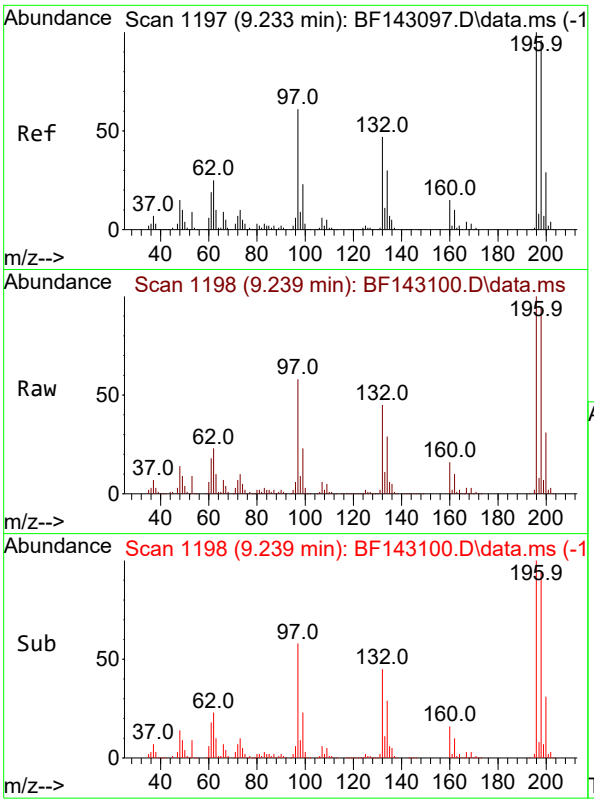


#42
2,4,6-Tribromophenol
Concen: 168.911 ng
RT: 10.798 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:330 Resp: 355830

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.9	116.9
141	29.2	25.9	38.9

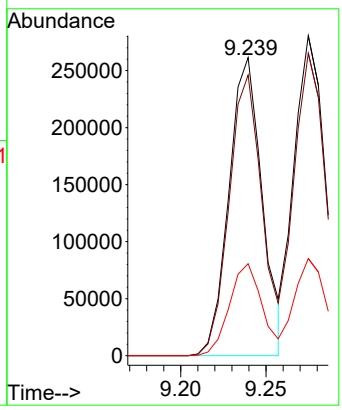




#43
2,4,6-Trichlorophenol
Concen: 83.176 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:196 Resp: 35583

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.9	115.3
200	30.9	23.5	35.3



Instrument :
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ClientSampleId :
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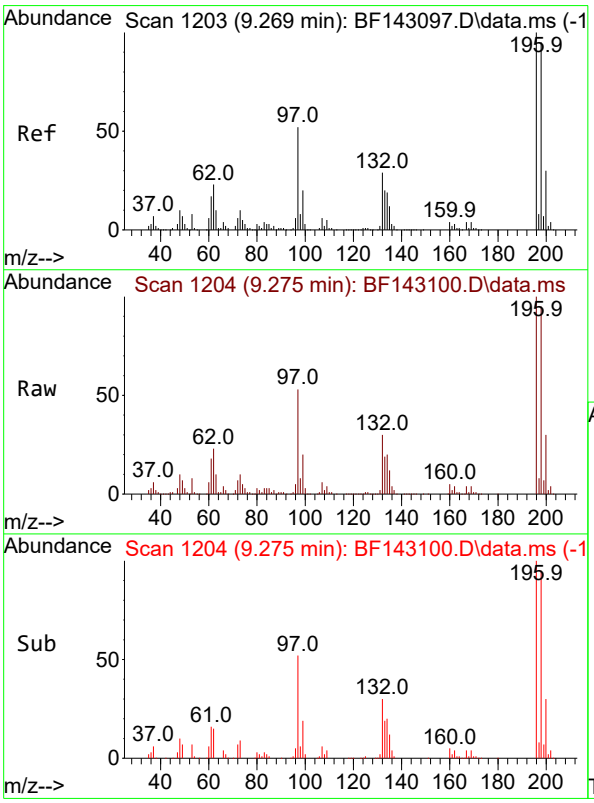
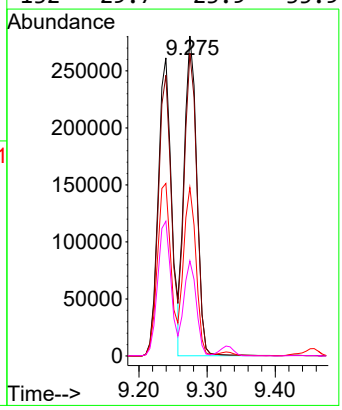
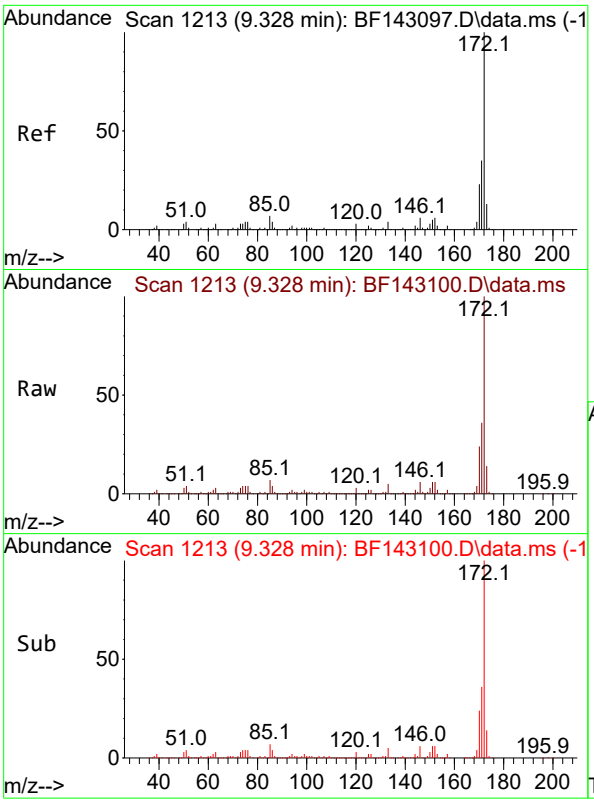


#44
2,4,5-Trichlorophenol
Concen: 79.651 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:196 Resp: 357298

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.4	114.6
97	52.7	42.4	63.6
132	29.7	23.9	35.9

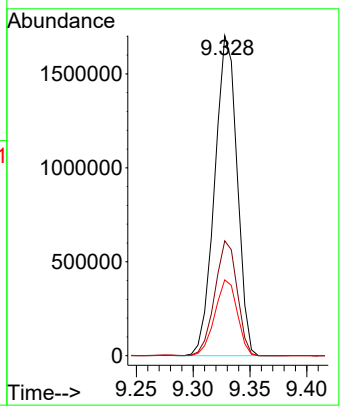




#45
2-Fluorobiphenyl
Concen: 131.609 ng
RT: 9.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:172 Resp: 233915

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.7	18.6	28.0



Instrument :
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ClientSampleId :
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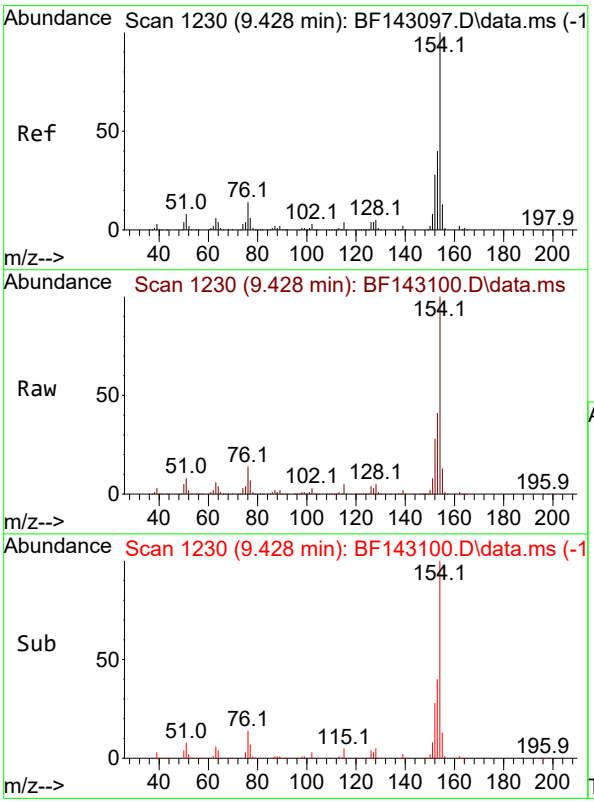
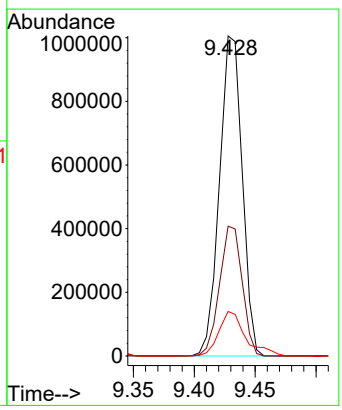
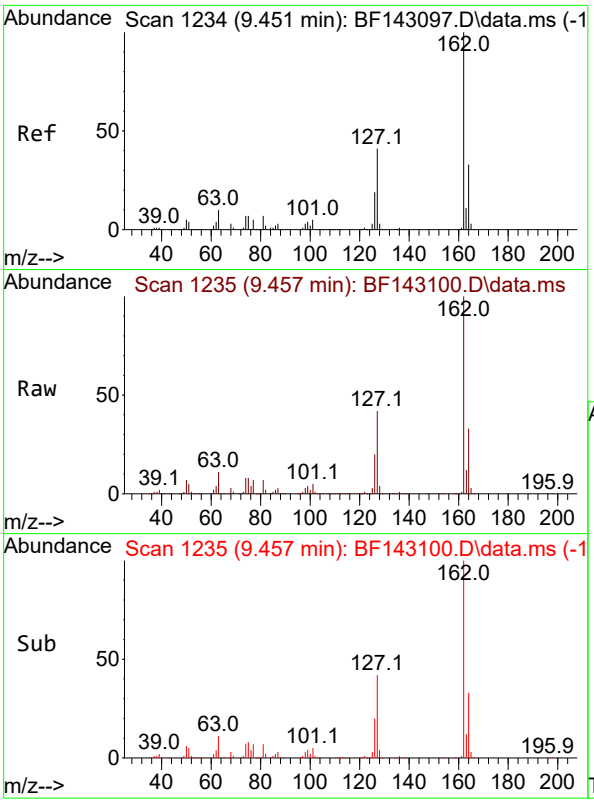


#46
1,1'-Biphenyl
Concen: 69.419 ng
RT: 9.428 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:154 Resp: 1307947

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.1	60.1
76	13.9	0.0	33.7

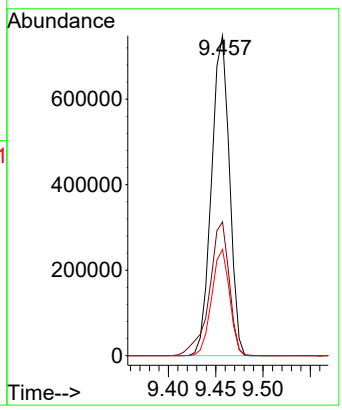




#47
2-Chloronaphthalene
Concen: 71.557 ng
RT: 9.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:162 Resp: 99043

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.0	49.6
164	33.2	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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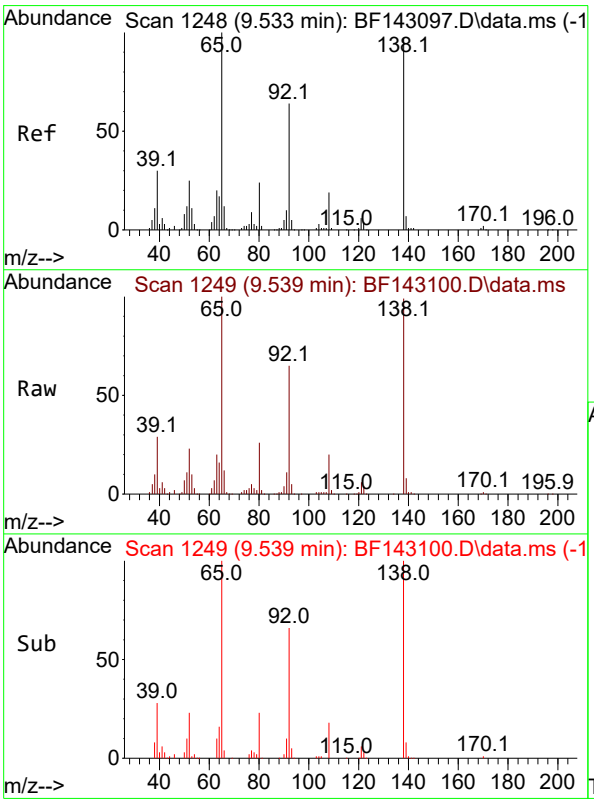
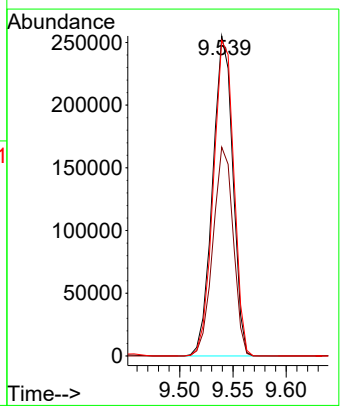
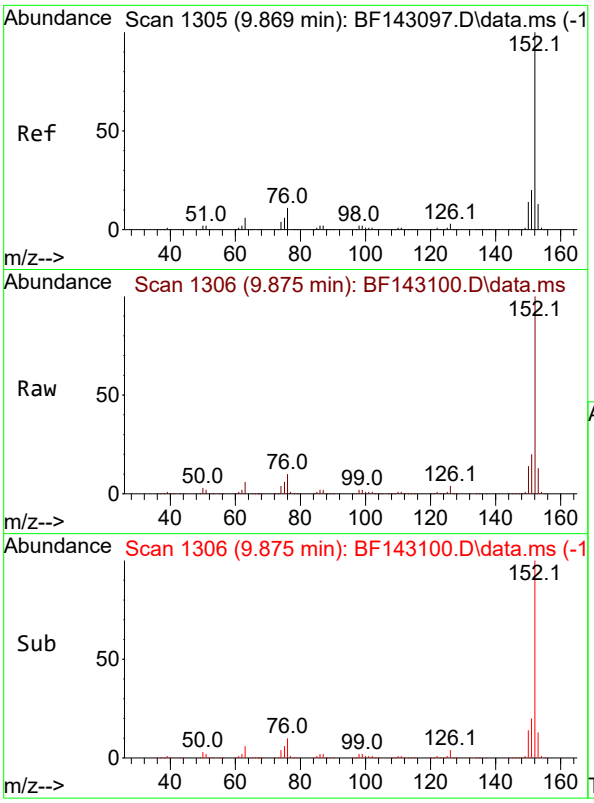


#48
2-Nitroaniline
Concen: 79.074 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion: 65 Resp: 335875

Ion	Ratio	Lower	Upper
65	100		
92	65.2	51.3	76.9
138	98.6	77.8	116.6

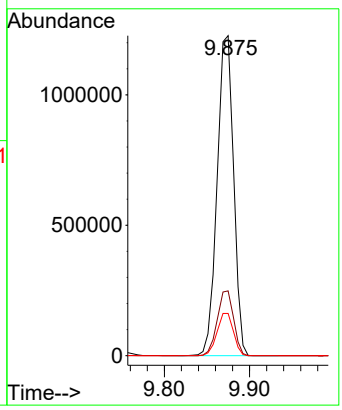




#49
Acenaphthylene
Concen: 71.544 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:152 Resp: 165009

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.2	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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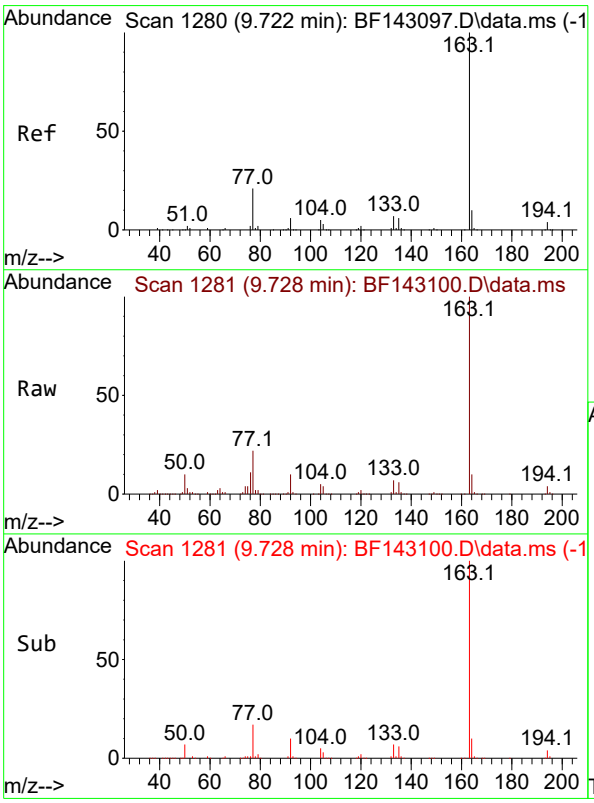
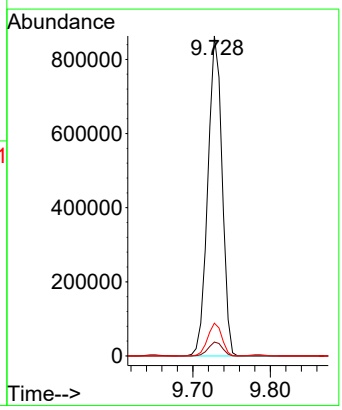
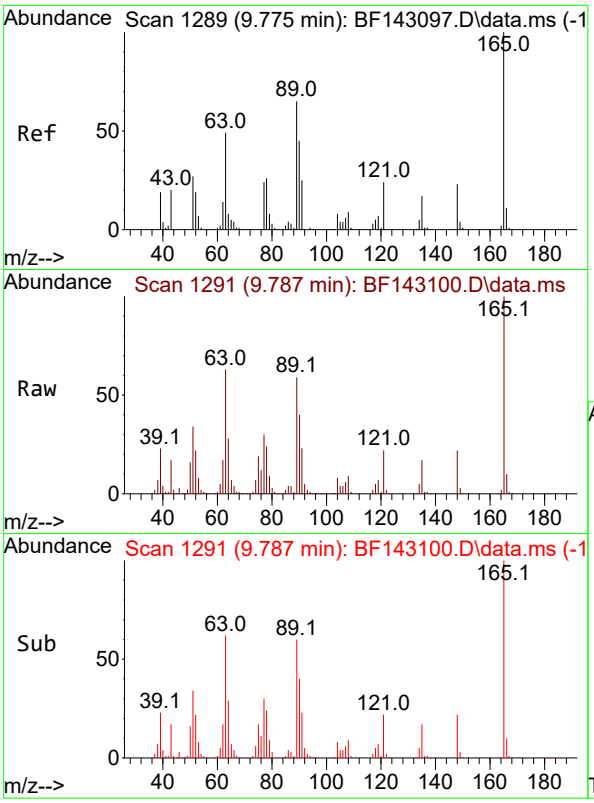


#50
Dimethylphthalate
Concen: 74.327 ng
RT: 9.728 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:163 Resp: 1104756

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 77.660 ng
RT: 9.787 min Scan# 1
Delta R.T. 0.011 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:165 Resp: 23347

Ion	Ratio	Lower	Upper
165	100		
63	63.3	57.4	86.0
89	59.4	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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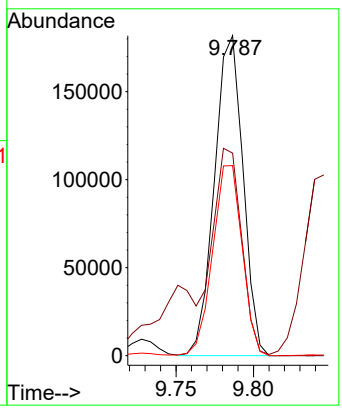
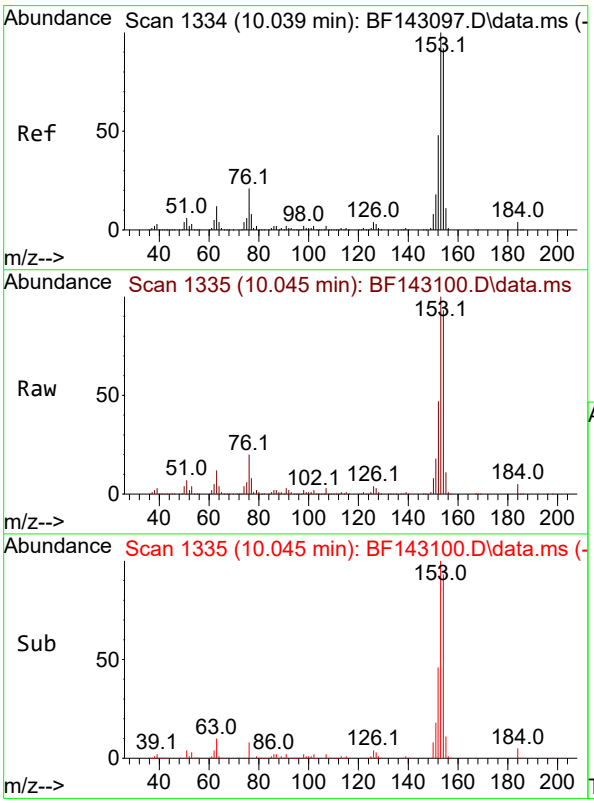
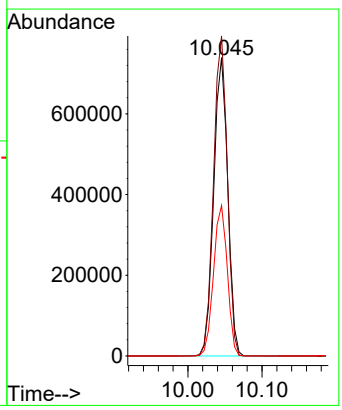


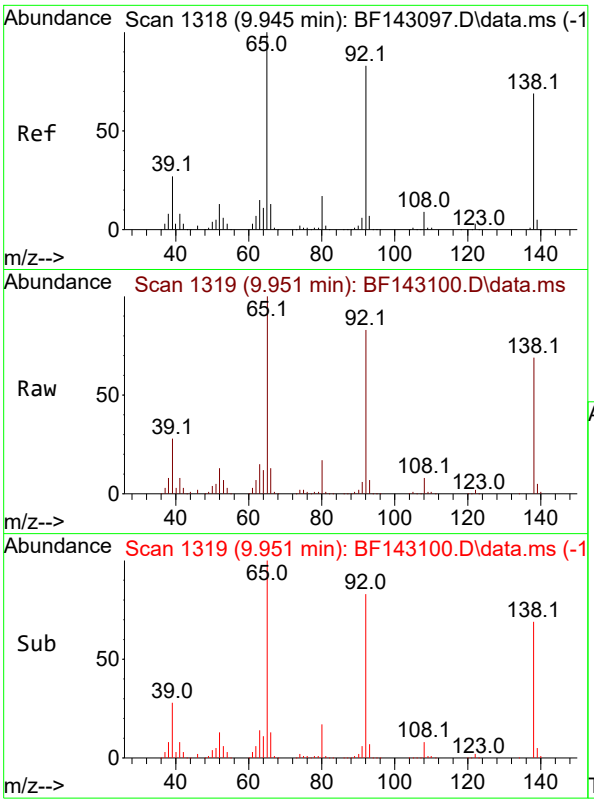


#52
Acenaphthene
Concen: 71.657 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:154 Resp: 975285

Ion	Ratio	Lower	Upper
154	100		
153	107.3	86.7	130.1
152	50.5	41.4	62.2





#53
3-Nitroaniline
Concen: 86.920 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:138 Resp: 27916

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.1	15.1
92	121.4	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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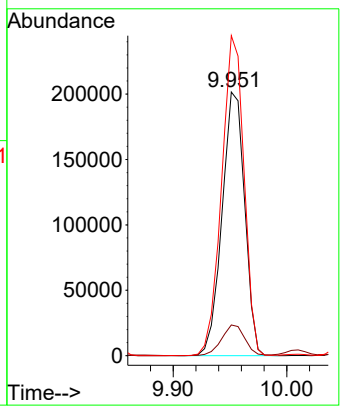
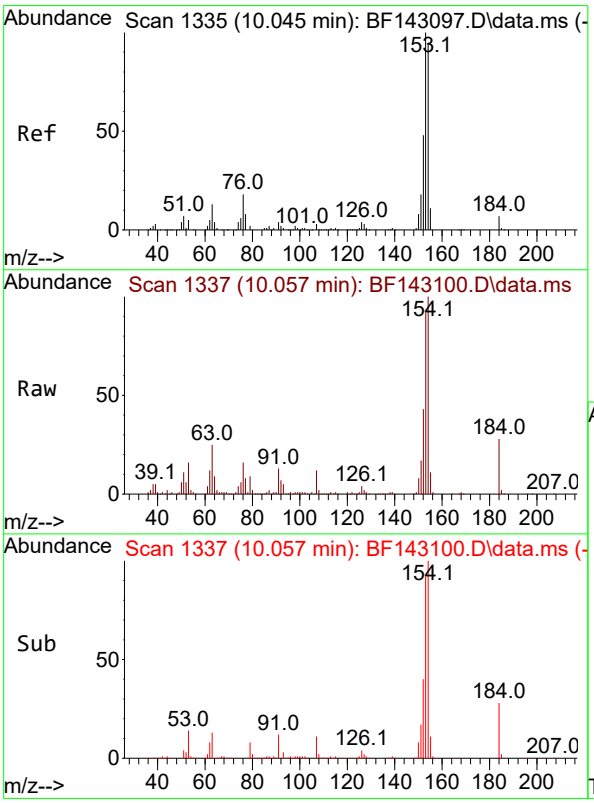
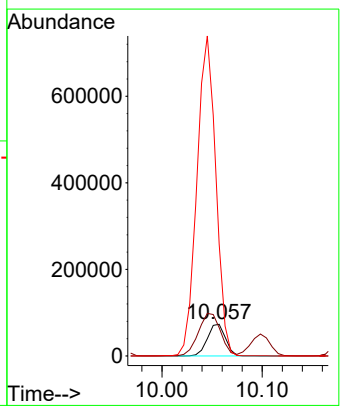


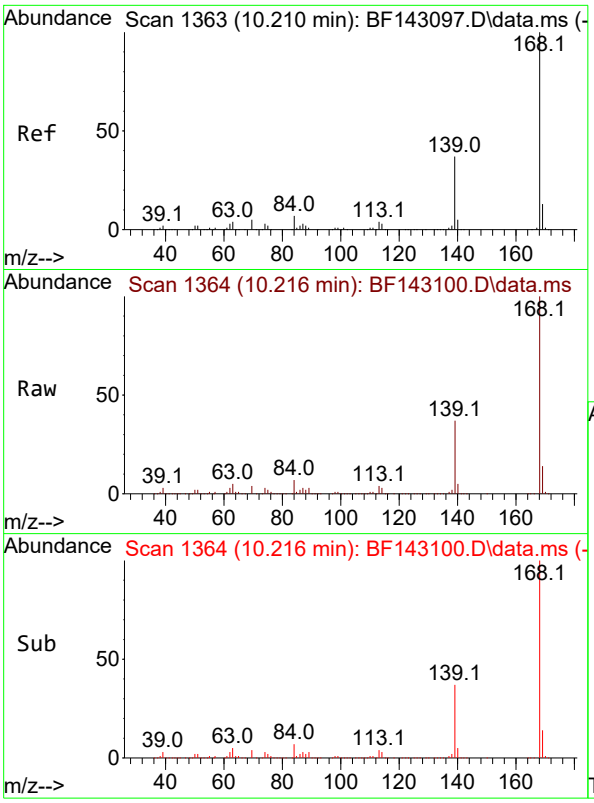


#54
2,4-Dinitrophenol
Concen: 79.064 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:184 Resp: 91751

Ion	Ratio	Lower	Upper
184	100		
63	89.3	149.3	223.9#
154	352.7	1048.0	1572.0#

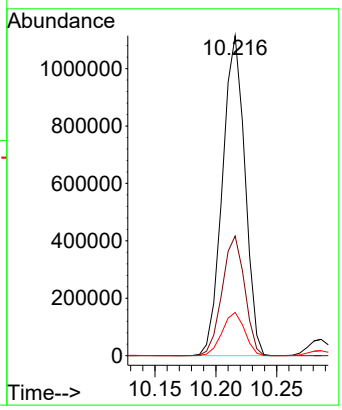




#55
Dibenzofuran
Concen: 70.610 ng
RT: 10.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:168 Resp: 143245

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.8	44.6
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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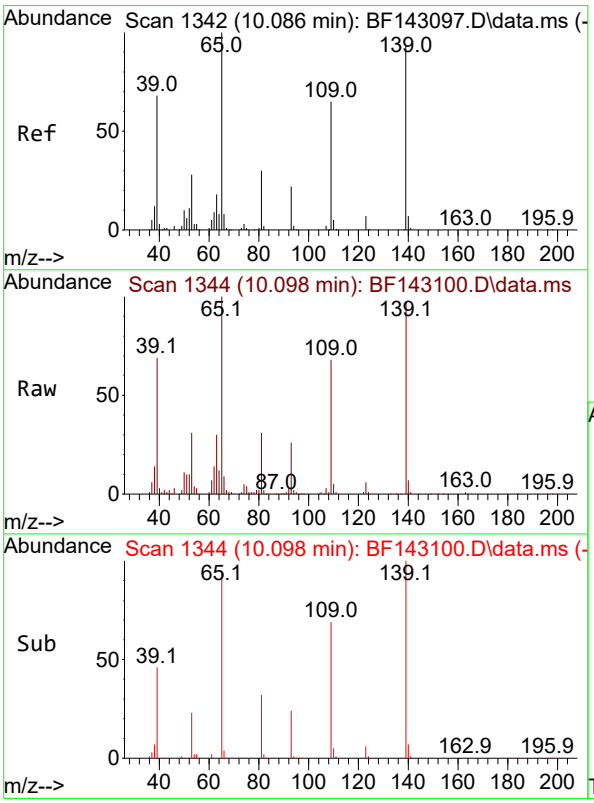
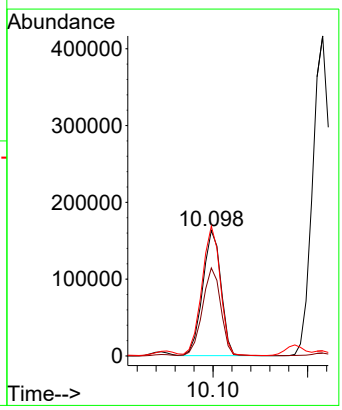
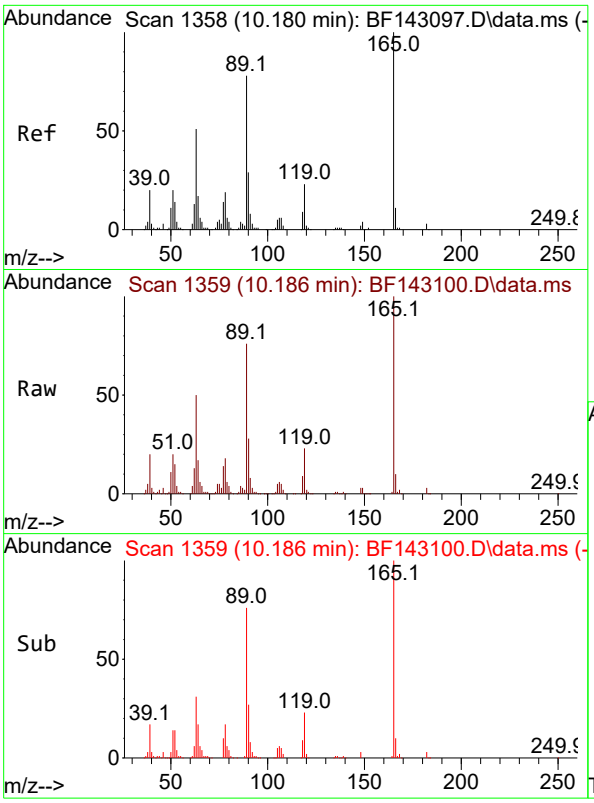


#56
4-Nitrophenol
Concen: 85.886 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:139 Resp: 219224

Ion	Ratio	Lower	Upper
139	100		
109	70.2	49.4	89.4
65	103.6	88.2	128.2

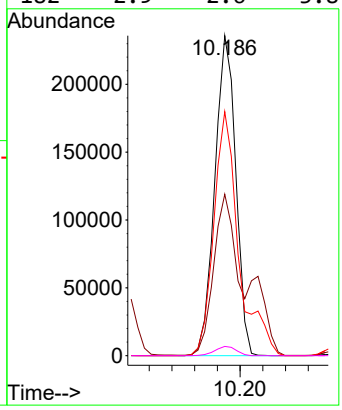




#57
2,4-Dinitrotoluene
Concen: 80.048 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:165 Resp: 30255

Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.6	61.0
89	76.3	62.3	93.5
182	2.9	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
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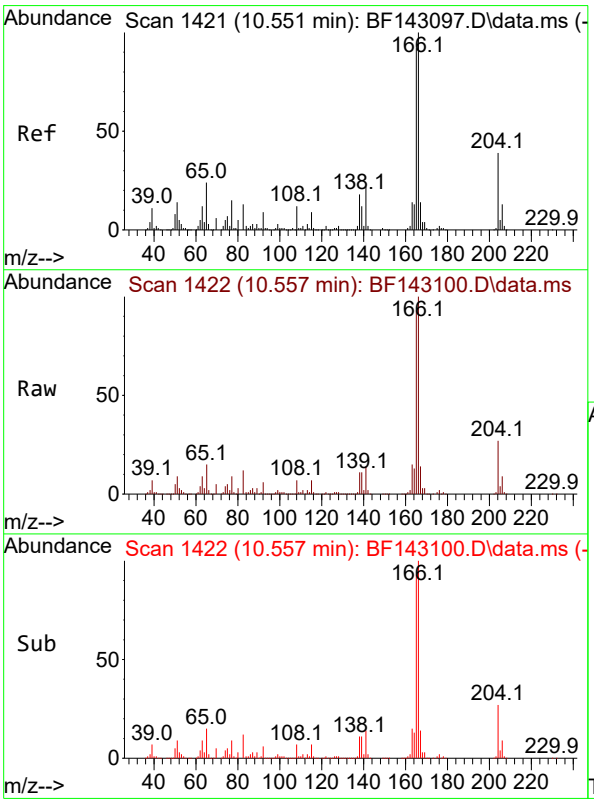
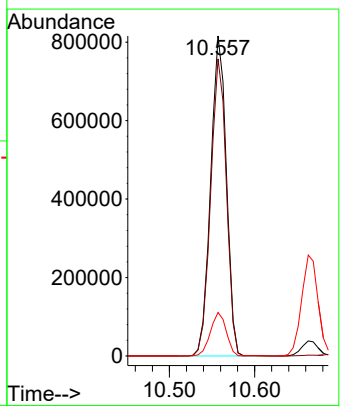
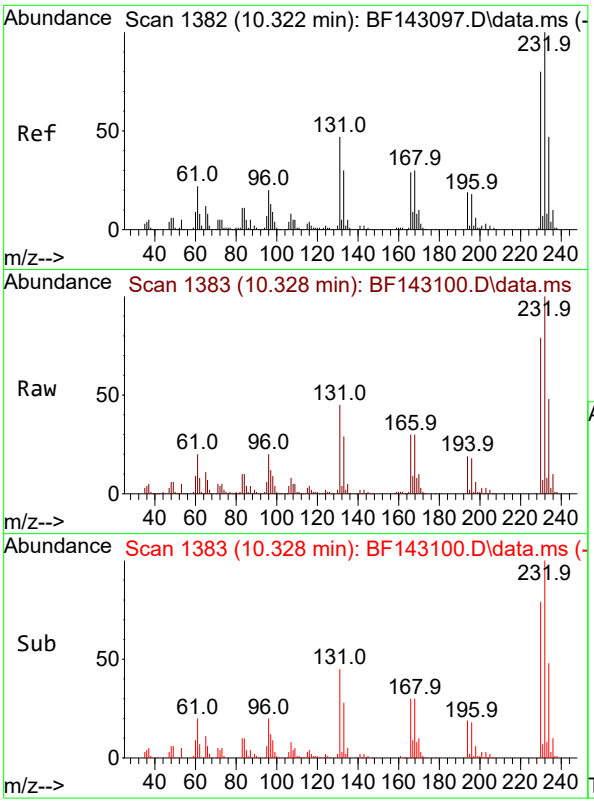


#58
Fluorene
Concen: 68.640 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:166 Resp: 1043990

Ion	Ratio	Lower	Upper
166	100		
165	92.9	73.7	110.5
167	13.6	10.9	16.3

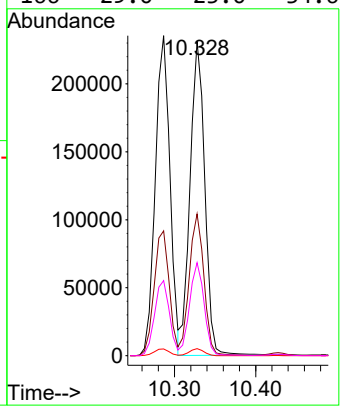




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.893 ng
RT: 10.328 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:232 Resp: 29193

Ion	Ratio	Lower	Upper
232	100		
131	44.7	36.9	55.3
130	2.2	1.8	2.8
166	29.0	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
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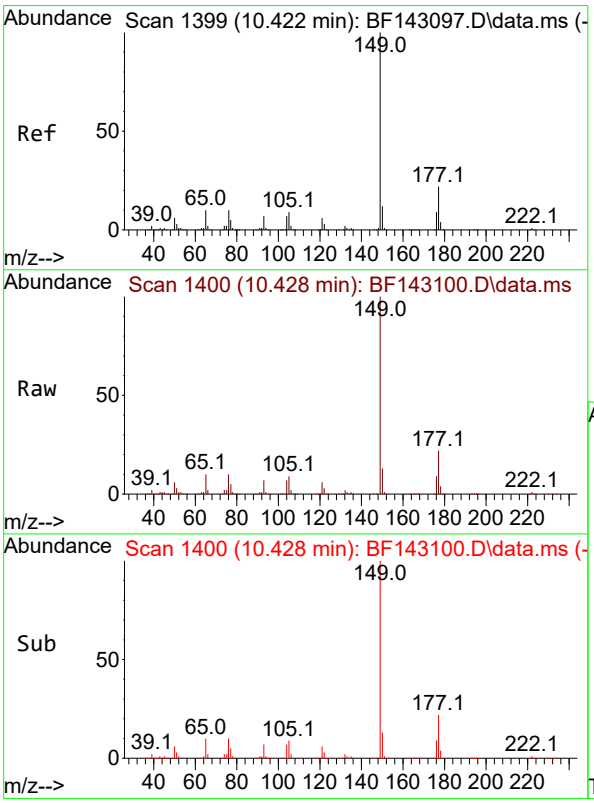
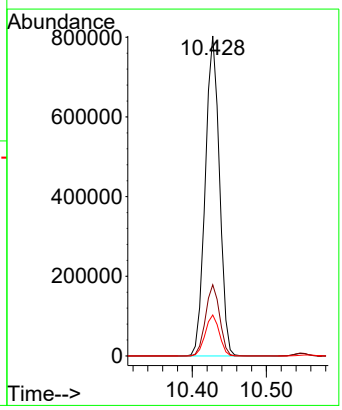
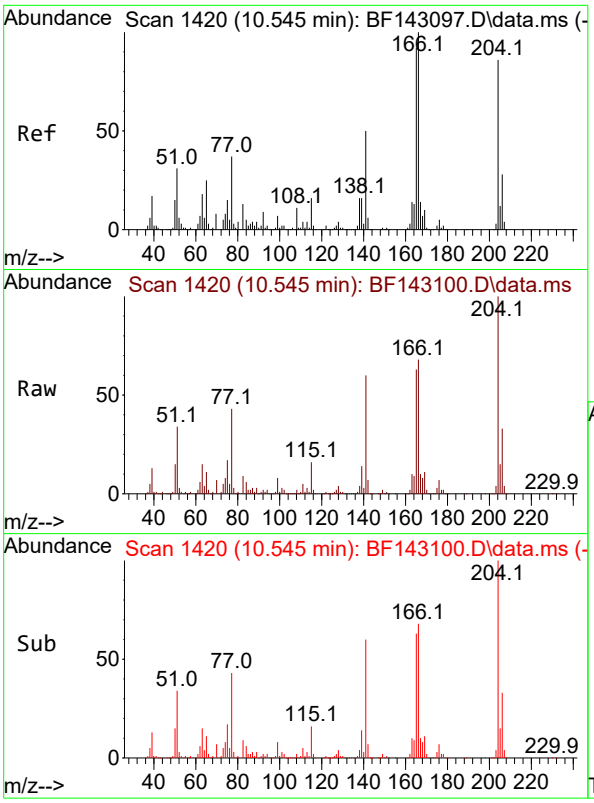


#60
Diethylphthalate
Concen: 74.464 ng
RT: 10.428 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 1067815

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.8	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 72.005 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:204 Resp: 52491

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	60.2	46.8	70.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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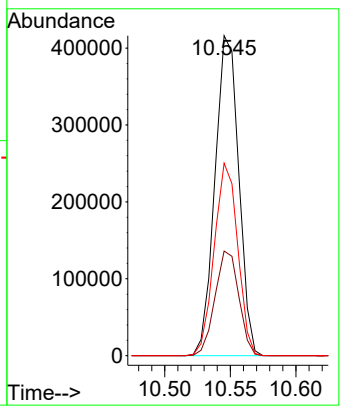
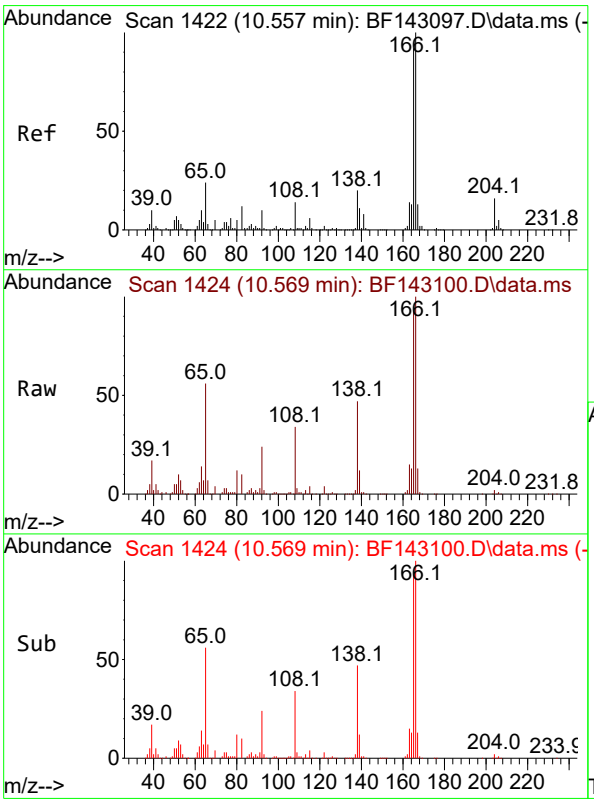
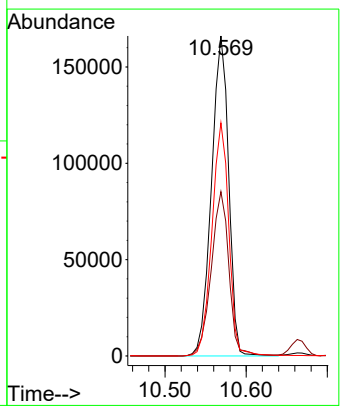


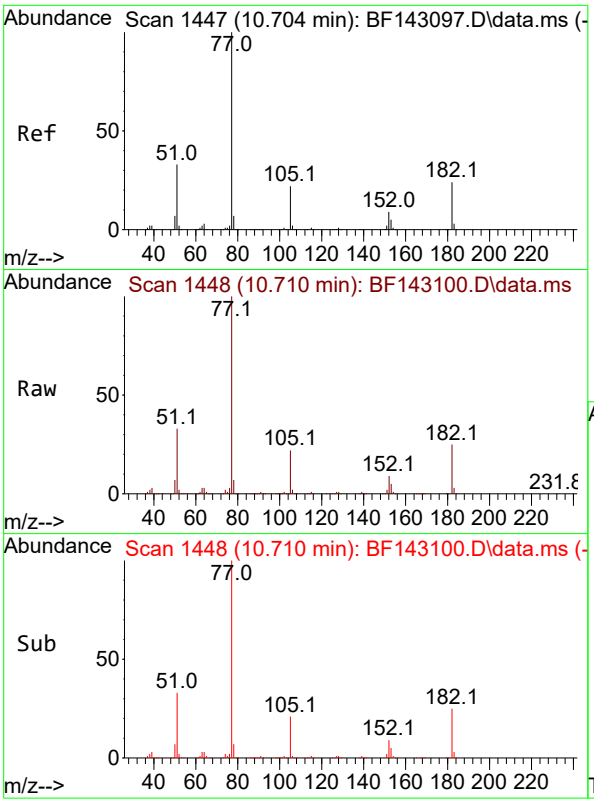


#62
4-Nitroaniline
Concen: 87.527 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:138 Resp: 244461

Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.4	70.4
108	72.9	49.5	89.5





#63
Azobenzene
Concen: 71.985 ng
RT: 10.710 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 114161

Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.0	44.0
105	21.7	1.4	41.4
51	33.3	14.3	54.3

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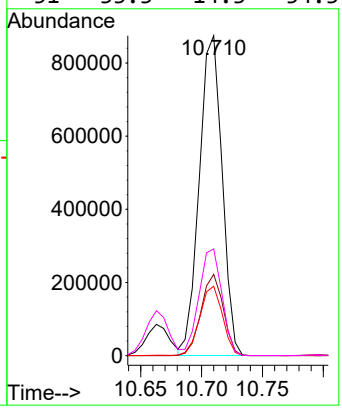
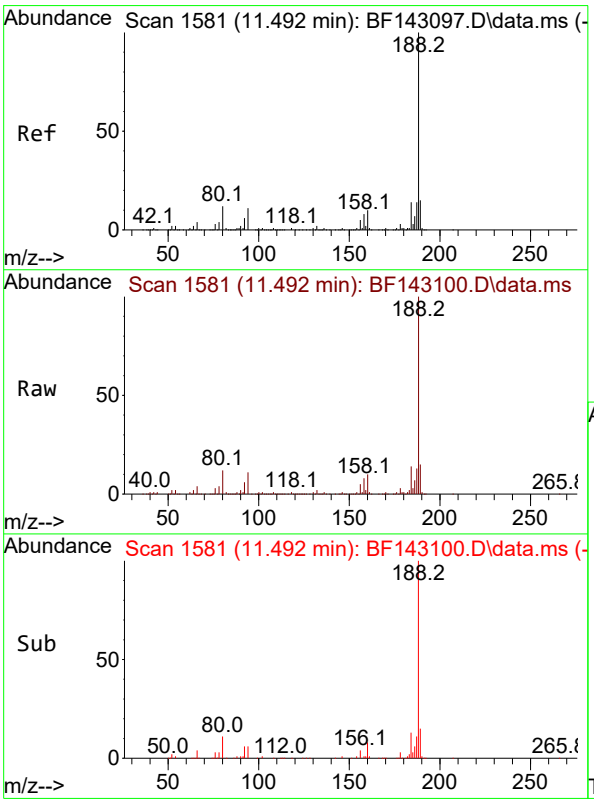
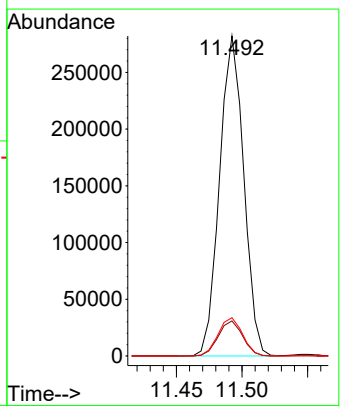


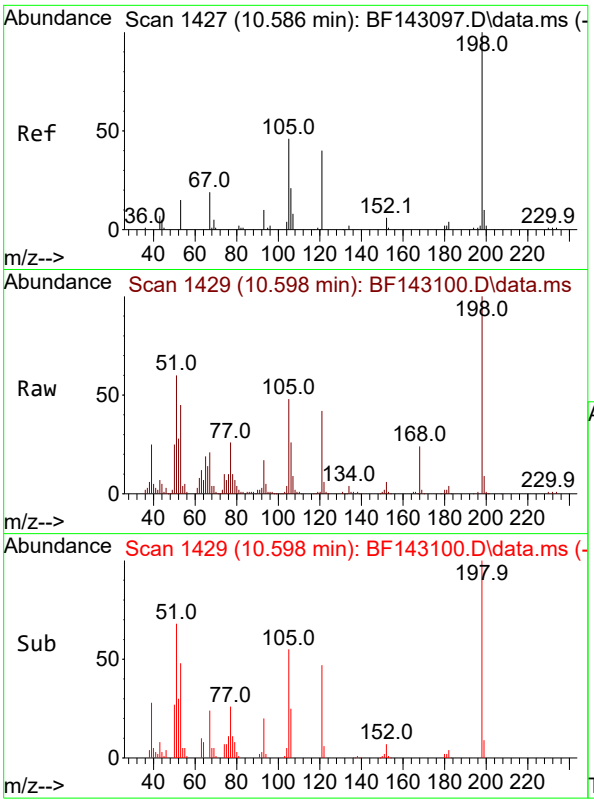


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:188 Resp: 362117

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.6	13.0
80	12.0	9.3	13.9

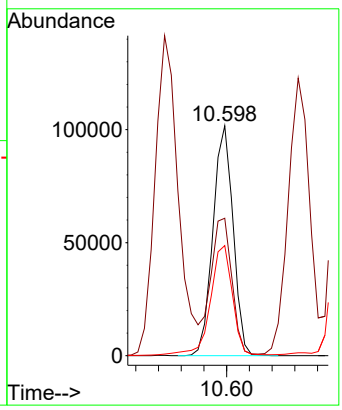




#65
4,6-Dinitro-2-methylphenol
Concen: 78.600 ng
RT: 10.598 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:198 Resp: 12525

Ion	Ratio	Lower	Upper
198	100		
51	59.8	44.6	84.6
105	47.9	29.3	69.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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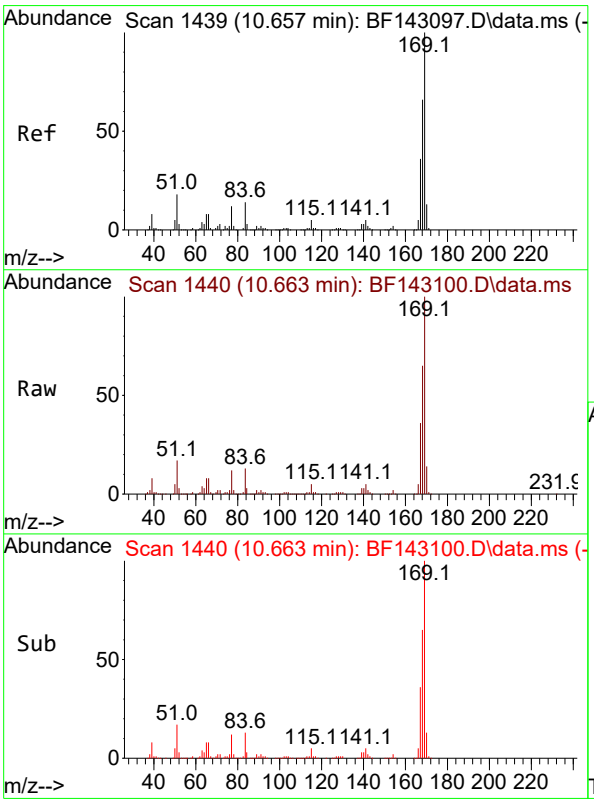
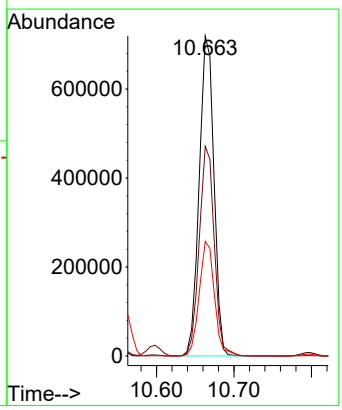
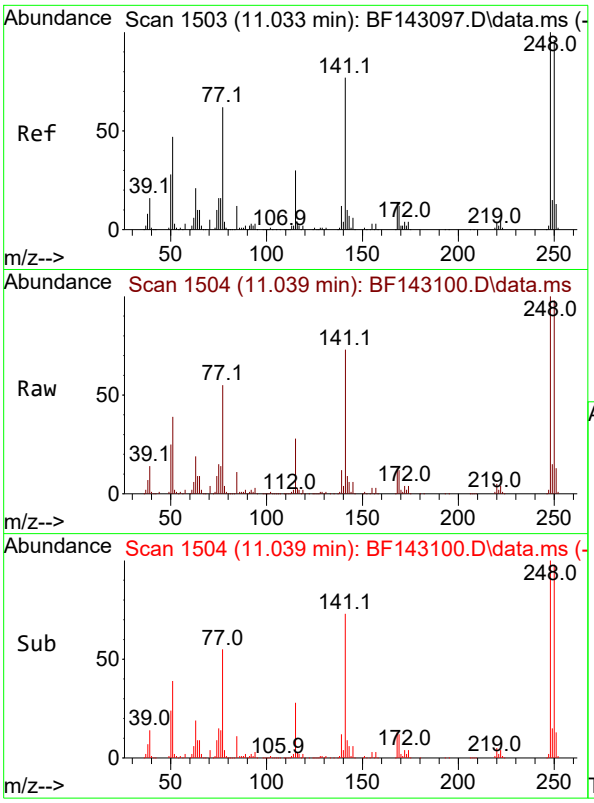


#66
n-Nitrosodiphenylamine
Concen: 74.520 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:169 Resp: 947890

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.0	79.6
167	35.8	28.4	42.6

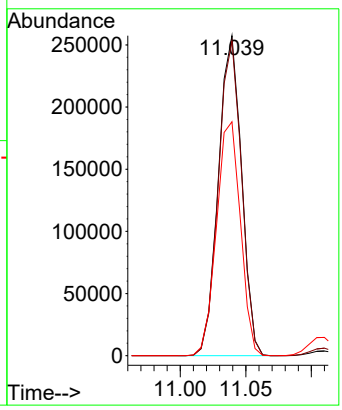




#67
4-Bromophenyl-phenylether
Concen: 76.885 ng
RT: 11.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:248 Resp: 31661

Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.7	115.1
141	73.1	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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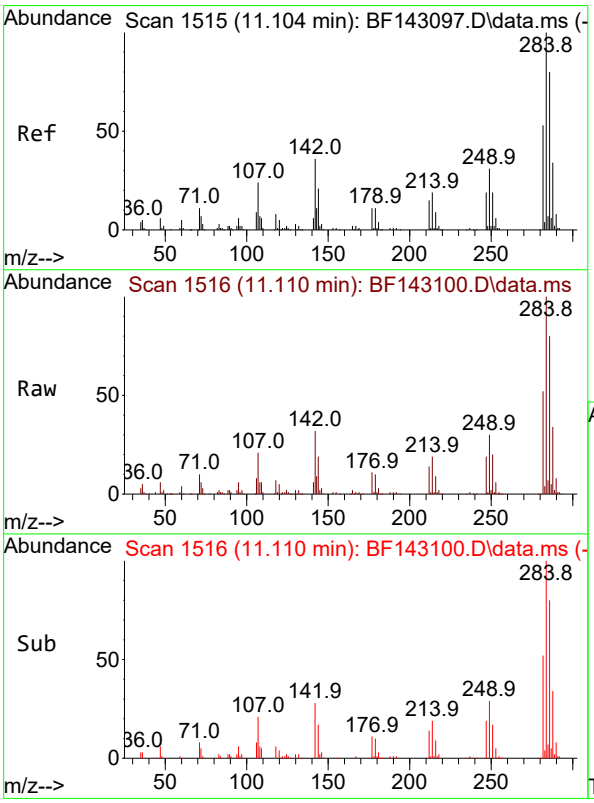
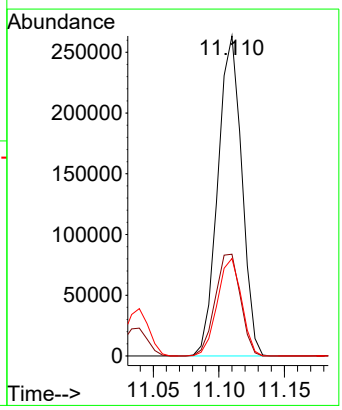
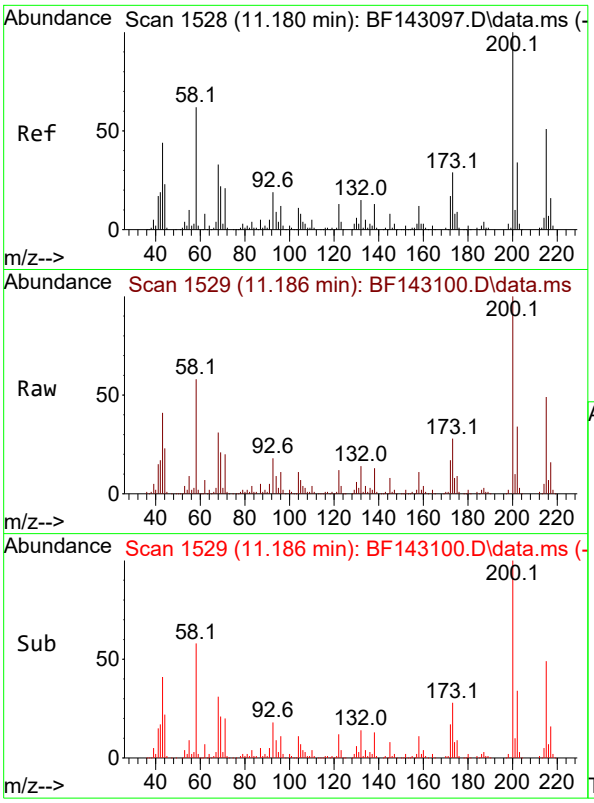


#68
Hexachlorobenzene
Concen: 76.417 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:284 Resp: 333899

Ion	Ratio	Lower	Upper
284	100		
142	31.8	28.9	43.3
249	30.5	24.6	37.0

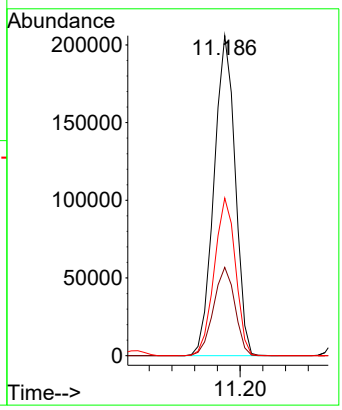




#69
Atrazine
Concen: 81.943 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:200 Resp: 26666

Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.1	49.1
215	49.2	31.0	71.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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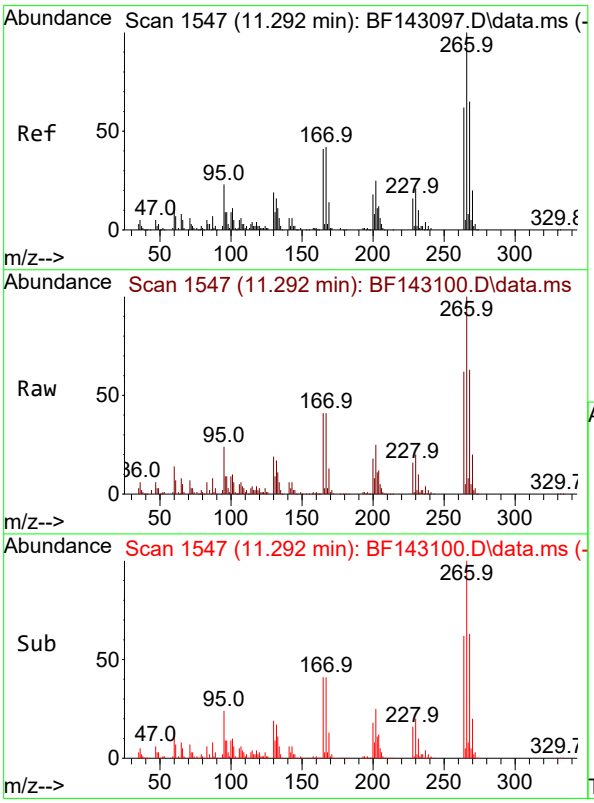
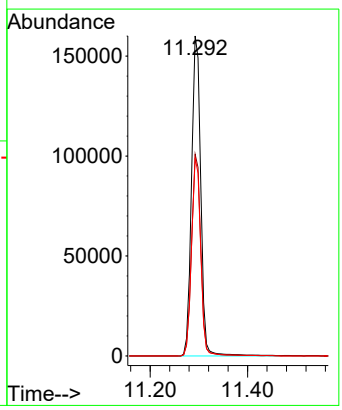
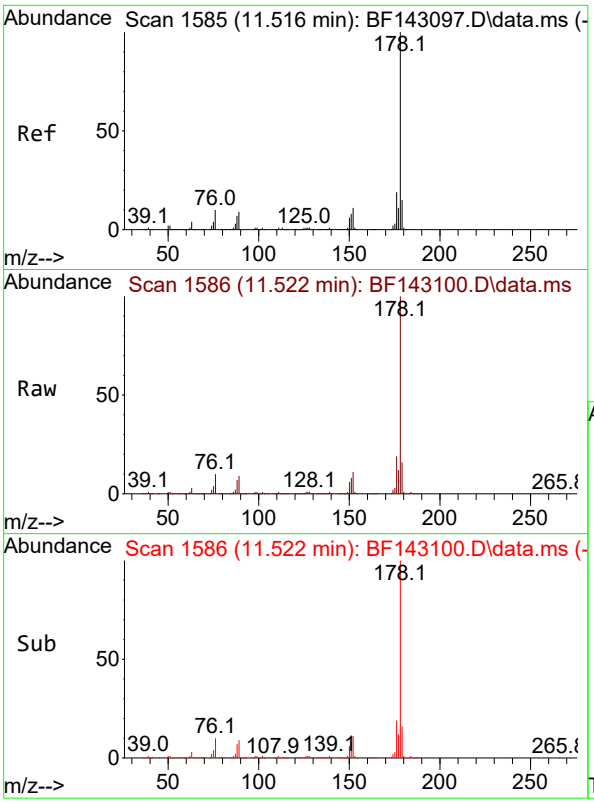


#70
Pentachlorophenol
Concen: 87.905 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:266 Resp: 210729

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.8	77.6
264	61.8	49.7	74.5

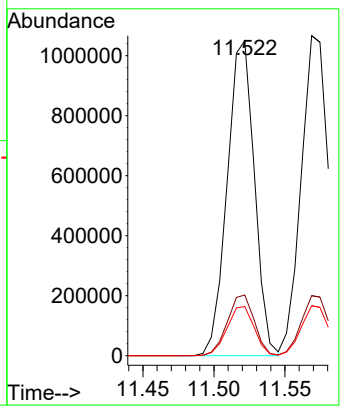




#71
Phenanthrene
Concen: 71.714 ng
RT: 11.522 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:178 Resp: 140150

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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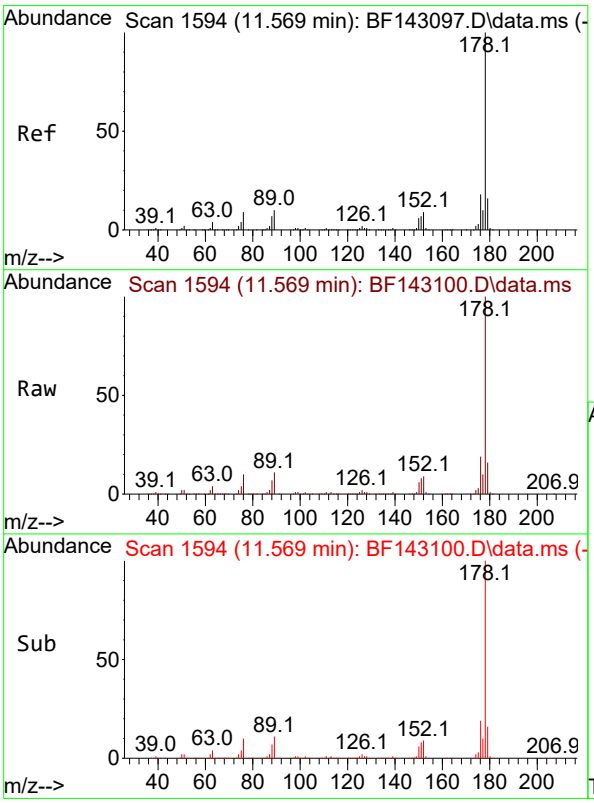
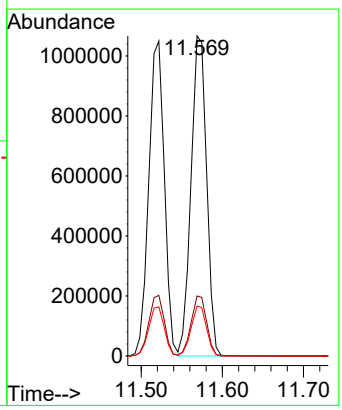
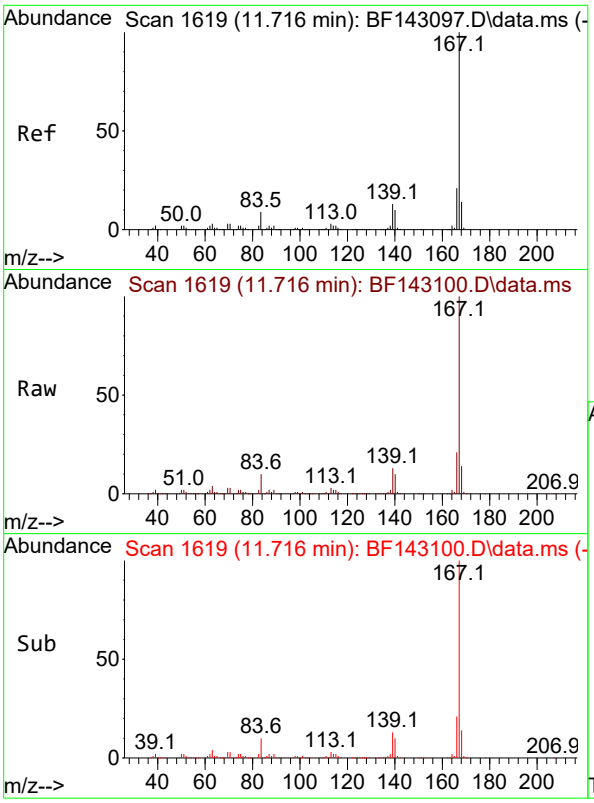


#72
Anthracene
Concen: 72.421 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:178 Resp: 1423259

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.6	12.4	18.6

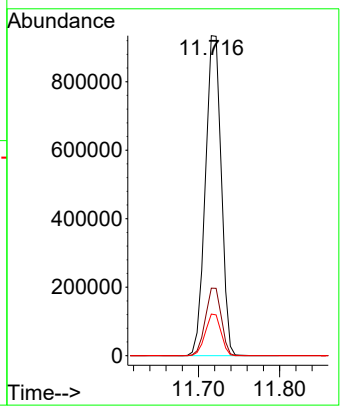




#73
Carbazole
Concen: 71.796 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:167 Resp: 126405

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	13.0	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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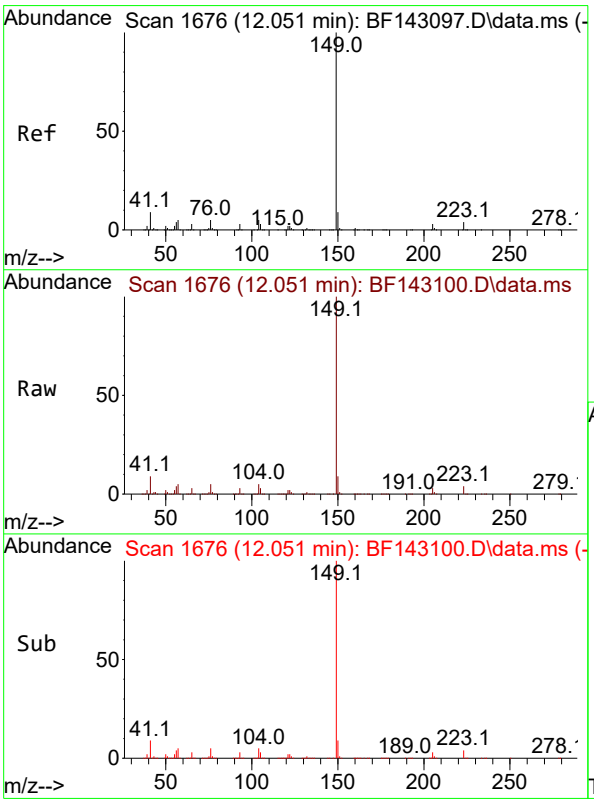
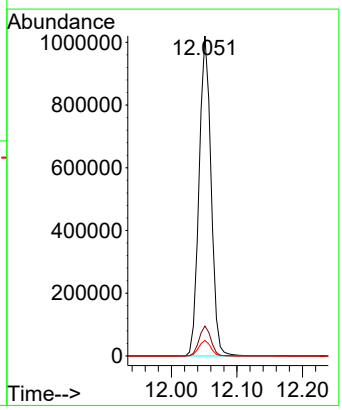
Supervised By :Jagrut Upadhyay 07/16/2025

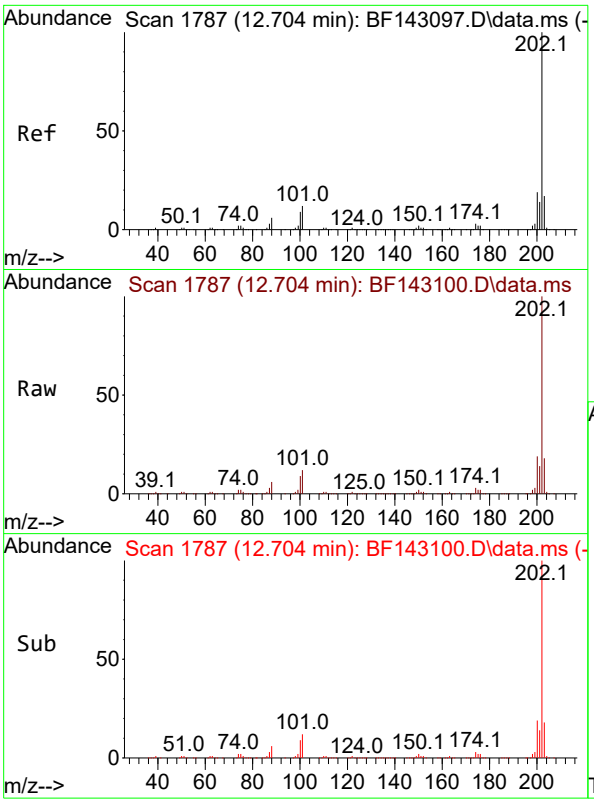


#74
Di-n-butylphthalate
Concen: 80.422 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 1299711

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.8





#75
Fluoranthene
Concen: 70.821 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:202 Resp: 125847

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.4
203	17.9	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
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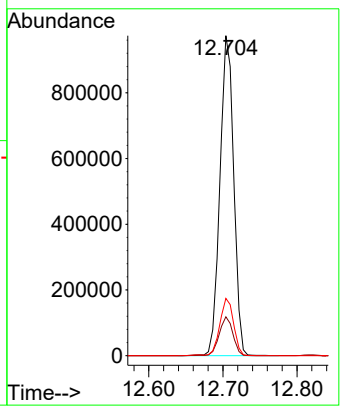
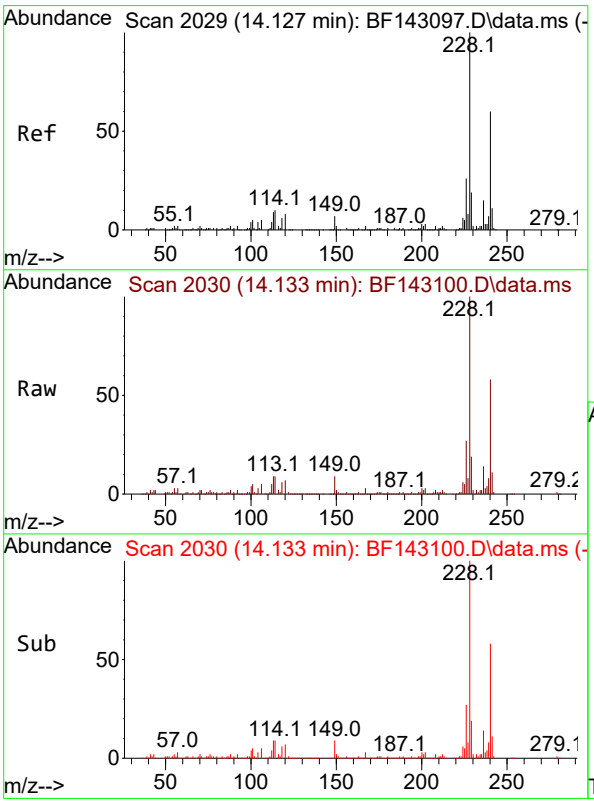
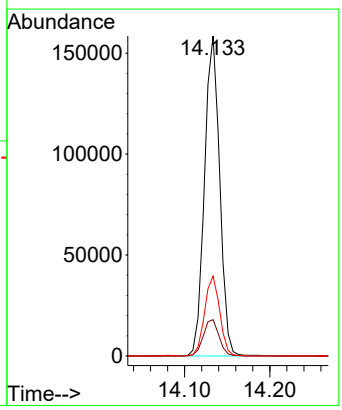


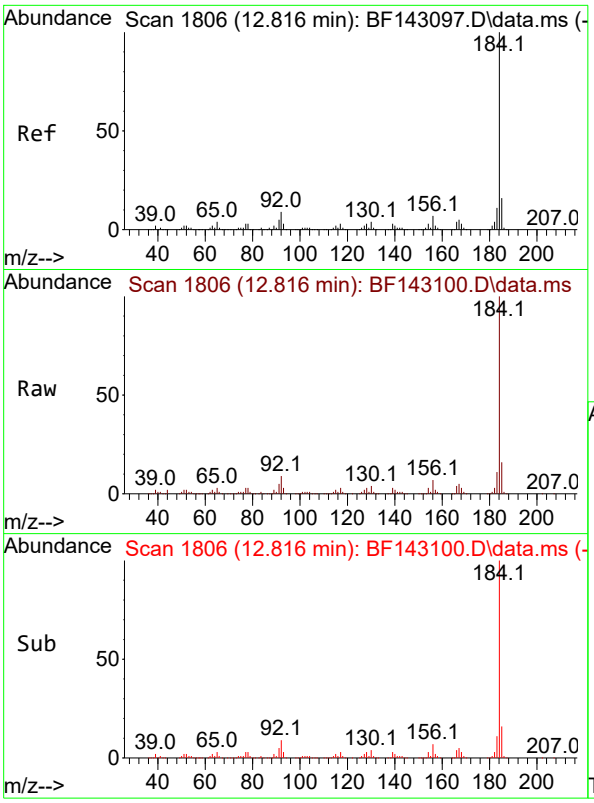


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:240 Resp: 196411

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	25.0	20.0	30.0

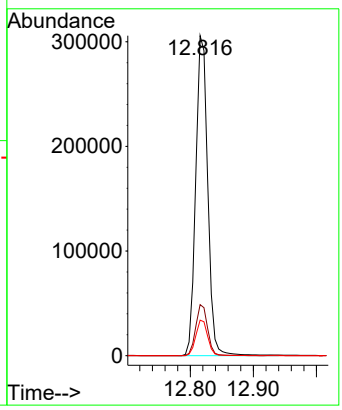




#77
Benzidine
Concen: 60.315 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:184 Resp: 40359

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.4	18.6
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
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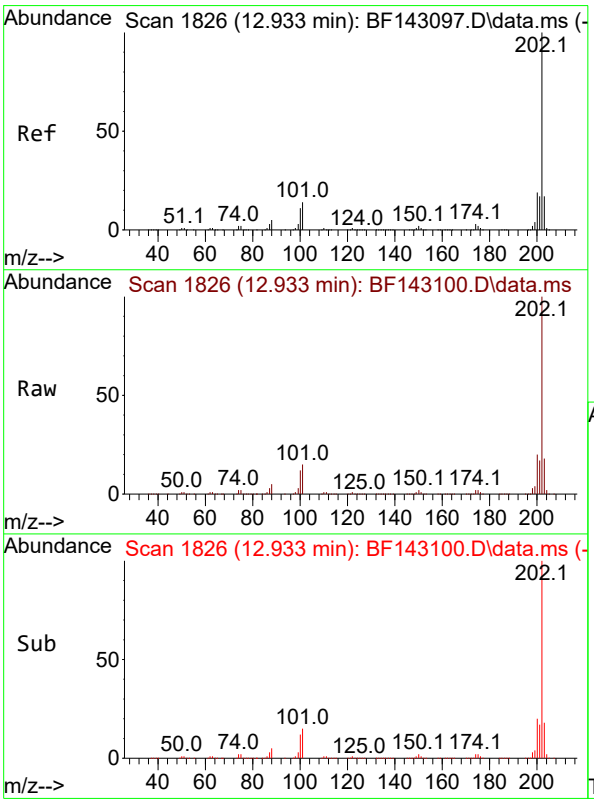
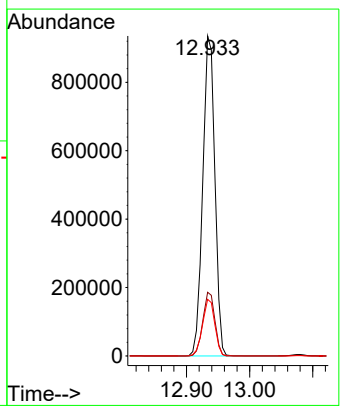
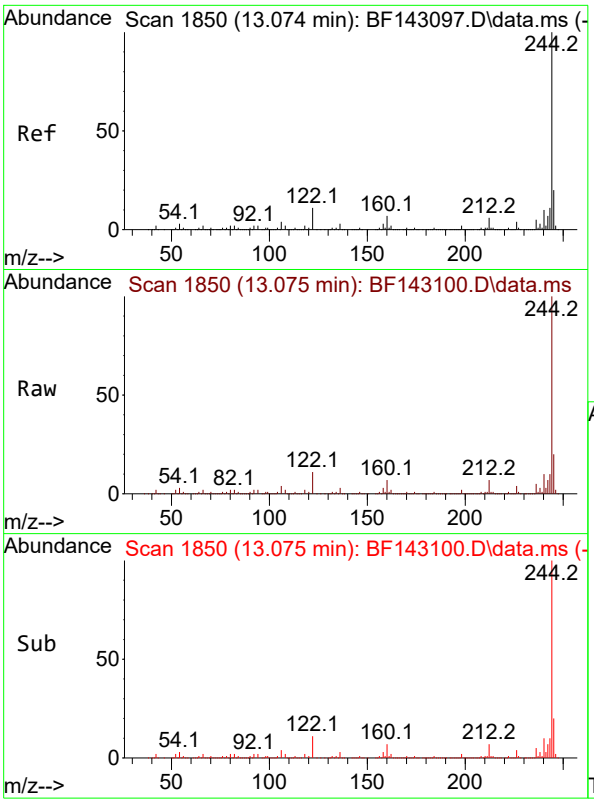


#78
Pyrene
Concen: 68.315 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:202 Resp: 1244953

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	17.7	14.0	21.0

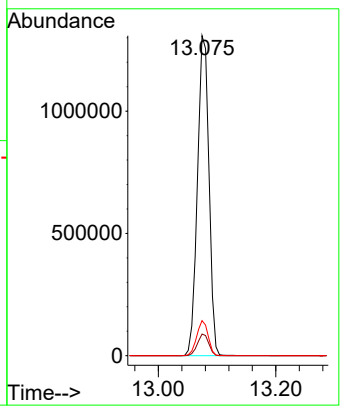




#79
Terphenyl-d14
Concen: 132.466 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:244 Resp: 177982

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	11.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
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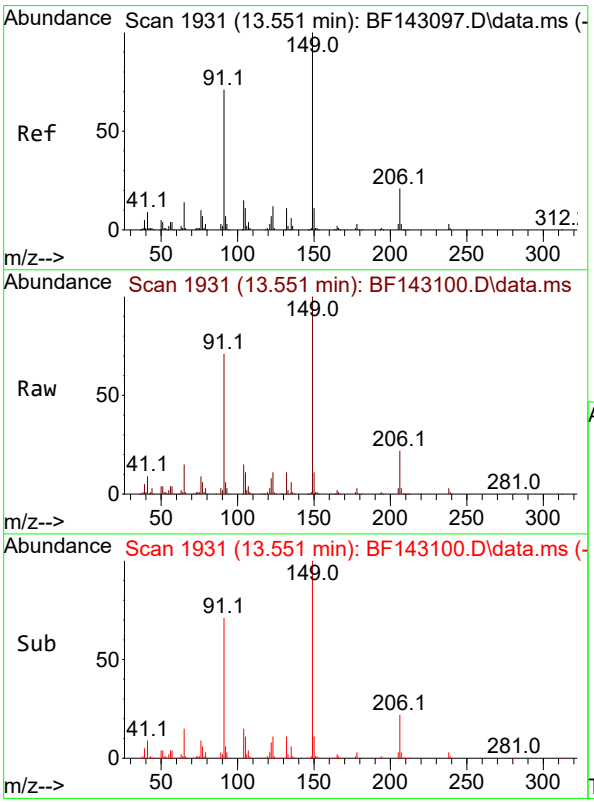
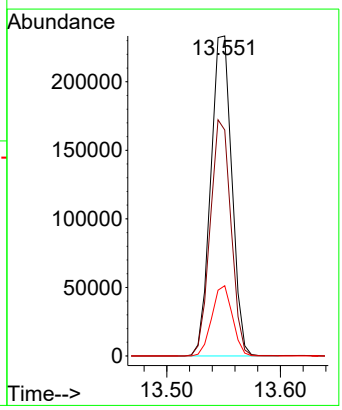
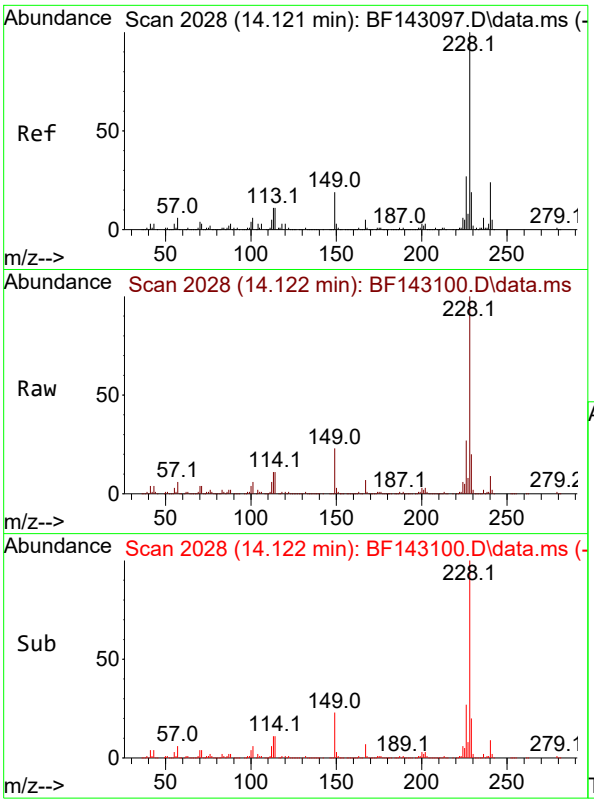


#80
Butylbenzylphthalate
Concen: 79.914 ng
RT: 13.551 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 301525

Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.0	85.4
206	21.9	17.2	25.8

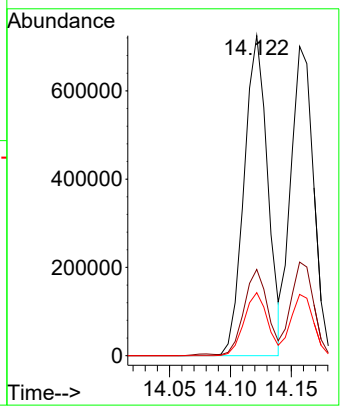




#81
Benzo(a)anthracene
Concen: 74.870 ng
RT: 14.122 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:228 Resp: 97990

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.7	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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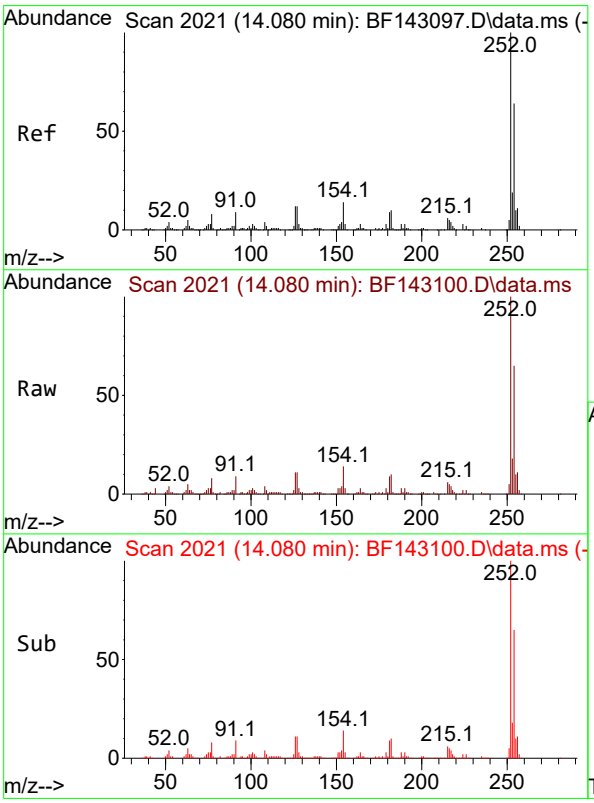
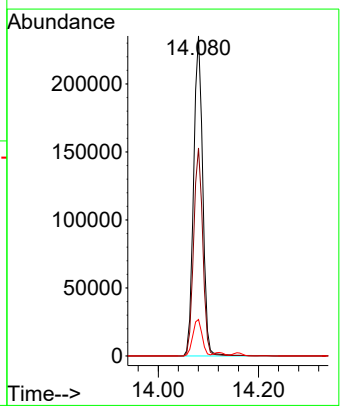
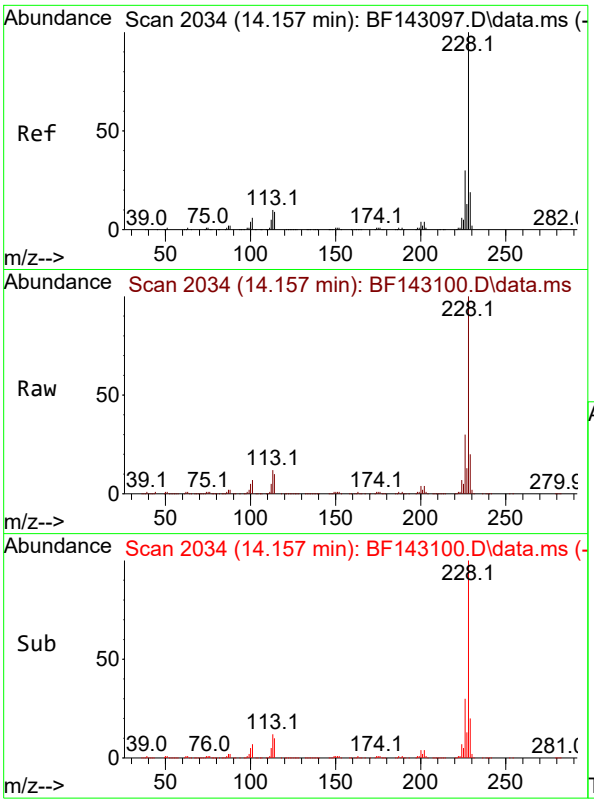


#82
3,3'-Dichlorobenzidine
Concen: 77.896 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:252 Resp: 296061

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	11.4	9.4	14.0

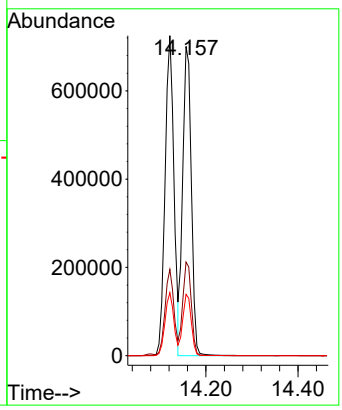




#83
Chrysene
Concen: 75.743 ng
RT: 14.157 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:228 Resp: 91303

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	19.8	15.3	22.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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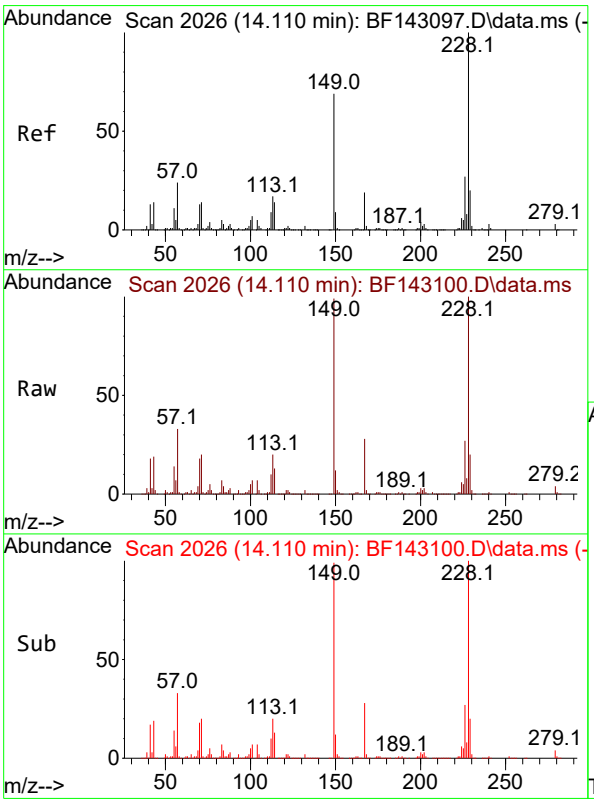
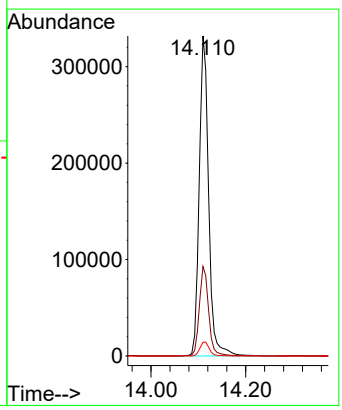
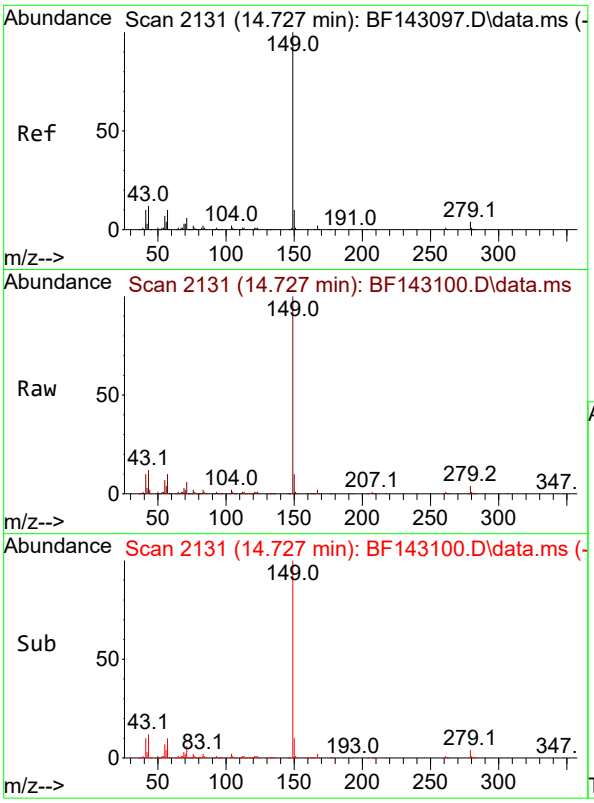


#84
Bis(2-ethylhexyl)phthalate
Concen: 80.495 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 458210

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.3	3.4	5.0

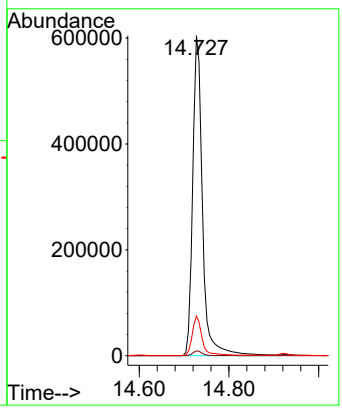




#85
Di-n-octyl phthalate
Concen: 82.209 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:149 Resp: 91674

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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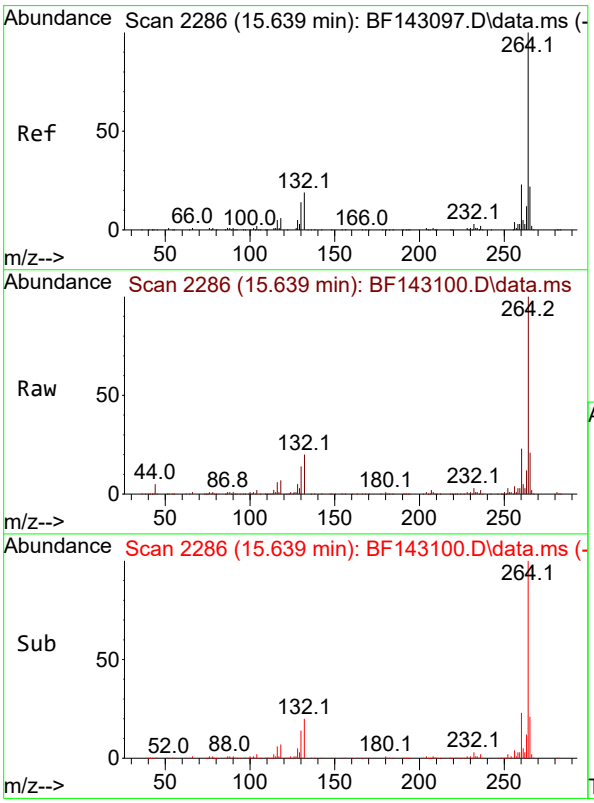
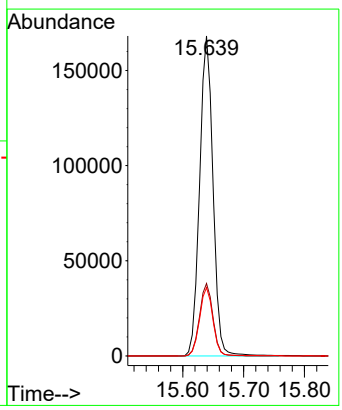
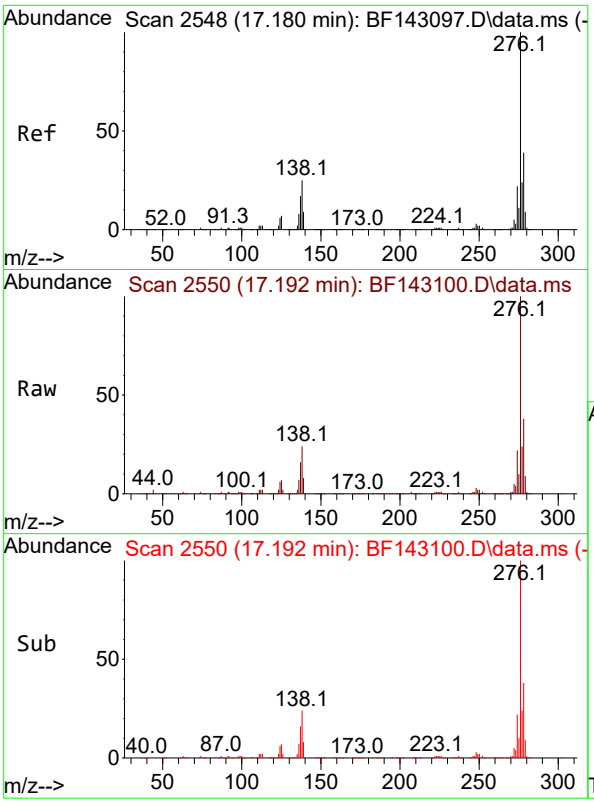


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:264 Resp: 256691

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.4	17.5	26.3

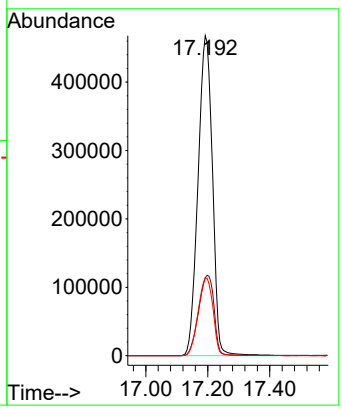




#87
Indeno(1,2,3-cd)pyrene
Concen: 79.082 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:276 Resp: 150981

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.6	34.0
277	25.3	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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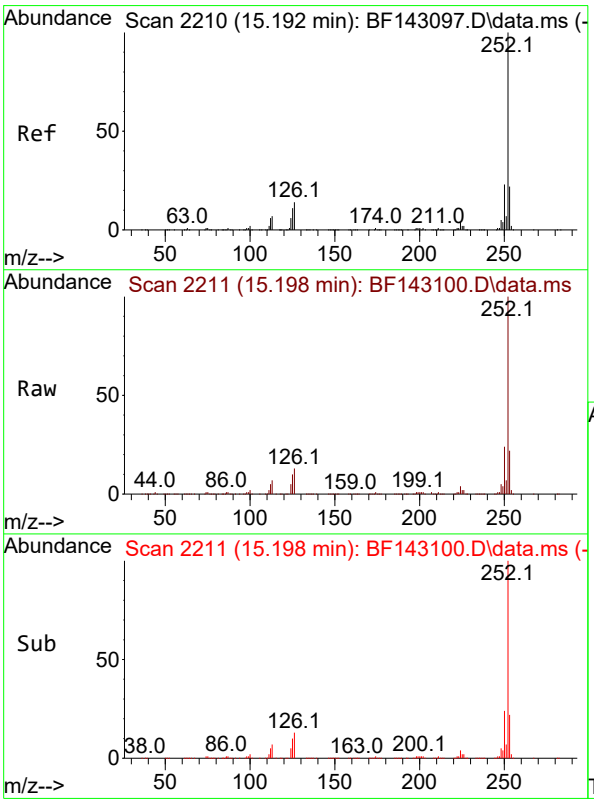
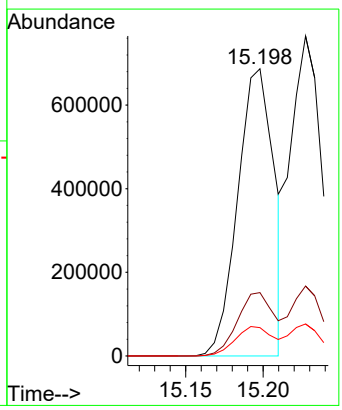
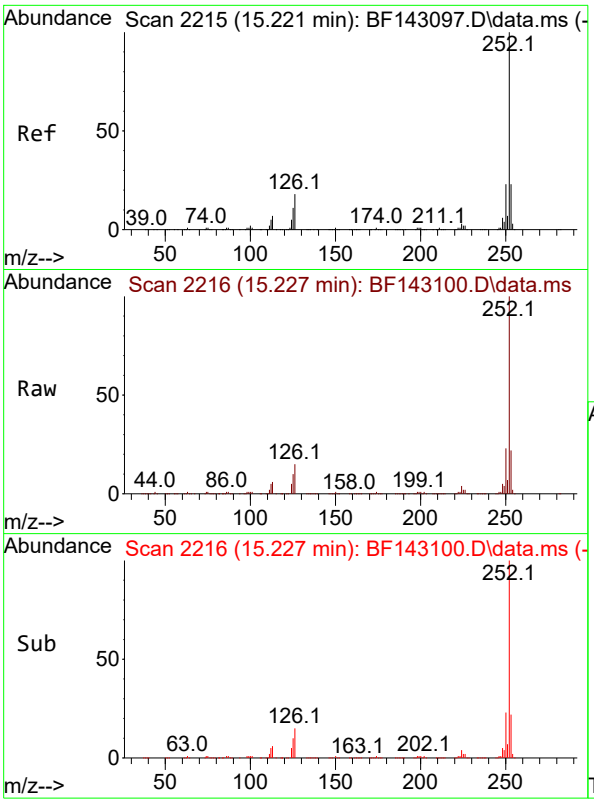


#88
Benzo(b)fluoranthene
Concen: 75.360 ng
RT: 15.198 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:252 Resp: 1115815

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.8	8.6	13.0

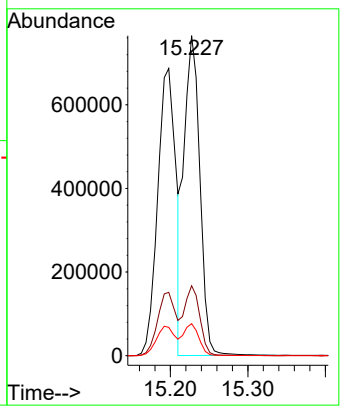




#89
Benzo(k)fluoranthene
Concen: 76.736 ng
RT: 15.227 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:252 Resp: 108393

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.0	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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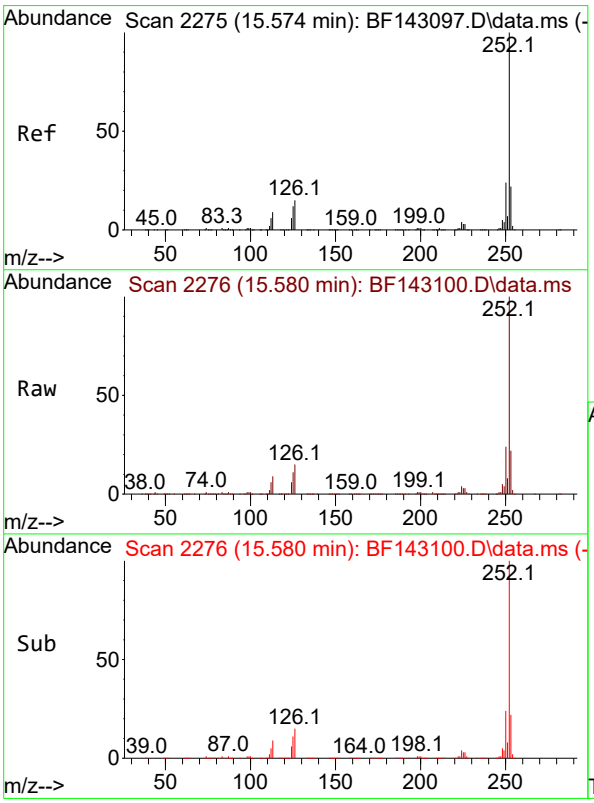
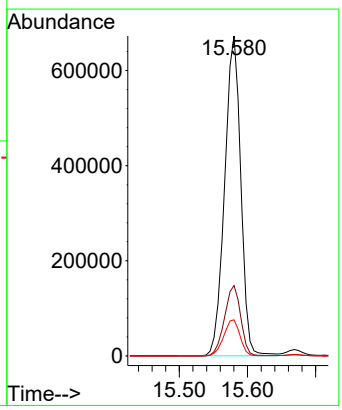
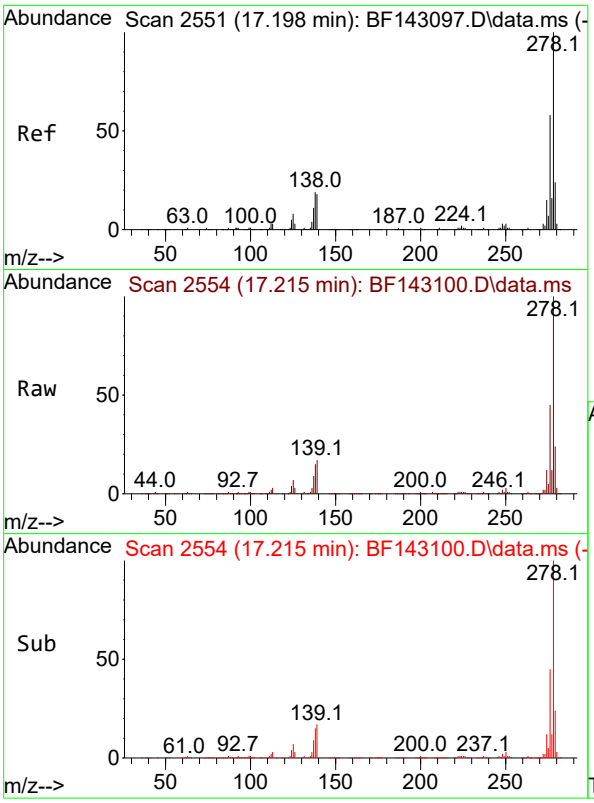


#90
Benzo(a)pyrene
Concen: 79.071 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:252 Resp: 1107280

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.3	9.4	14.0

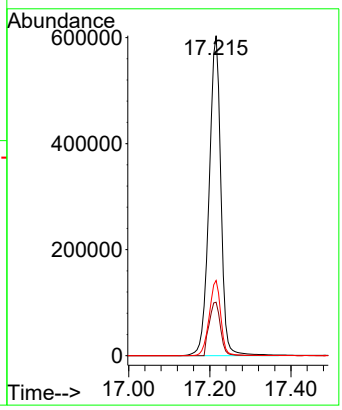




#91
Dibenzo(a,h)anthracene
Concen: 77.528 ng
RT: 17.215 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:278 Resp: 120997

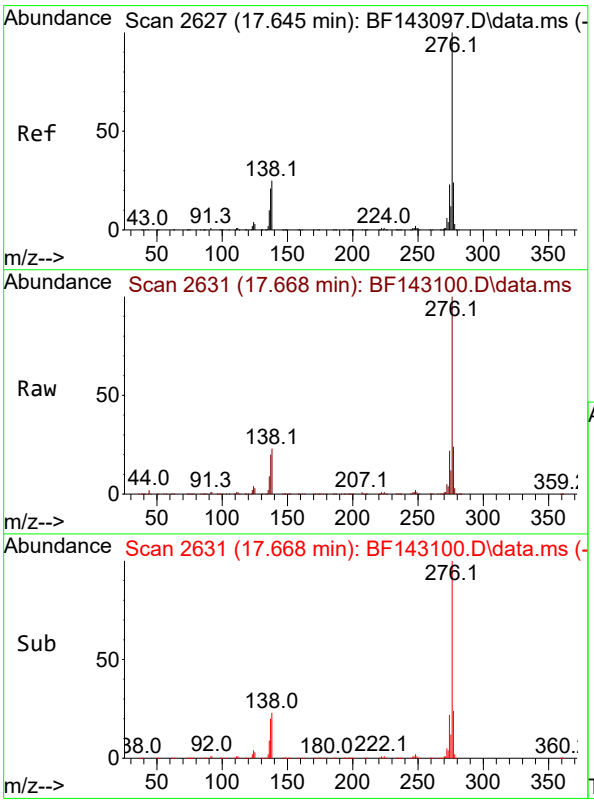
Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.6	22.0
279	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

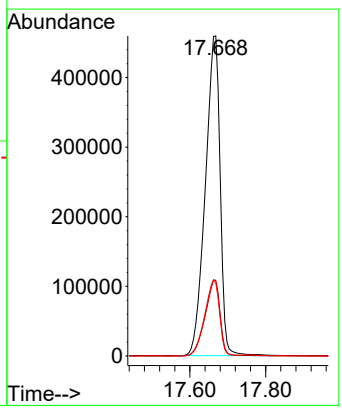
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 78.321 ng
RT: 17.668 min Scan# 2631
Delta R.T. 0.024 min
Lab File: BF143100.D
Acq: 15 Jul 2025 16:35

Tgt Ion:276 Resp: 1246206

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.8	19.8	29.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	130235	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	496378	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248221	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	398969	20.000	ng	0.00
76) Chrysene-d12	14.133	240	215152	20.000	ng	0.00
86) Perylene-d12	15.639	264	235493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	649544	78.799	ng	0.00
7) Phenol-d6	6.587	99	814393	78.598	ng	0.00
23) Nitrobenzene-d5	7.528	82	692735m	78.289	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	190277	85.971	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1290148	69.090	ng	0.00
79) Terphenyl-d14	13.074	244	1064372	72.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	156917	38.242	ng	99
3) Pyridine	3.581	79	426106	41.009	ng	99
4) n-Nitrosodimethylamine	3.522	42	223240	41.468	ng	98
6) Aniline	6.628	93	598787	41.038	ng	100
8) 2-Chlorophenol	6.751	128	351129	42.397	ng	99
9) Benzaldehyde	6.516	77	293033	37.115	ng	99
10) Phenol	6.598	94	467536m	41.681	ng	
11) bis(2-Chloroethyl)ether	6.698	93	354713	40.848	ng	99
12) 1,3-Dichlorobenzene	6.910	146	380756	40.694	ng	100
13) 1,4-Dichlorobenzene	6.987	146	381590	40.539	ng	100
14) 1,2-Dichlorobenzene	7.139	146	366082	40.782	ng	99
15) Benzyl Alcohol	7.098	79	325035	42.336	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	644651	40.273	ng	100
17) 2-Methylphenol	7.204	107	296835	41.532	ng	99
18) Hexachloroethane	7.486	117	132499	43.239	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	266499	41.982	ng	100
20) 3+4-Methylphenols	7.363	107	368618	42.057	ng	99
22) Acetophenone	7.375	105	482823	40.351	ng	99
24) Nitrobenzene	7.545	77	381374	44.647	ng	99
25) Isophorone	7.786	82	704424	41.188	ng	100
26) 2-Nitrophenol	7.863	139	150156	44.317	ng	100
27) 2,4-Dimethylphenol	7.892	122	333899	42.064	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	423022	40.789	ng	100
29) 2,4-Dichlorophenol	8.098	162	283011	43.580	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	303602	41.194	ng	99
31) Naphthalene	8.275	128	999363	40.543	ng	99
32) Benzoic acid	7.986	122	169020m	43.449	ng	
33) 4-Chloroaniline	8.310	127	408741	41.236	ng	99
34) Hexachlorobutadiene	8.392	225	182140	41.324	ng	99
35) Caprolactam	8.675	113	88286	43.536	ng	95
36) 4-Chloro-3-methylphenol	8.786	107	306624	42.387	ng	99
37) 2-Methylnaphthalene	8.963	142	597819	40.654	ng	100
38) 1-Methylnaphthalene	9.063	142	624130	40.922	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	293187	40.531	ng	99
41) Hexachlorocyclopentadiene	9.122	237	180819	45.086	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	197565	43.955	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	202658	43.001	ng		99
46) 1,1'-Biphenyl	9.428	154	799467	40.387	ng		100
47) 2-Chloronaphthalene	9.451	162	584687	40.207	ng		100
48) 2-Nitroaniline	9.539	65	185847	43.148	ng		96
49) Acenaphthylene	9.869	152	987106	40.736	ng		99
50) Dimethylphthalate	9.722	163	644618	41.279	ng		100
51) 2,6-Dinitrotoluene	9.780	165	132241	43.156	ng		92
52) Acenaphthene	10.039	154	571724	39.982	ng		99
53) 3-Nitroaniline	9.945	138	160978	47.707	ng		99
54) 2,4-Dinitrophenol	10.051	184	46465	47.113	ng	#	1
55) Dibenzofuran	10.210	168	858944	40.300	ng		100
56) 4-Nitrophenol	10.092	139	122610	45.720	ng		96
57) 2,4-Dinitrotoluene	10.180	165	168227	43.964	ng		99
58) Fluorene	10.557	166	634897	39.732	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	168172	44.902	ng		98
60) Diethylphthalate	10.422	149	637247	42.297	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	313111	40.882	ng		98
62) 4-Nitroaniline	10.557	138	139342	47.486	ng		98
63) Azobenzene	10.704	77	680354	40.833	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	65266	44.754	ng		98
66) n-Nitrosodiphenylamine	10.663	169	563086	40.179	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	189573	41.782	ng		100
68) Hexachlorobenzene	11.104	284	196969	40.915	ng		99
69) Atrazine	11.180	200	158741	44.273	ng		98
70) Pentachlorophenol	11.292	266	118797	44.978	ng		99
71) Phenanthrene	11.516	178	871369	40.469	ng		100
72) Anthracene	11.569	178	887738	40.999	ng		100
73) Carbazole	11.716	167	791886	40.823	ng		99
74) Di-n-butylphthalate	12.051	149	820833	46.099	ng		100
75) Fluoranthene	12.704	202	824497	42.113	ng		100
77) Benzidine	12.816	184	350573	47.827	ng		98
78) Pyrene	12.933	202	820201	41.087	ng		100
80) Butylbenzylphthalate	13.551	149	172390	43.340	ng		100
81) Benzo(a)anthracene	14.121	228	583794	40.719	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	183371	44.044	ng		99
83) Chrysene	14.157	228	530018	40.139	ng		98
84) Bis(2-ethylhexyl)phtha...	14.110	149	239329	40.166	ng		99
85) Di-n-octyl phthalate	14.727	149	424959	38.648	ng		100
87) Indeno(1,2,3-cd)pyrene	17.186	276	744447	42.503	ng		100
88) Benzo(b)fluoranthene	15.192	252	594727	43.782	ng		100
89) Benzo(k)fluoranthene	15.221	252	513977	39.662	ng		99
90) Benzo(a)pyrene	15.574	252	548875	42.724	ng		99
91) Dibenzo(a,h)anthracene	17.203	278	611881	42.735	ng		99
92) Benzo(g,h,i)perylene	17.651	276	632939	43.359	ng		99

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

ICAL Form

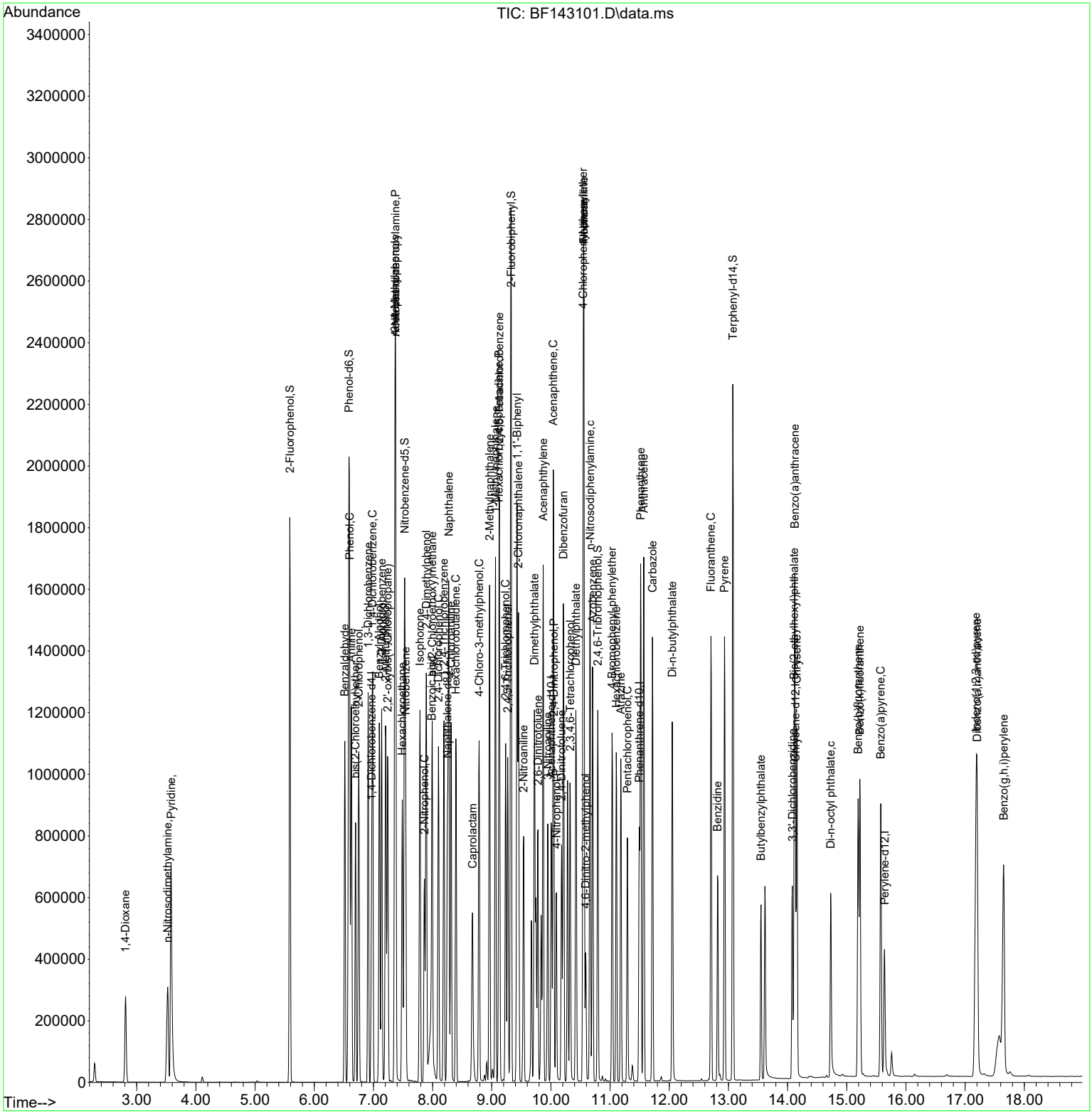
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

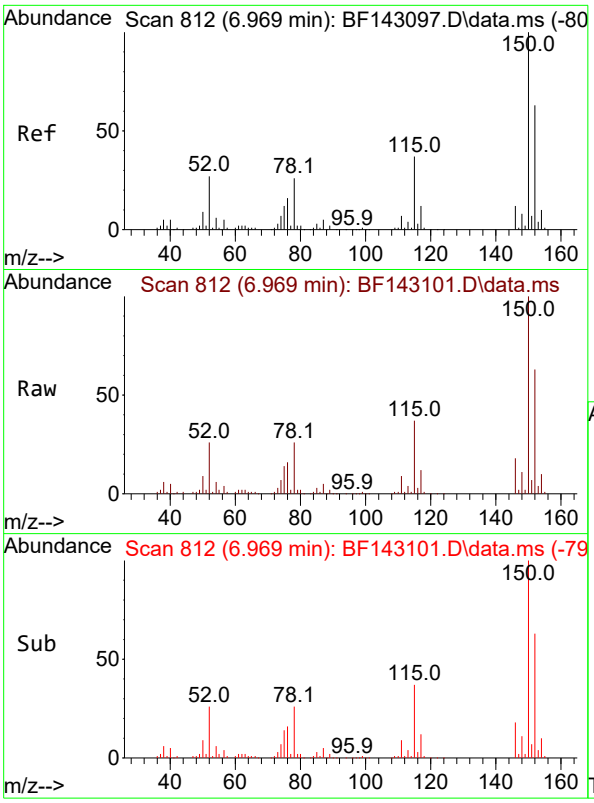
Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

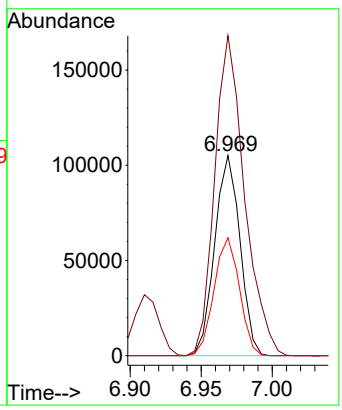




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:152 Resp: 13023

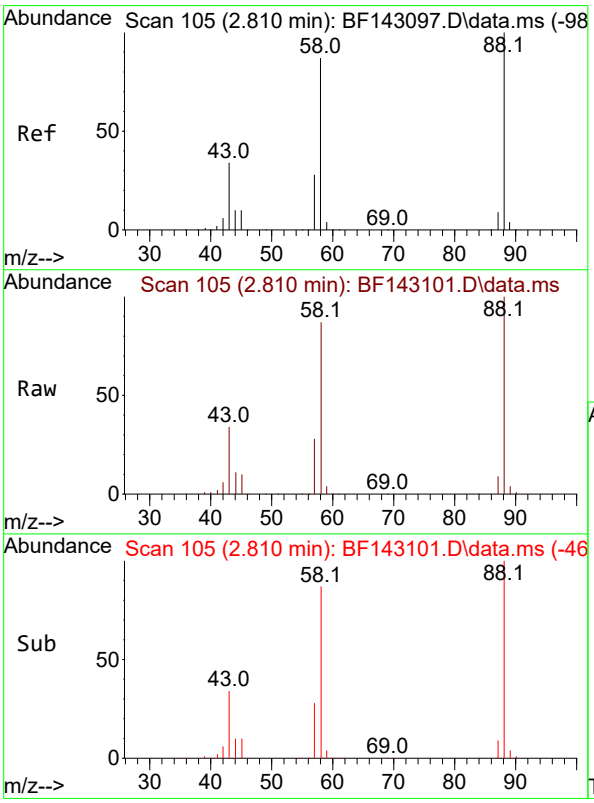
Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.5	189.7
115	58.9	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

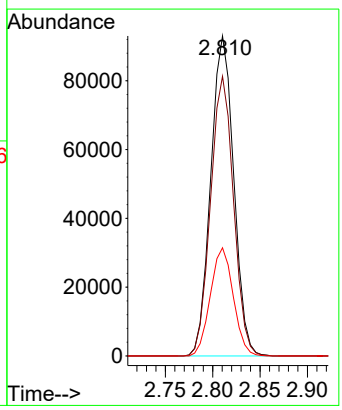
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

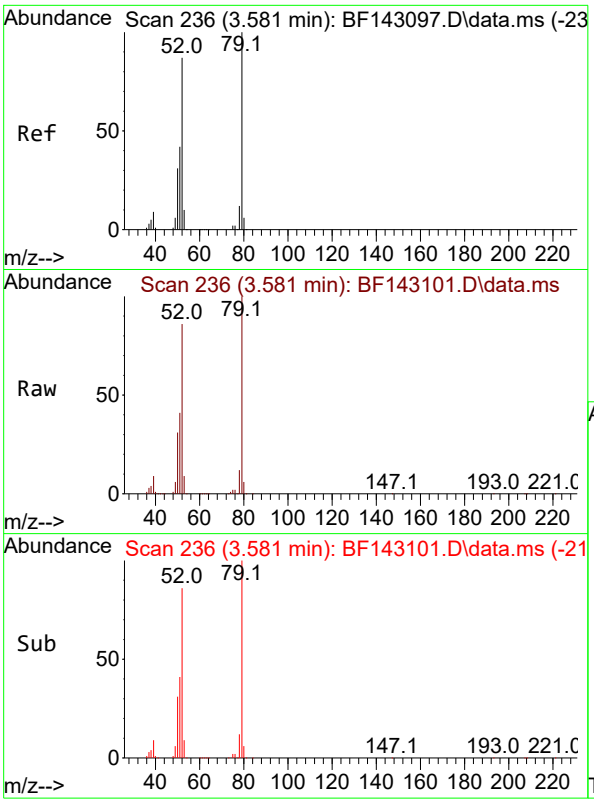


#2
1,4-Dioxane
Concen: 38.242 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 88 Resp: 156917

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.5	105.7
43	33.7	27.3	40.9

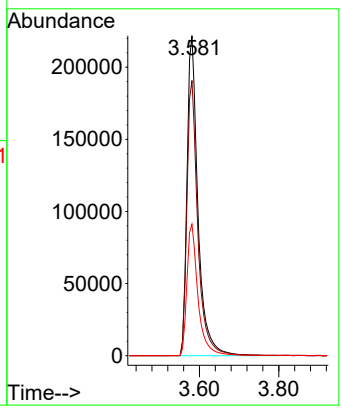




#3
Pyridine
Concen: 41.009 ng
RT: 3.581 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 79 Resp: 42610

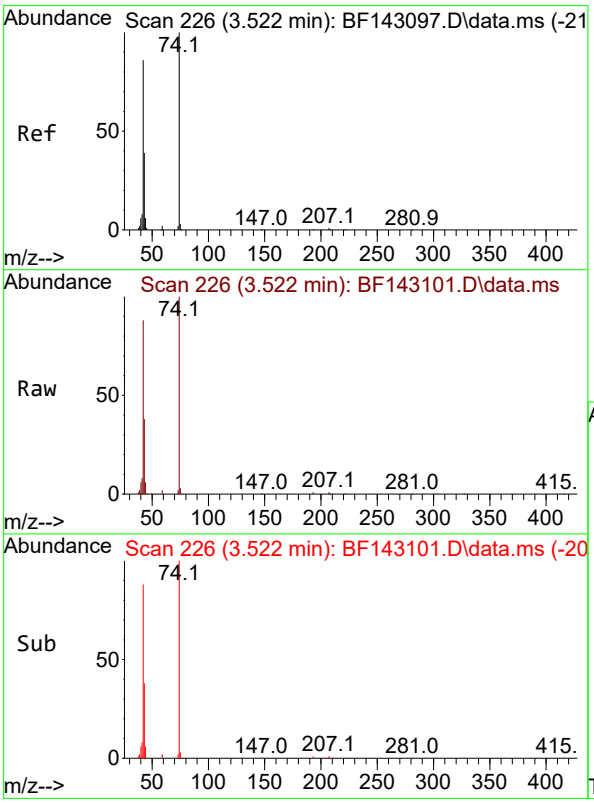
Ion	Ratio	Lower	Upper
79	100		
52	86.0	69.2	103.8
51	41.1	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

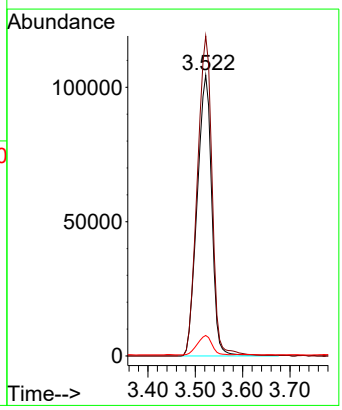
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

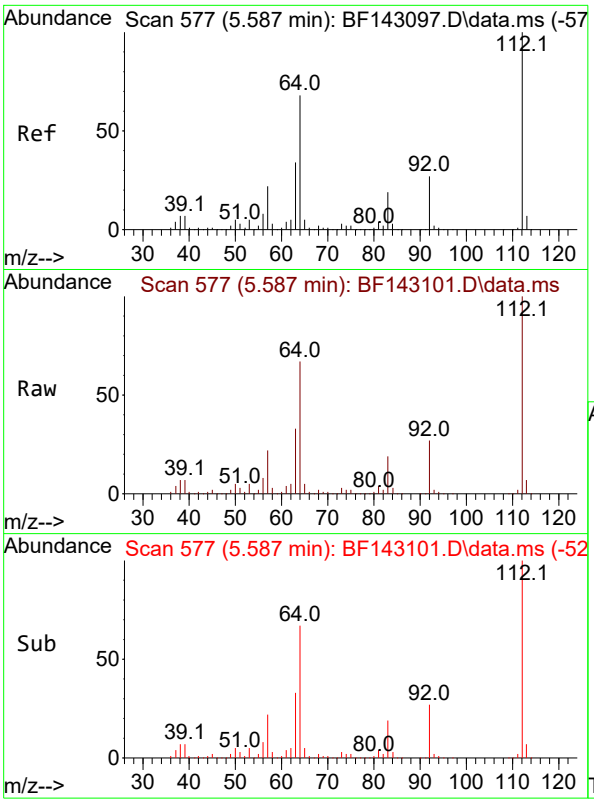


#4
n-Nitrosodimethylamine
Concen: 41.468 ng
RT: 3.522 min Scan# 226
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 42 Resp: 223240

Ion	Ratio	Lower	Upper
42	100		
74	114.0	92.8	139.2
44	7.3	5.8	8.6





#5
2-Fluorophenol
Concen: 78.799 ng
RT: 5.587 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

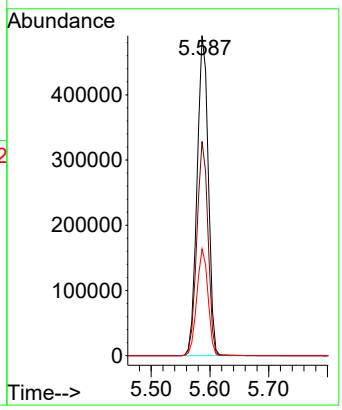
Tgt Ion:112 Resp: 64954

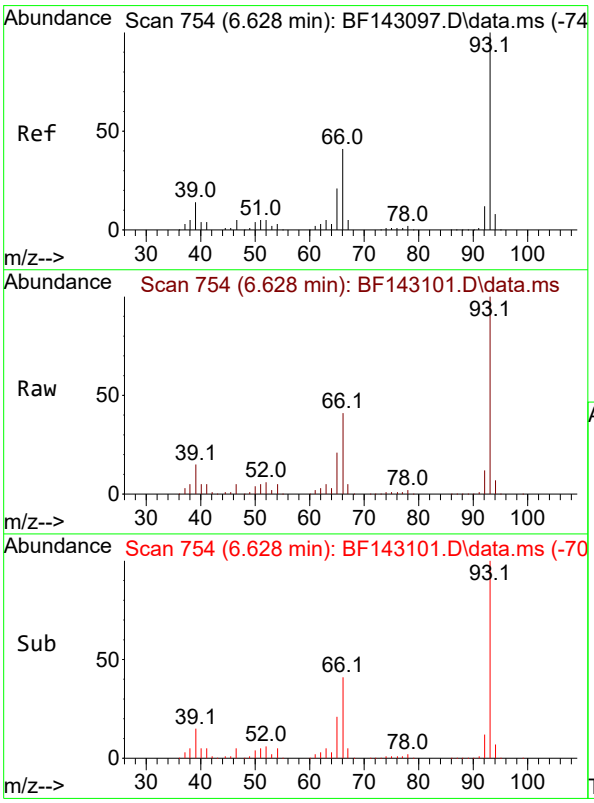
Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.6	82.0
63	33.4	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

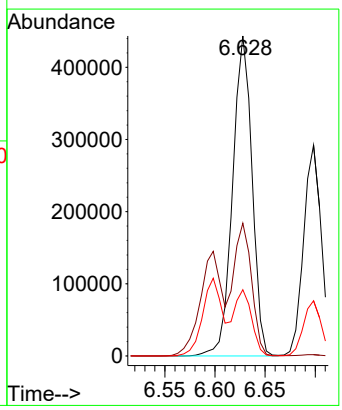


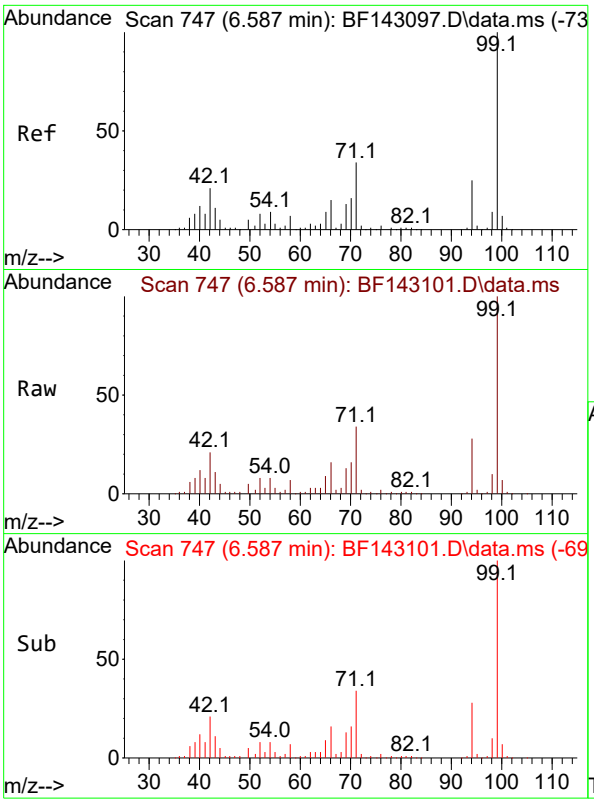


#6
Aniline
Concen: 41.038 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 93 Resp: 598787

Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.1	49.7
65	20.7	16.9	25.3

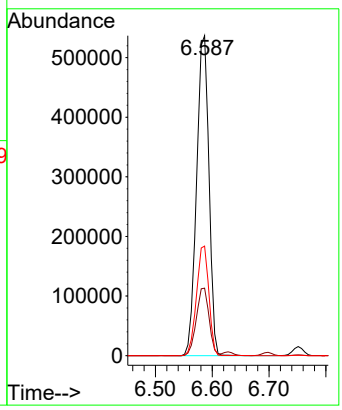




#7
Phenol-d6
Concen: 78.598 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 99 Resp: 81439

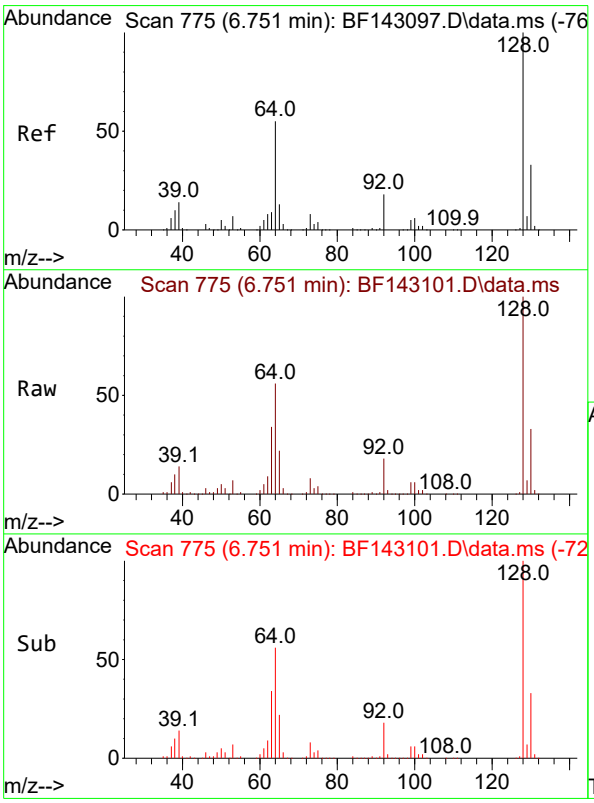
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.2	25.8
71	34.2	27.4	41.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations APPROVED

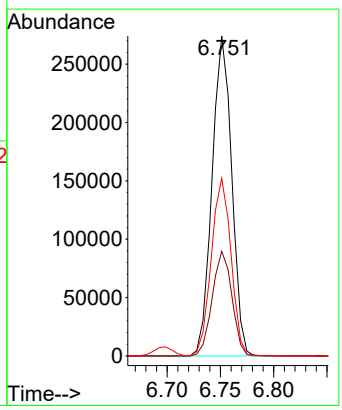
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

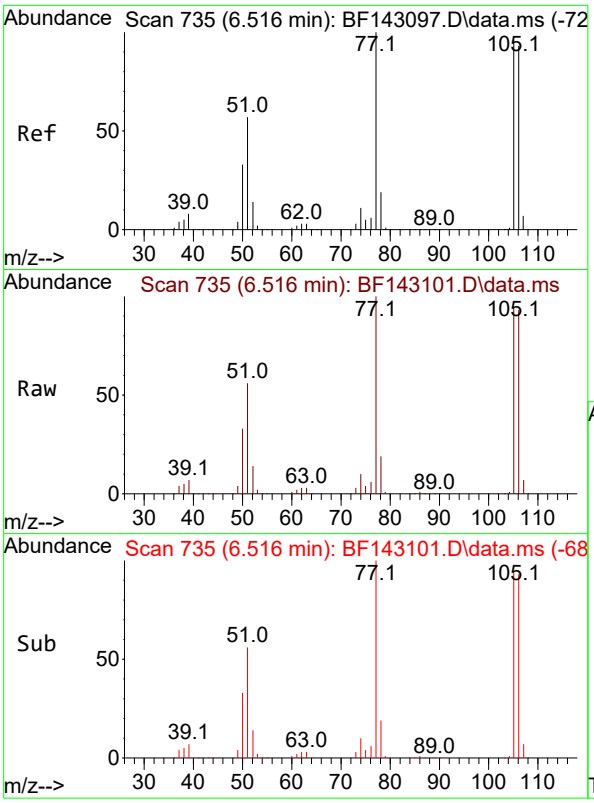


#8
2-Chlorophenol
Concen: 42.397 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:128 Resp: 351129

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	55.5	36.1	76.1

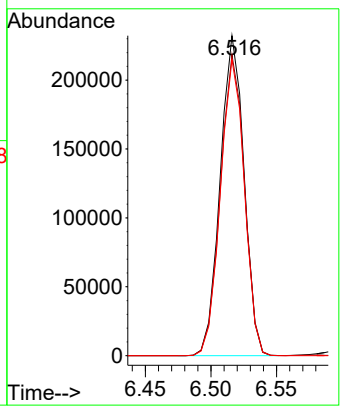




#9
Benzaldehyde
Concen: 37.115 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 77 Resp: 29303

Ion	Ratio	Lower	Upper
77	100		
105	94.0	76.3	116.3
106	92.5	72.8	112.8



Instrument :
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ClientSampleId :
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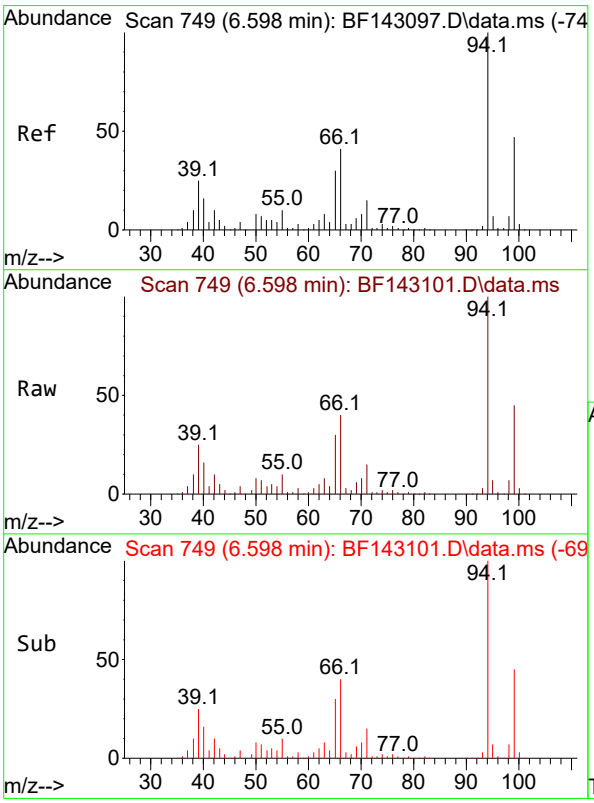
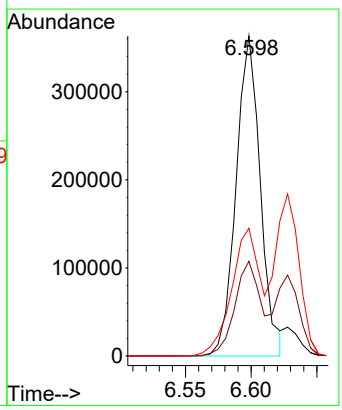
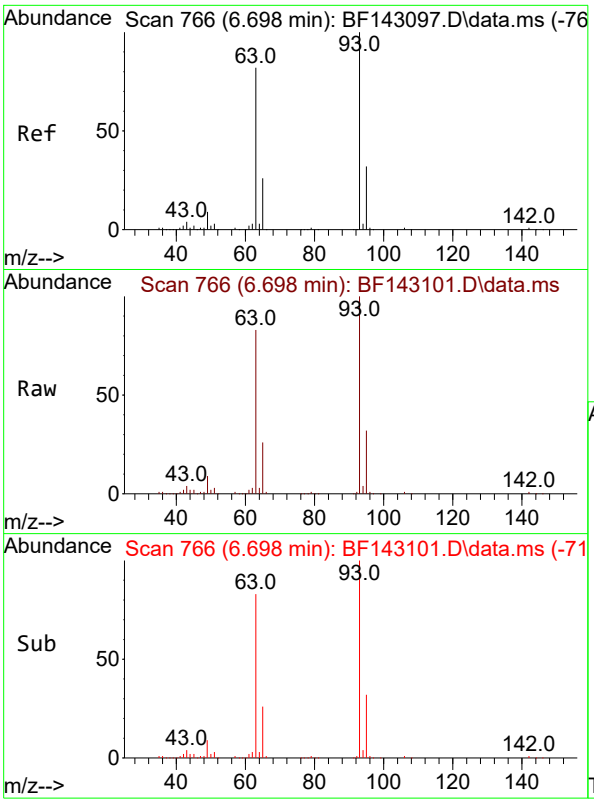


#10
Phenol
Concen: 41.681 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 94 Resp: 467536

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.8	49.8
66	39.9	20.5	60.5

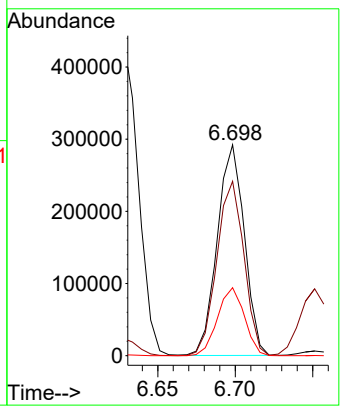




#11
bis(2-Chloroethyl)ether
Concen: 40.848 ng
RT: 6.698 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 93 Resp: 35471

Ion	Ratio	Lower	Upper
93	100		
63	82.7	61.9	101.9
95	32.3	12.2	52.2



Instrument :
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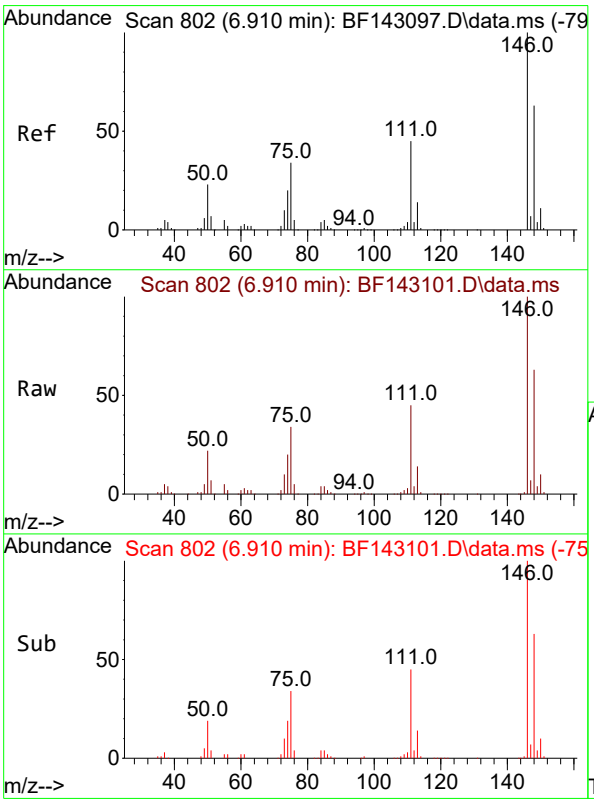
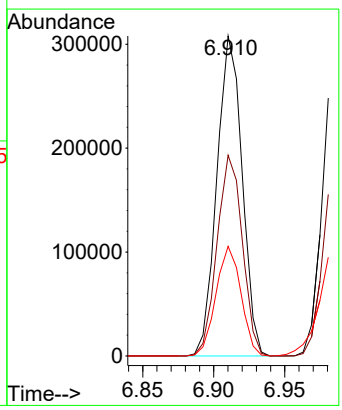
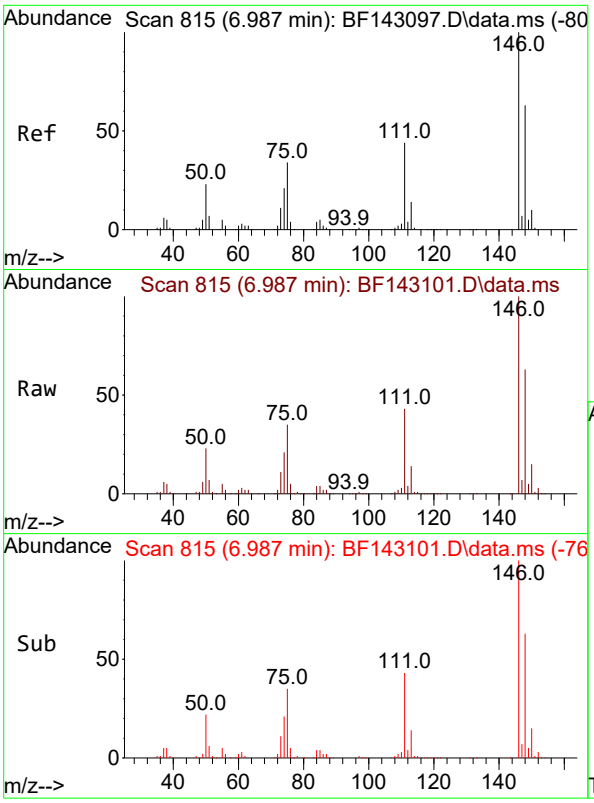


#12
1,3-Dichlorobenzene
Concen: 40.694 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:146 Resp: 380756

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.1	75.1
75	34.2	27.4	41.0

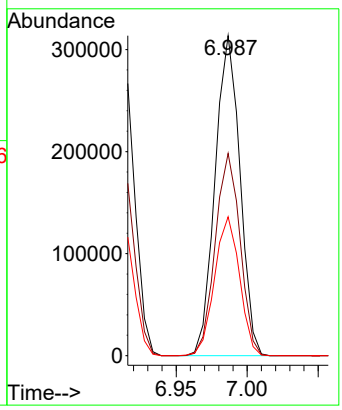




#13
1,4-Dichlorobenzene
Concen: 40.539 ng
RT: 6.987 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:146 Resp: 38159

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	43.4	35.0	52.6



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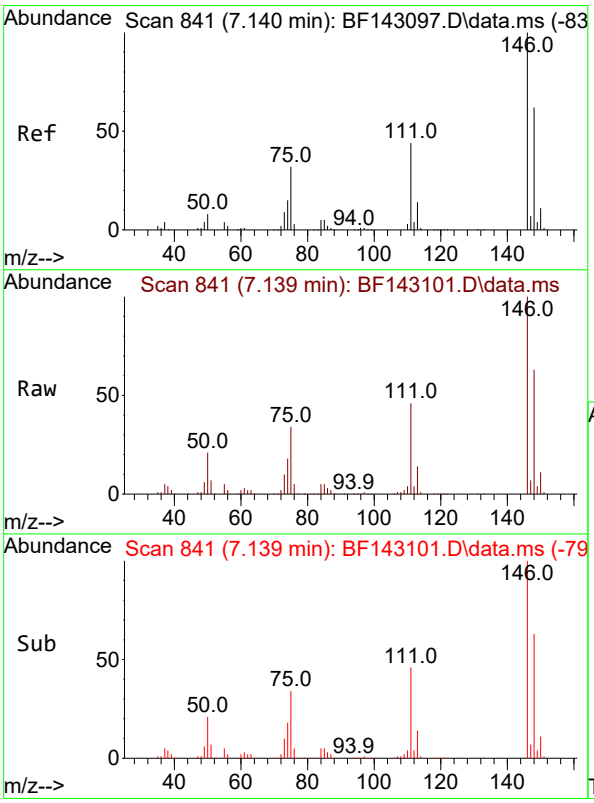
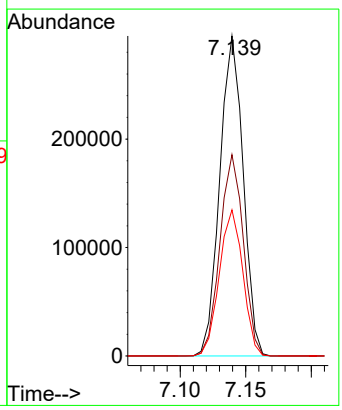
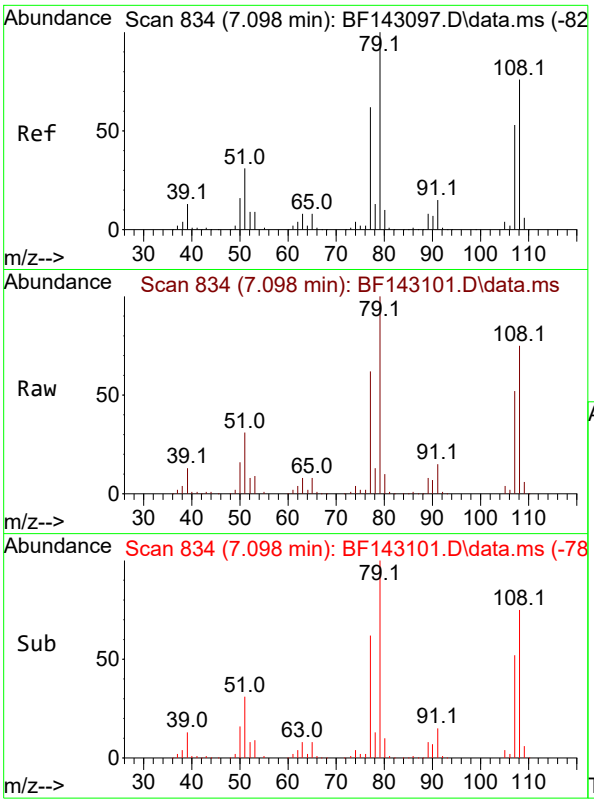


#14
1,2-Dichlorobenzene
Concen: 40.782 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:146 Resp: 366082

Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	45.7	35.4	53.0

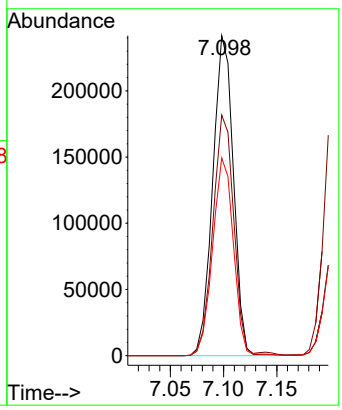




#15
Benzyl Alcohol
Concen: 42.336 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 79 Resp: 32503

Ion	Ratio	Lower	Upper
79	100		
108	75.2	61.1	91.7
77	61.8	49.9	74.9



Instrument :
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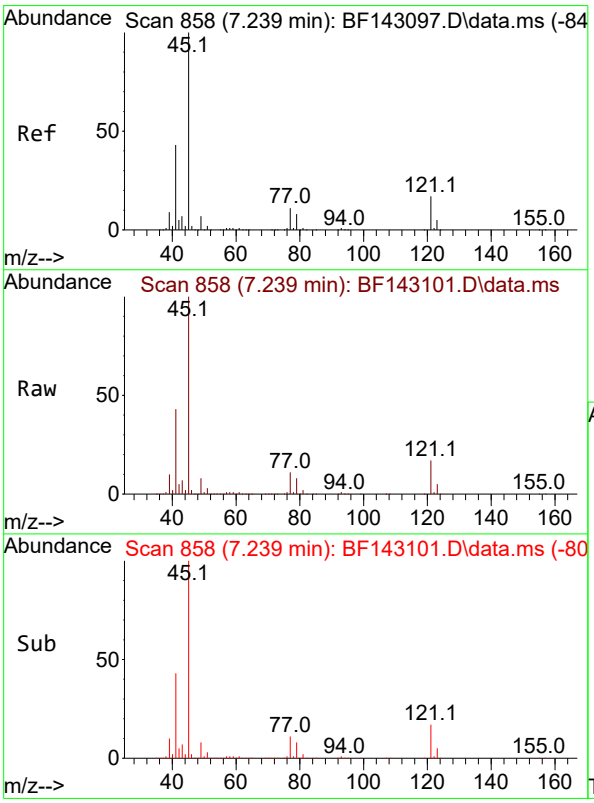
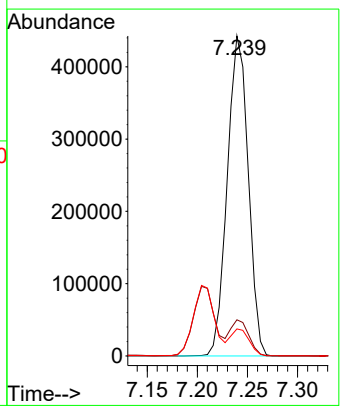
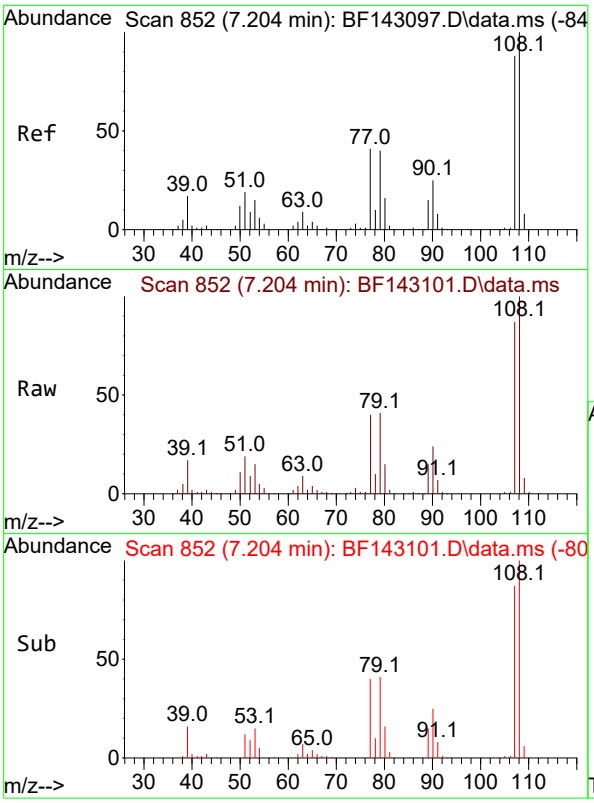


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.273 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 45 Resp: 644651

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.1
79	8.4	0.0	28.4

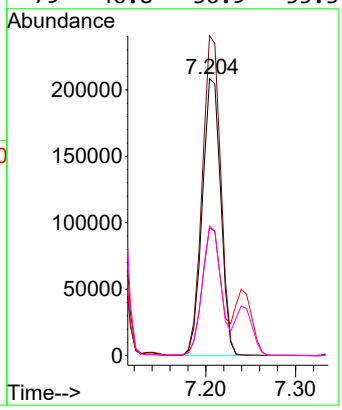




#17
2-Methylphenol
Concen: 41.532 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:107 Resp: 29683

Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.9	136.3
77	46.3	37.5	56.3
79	46.8	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
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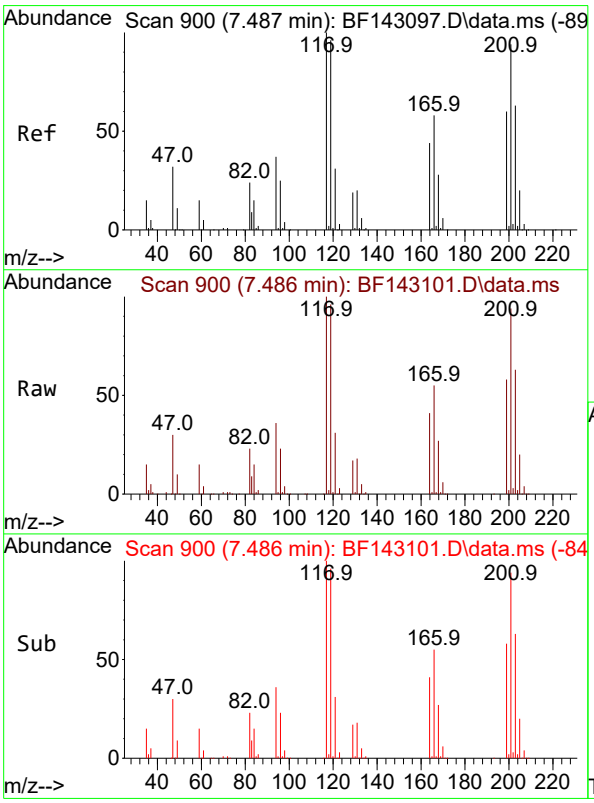
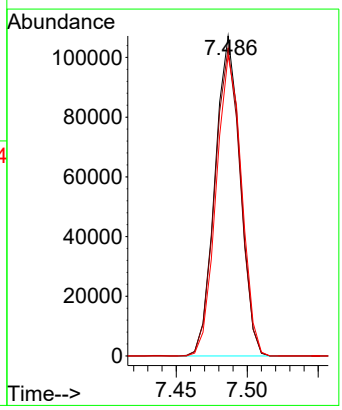
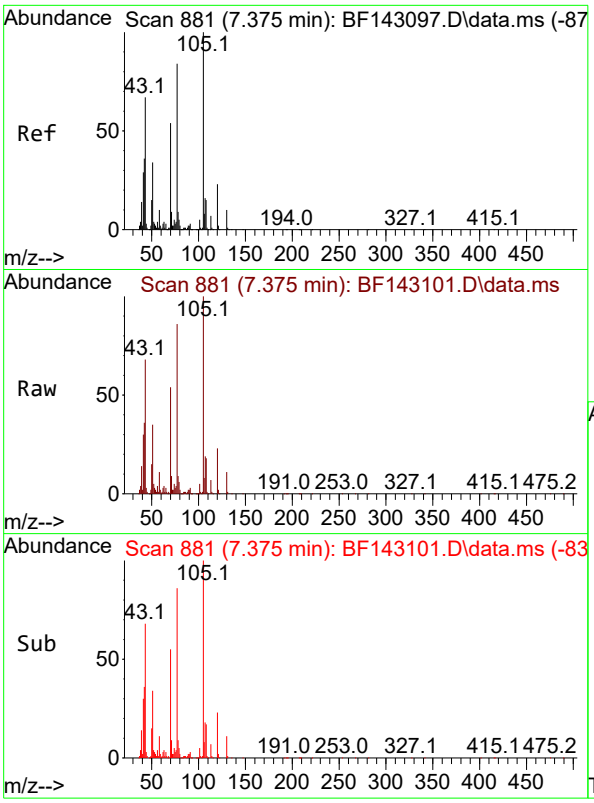


#18
Hexachloroethane
Concen: 43.239 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:117 Resp: 132499

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
201	93.9	75.0	112.4

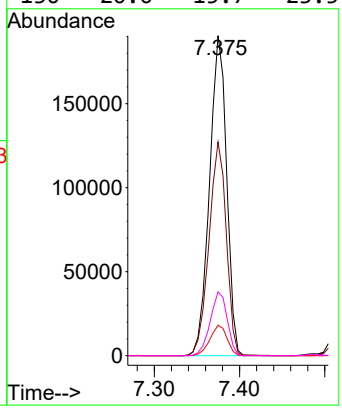




#19
n-Nitroso-di-n-propylamine
Concen: 41.982 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 70 Resp: 26649

Ion	Ratio	Lower	Upper
70	100		
42	66.7	53.2	79.8
101	9.5	7.5	11.3
130	20.0	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
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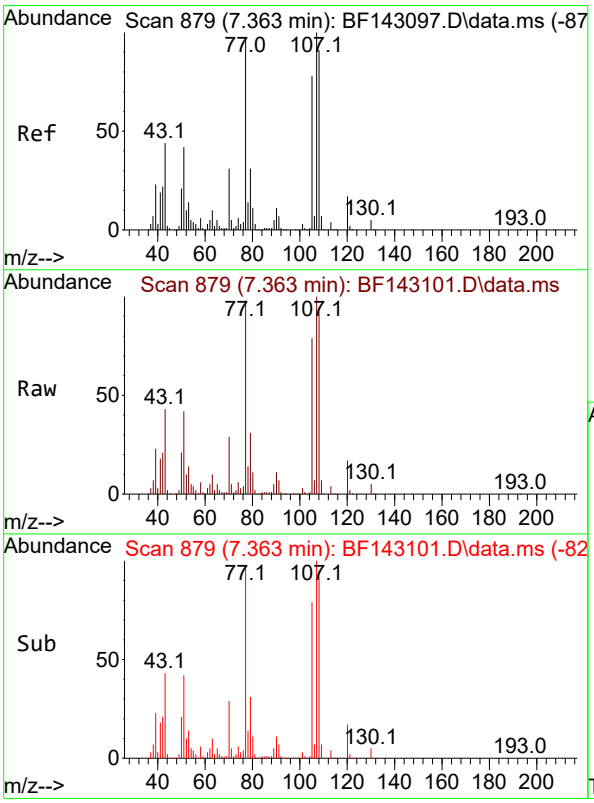
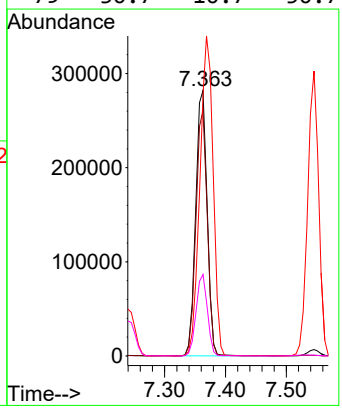
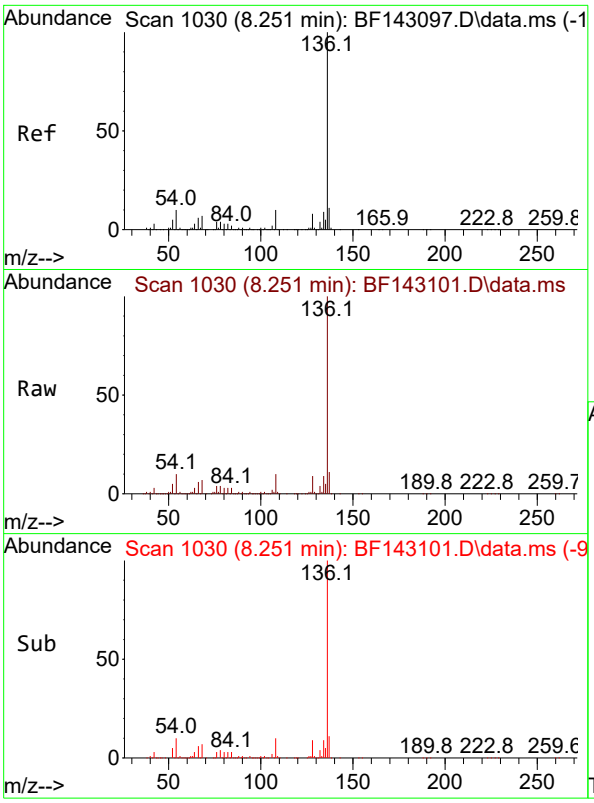


#20
3+4-Methylphenols
Concen: 42.057 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:107 Resp: 368618

Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.3	111.3
77	98.3	77.2	117.2
79	30.7	10.7	50.7

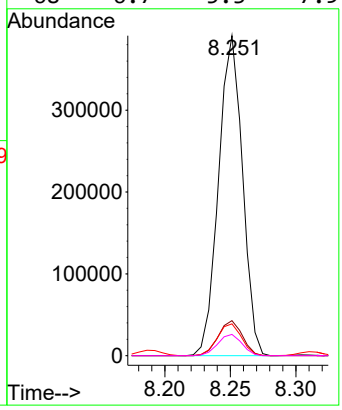




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:136 Resp: 49637

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.9	8.3	12.5
68	6.7	5.3	7.9



Instrument :
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ClientSampleId :
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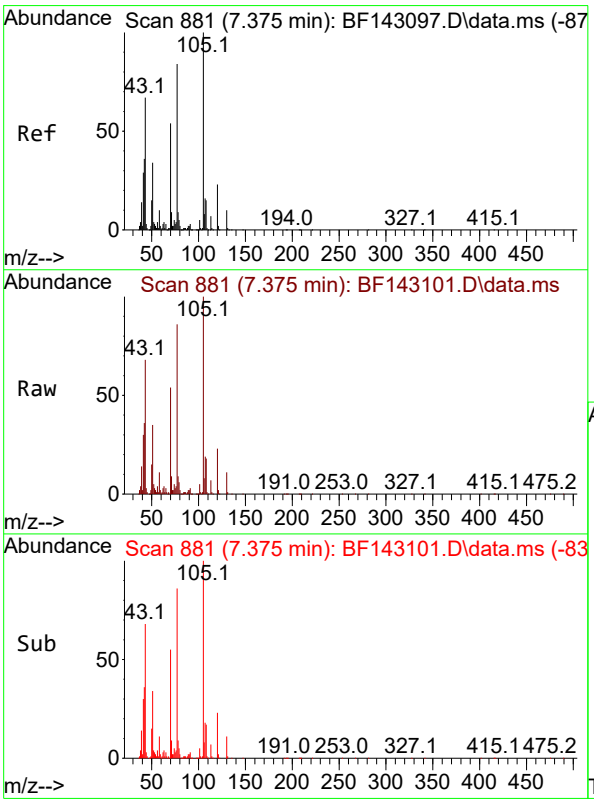
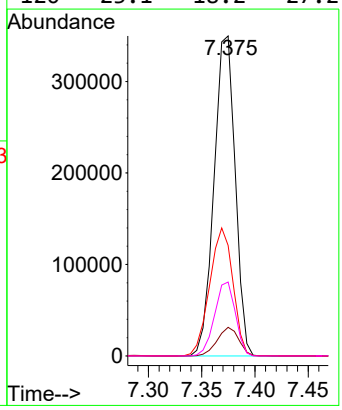
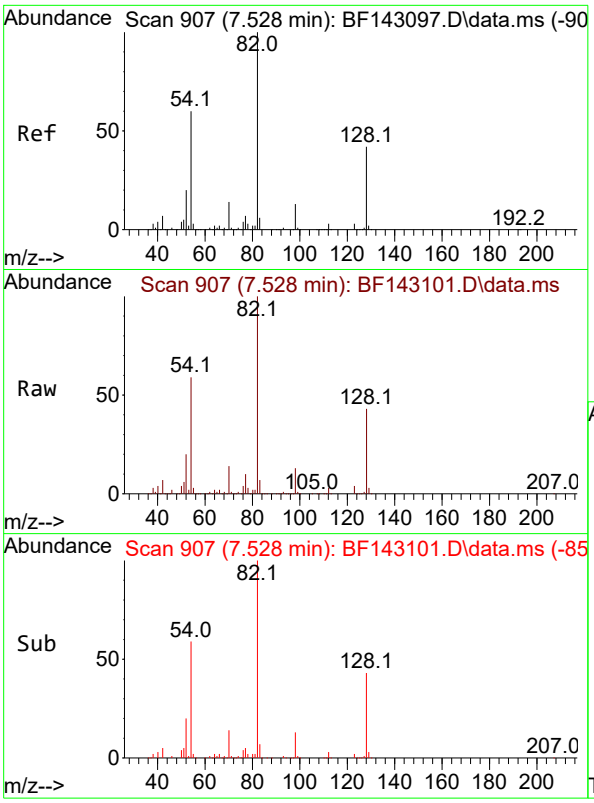


#22
Acetophenone
Concen: 40.351 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:105 Resp: 482823

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	34.6	27.0	40.4
120	23.1	18.2	27.2

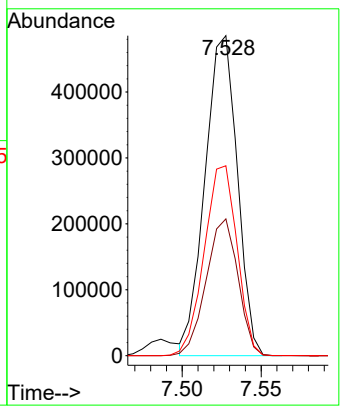




#23
Nitrobenzene-d5
Concen: 78.289 ng m
RT: 7.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 82 Resp: 69273

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	59.4	47.4	71.2



Instrument :
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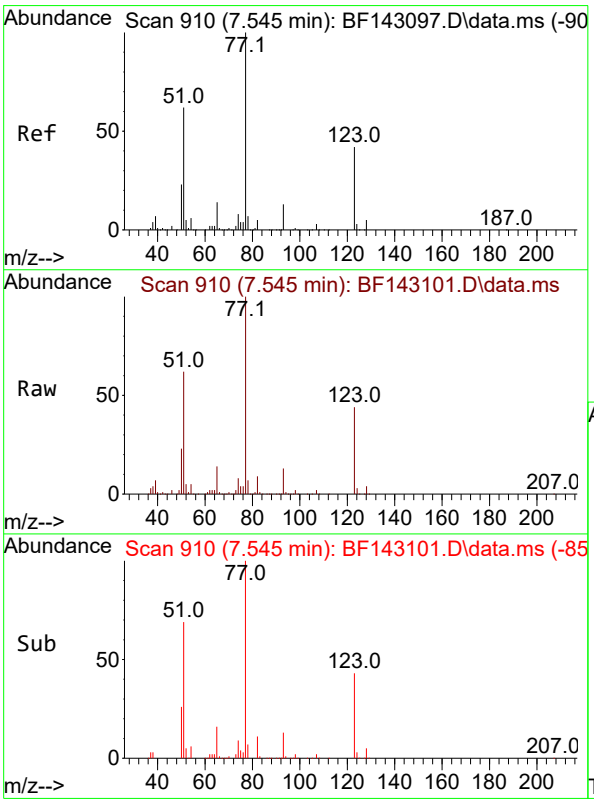
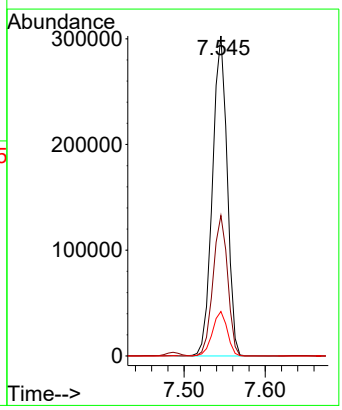
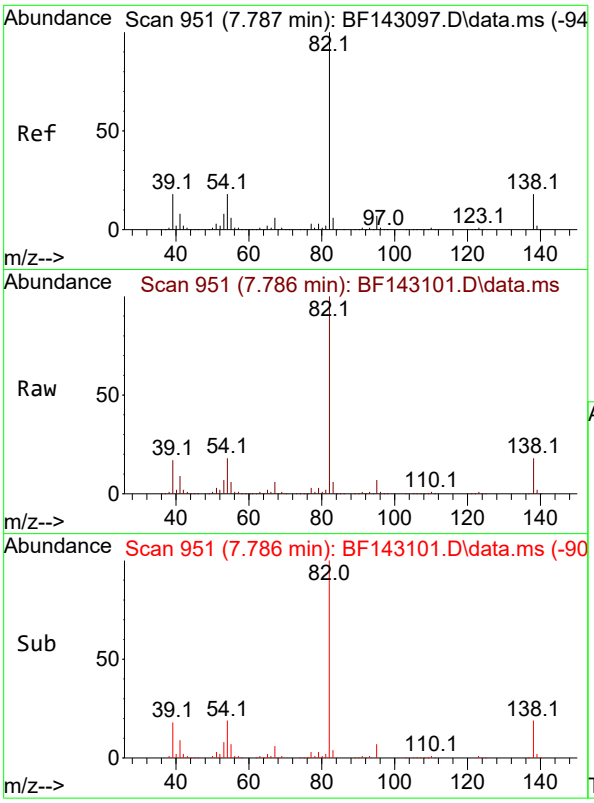


#24
Nitrobenzene
Concen: 44.647 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 77 Resp: 381374

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.5	51.7
65	13.9	11.3	16.9

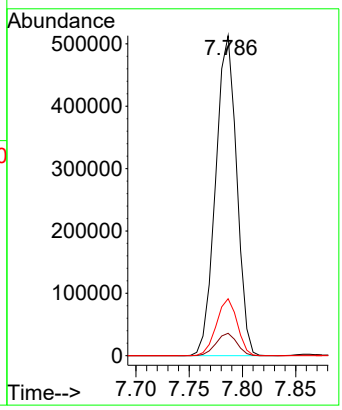




#25
Isophorone
Concen: 41.188 ng
RT: 7.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 82 Resp: 70442

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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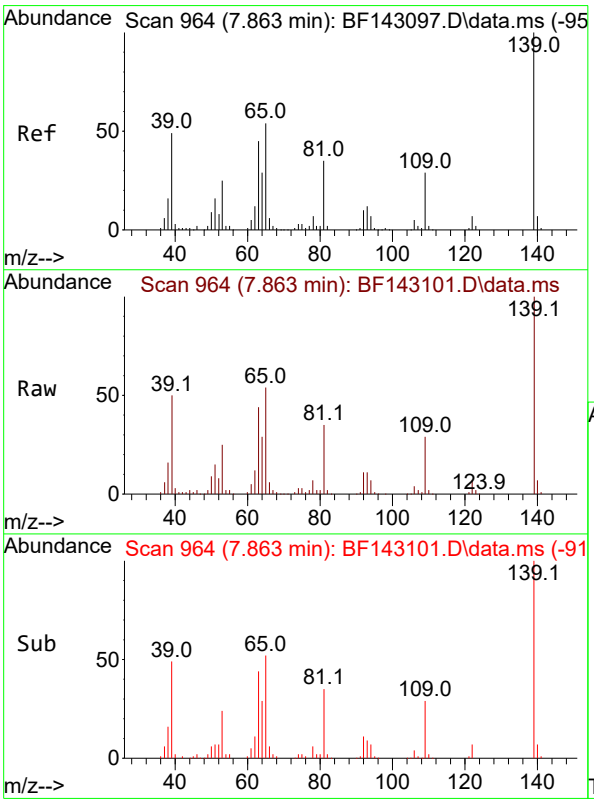
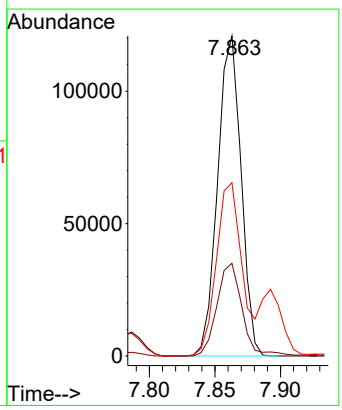
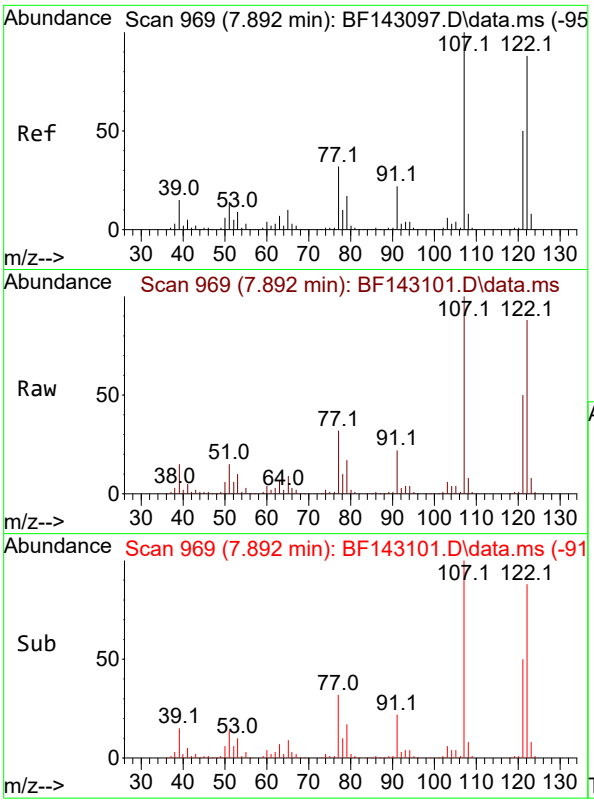


#26
2-Nitrophenol
Concen: 44.317 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:139 Resp: 150156

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.4	35.0
65	54.1	43.4	65.2

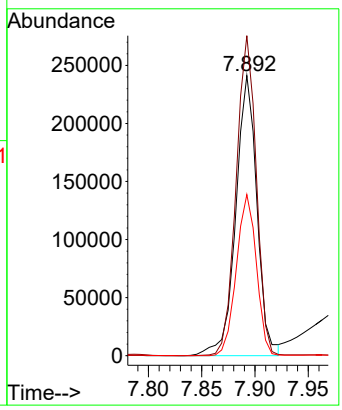




#27
2,4-Dimethylphenol
Concen: 42.064 ng
RT: 7.892 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:122 Resp: 33389

Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.3	136.9
121	57.5	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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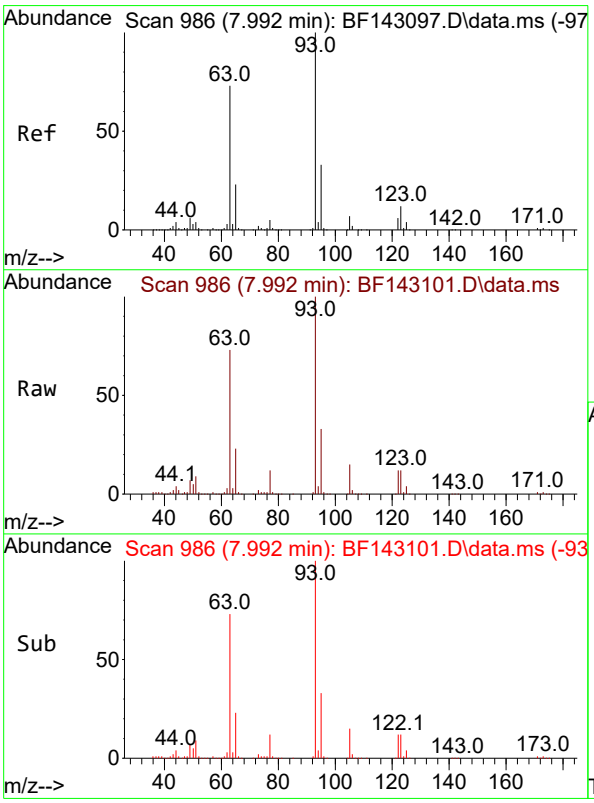
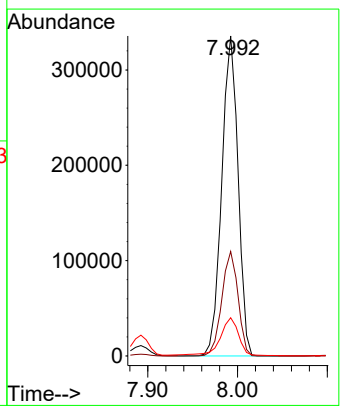
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

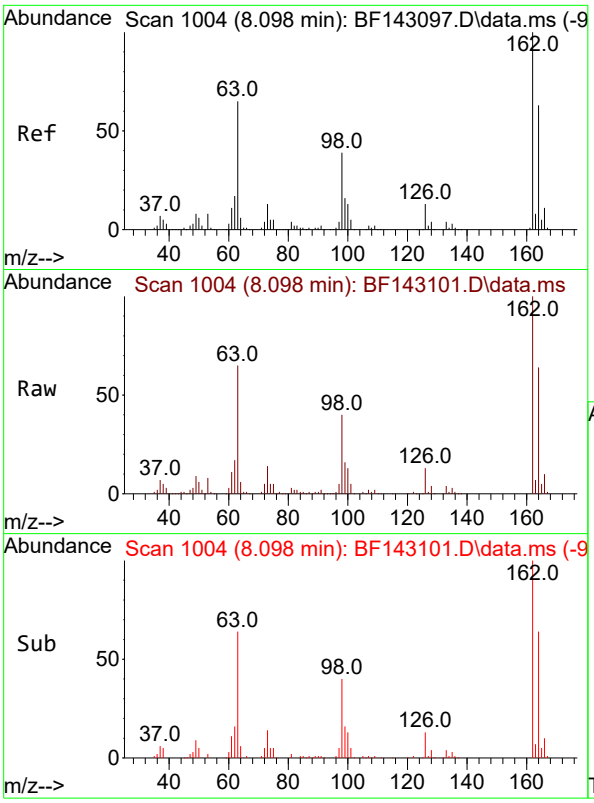


#28
bis(2-Chloroethoxy)methane
Concen: 40.789 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 93 Resp: 423022

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.6	14.4

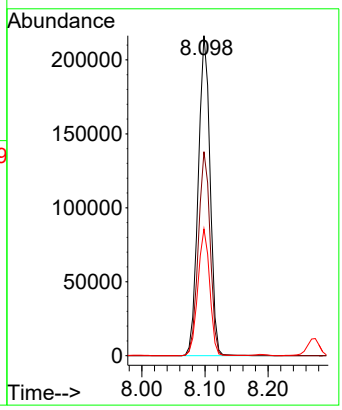




#29
2,4-Dichlorophenol
Concen: 43.580 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:162 Resp: 28301

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.1	83.1
98	39.6	19.2	59.2



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BNA_F
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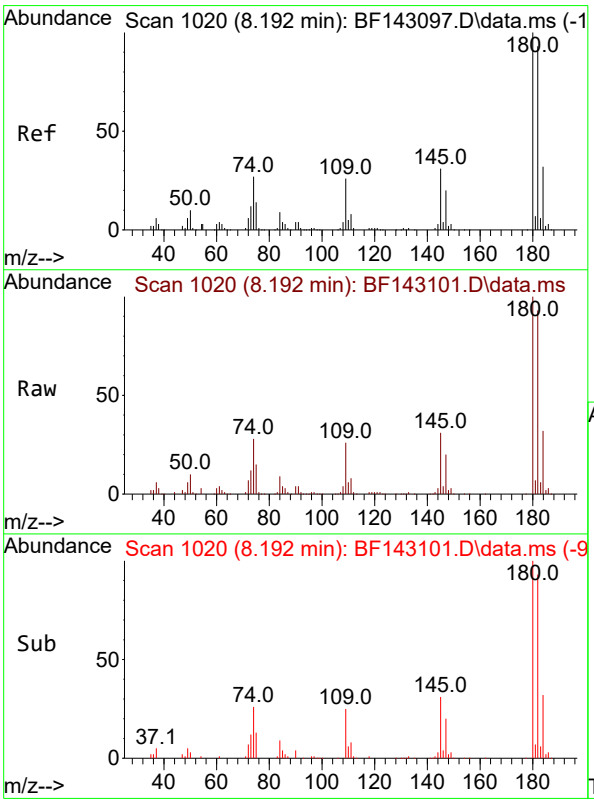
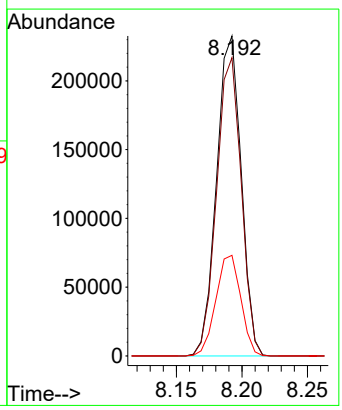
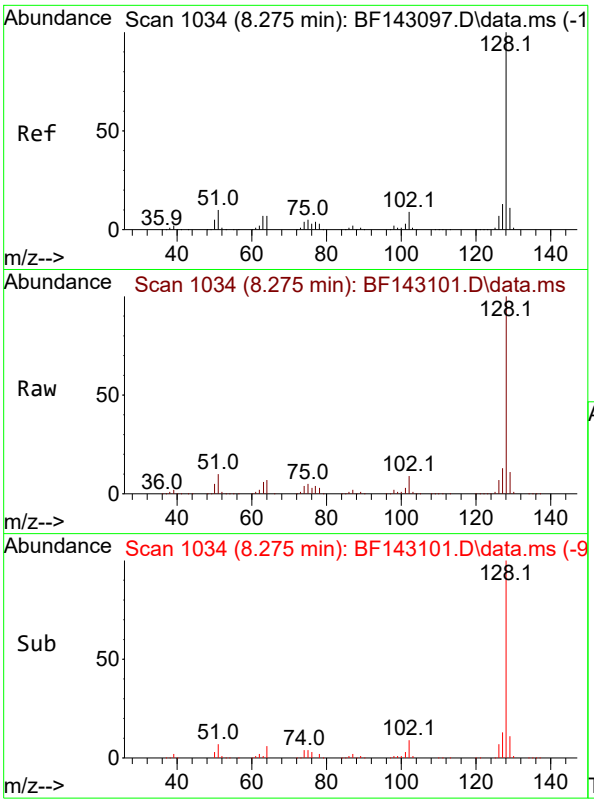


#30
1,2,4-Trichlorobenzene
Concen: 41.194 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:180 Resp: 303602

Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.7	112.1
145	31.4	24.5	36.7

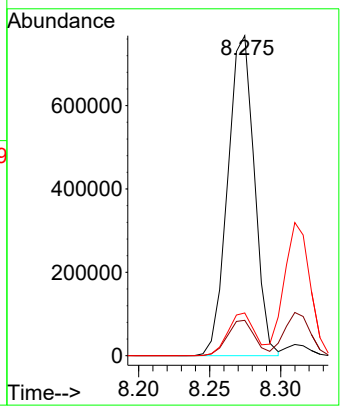




#31
Naphthalene
Concen: 40.543 ng
RT: 8.275 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:128 Resp: 99936

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.3	10.5	15.7



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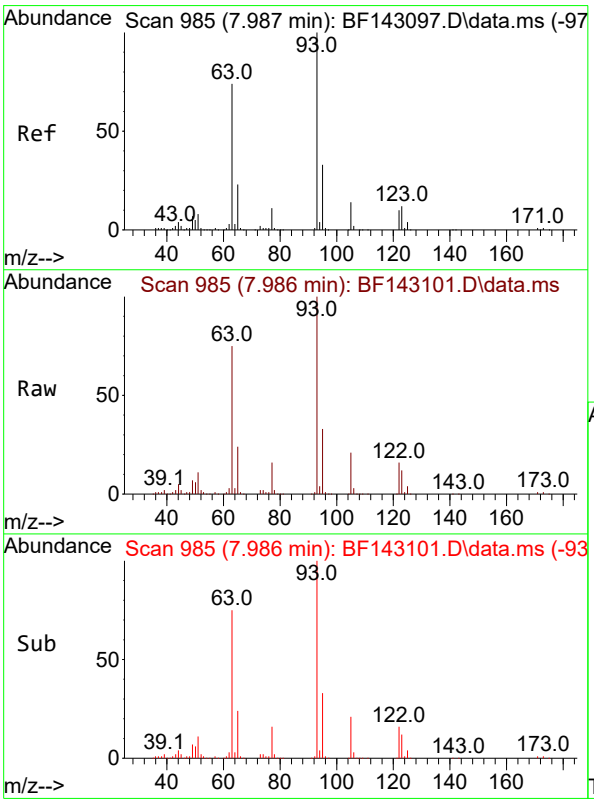
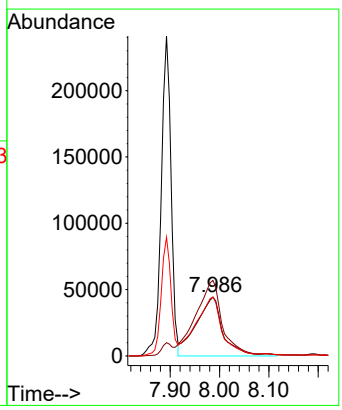
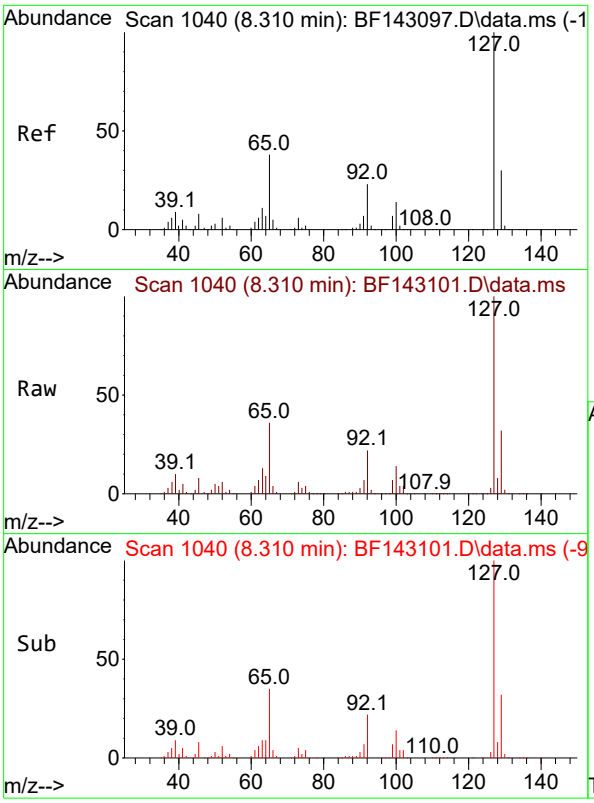


#32
Benzoic acid
Concen: 43.449 ng m
RT: 7.986 min Scan# 985
Delta R.T. -0.001 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:122 Resp: 169020

Ion	Ratio	Lower	Upper
122	100		
105	128.4	105.4	145.4
77	100.3	78.6	118.6

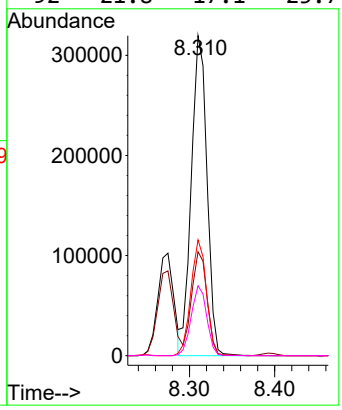




#33
4-Chloroaniline
Concen: 41.236 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:127 Resp: 40874

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	36.2	28.6	42.8
92	21.8	17.1	25.7



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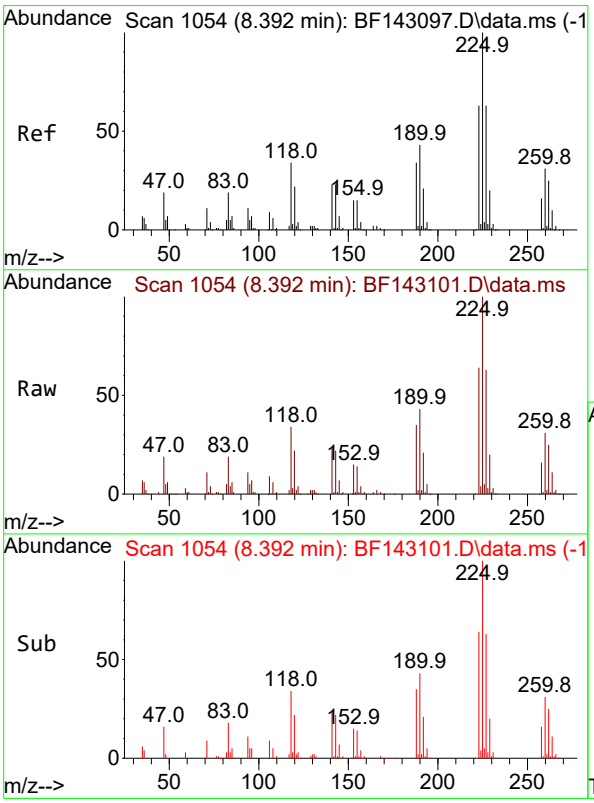
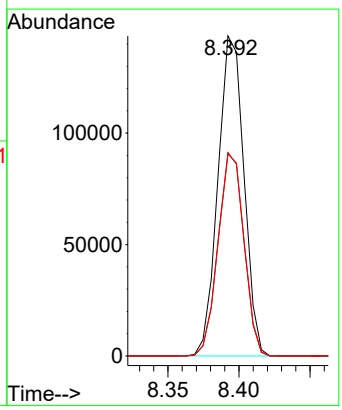
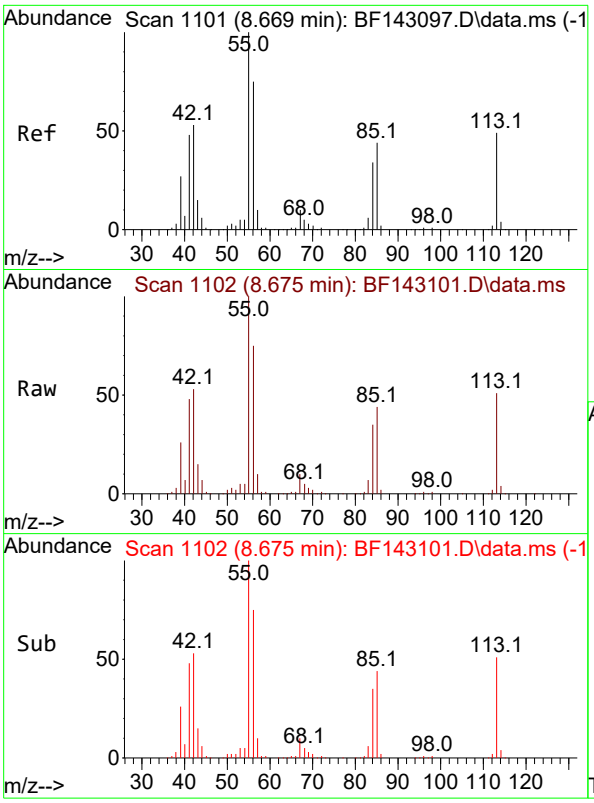


#34
Hexachlorobutadiene
Concen: 41.324 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:225 Resp: 182140

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	63.1	50.1	75.1

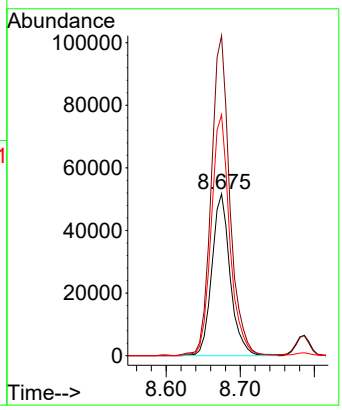




#35
Caprolactam
Concen: 43.536 ng
RT: 8.675 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:113 Resp: 8828

Ion	Ratio	Lower	Upper
113	100		
55	197.8	186.2	226.2
56	148.9	134.1	174.1



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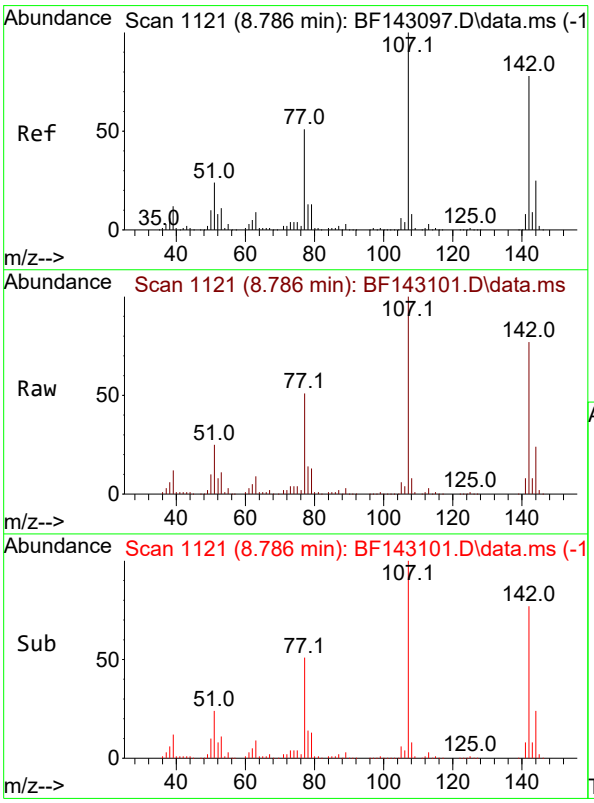
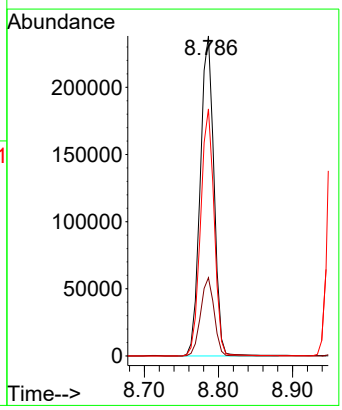
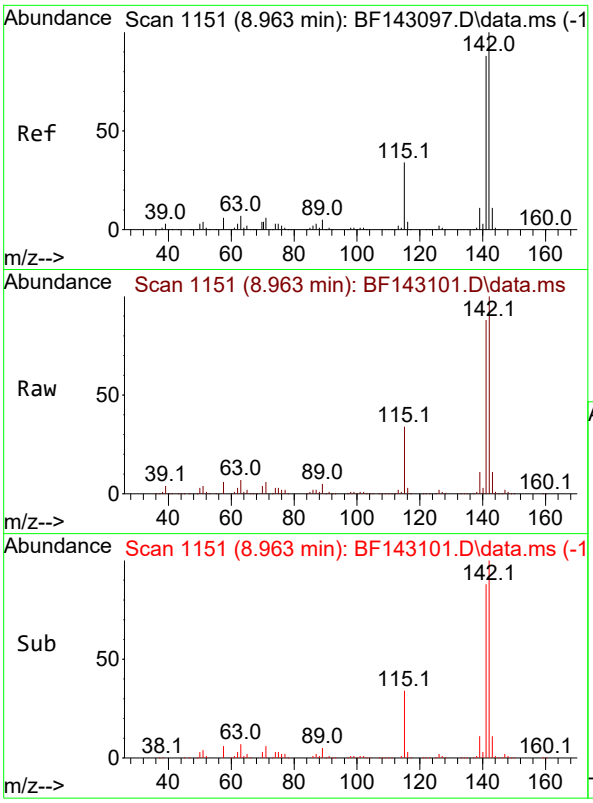


#36
4-Chloro-3-methylphenol
Concen: 42.387 ng
RT: 8.786 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:107 Resp: 306624

Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.2	30.2
142	77.2	62.4	93.6





#37
2-Methylnaphthalene
Concen: 40.654 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:142 Resp: 59781

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.2

Instrument :
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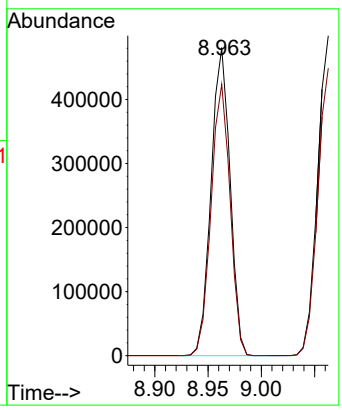
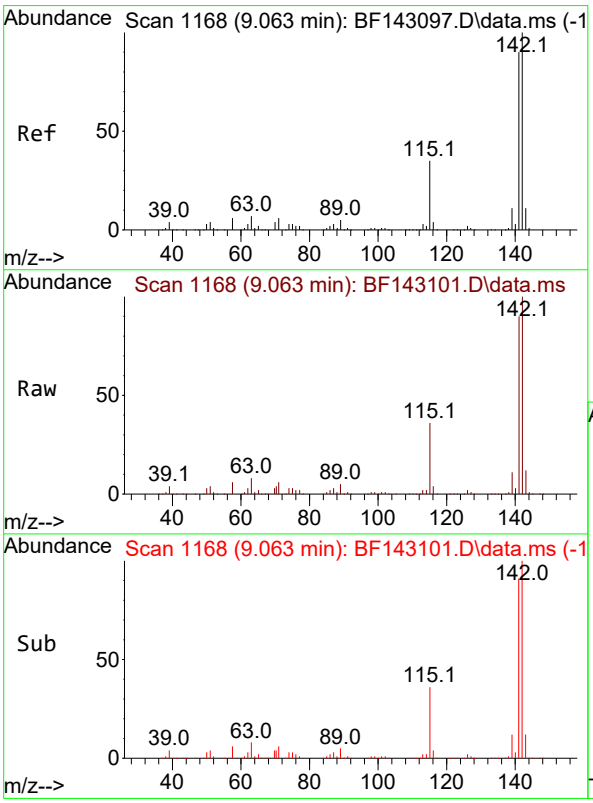
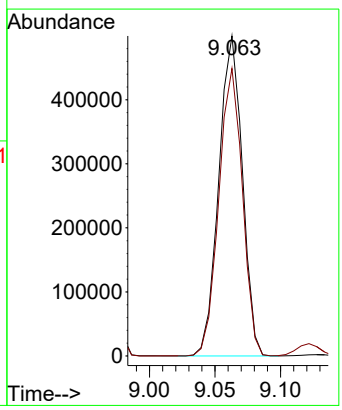


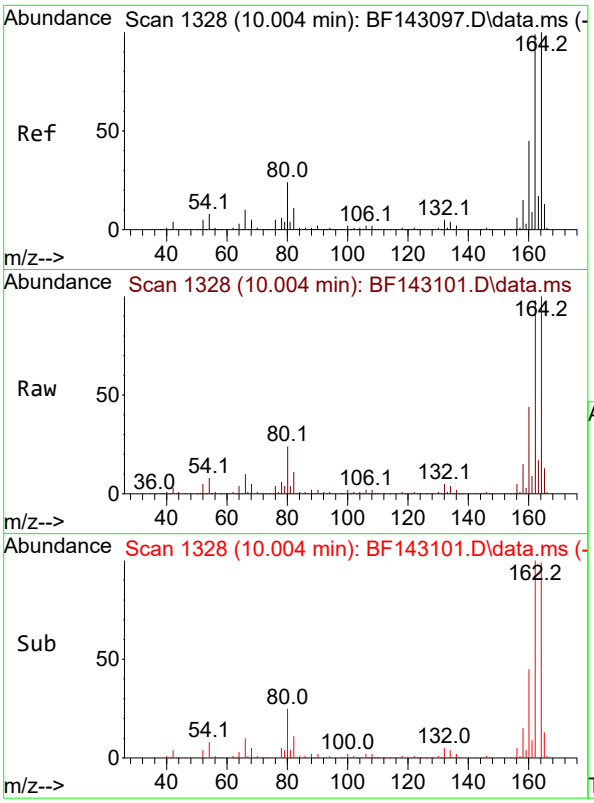


#38
1-Methylnaphthalene
Concen: 40.922 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:142 Resp: 624130

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4

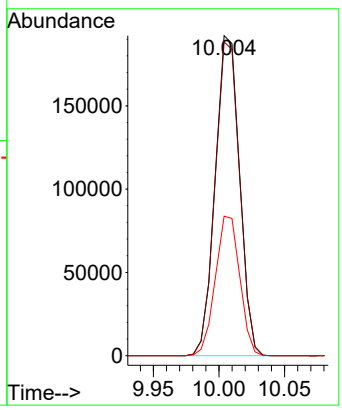




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:164 Resp: 24822

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.0	118.6
160	43.6	35.8	53.6



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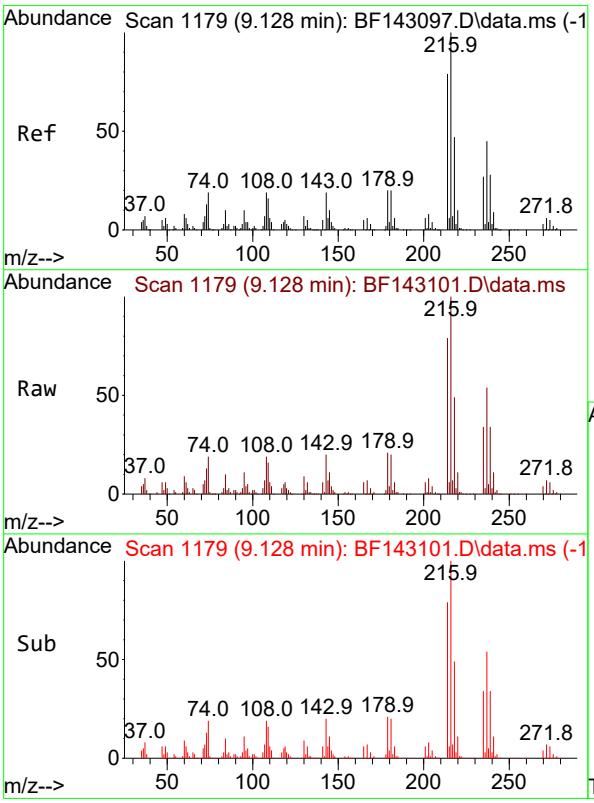
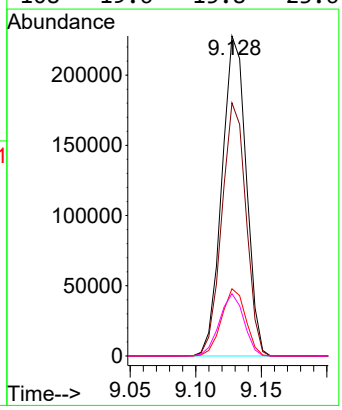
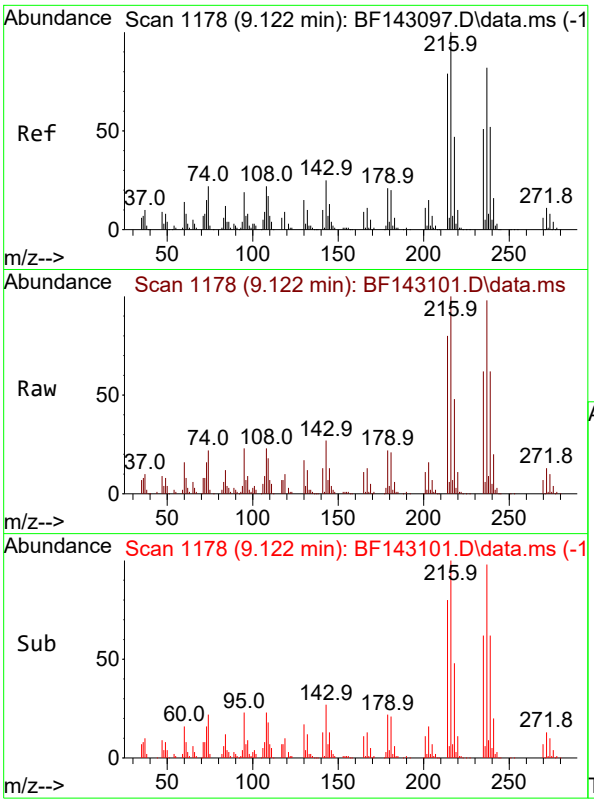


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.531 ng
RT: 9.128 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:216 Resp: 293187

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	94.0
179	20.8	16.2	24.2
108	19.6	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 45.086 ng
RT: 9.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:237 Resp: 18081

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.6	81.6
272	13.0	0.0	32.9

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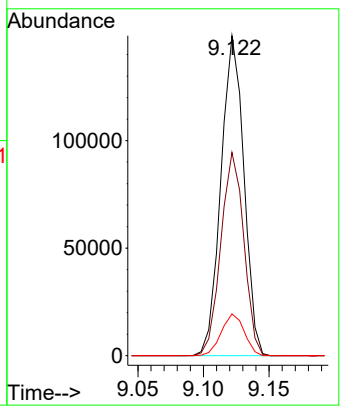
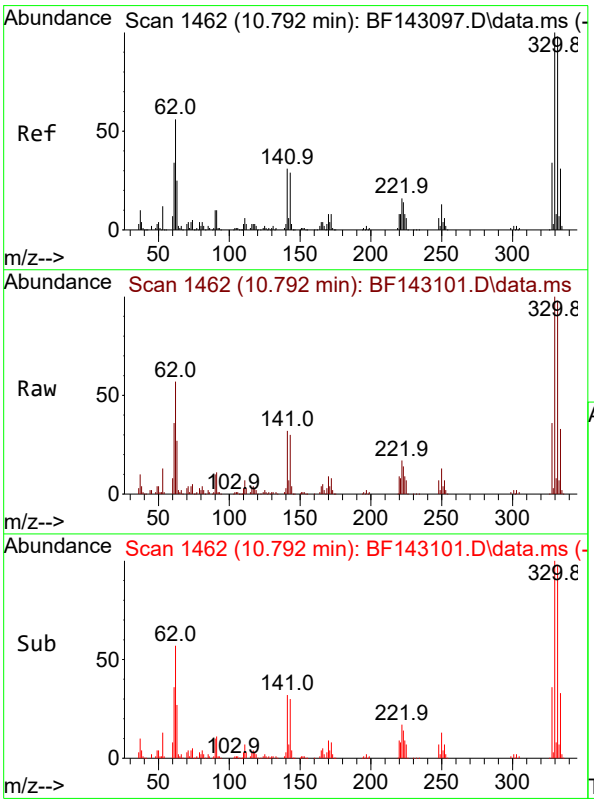
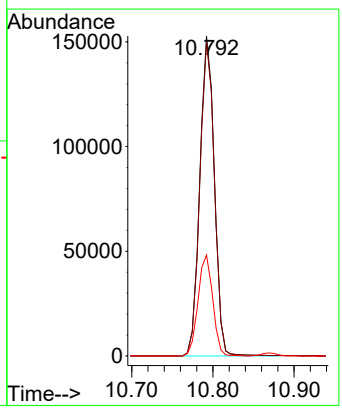


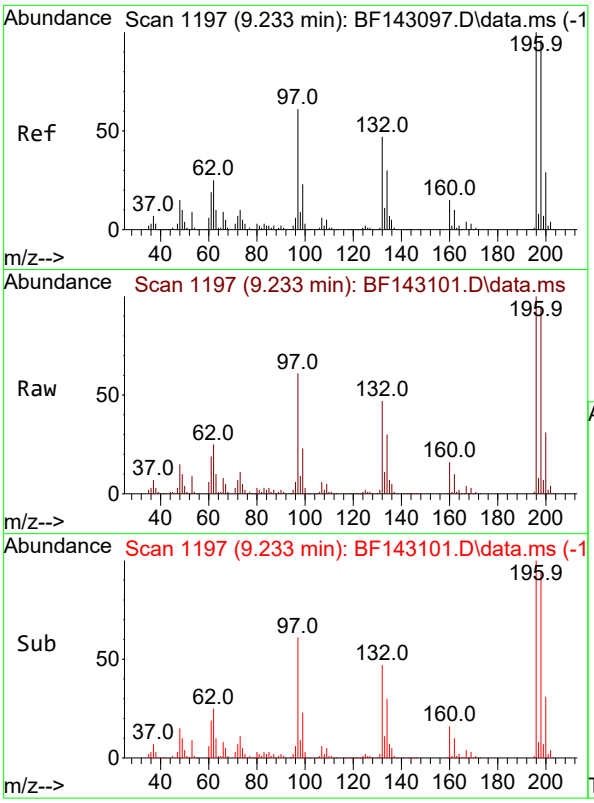


#42
2,4,6-Tribromophenol
Concen: 85.971 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:330 Resp: 190277

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.9	116.9
141	31.8	25.9	38.9

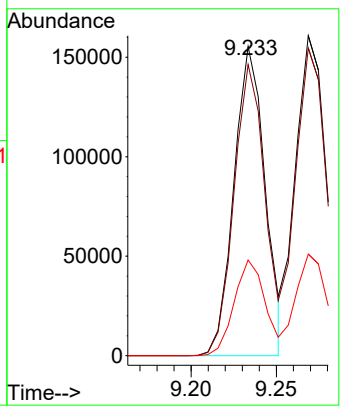




#43
2,4,6-Trichlorophenol
Concen: 43.955 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:196 Resp: 19756

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.9	115.3
200	30.9	23.5	35.3



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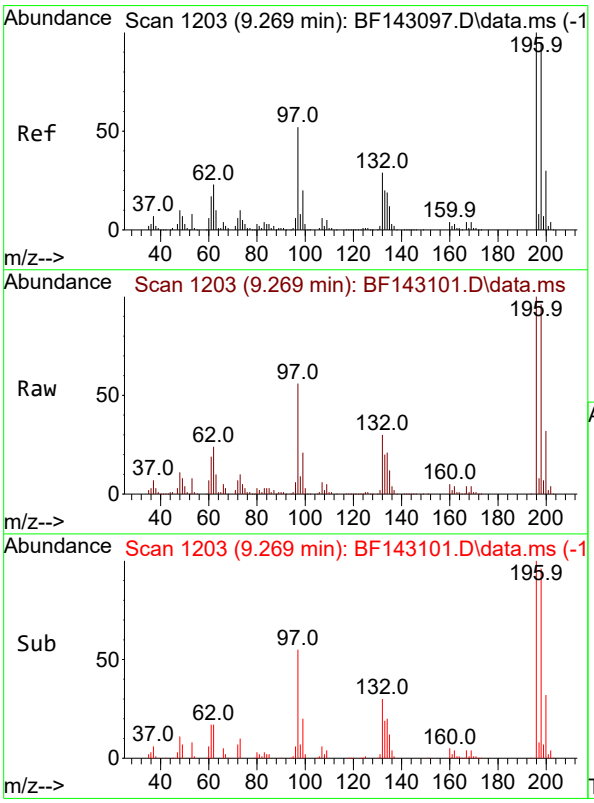
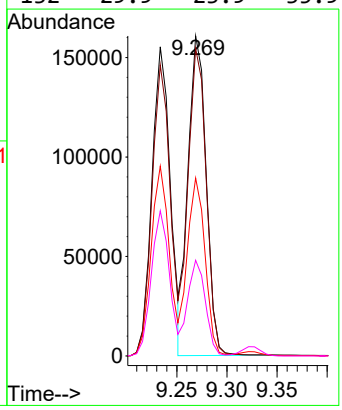
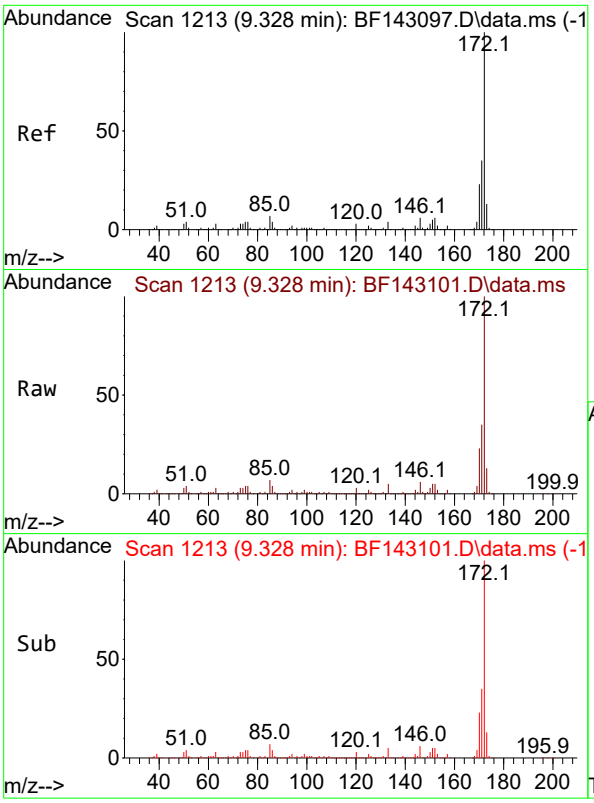


#44
2,4,5-Trichlorophenol
Concen: 43.001 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:196 Resp: 202658

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.4	114.6
97	55.6	42.4	63.6
132	29.9	23.9	35.9

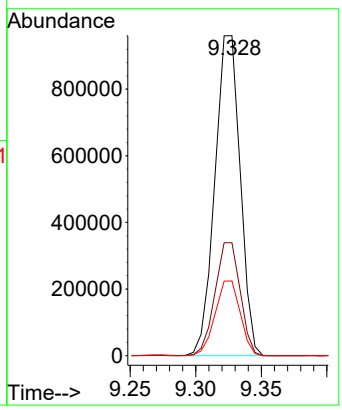




#45
2-Fluorobiphenyl
Concen: 69.090 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:172 Resp: 129014

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.4	18.6	28.0



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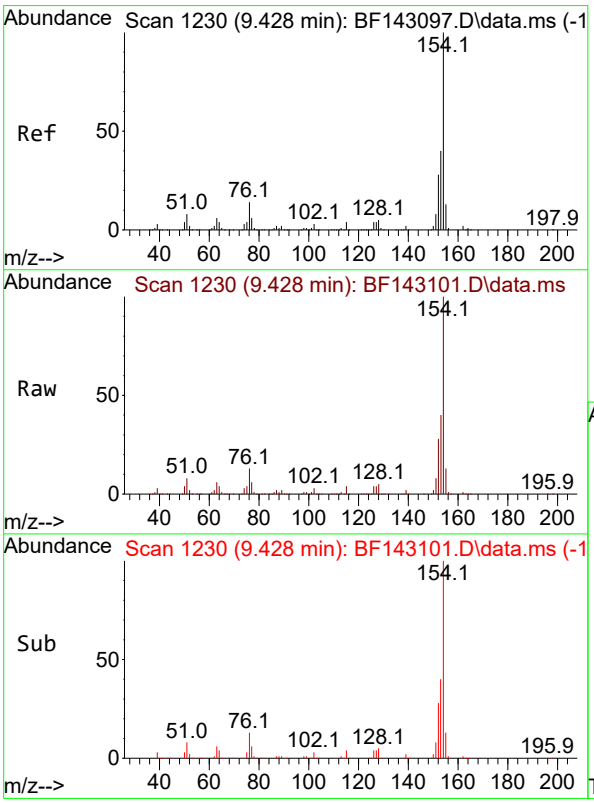
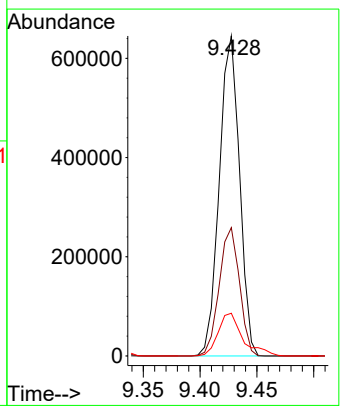
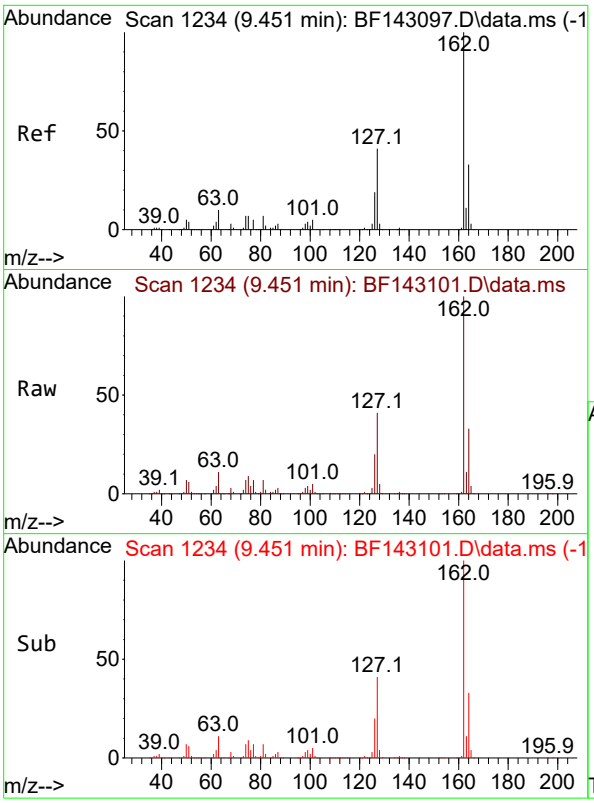


#46
1,1'-Biphenyl
Concen: 40.387 ng
RT: 9.428 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:154 Resp: 799467

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	13.4	0.0	33.7

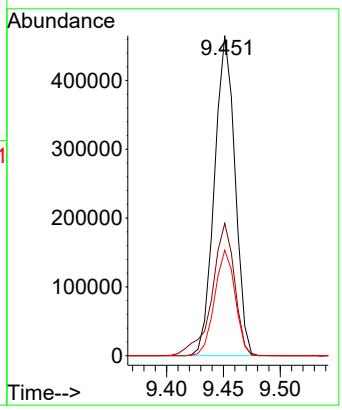




#47
2-Chloronaphthalene
Concen: 40.207 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:162 Resp: 58468

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.0	49.6
164	33.0	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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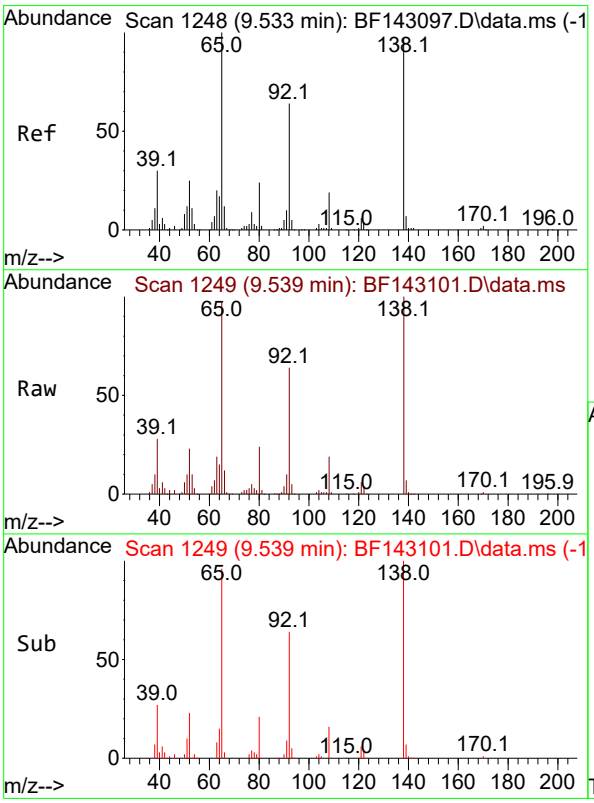
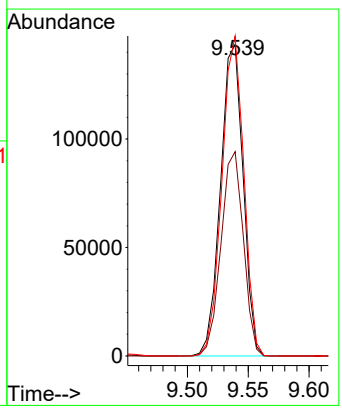
Supervised By :Jagrut Upadhyay 07/16/2025

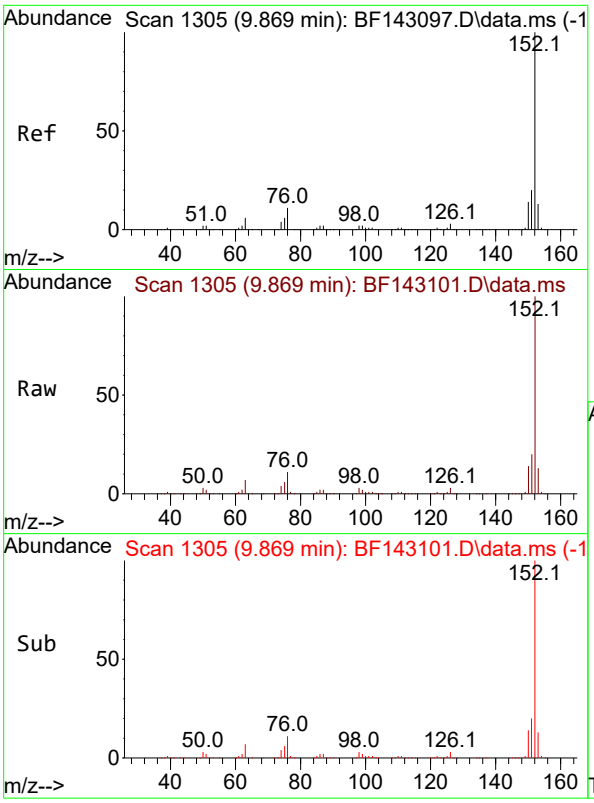


#48
2-Nitroaniline
Concen: 43.148 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 65 Resp: 185847

Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.3	76.9
138	102.7	77.8	116.6

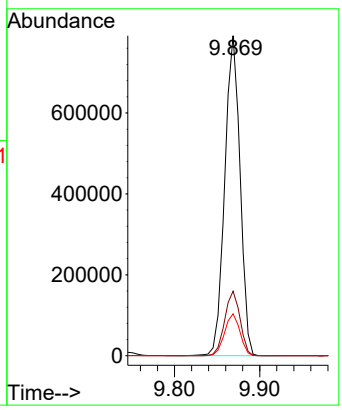




#49
Acenaphthylene
Concen: 40.736 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:152 Resp: 98710

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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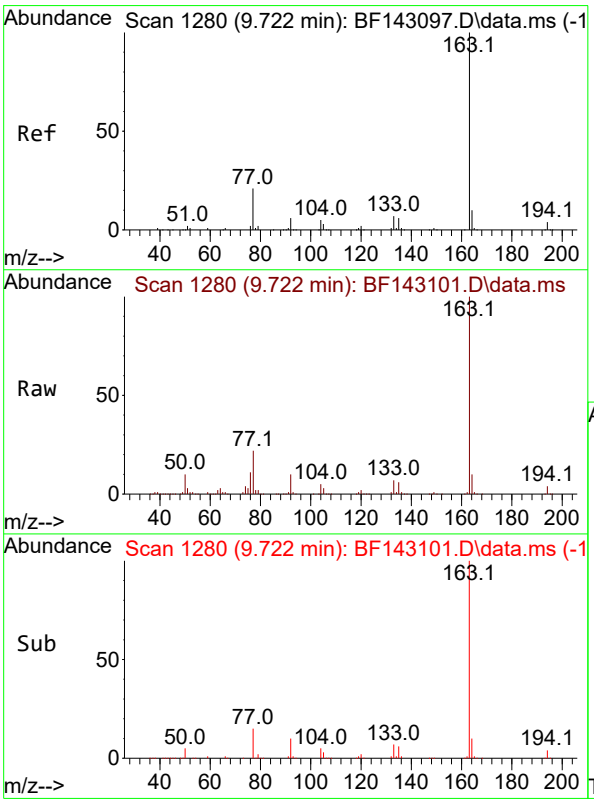
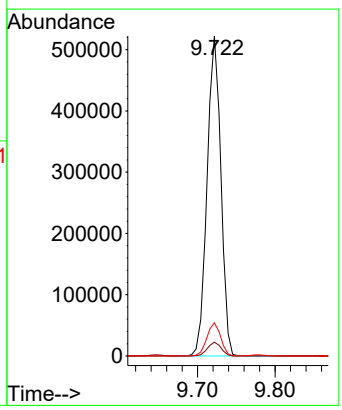
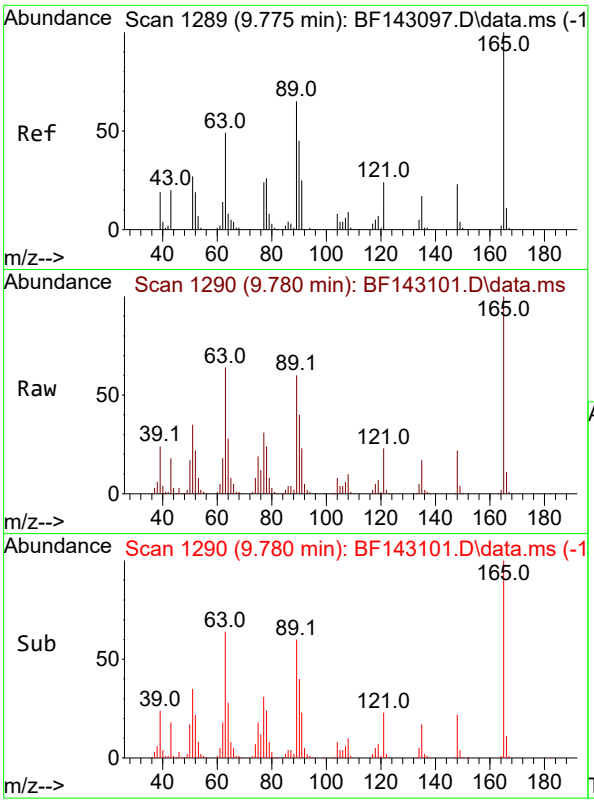


#50
Dimethylphthalate
Concen: 41.279 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:163 Resp: 644618

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.156 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:165 Resp: 13224

Ion	Ratio	Lower	Upper
165	100		
63	63.9	57.4	86.0
89	59.5	51.8	77.8

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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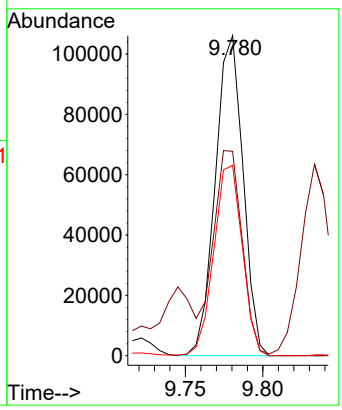
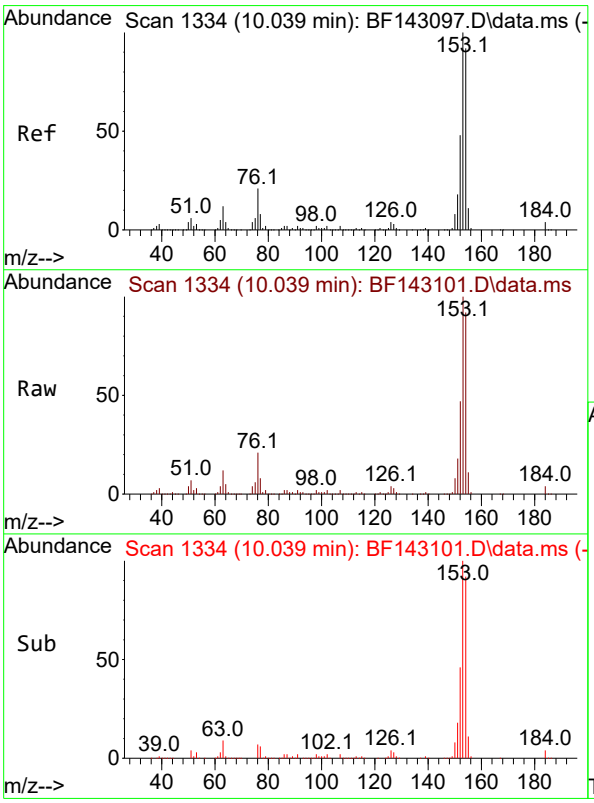
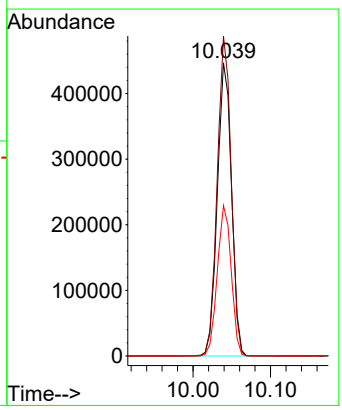


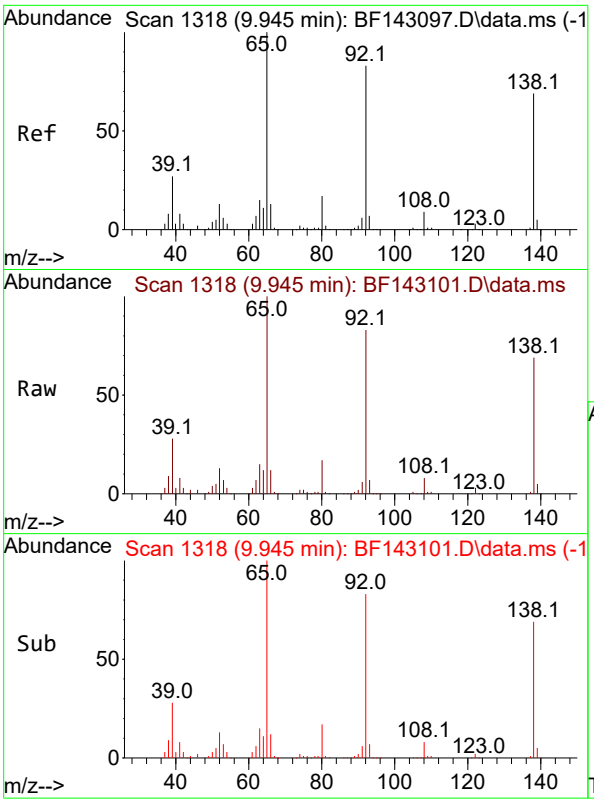


#52
Acenaphthene
Concen: 39.982 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:154 Resp: 571724

Ion	Ratio	Lower	Upper
154	100		
153	109.2	86.7	130.1
152	51.3	41.4	62.2





#53
3-Nitroaniline
Concen: 47.707 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:138 Resp: 16097

Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.1	15.1
92	119.9	96.4	144.6

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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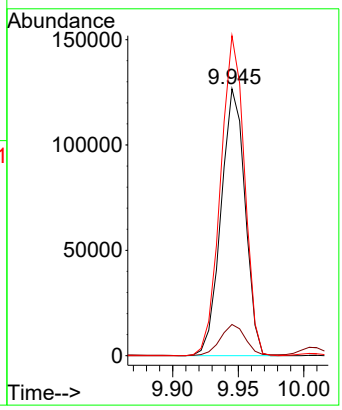
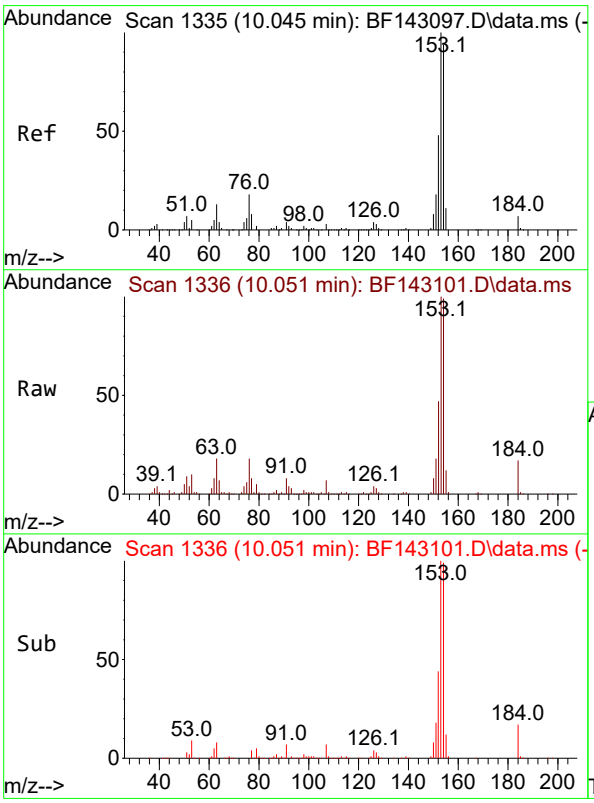
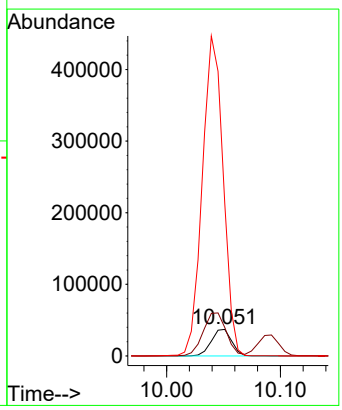


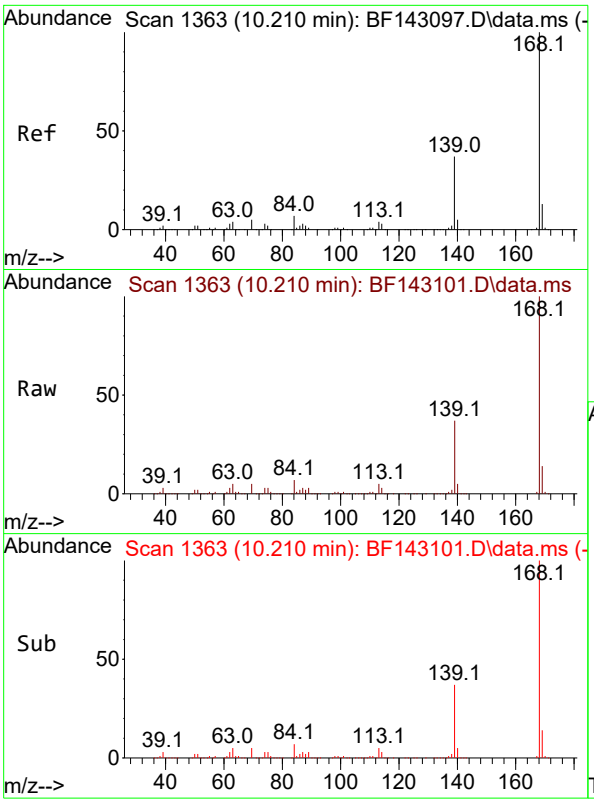


#54
2,4-Dinitrophenol
Concen: 47.113 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:184 Resp: 46465

Ion	Ratio	Lower	Upper
184	100		
63	106.9	149.3	223.9#
154	573.8	1048.0	1572.0#

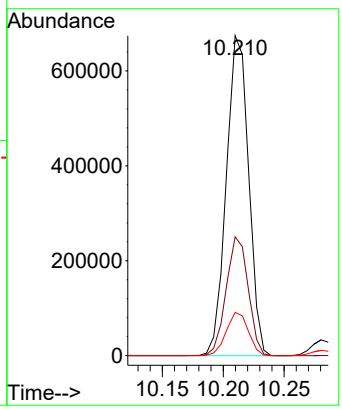




#55
Dibenzofuran
Concen: 40.300 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:168 Resp: 85894

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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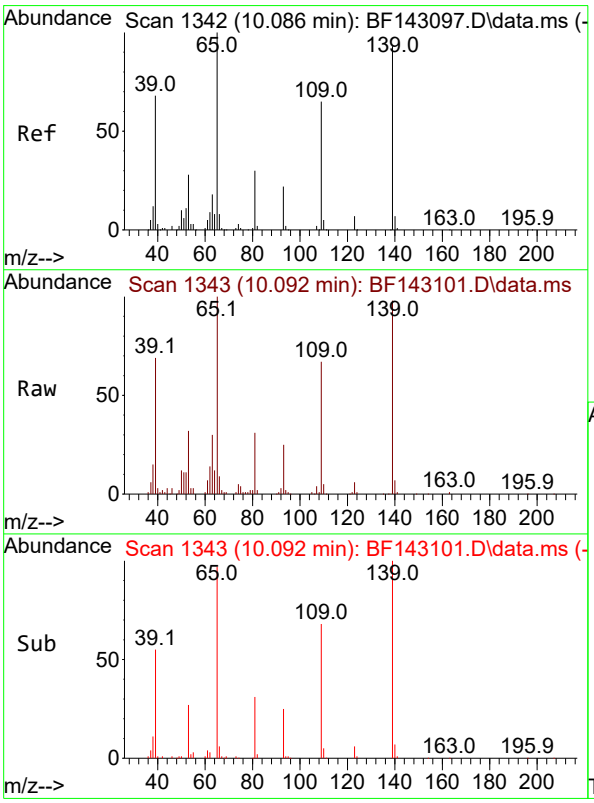
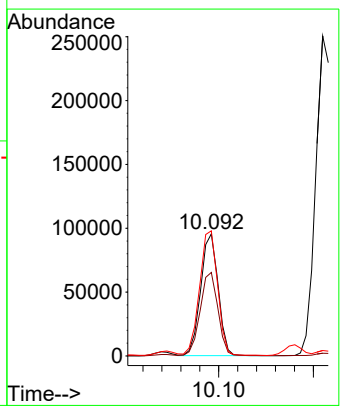
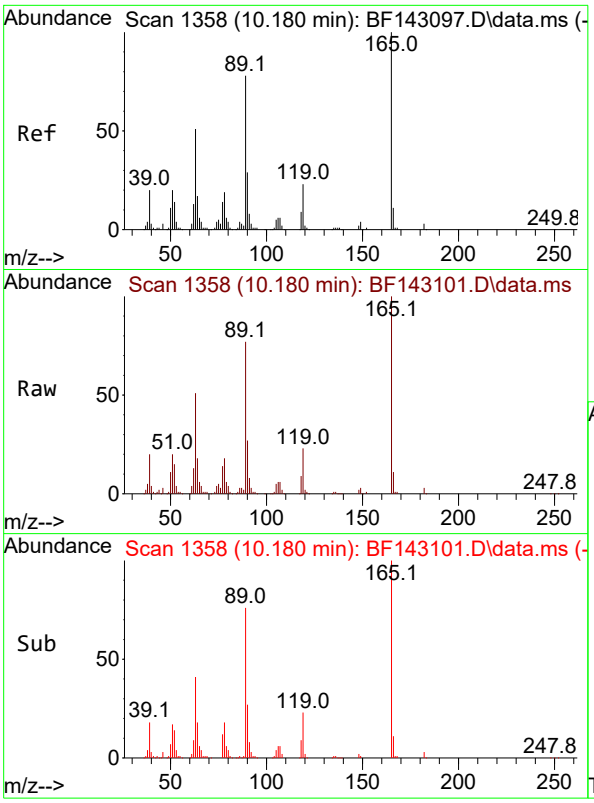


#56
4-Nitrophenol
Concen: 45.720 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:139 Resp: 122610

Ion	Ratio	Lower	Upper
139	100		
109	68.4	49.4	89.4
65	102.5	88.2	128.2

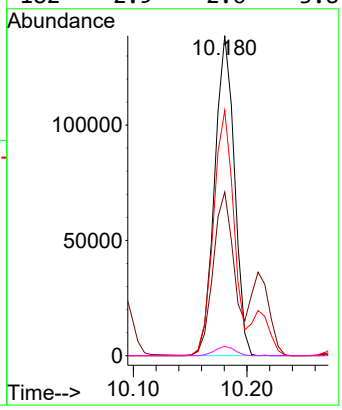




#57
2,4-Dinitrotoluene
Concen: 43.964 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:165 Resp: 16822

Ion	Ratio	Lower	Upper
165	100		
63	51.2	40.6	61.0
89	76.6	62.3	93.5
182	2.9	2.6	3.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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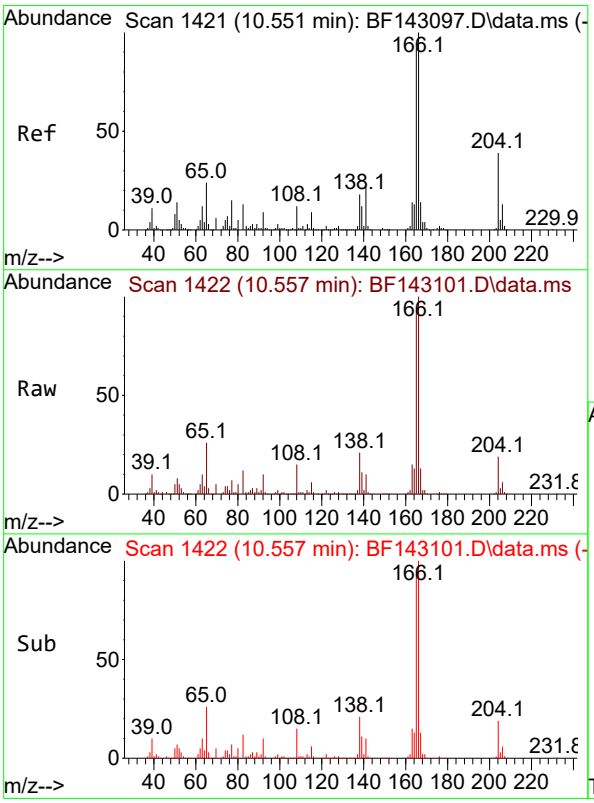
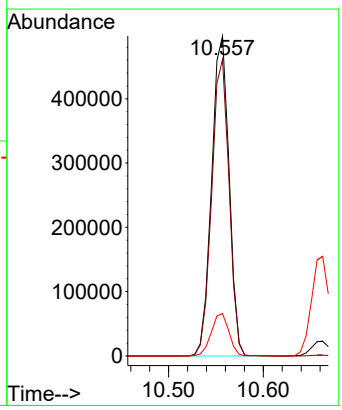
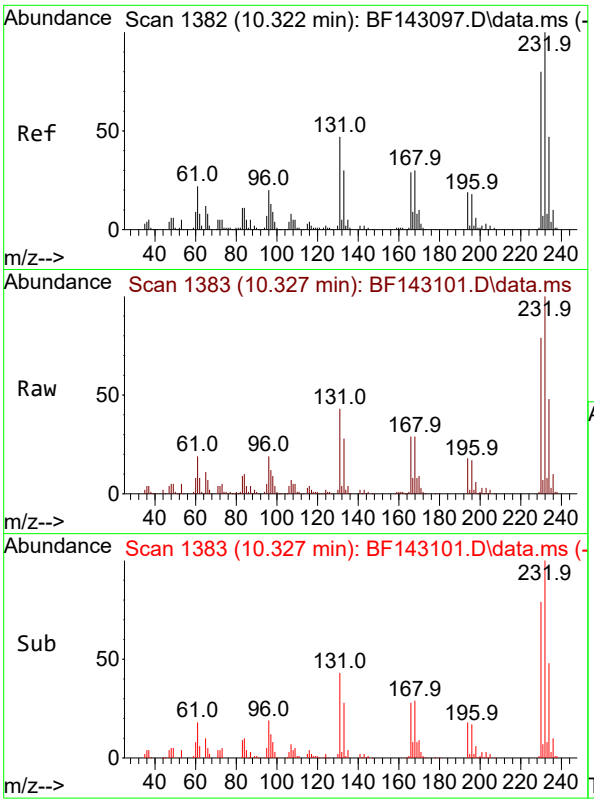


#58
Fluorene
Concen: 39.732 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:166 Resp: 634897

Ion	Ratio	Lower	Upper
166	100		
165	92.6	73.7	110.5
167	13.3	10.9	16.3

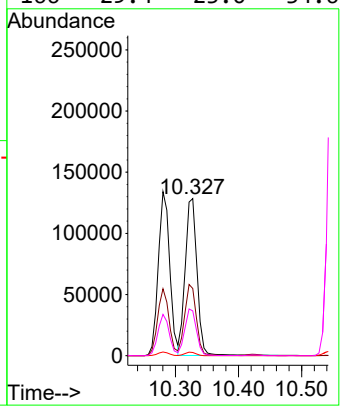




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.902 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:232 Resp: 16817

Ion	Ratio	Lower	Upper
232	100		
131	44.4	36.9	55.3
130	2.1	1.8	2.8
166	29.4	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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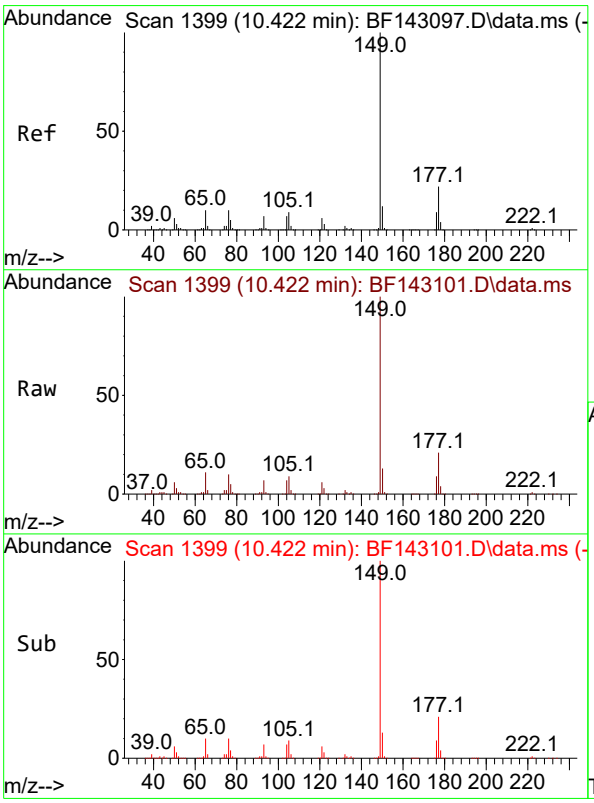
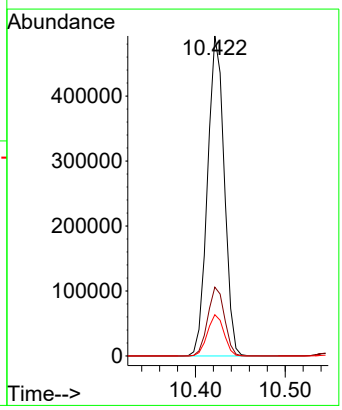
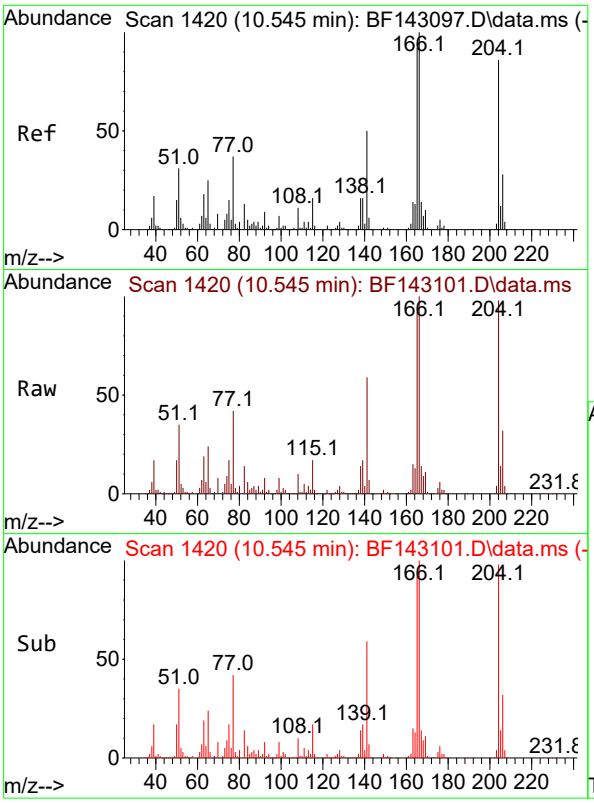


#60
Diethylphthalate
Concen: 42.297 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 637247

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	12.9	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.882 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:204 Resp: 31311

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	60.4	46.8	70.2

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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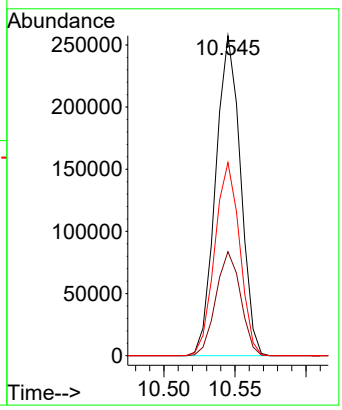
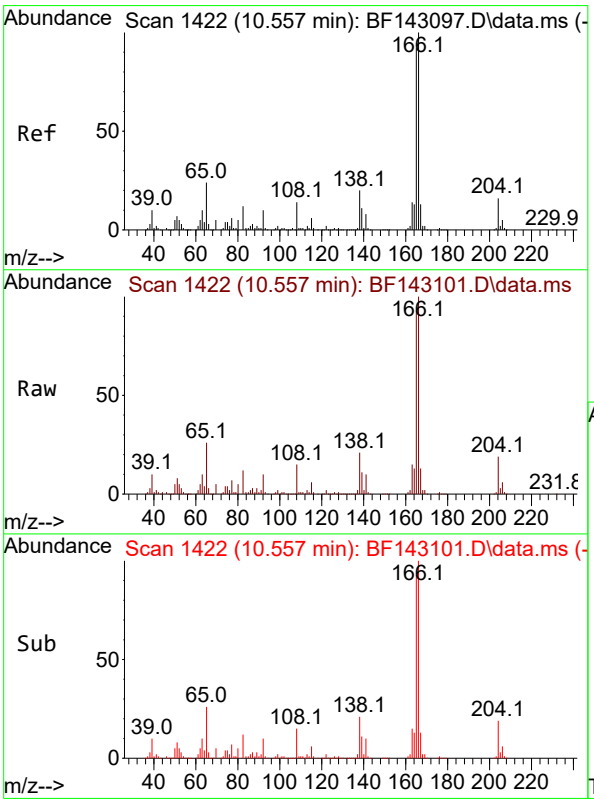
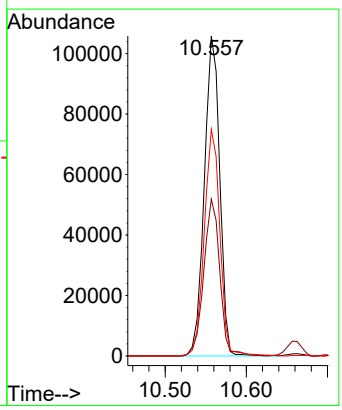


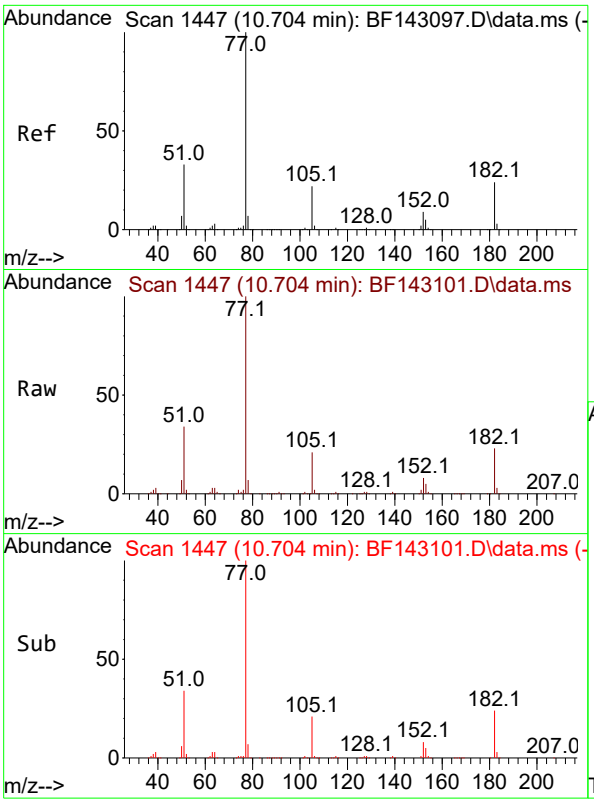


#62
4-Nitroaniline
Concen: 47.486 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:138 Resp: 139342

Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.4	70.4
108	70.8	49.5	89.5

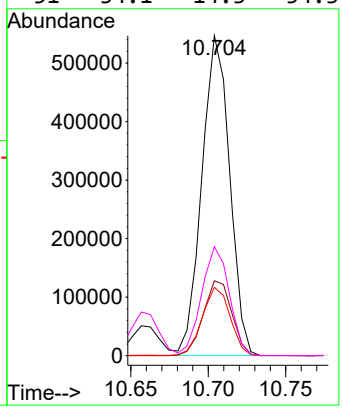




#63
Azobenzene
Concen: 40.833 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 77 Resp: 68035

Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.0	44.0
105	21.3	1.4	41.4
51	34.1	14.3	54.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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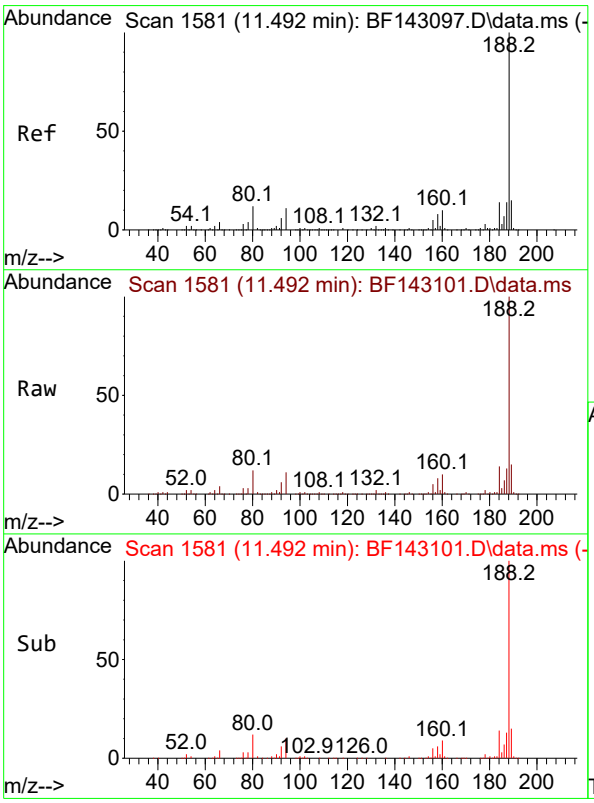
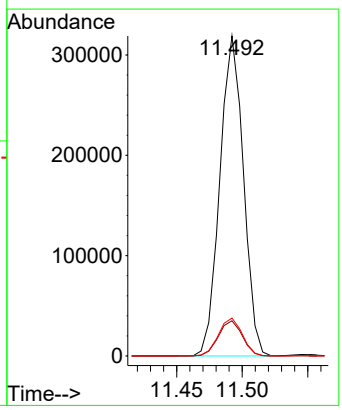
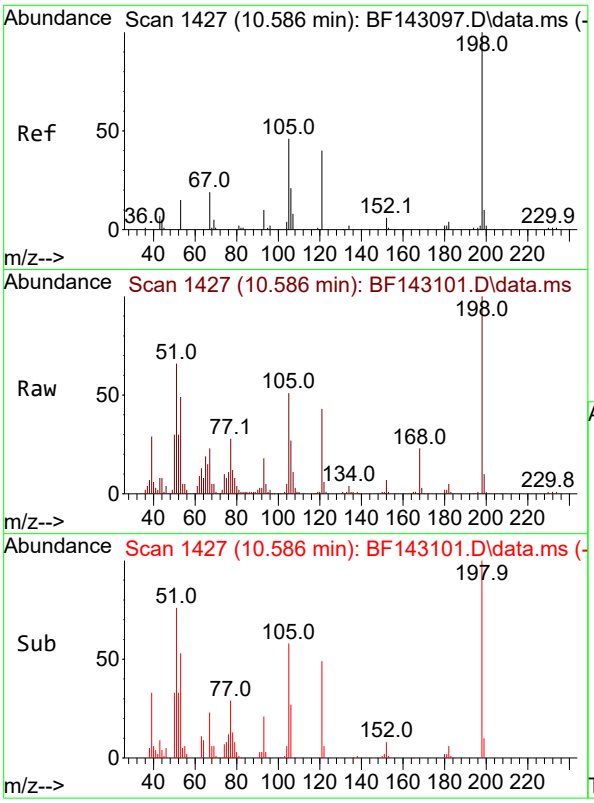


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:188 Resp: 398969

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.6	13.0
80	11.9	9.3	13.9

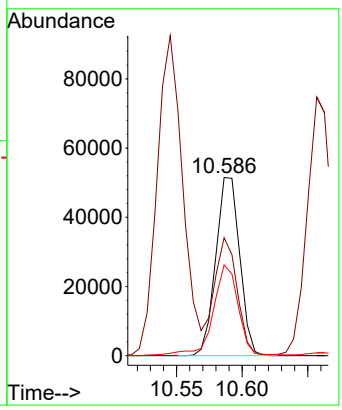




#65
4,6-Dinitro-2-methylphenol
Concen: 44.754 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:198 Resp: 6526

Ion	Ratio	Lower	Upper
198	100		
51	66.2	44.6	84.6
105	50.9	29.3	69.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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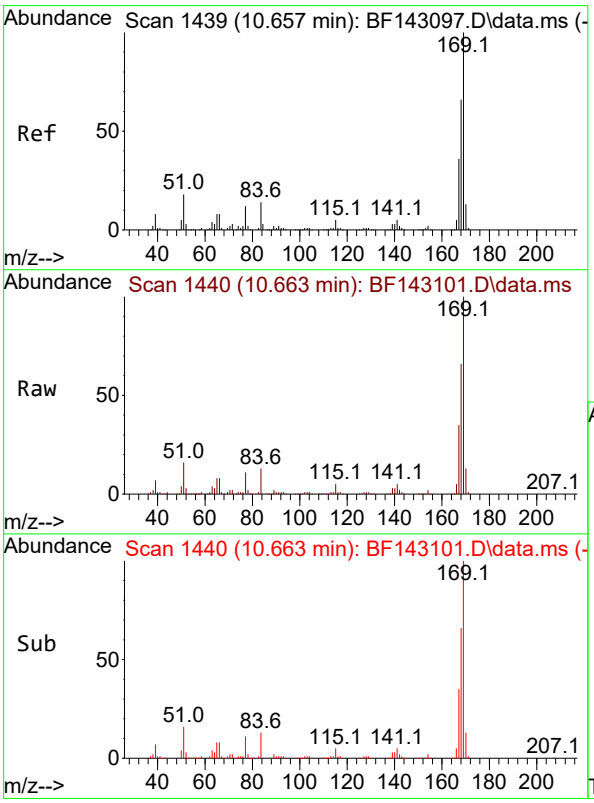
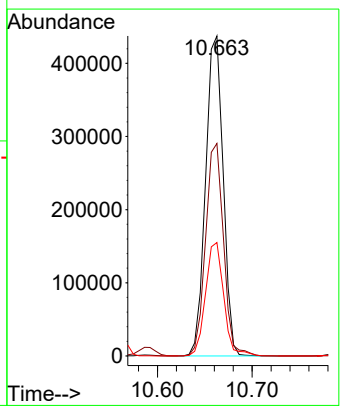
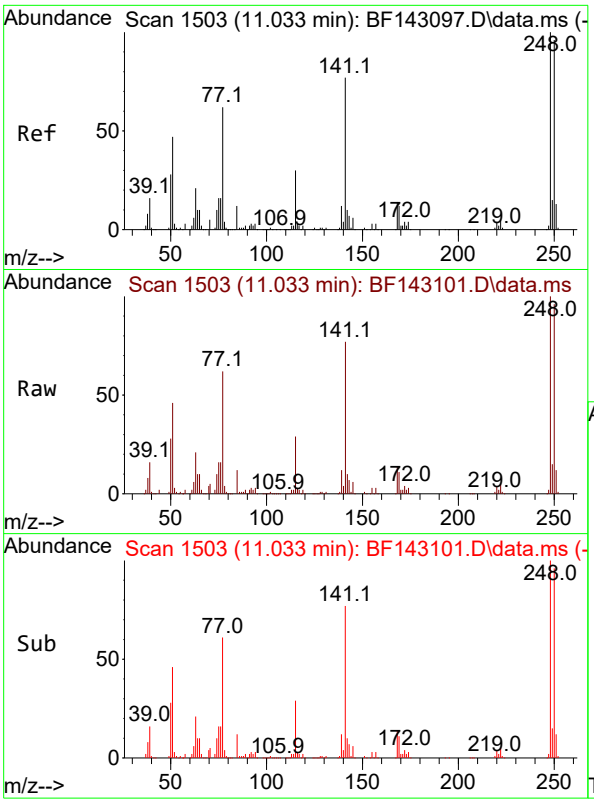


#66
n-Nitrosodiphenylamine
Concen: 40.179 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:169 Resp: 563086

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.0	79.6
167	35.5	28.4	42.6

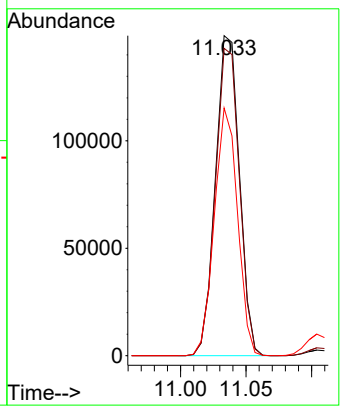




#67
4-Bromophenyl-phenylether
Concen: 41.782 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:248 Resp: 18957

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.7	115.1
141	77.4	61.7	92.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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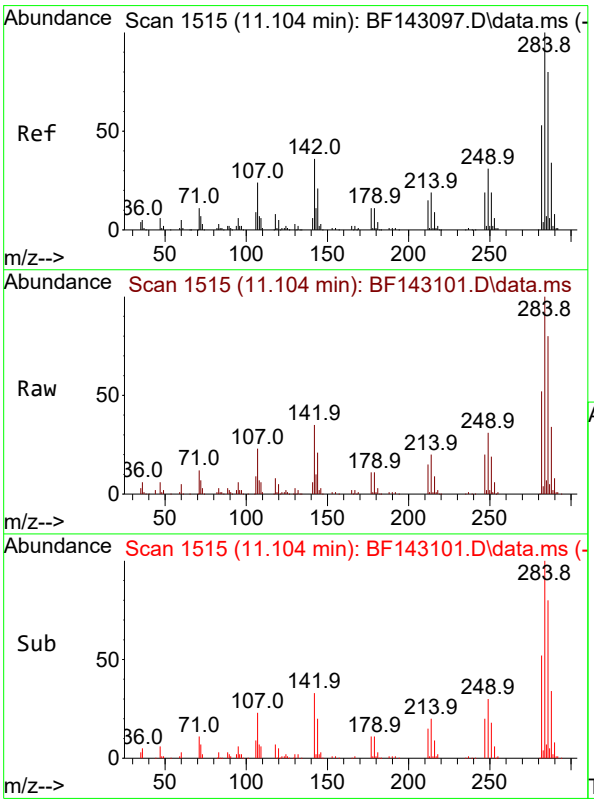
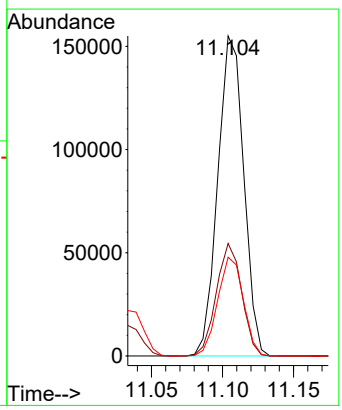
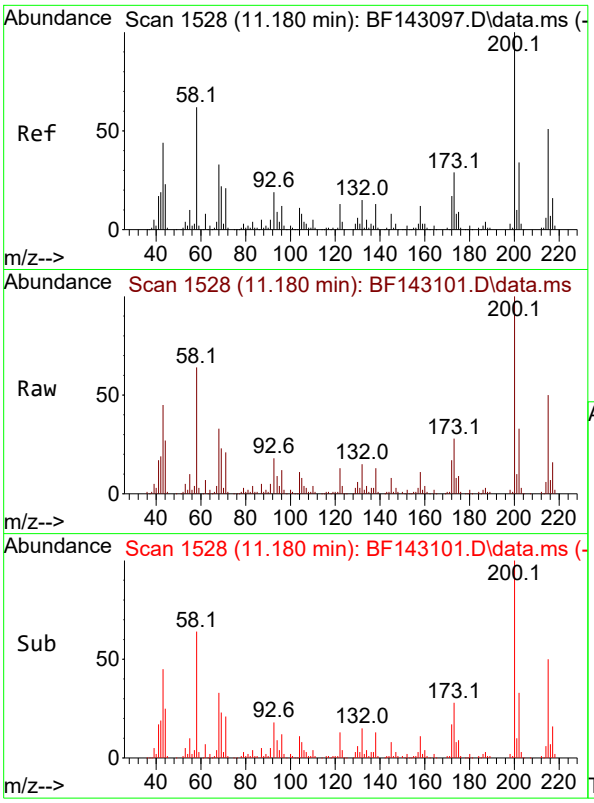


#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:284 Resp: 196969

Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.9	43.3
249	30.9	24.6	37.0

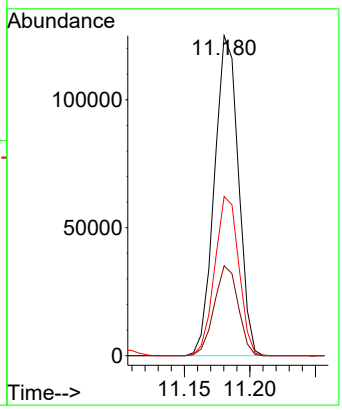




#69
Atrazine
Concen: 44.273 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:200 Resp: 15874

Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.1	49.1
215	49.8	31.0	71.0



Instrument :
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ClientSampleId :
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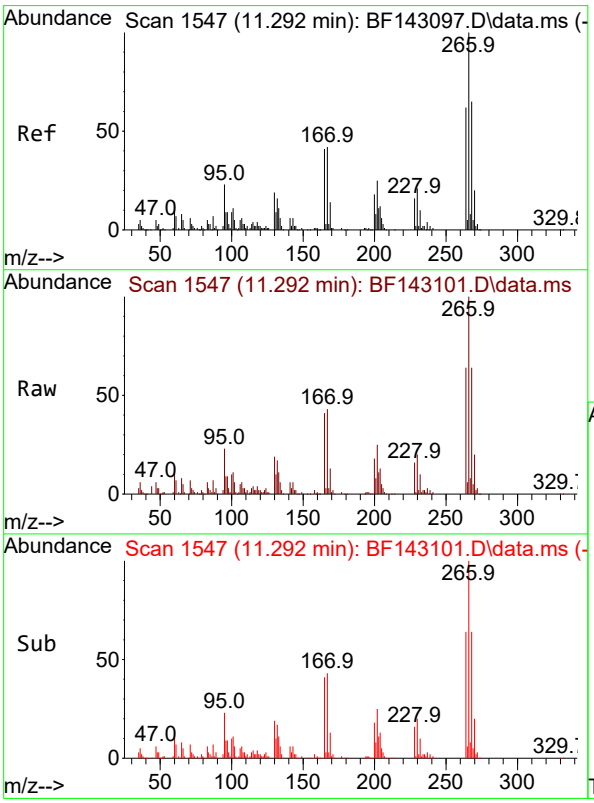
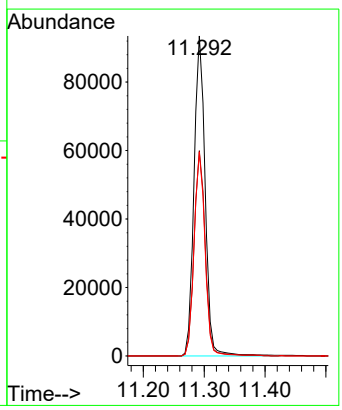
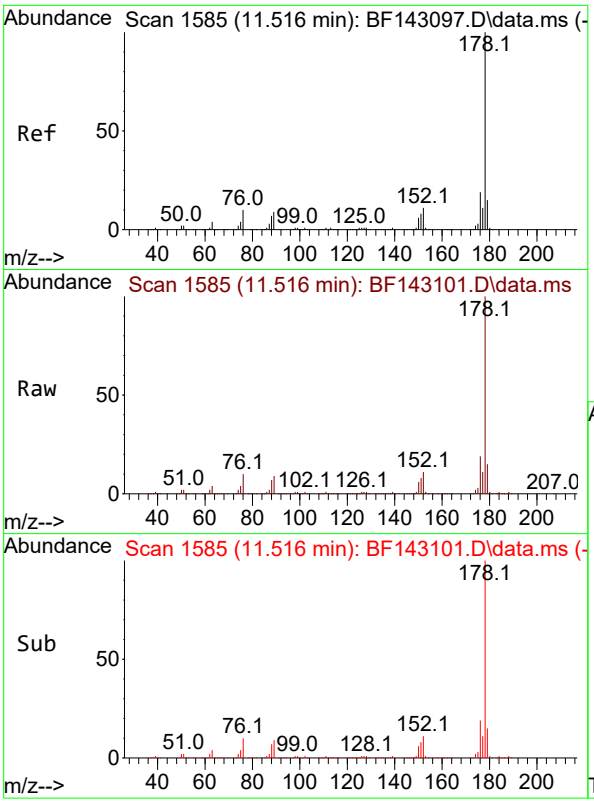


#70
Pentachlorophenol
Concen: 44.978 ng
RT: 11.292 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:266 Resp: 118797

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.8	77.6
264	63.7	49.7	74.5

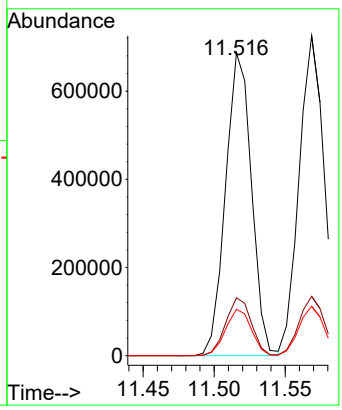




#71
Phenanthrene
Concen: 40.469 ng
RT: 11.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:178 Resp: 87136

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.3	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
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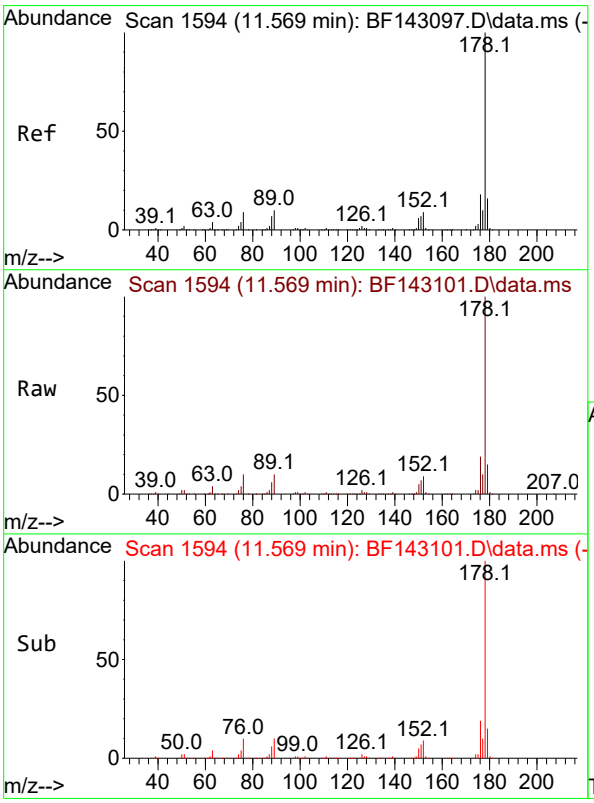
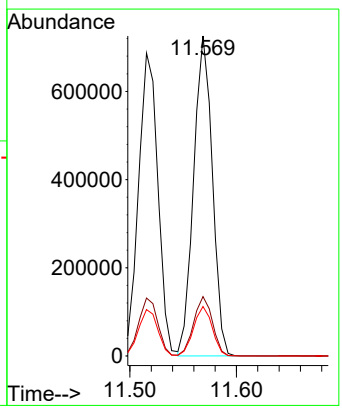
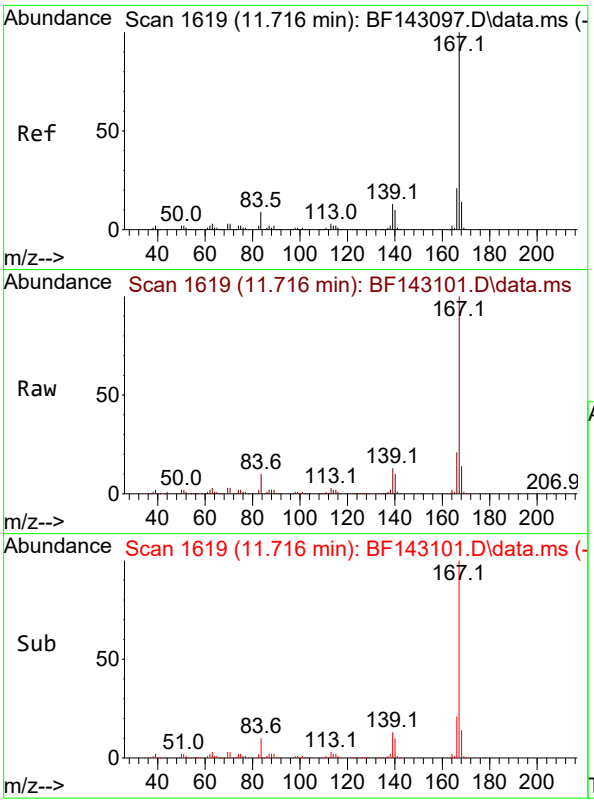


#72
Anthracene
Concen: 40.999 ng
RT: 11.569 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:178 Resp: 887738

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.5	12.4	18.6

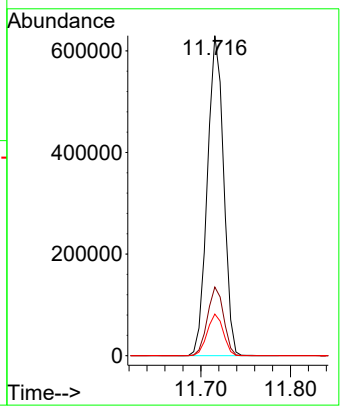




#73
Carbazole
Concen: 40.823 ng
RT: 11.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:167 Resp: 79188

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.0	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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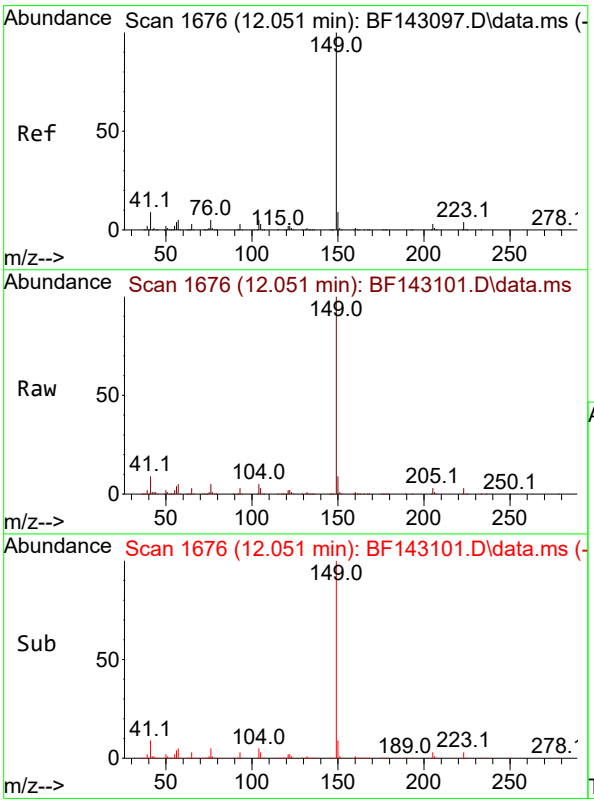
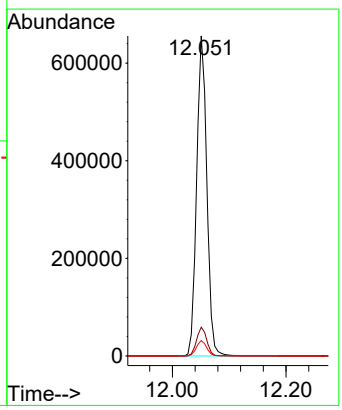
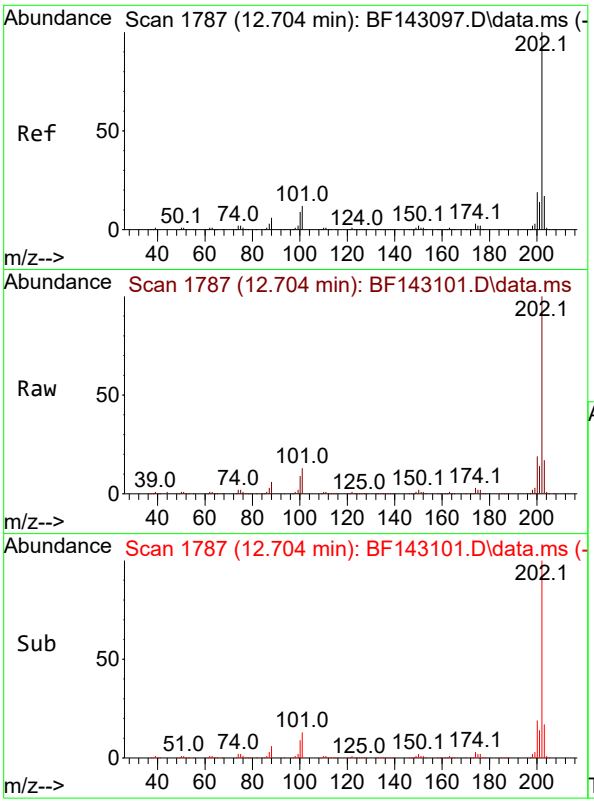


#74
Di-n-butylphthalate
Concen: 46.099 ng
RT: 12.051 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 820833

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.8	3.8	5.8

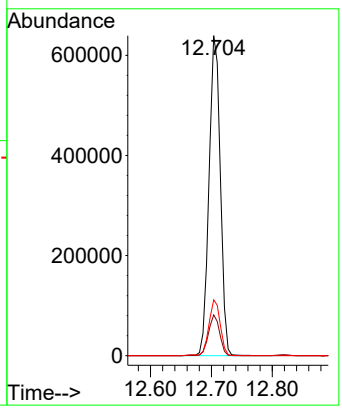




#75
Fluoranthene
Concen: 42.113 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:202 Resp: 82449

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
203	17.5	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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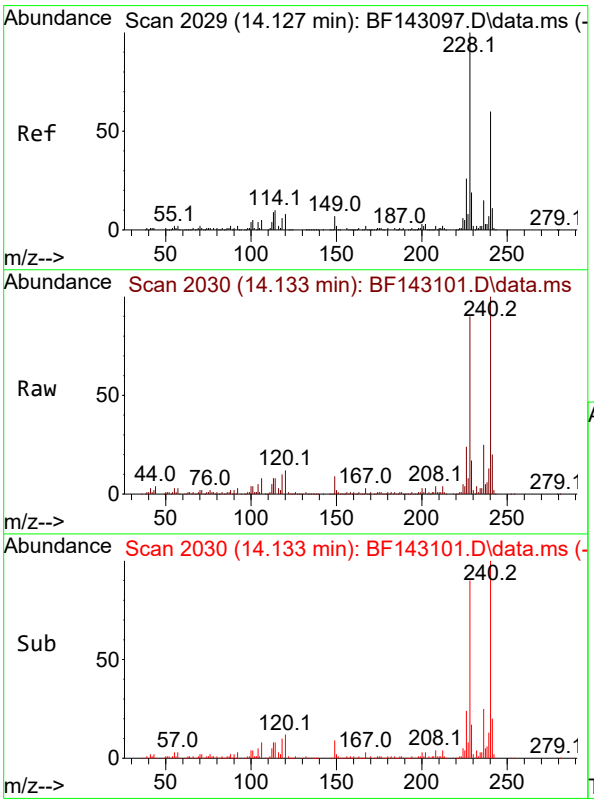
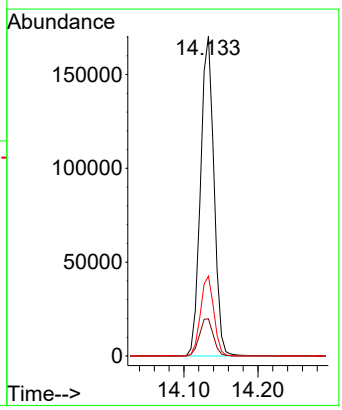
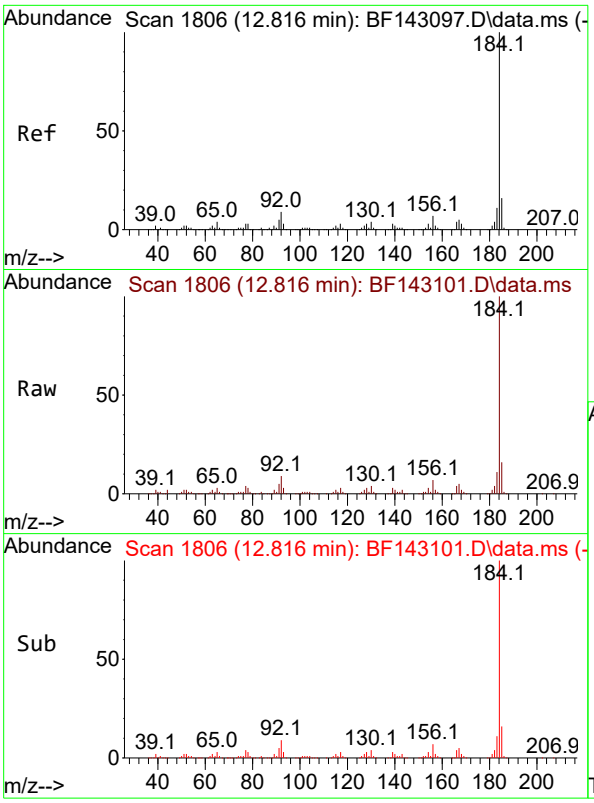


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:240 Resp: 215152

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.0	15.0
236	24.9	20.0	30.0

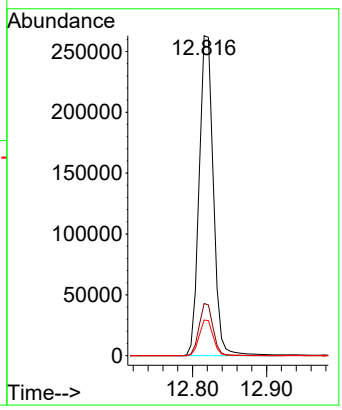




#77
Benzidine
Concen: 47.827 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:184 Resp: 35057

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.4	18.6
183	11.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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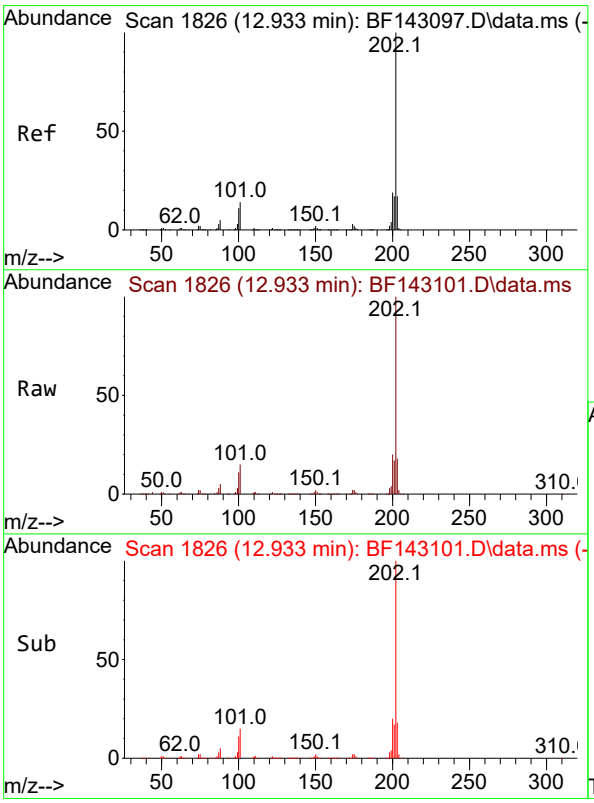
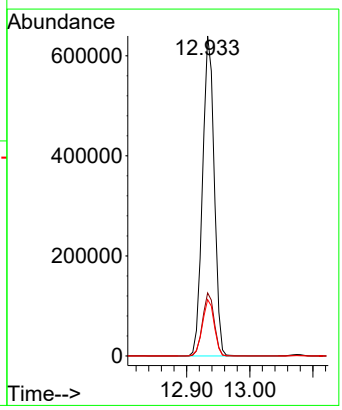
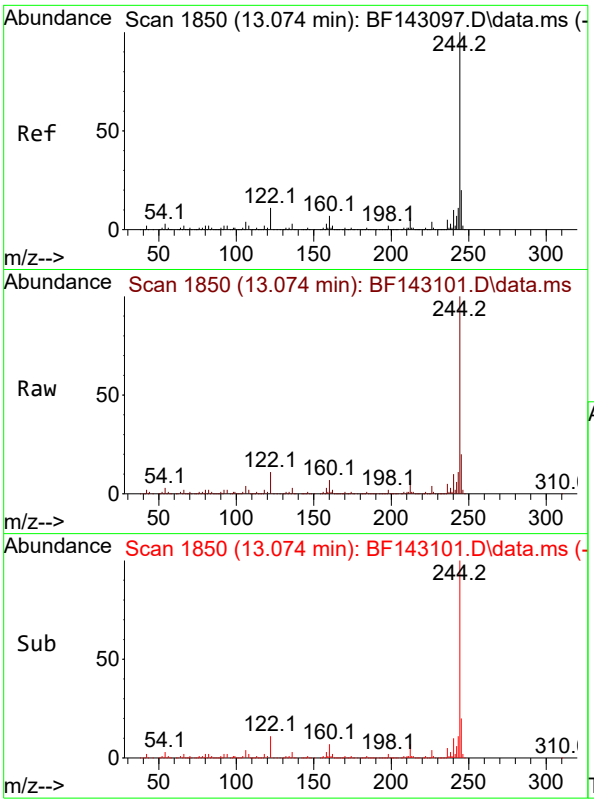


#78
Pyrene
Concen: 41.087 ng
RT: 12.933 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:202 Resp: 820201

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.5	23.3
203	17.6	14.0	21.0

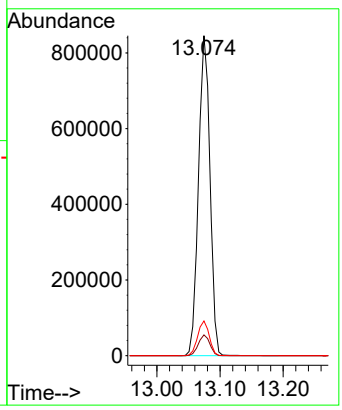




#79
Terphenyl-d14
Concen: 72.317 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:244 Resp: 106437

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.9	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

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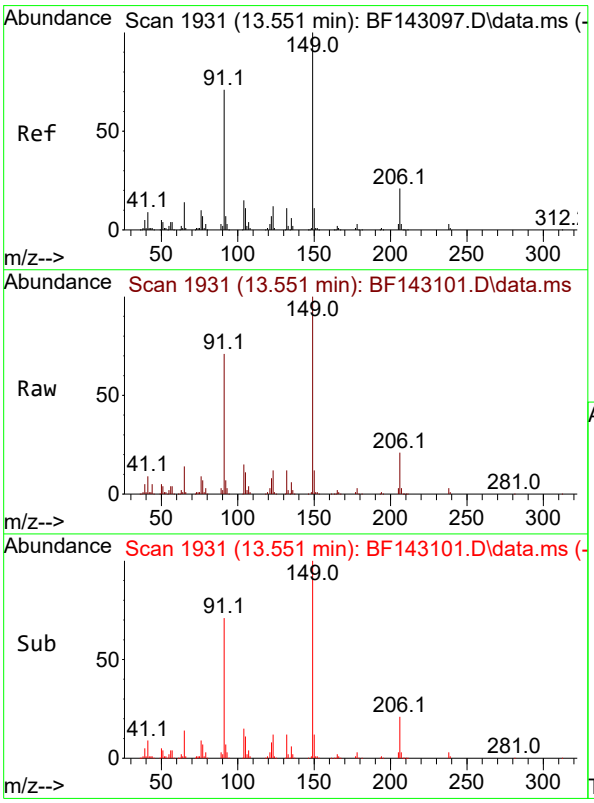
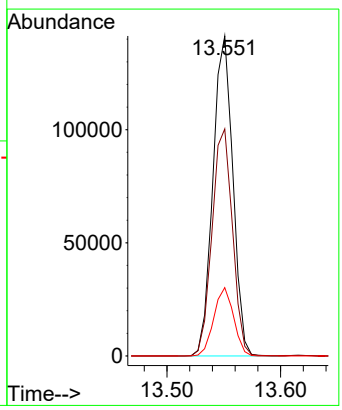
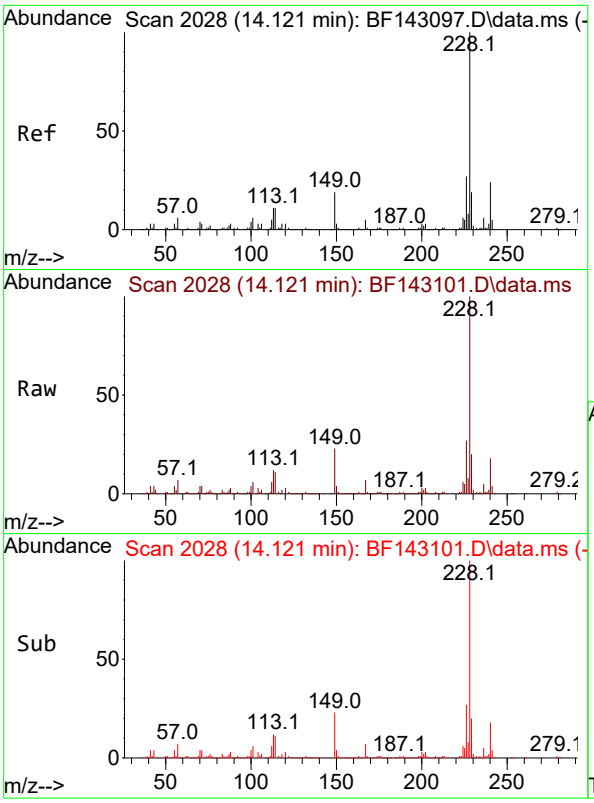


#80
Butylbenzylphthalate
Concen: 43.340 ng
RT: 13.551 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 172390

Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.0	85.4
206	21.3	17.2	25.8





#81
Benzo(a)anthracene
Concen: 40.719 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Tgt Ion:228 Resp: 58379

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.6	15.5	23.3

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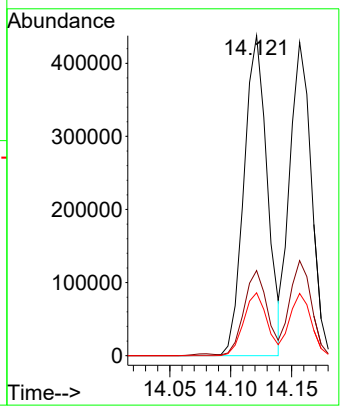
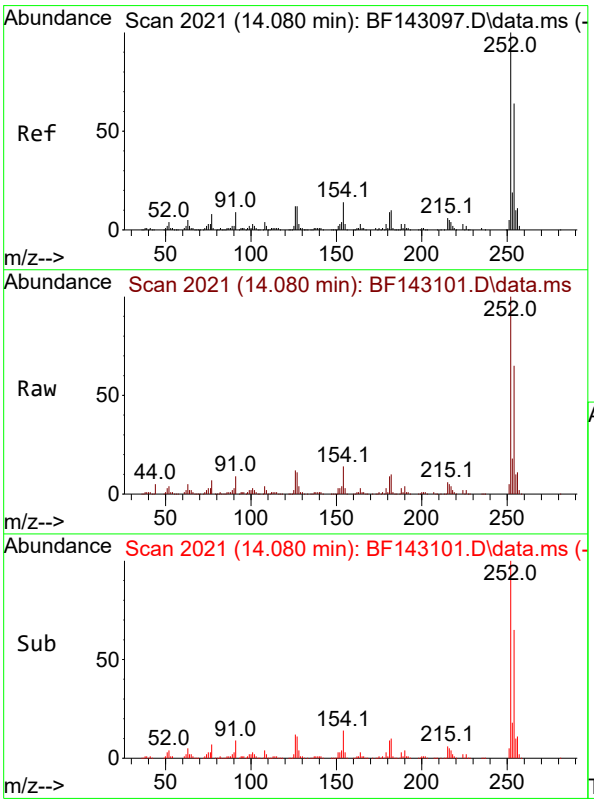
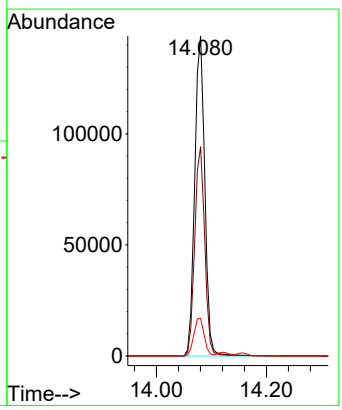


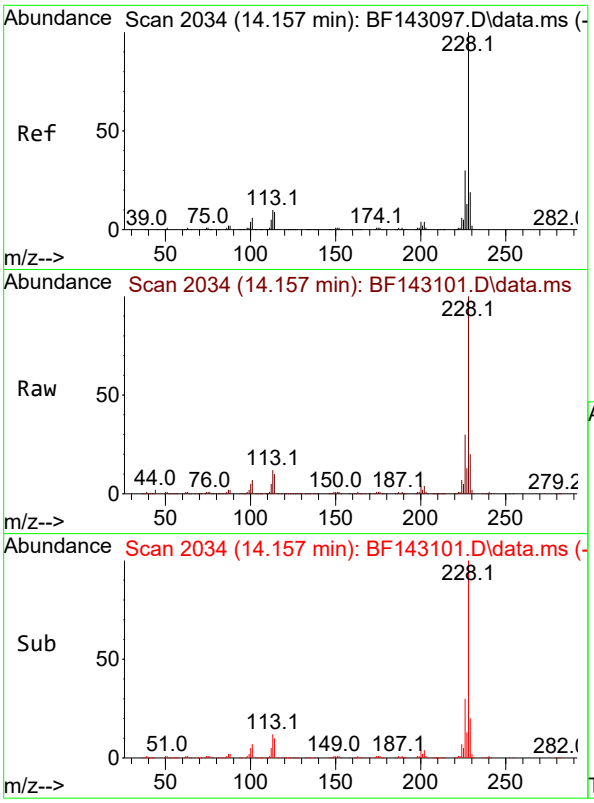


#82
3,3'-Dichlorobenzidine
Concen: 44.044 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 183371

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	11.7	9.4	14.0

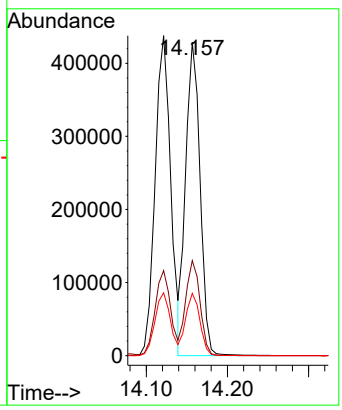




#83
Chrysene
Concen: 40.139 ng
RT: 14.157 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:228 Resp: 530018

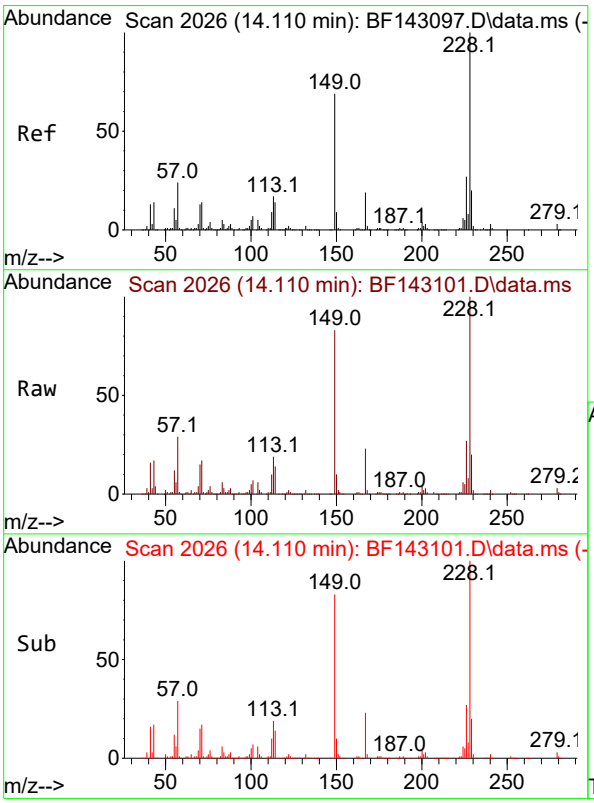
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	19.8	15.3	22.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

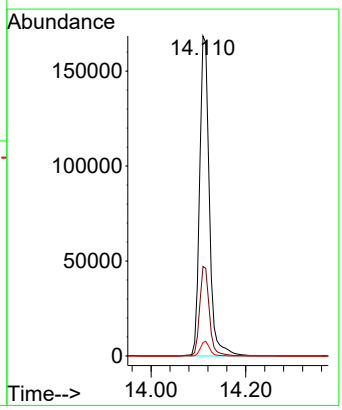
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

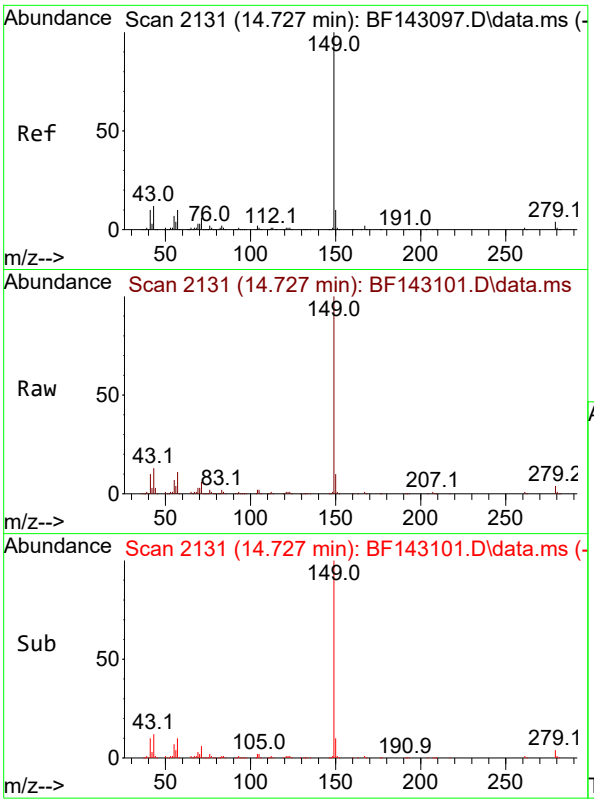


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.166 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 239329

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.2	3.4	5.0

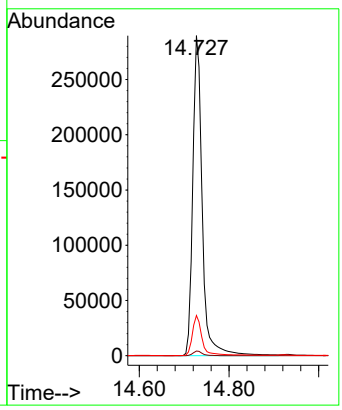




#85
Di-n-octyl phthalate
Concen: 38.648 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 42495

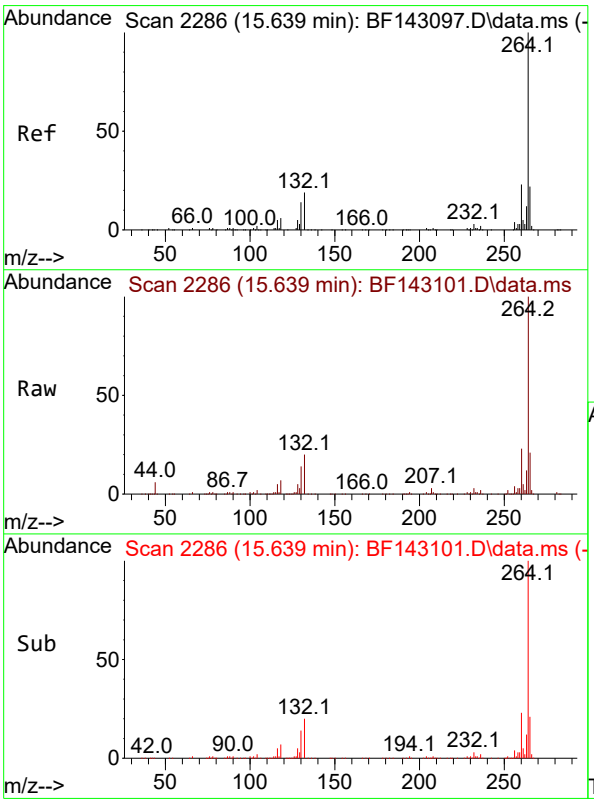
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

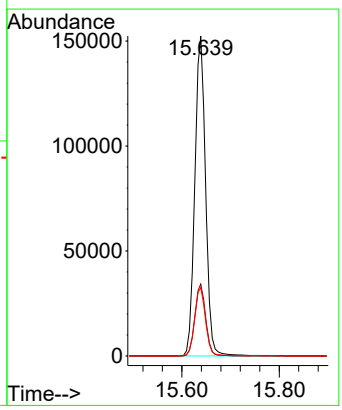
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

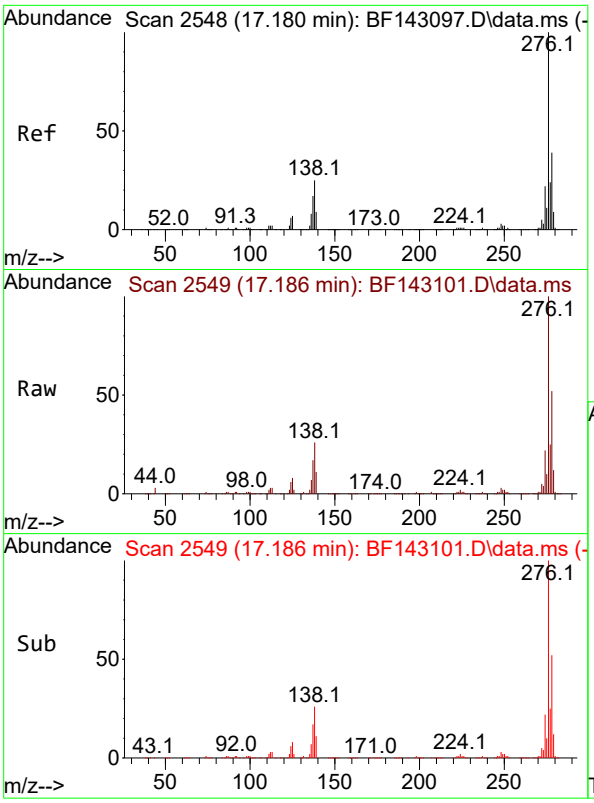


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:264 Resp: 235493

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.3	17.5	26.3

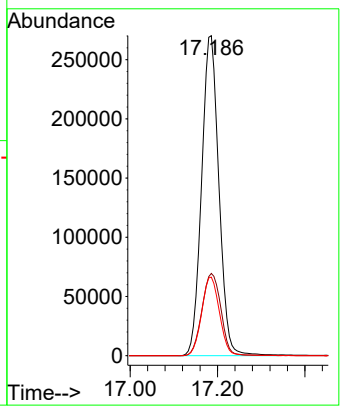




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.503 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:276 Resp: 74444

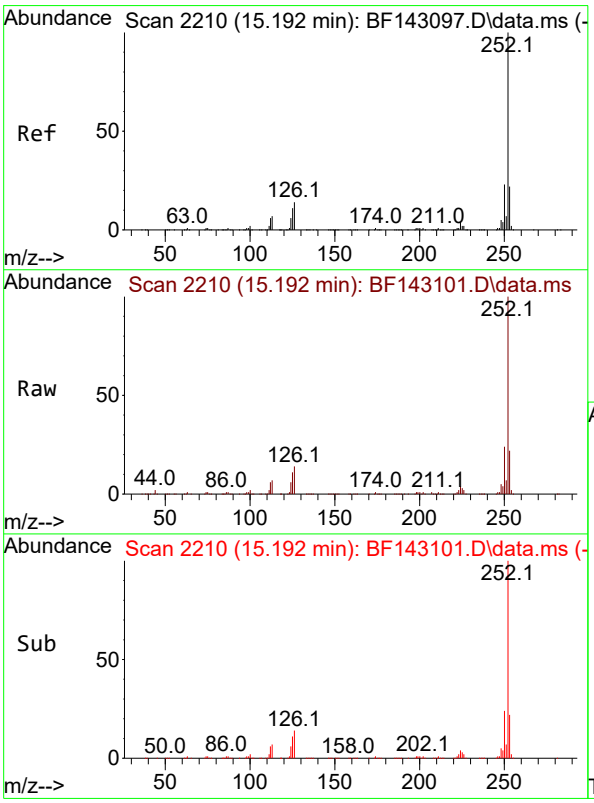
Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.6	34.0
277	25.4	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

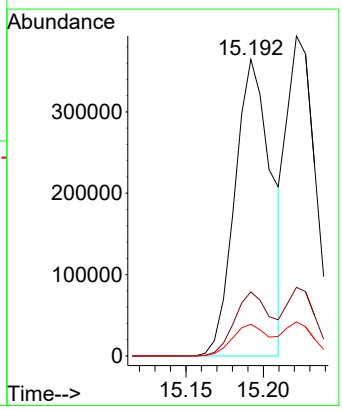
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

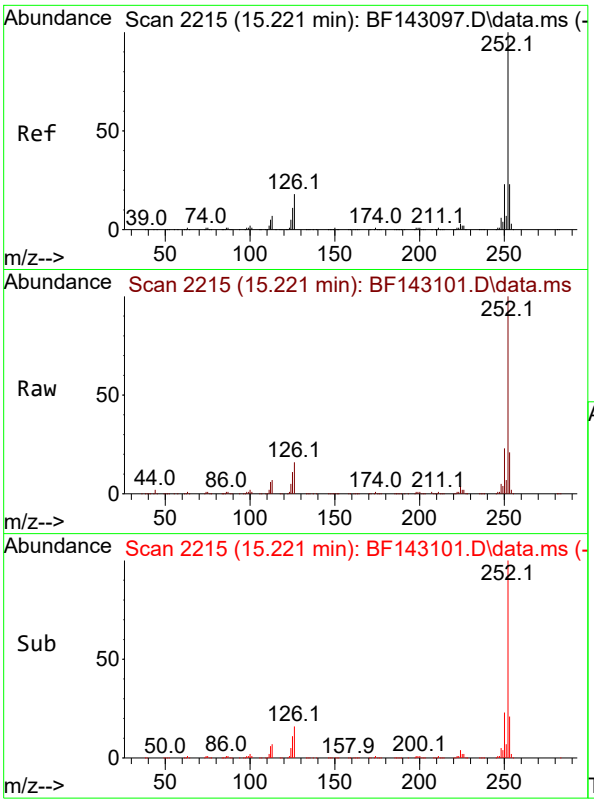


#88
Benzo(b)fluoranthene
Concen: 43.782 ng
RT: 15.192 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 594727

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.7	8.6	13.0

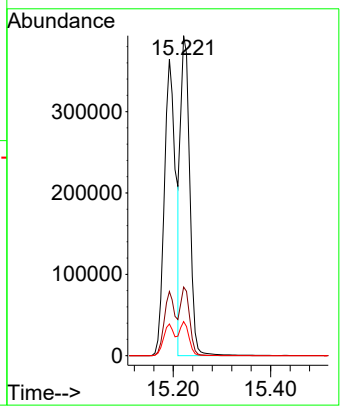




#89
Benzo(k)fluoranthene
Concen: 39.662 ng
RT: 15.221 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 51397

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.7	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
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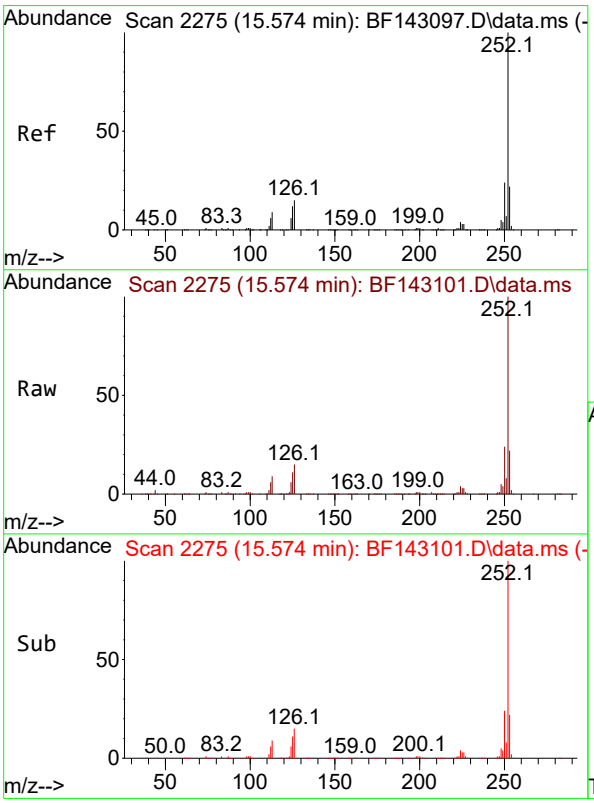
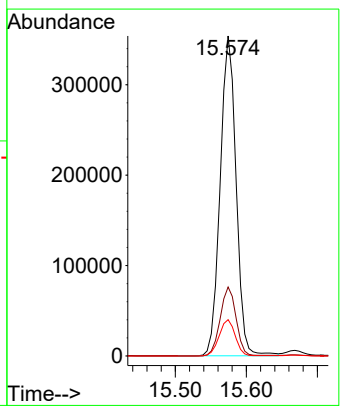
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025

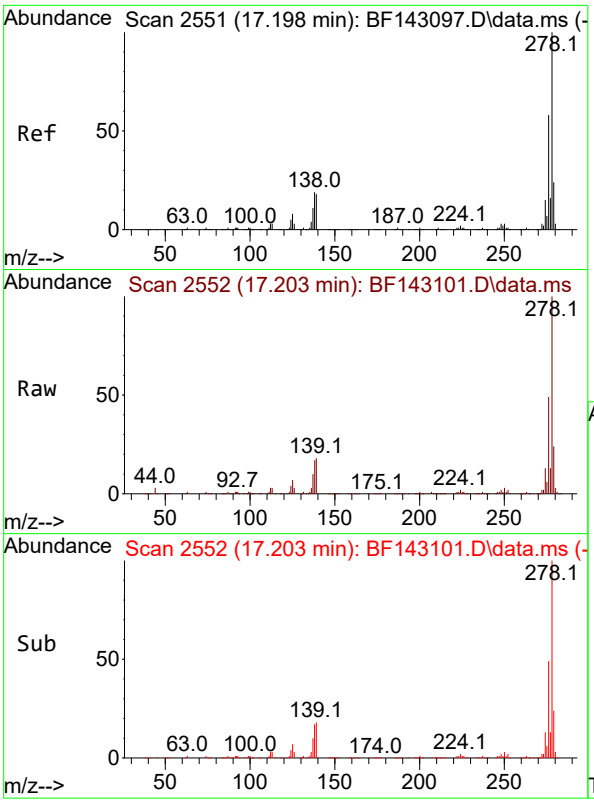


#90
Benzo(a)pyrene
Concen: 42.724 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 548875

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.4	9.4	14.0

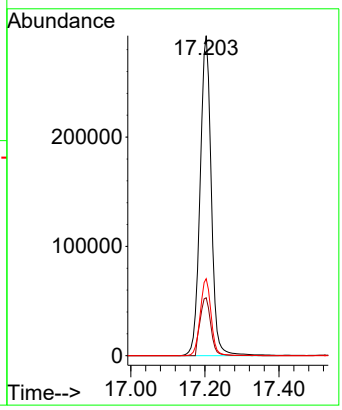




#91
Dibenzo(a,h)anthracene
Concen: 42.735 ng
RT: 17.203 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:278 Resp: 61188

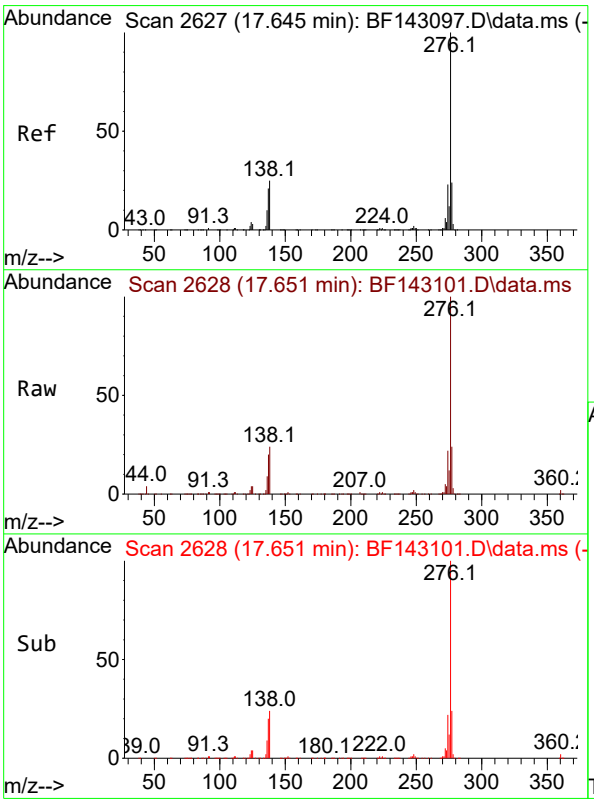
Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	24.1	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Manual Integrations
APPROVED

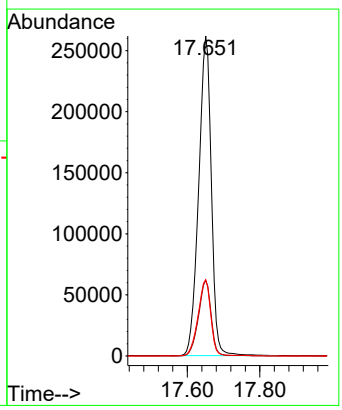
Reviewed By :Rahul Chavli 07/16/2025
Supervised By :Jagrut Upadhyay 07/16/2025



#92
Benzo(g,h,i)perylene
Concen: 43.359 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:276 Resp: 632939

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	23.9	19.8	29.6



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	106	0.00
2		1,4-Dioxane	0.630	0.602	4.4	101	0.00
3		Pyridine	1.596	1.636	-2.5	108	0.00
4		n-Nitrosodimethylamine	0.827	0.857	-3.6	111	0.00
5	S	2-Fluorophenol	1.266	1.247	1.5	105	0.00
6		Aniline	2.241	2.299	-2.6	110	0.00
7	S	Phenol-d6	1.591	1.563	1.8	105	0.00
8		2-Chlorophenol	1.272	1.348	-6.0	112	0.00
9		Benzaldehyde	1.212	1.125	7.2	82	0.00
10	C	Phenol	1.723	1.795	-4.2	111	0.00
11		bis(2-Chloroethyl)ether	1.334	1.362	-2.1	110	0.00
12		1,3-Dichlorobenzene	1.437	1.462	-1.7	109	0.00
13	C	1,4-Dichlorobenzene	1.446	1.465	-1.3	109	0.00
14		1,2-Dichlorobenzene	1.379	1.405	-1.9	109	0.00
15		Benzyl Alcohol	1.179	1.248	-5.9	113	0.00
16		2,2'-oxybis(1-Chloropropane	2.458	2.475	-0.7	109	0.00
17		2-Methylphenol	1.098	1.140	-3.8	111	0.00
18		Hexachloroethane	0.471	0.509	-8.1	114	0.00
19	P	n-Nitroso-di-n-propylamine	0.975	1.023	-4.9	112	0.00
20		3+4-Methylphenols	1.346	1.415	-5.1	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22		Acetophenone	0.482	0.486	-0.8	110	0.00
23	S	Nitrobenzene-d5	0.357	0.349	2.2	100	0.00
24		Nitrobenzene	0.344	0.384	-11.6	115	0.00
25		Isophorone	0.689	0.710	-3.0	111	0.00
26	C	2-Nitrophenol	0.114	0.151	-32.5#	134	0.00
27		2,4-Dimethylphenol	0.320	0.336	-5.0	112	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.426	-1.9	111	0.00
29	C	2,4-Dichlorophenol	0.262	0.285	-8.8	114	0.00
30		1,2,4-Trichlorobenzene	0.297	0.306	-3.0	110	0.00
31		Naphthalene	0.993	1.007	-1.4	111	0.00
32		Benzoic acid	0.139	0.170	-22.3	126	0.00
33		4-Chloroaniline	0.399	0.412	-3.3	110	0.00
34	C	Hexachlorobutadiene	0.178	0.183	-2.8	110	0.00
35		Caprolactam	0.082	0.089	-8.5	114	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.309	-6.2	112	0.00
37		2-Methylnaphthalene	0.592	0.602	-1.7	111	0.00
38		1-Methylnaphthalene	0.615	0.629	-2.3	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.583	0.591	-1.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.323	0.364	-12.7	123	0.00
42	S	2,4,6-Tribromophenol	0.178	0.192	-7.9	111	0.00
43	C	2,4,6-Trichlorophenol	0.362	0.398	-9.9	115	0.00
44		2,4,5-Trichlorophenol	0.380	0.408	-7.4	113	0.00
45	S	2-Fluorobiphenyl	1.505	1.299	13.7	97	0.00
46		1,1'-Biphenyl	1.595	1.610	-0.9	112	0.00
47		2-Chloronaphthalene	1.172	1.178	-0.5	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	0.303	0.374	-23.4	124	0.00
49		Acenaphthylene	1.952	1.988	-1.8	111	0.00
50		Dimethylphthalate	1.258	1.298	-3.2	113	0.00
51		2,6-Dinitrotoluene	0.219	0.266	-21.5	124	0.00
52	C	Acenaphthene	1.152	1.152	0.0	111	0.00
53		3-Nitroaniline	0.272	0.324	-19.1	123	0.00
54	P	2,4-Dinitrophenol	0.073	0.094	-28.8#	149	0.00
55		Dibenzofuran	1.717	1.730	-0.8	111	0.00
56	P	4-Nitrophenol	0.216	0.247	-14.4	120	0.00
57		2,4-Dinitrotoluene	0.265	0.339	-27.9#	125	0.00
58		Fluorene	1.288	1.279	0.7	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.339	-12.3	118	0.00
60		Diethylphthalate	1.214	1.284	-5.8	114	0.00
61		4-Chlorophenyl-phenylether	0.617	0.631	-2.3	112	0.00
62		4-Nitroaniline	0.236	0.281	-19.1	123	0.00
63		Azobenzene	1.343	1.370	-2.0	113	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.067	0.082	-22.4	138	0.00
66	c	n-Nitrosodiphenylamine	0.703	0.706	-0.4	112	0.00
67		4-Bromophenyl-phenylether	0.227	0.238	-4.8	115	0.00
68		Hexachlorobenzene	0.241	0.247	-2.5	113	0.00
69		Atrazine	0.180	0.199	-10.6	119	0.00
70	C	Pentachlorophenol	0.132	0.149	-12.9	122	0.00
71		Phenanthrene	1.079	1.092	-1.2	113	0.00
72		Anthracene	1.085	1.113	-2.6	114	0.00
73		Carbazole	0.972	0.992	-2.1	114	0.00
74		Di-n-butylphthalate	0.893	1.029	-15.2	121	0.00
75	C	Fluoranthene	0.981	1.033	-5.3	116	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	112	0.00
77		Benzidine	0.681	0.815	-19.7	109	0.00
78		Pyrene	1.856	1.906	-2.7	116	0.00
79	S	Terphenyl-d14	1.368	1.237	9.6	103	0.00
80		Butylbenzylphthalate	0.318	0.401	-26.1#	131	0.00
81		Benzo(a)anthracene	1.333	1.357	-1.8	113	0.00
82		3,3'-Dichlorobenzidine	0.387	0.426	-10.1	124	0.00
83		Chrysene	1.227	1.232	-0.4	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.480	0.556	-15.8	121	0.00
85	c	Di-n-octyl phthalate	0.927	0.988	-6.6	120	0.00
86	I	Perylene-d12	1.000	1.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	1.488	1.581	-6.2	108	0.00
88		Benzo(b)fluoranthene	1.154	1.263	-9.4	121	0.00
89		Benzo(k)fluoranthene	1.101	1.091	0.9	99	0.00
90	C	Benzo(a)pyrene	1.091	1.165	-6.8	108	0.00
91		Dibenzo(a,h)anthracene	1.216	1.299	-6.8	109	0.00
92		Benzo(g,h,i)perylene	1.240	1.344	-8.4	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	106	0.00
2		1,4-Dioxane	40.000	38.242	4.4	101	0.00
3		Pyridine	40.000	41.009	-2.5	108	0.00
4		n-Nitrosodimethylamine	40.000	41.468	-3.7	111	0.00
5	S	2-Fluorophenol	80.000	78.799	1.5	105	0.00
6		Aniline	40.000	41.038	-2.6	110	0.00
7	S	Phenol-d6	80.000	78.598	1.8	105	0.00
8		2-Chlorophenol	40.000	42.397	-6.0	112	0.00
9		Benzaldehyde	40.000	37.115	7.2	82	0.00
10	C	Phenol	40.000	41.681	-4.2	111	0.00
11		bis(2-Chloroethyl)ether	40.000	40.848	-2.1	110	0.00
12		1,3-Dichlorobenzene	40.000	40.694	-1.7	109	0.00
13	C	1,4-Dichlorobenzene	40.000	40.539	-1.3	109	0.00
14		1,2-Dichlorobenzene	40.000	40.782	-2.0	109	0.00
15		Benzyl Alcohol	40.000	42.336	-5.8	113	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.273	-0.7	109	0.00
17		2-Methylphenol	40.000	41.532	-3.8	111	0.00
18		Hexachloroethane	40.000	43.239	-8.1	114	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.982	-5.0	112	0.00
20		3+4-Methylphenols	40.000	42.057	-5.1	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22		Acetophenone	40.000	40.351	-0.9	110	0.00
23	S	Nitrobenzene-d5	80.000	78.289	2.1	100	0.00
24		Nitrobenzene	40.000	44.647	-11.6	115	0.00
25		Isophorone	40.000	41.188	-3.0	111	0.00
26	C	2-Nitrophenol	40.000	44.317	-10.8	134	0.00
27		2,4-Dimethylphenol	40.000	42.064	-5.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.789	-2.0	111	0.00
29	C	2,4-Dichlorophenol	40.000	43.580	-8.9	114	0.00
30		1,2,4-Trichlorobenzene	40.000	41.194	-3.0	110	0.00
31		Naphthalene	40.000	40.543	-1.4	111	0.00
32		Benzoic acid	40.000	43.449	-8.6	126	0.00
33		4-Chloroaniline	40.000	41.236	-3.1	110	0.00
34	C	Hexachlorobutadiene	40.000	41.324	-3.3	110	0.00
35		Caprolactam	40.000	43.536	-8.8	114	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.387	-6.0	112	0.00
37		2-Methylnaphthalene	40.000	40.654	-1.6	111	0.00
38		1-Methylnaphthalene	40.000	40.922	-2.3	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.531	-1.3	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.086	-12.7	123	0.00
42	S	2,4,6-Tribromophenol	80.000	85.971	-7.5	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.955	-9.9	115	0.00
44		2,4,5-Trichlorophenol	40.000	43.001	-7.5	113	0.00
45	S	2-Fluorobiphenyl	80.000	69.090	13.6	97	0.00
46		1,1'-Biphenyl	40.000	40.387	-1.0	112	0.00
47		2-Chloronaphthalene	40.000	40.207	-0.5	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	43.148	-7.9	124	0.00
49		Acenaphthylene	40.000	40.736	-1.8	111	0.00
50		Dimethylphthalate	40.000	41.279	-3.2	113	0.00
51		2,6-Dinitrotoluene	40.000	43.156	-7.9	124	0.00
52	C	Acenaphthene	40.000	39.982	0.0	111	0.00
53		3-Nitroaniline	40.000	47.707	-19.3	123	0.00
54	P	2,4-Dinitrophenol	40.000	47.113	-17.8	149	0.00
55		Dibenzofuran	40.000	40.300	-0.7	111	0.00
56	P	4-Nitrophenol	40.000	45.720	-14.3	120	0.00
57		2,4-Dinitrotoluene	40.000	43.964	-9.9	125	0.00
58		Fluorene	40.000	39.732	0.7	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	44.902	-12.3	118	0.00
60		Diethylphthalate	40.000	42.297	-5.7	114	0.00
61		4-Chlorophenyl-phenylether	40.000	40.882	-2.2	112	0.00
62		4-Nitroaniline	40.000	47.486	-18.7	123	0.00
63		Azobenzene	40.000	40.833	-2.1	113	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	44.754	-11.9	138	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.179	-0.4	112	0.00
67		4-Bromophenyl-phenylether	40.000	41.782	-4.5	115	0.00
68		Hexachlorobenzene	40.000	40.915	-2.3	113	0.00
69		Atrazine	40.000	44.273	-10.7	119	0.00
70	C	Pentachlorophenol	40.000	44.978	-12.4	122	0.00
71		Phenanthrene	40.000	40.469	-1.2	113	0.00
72		Anthracene	40.000	40.999	-2.5	114	0.00
73		Carbazole	40.000	40.823	-2.1	114	0.00
74		Di-n-butylphthalate	40.000	46.099	-15.2	121	0.00
75	C	Fluoranthene	40.000	42.113	-5.3	116	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	112	0.00
77		Benzidine	40.000	47.827	-19.6	109	0.00
78		Pyrene	40.000	41.087	-2.7	116	0.00
79	S	Terphenyl-d14	80.000	72.317	9.6	103	0.00
80		Butylbenzylphthalate	40.000	43.340	-8.4	131	0.00
81		Benzo(a)anthracene	40.000	40.719	-1.8	113	0.00
82		3,3'-Dichlorobenzidine	40.000	44.044	-10.1	124	0.00
83		Chrysene	40.000	40.139	-0.3	115	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.166	-0.4	121	0.00
85	c	Di-n-octyl phthalate	40.000	38.648	3.4	120	0.00
86	I	Perylene-d12	20.000	20.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.503	-6.3	108	0.00
88		Benzo(b)fluoranthene	40.000	43.782	-9.5	121	0.00
89		Benzo(k)fluoranthene	40.000	39.662	0.8	99	0.00
90	C	Benzo(a)pyrene	40.000	42.724	-6.8	108	0.00
91		Dibenzo(a,h)anthracene	40.000	42.735	-6.8	109	0.00
92		Benzo(g,h,i)perylene	40.000	43.359	-8.4	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143101.D
Acq On : 15 Jul 2025 17:27
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Quant Time: Jul 15 17:54:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

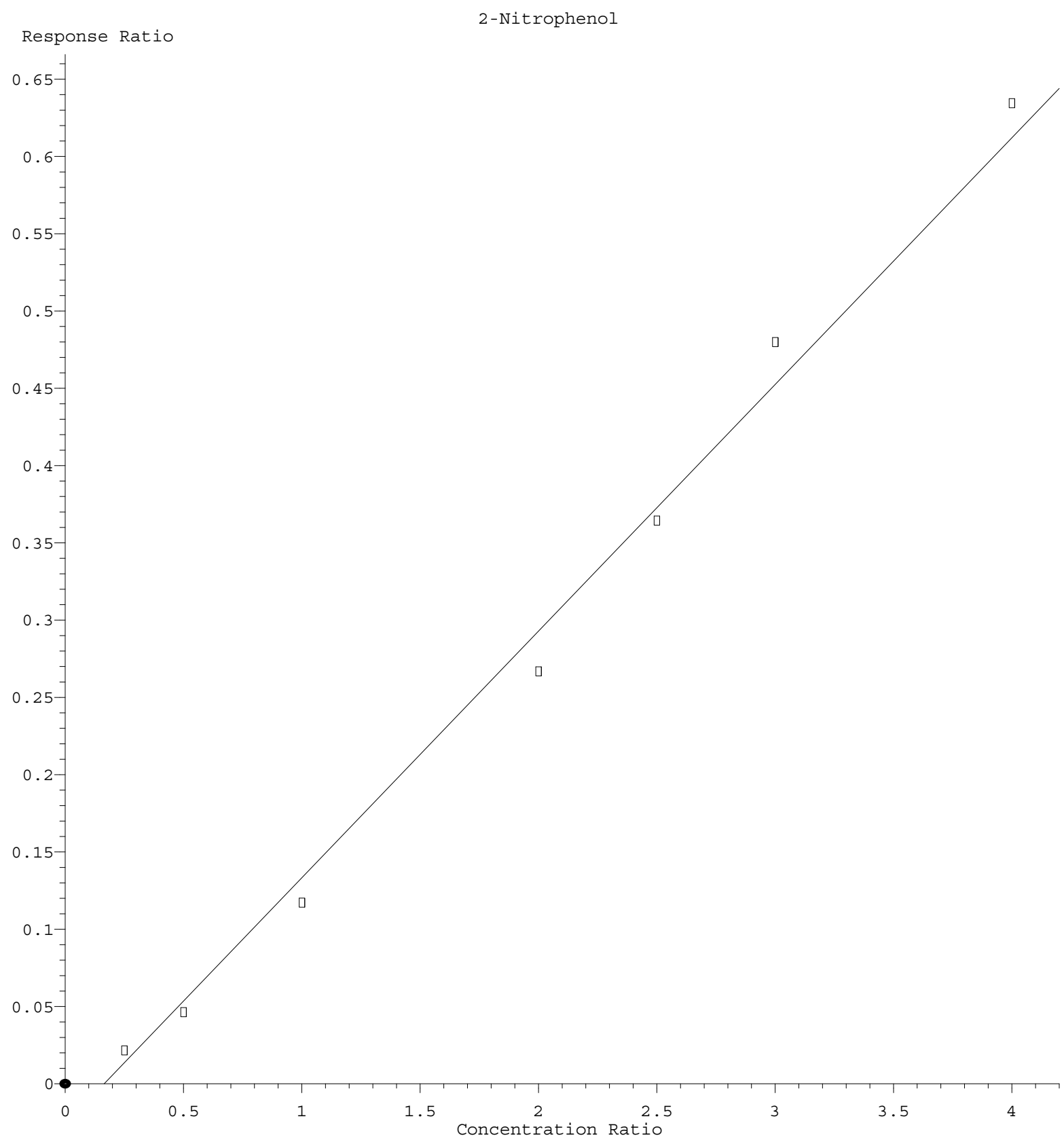
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

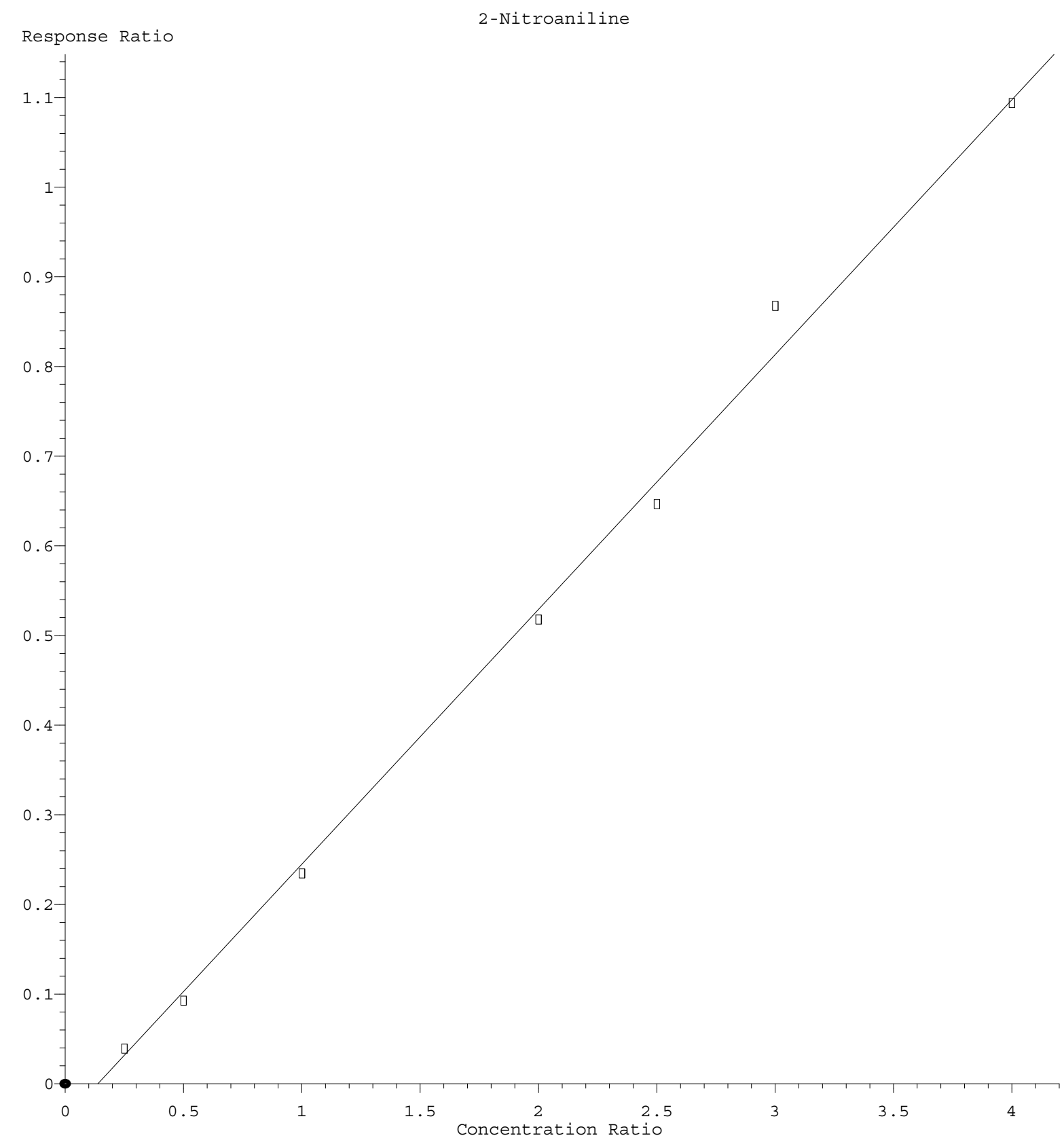
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

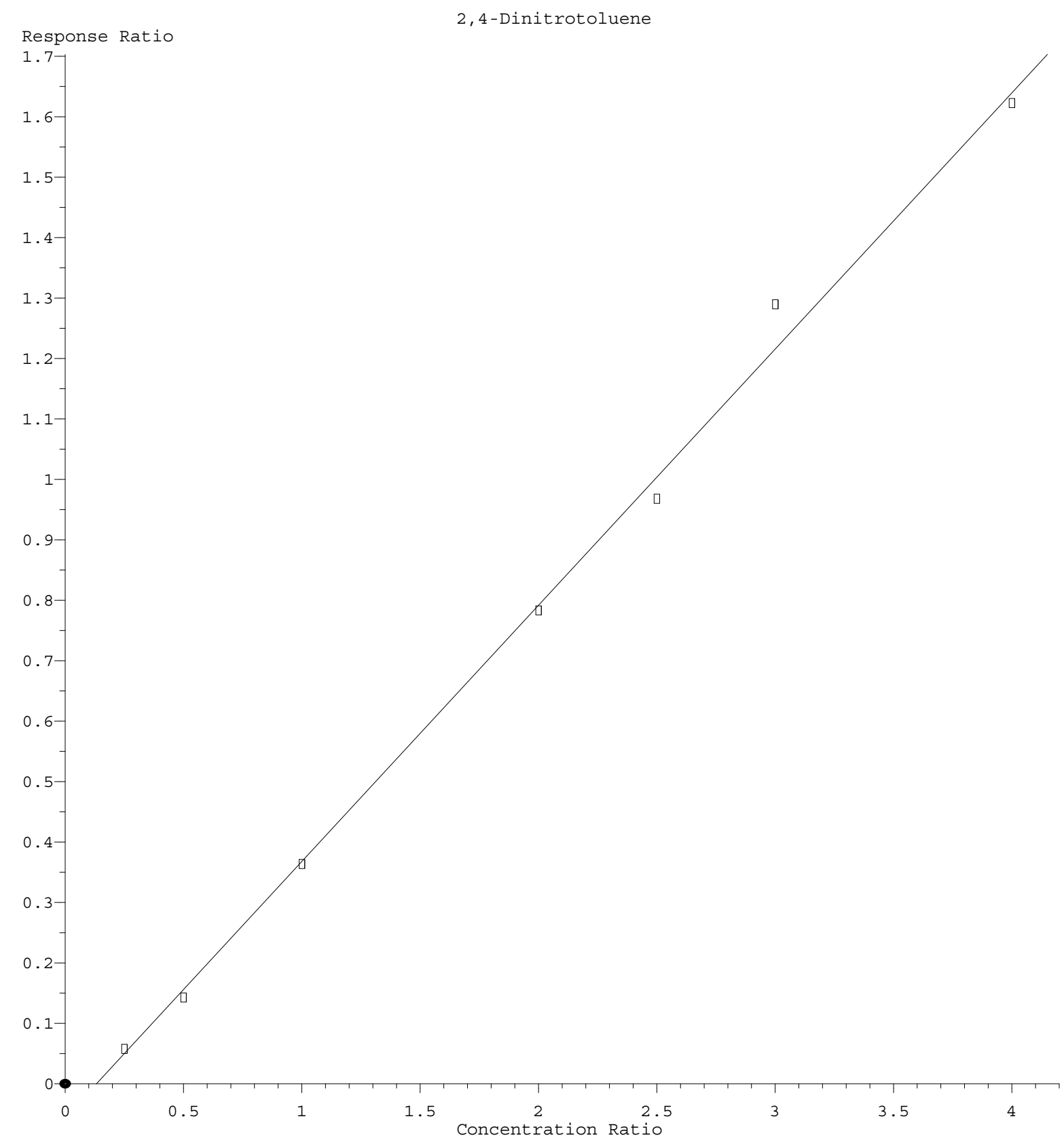
(#) = Out of Range



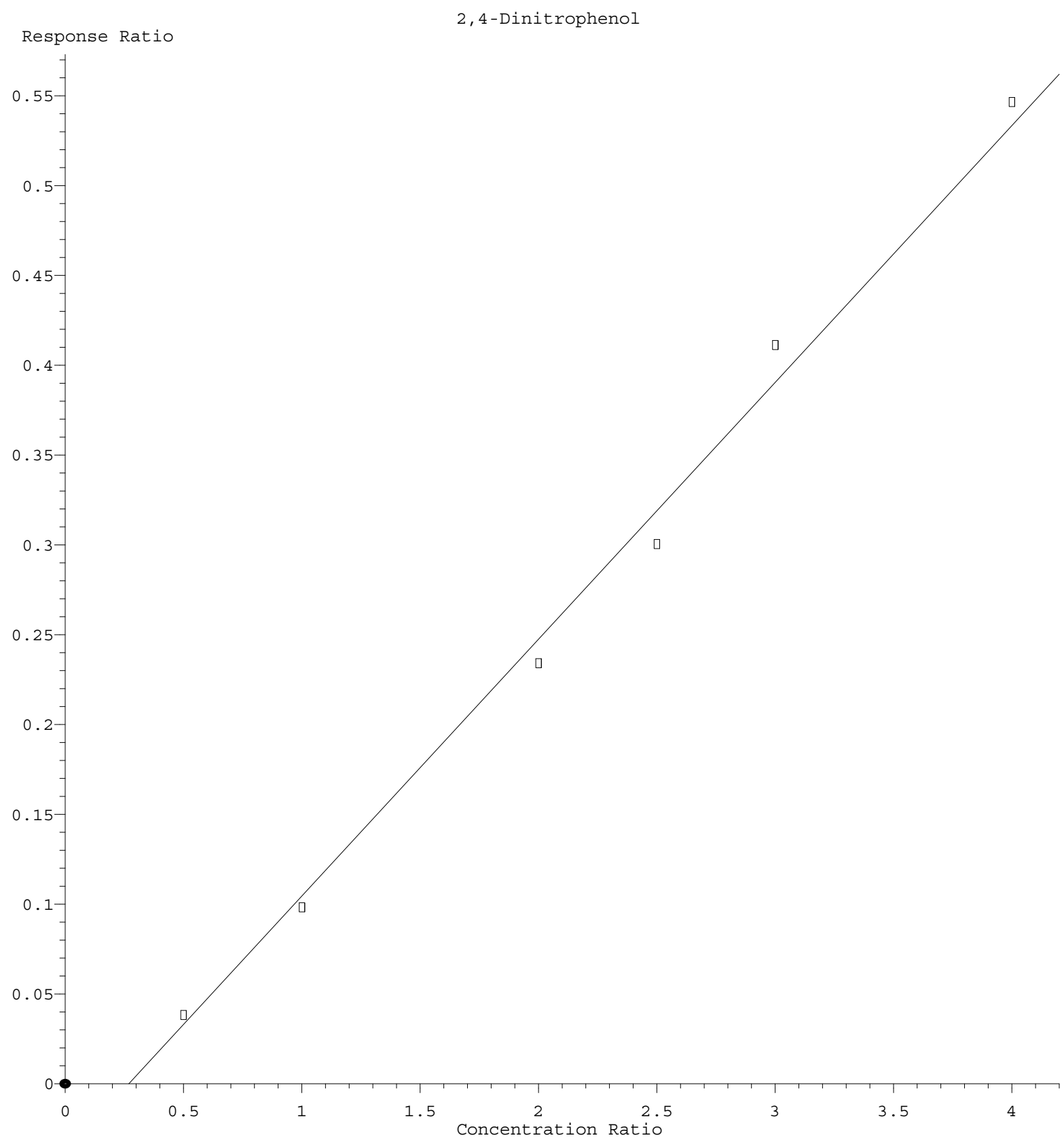
Response = 1.596e-001 * Amt - 2.635e-002
Coef of Det (r^2) = 0.992912 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



Response = 2.843e-001 * Amt - 3.930e-002
Coef of Det (r^2) = 0.996989 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

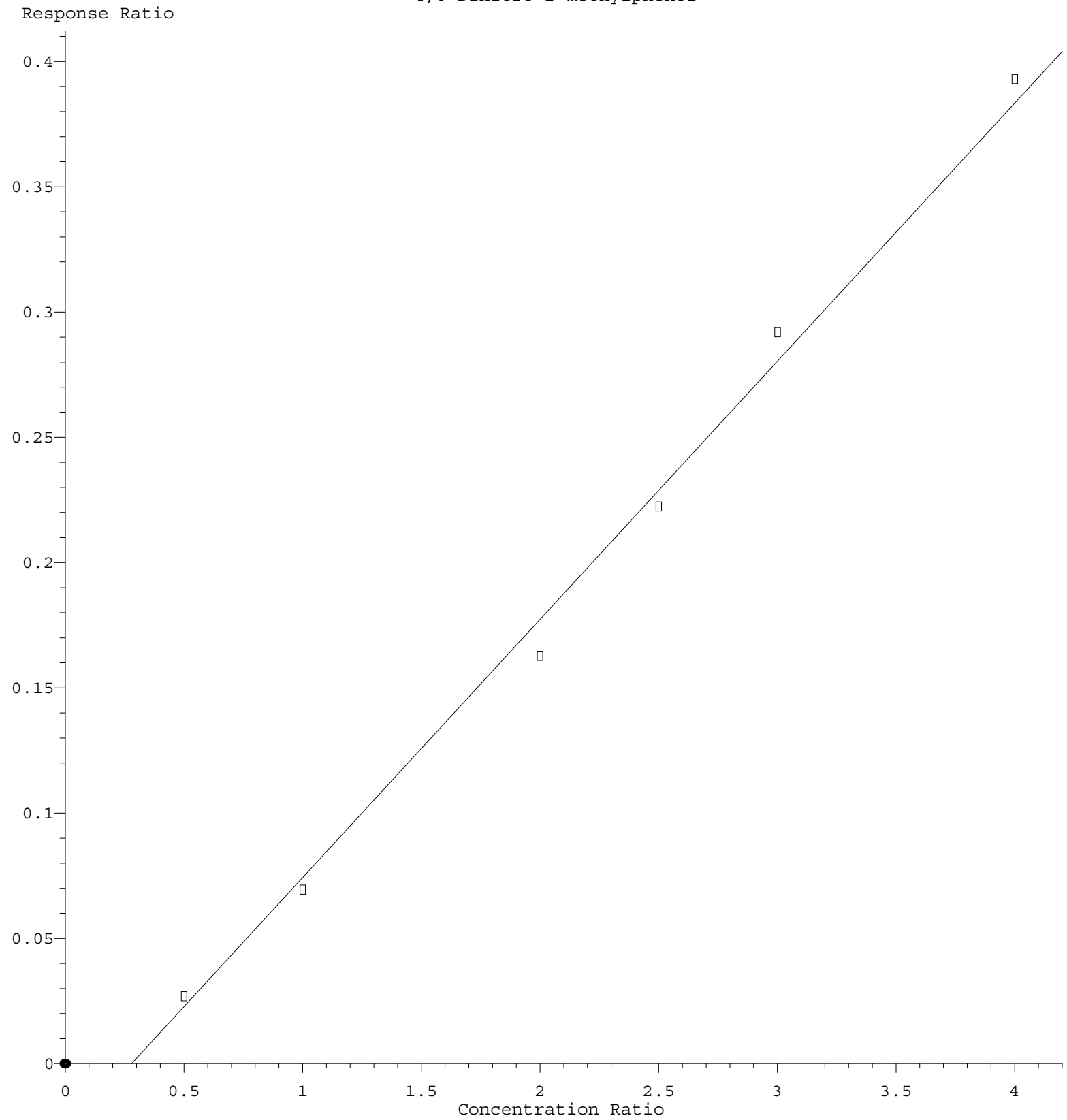


Response = 4.240e-001 * Amt - 5.591e-002
Coef of Det (r^2) = 0.997730 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

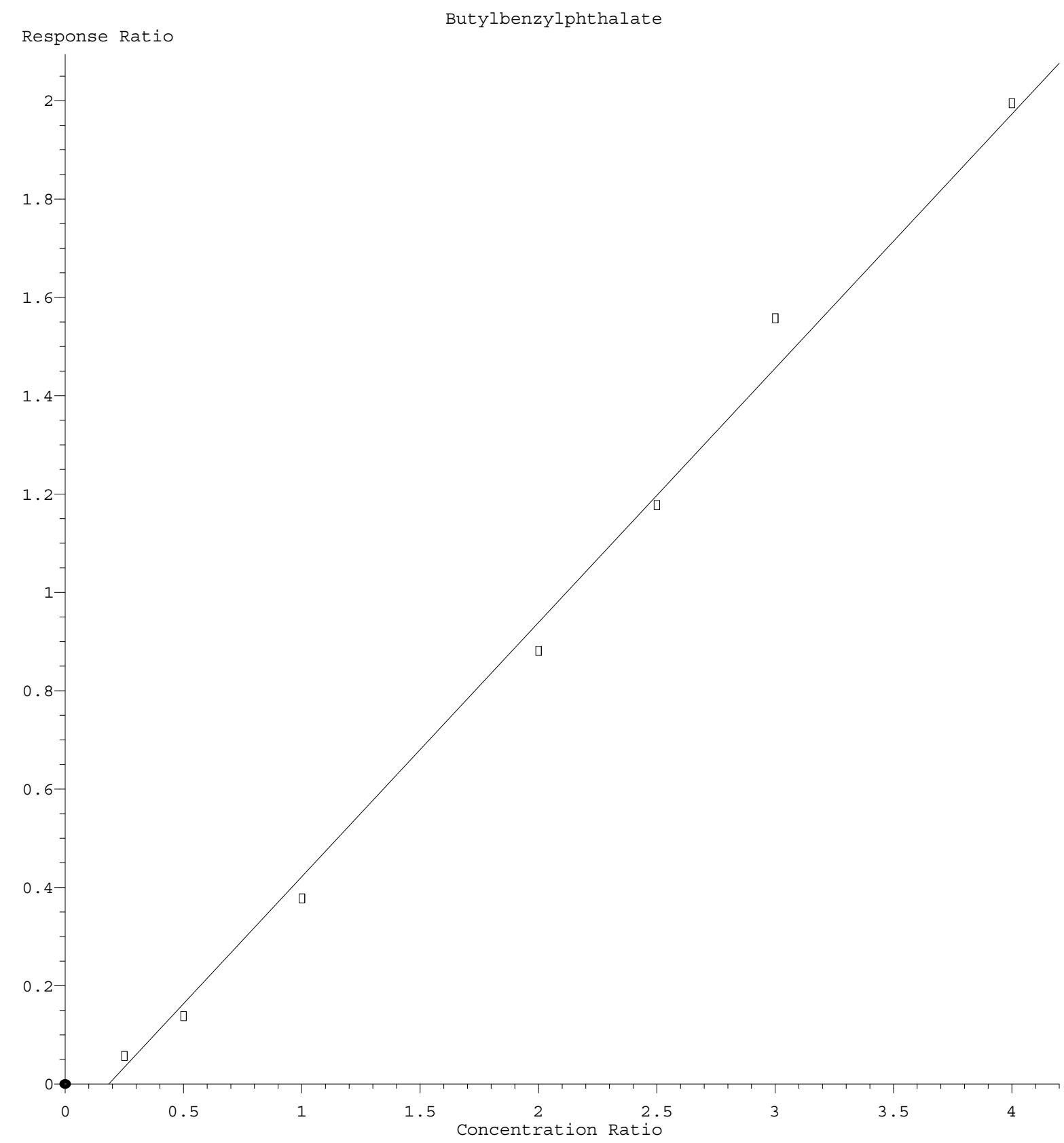


Response = 1.431e-001 * Amt - 3.852e-002
Coef of Det (r^2) = 0.995026 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

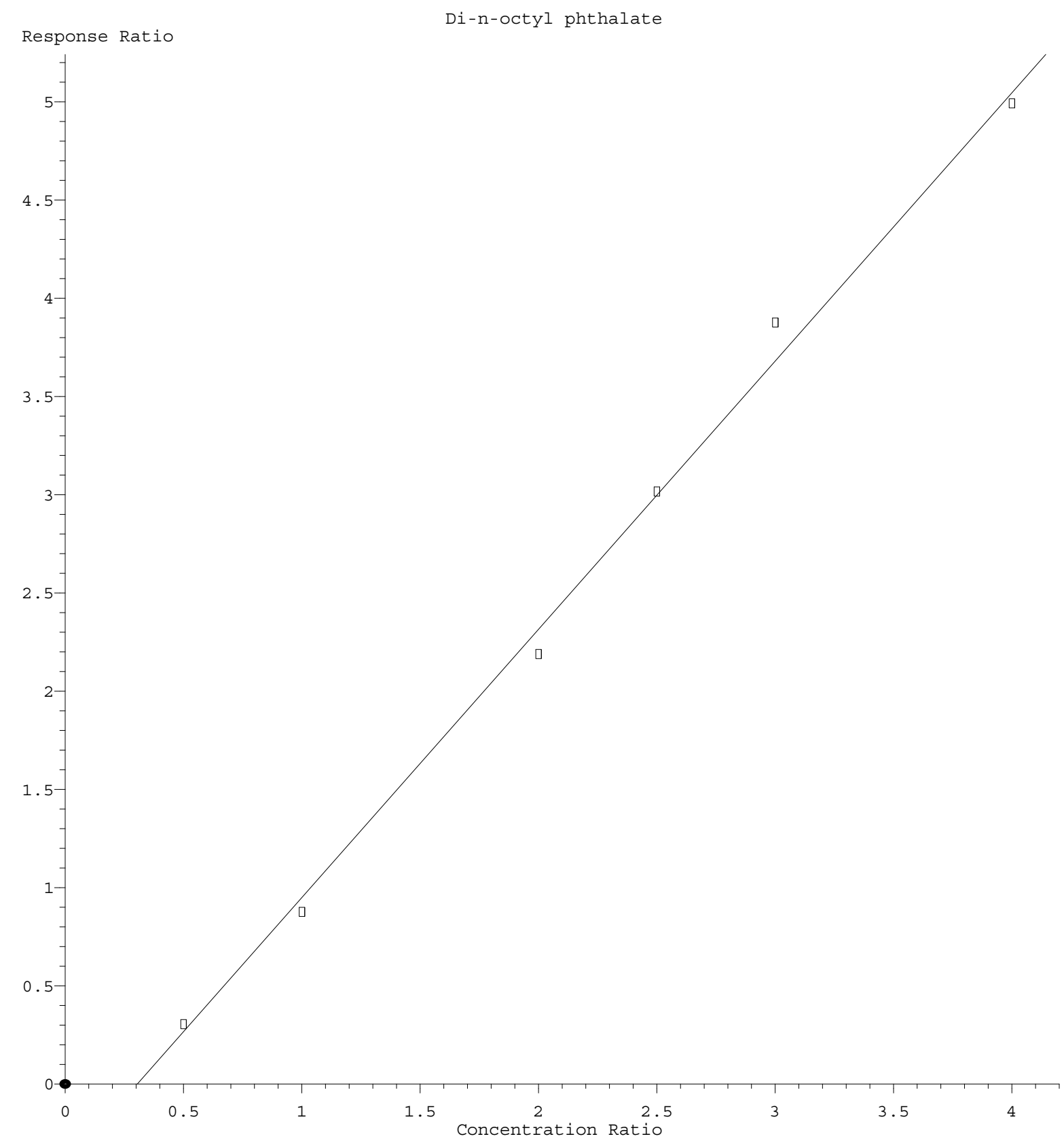
4,6-Dinitro-2-methylphenol



Response = 1.030e-001 * Amt - 2.873e-002
Coef of Det (r^2) = 0.995315 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



Response = 5.169e-001 * Amt - 9.516e-002
Coef of Det (r^2) = 0.994647 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025



Response = 1.366e+000 * Amt - 4.164e-001
Coef of Det (r^2) = 0.996792 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP070325.M
Calibration Table Last Updated: Thu Jul 03 16:05:44 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	360375	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1444138	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	947160	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1996879	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2099311	20.000	ng	0.00
86) Perylene-d12	24.465	264	2125718	20.000	ng	-0.03
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...	8.231	70	36693	2.331	ng	91

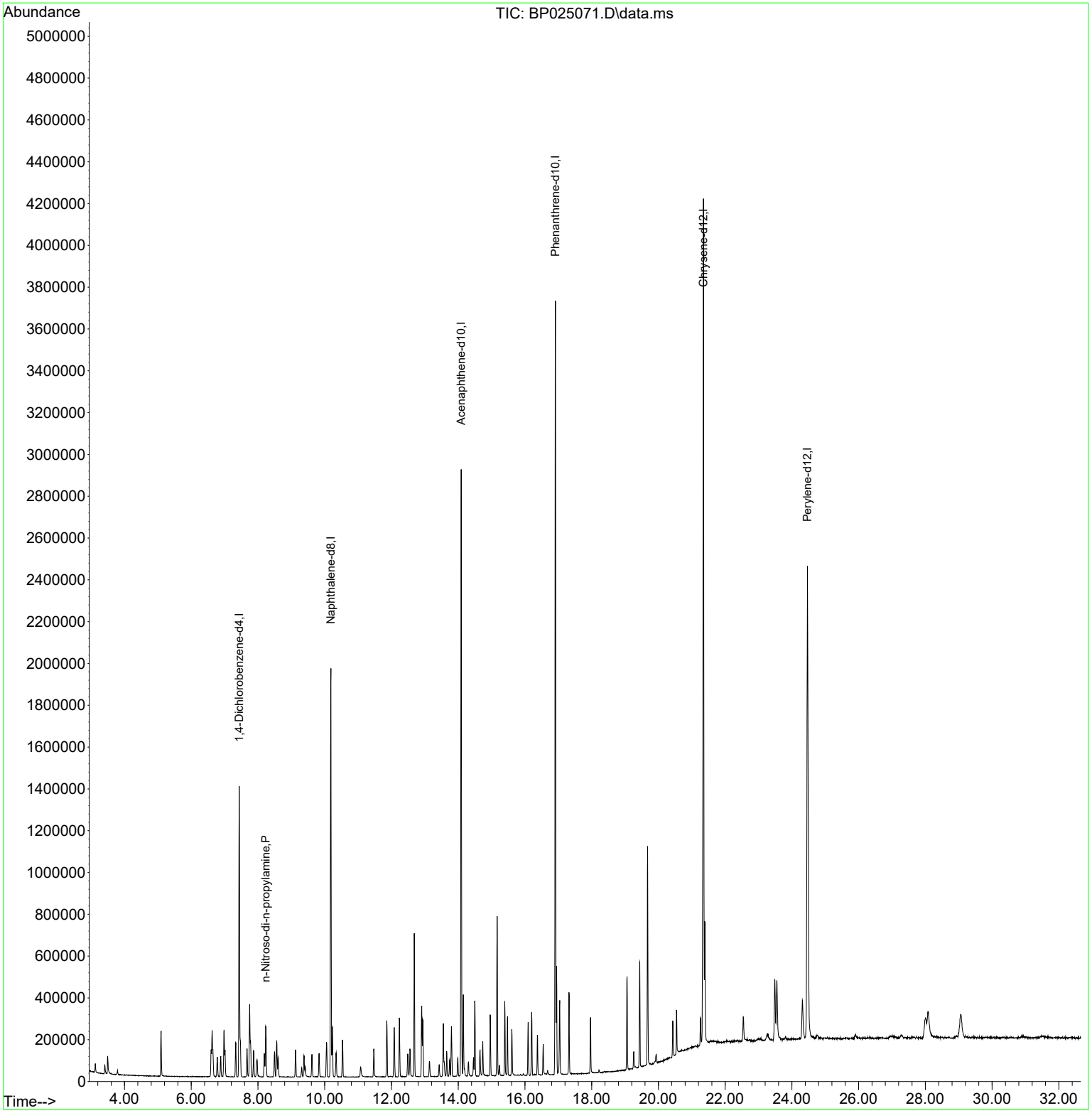
(#) = qualifier out of range (m) = manual integration (+) = signals summed

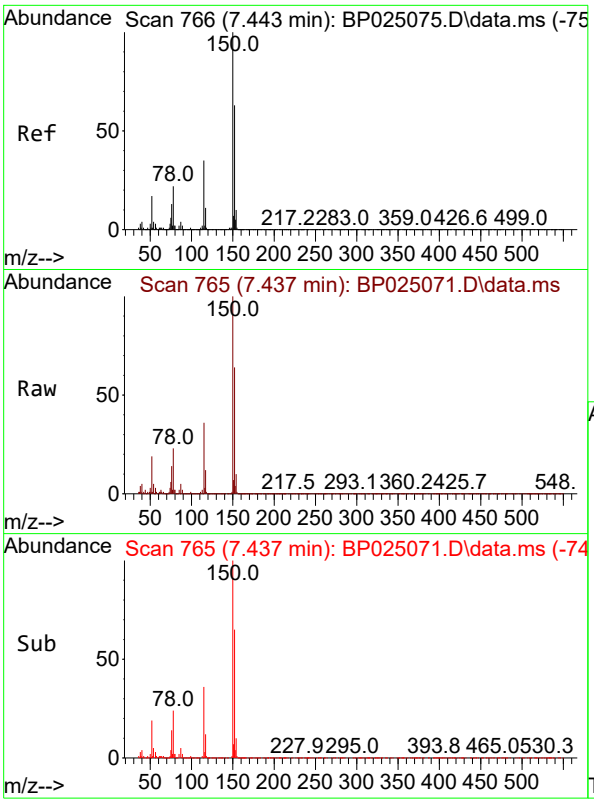
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



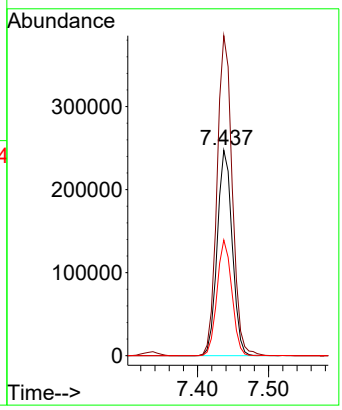


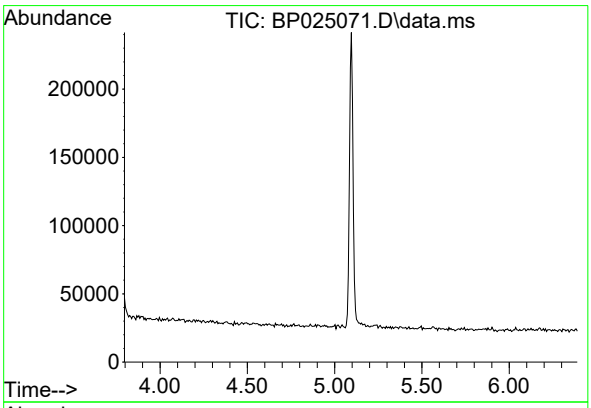
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 360375

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5



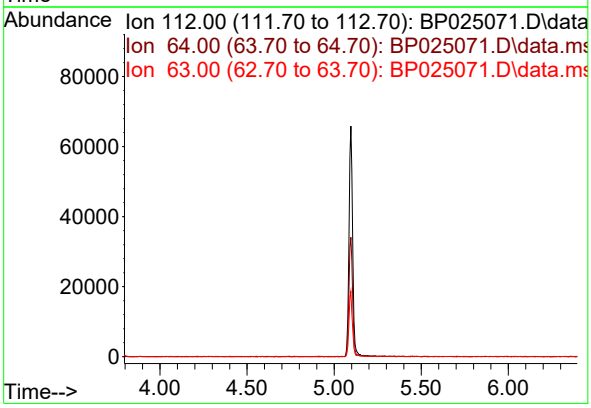


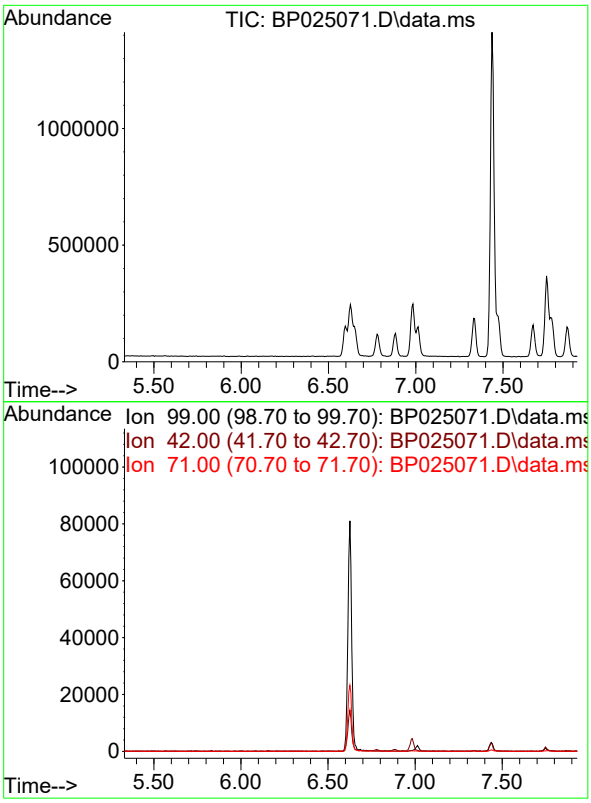
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.5
63	27.7





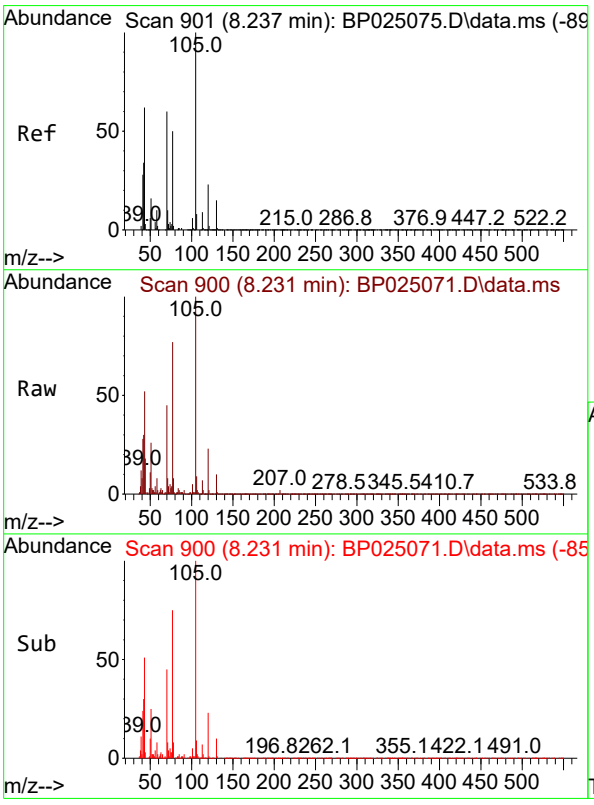
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.63 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

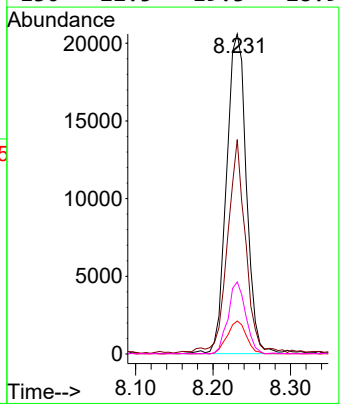
Sig	Exp Ratio
99	100
42	17.0
71	30.5

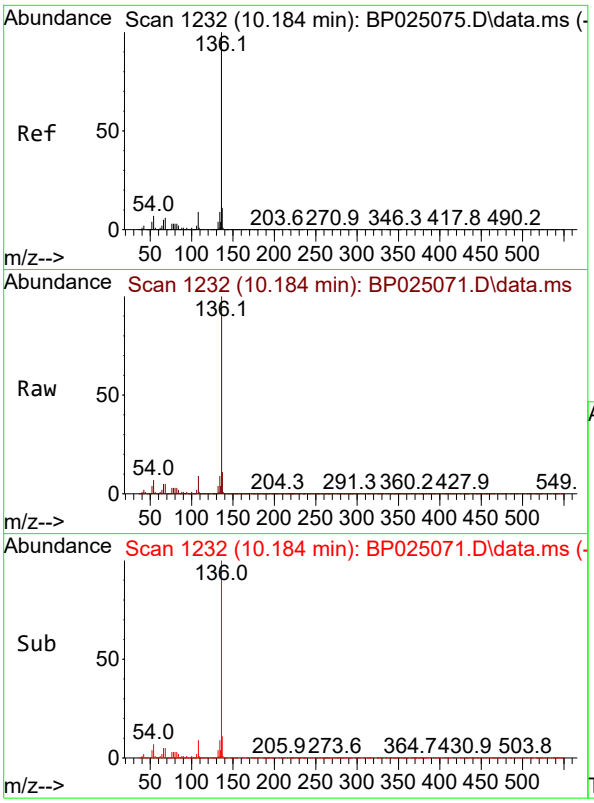


#19
n-Nitroso-di-n-propylamine
Concen: 2.331 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 70 Resp: 36693

Ion	Ratio	Lower	Upper
70	100		
42	67.0	46.5	69.7
101	10.3	7.9	11.9
130	22.5	19.3	28.9



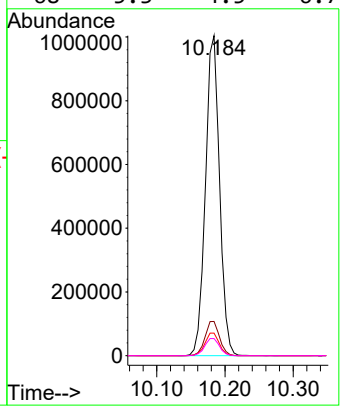


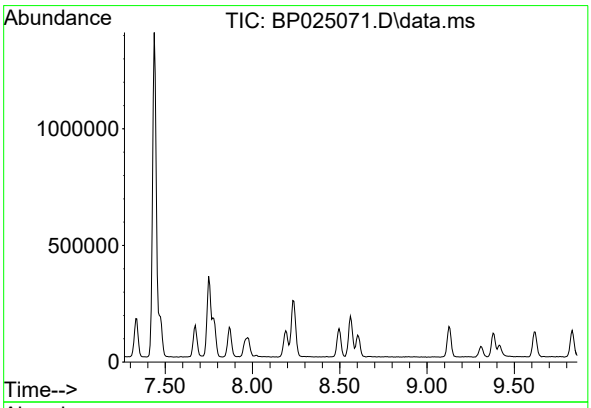
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1444138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	5.3	4.5	6.7



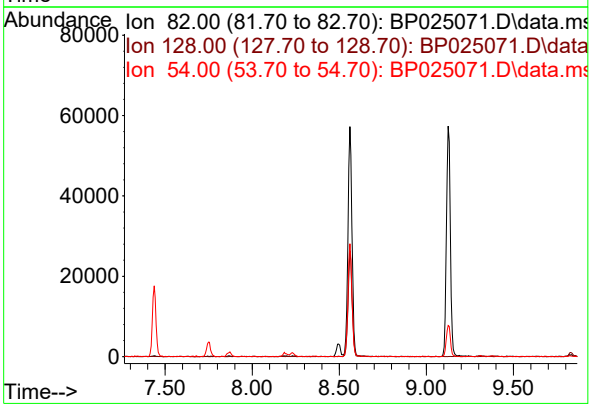


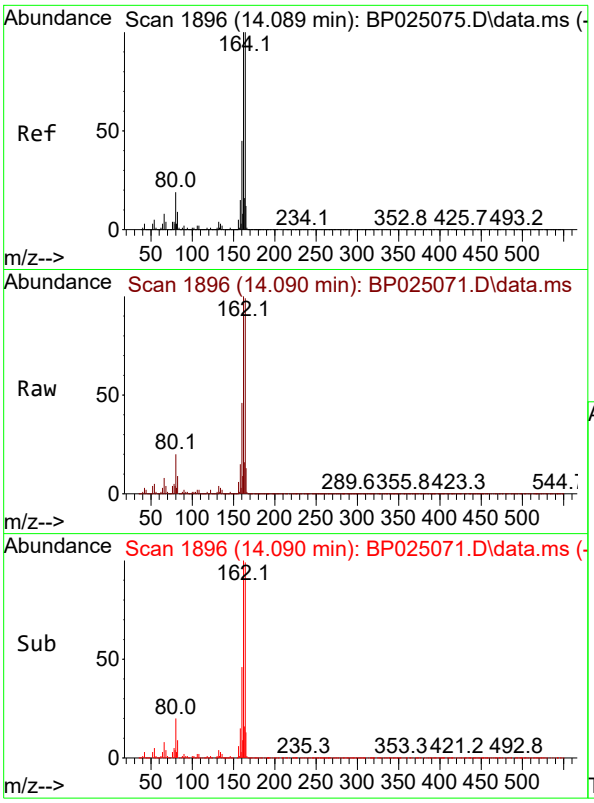
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.0
54	47.2



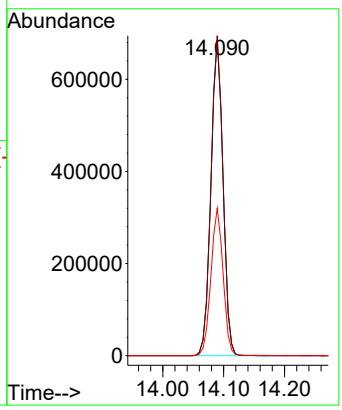


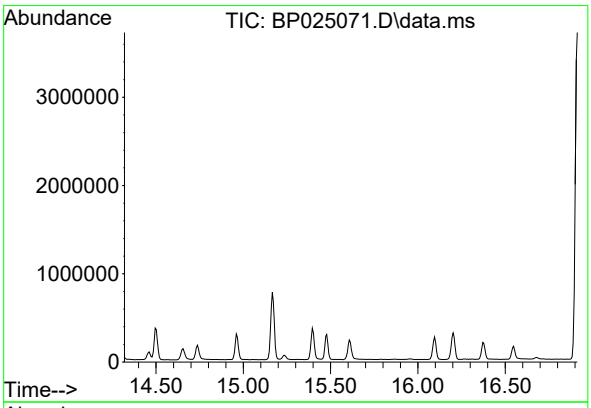
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 947160

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	46.7	35.9	53.9



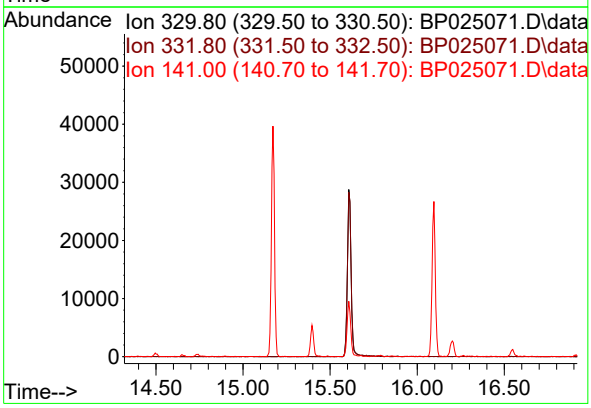


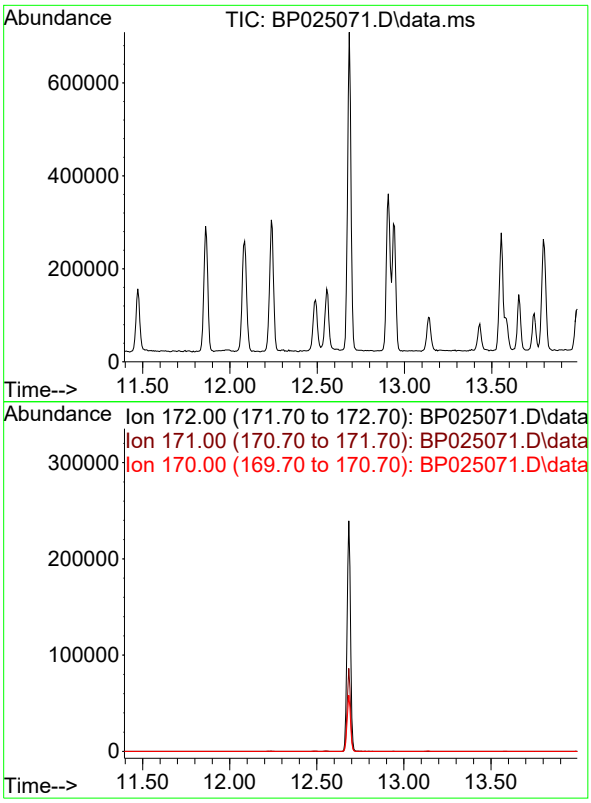
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	32.5





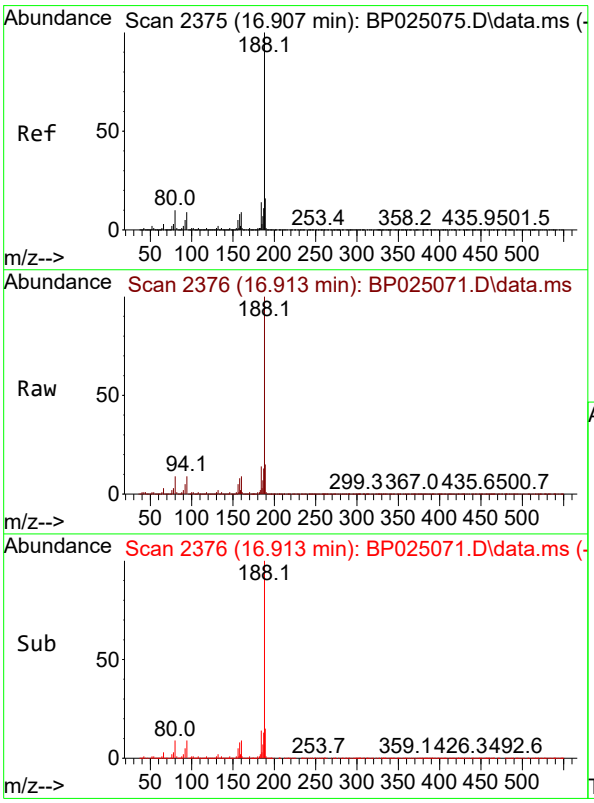
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.70 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

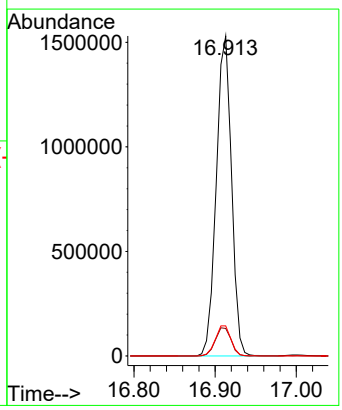
Sig	Exp Ratio
172	100
171	35.2
170	23.4

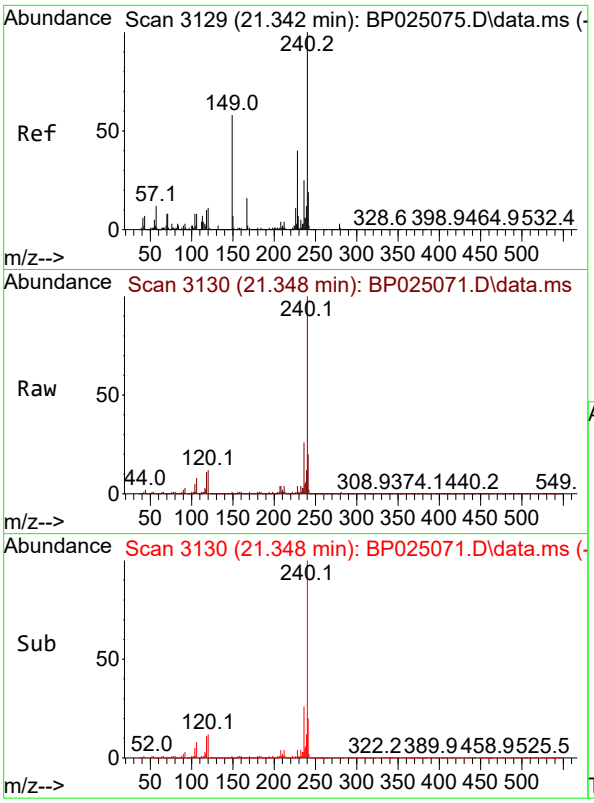


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion:188 Resp: 1996879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.4	7.8	11.6



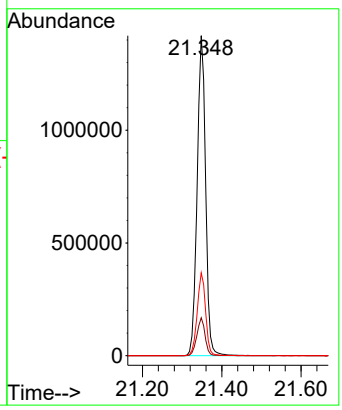


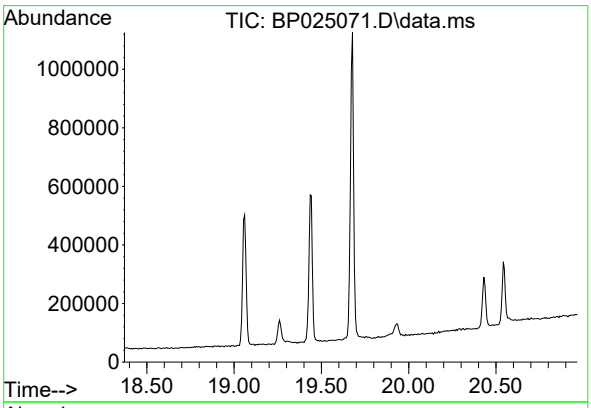
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2099311

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.9	20.3	30.5



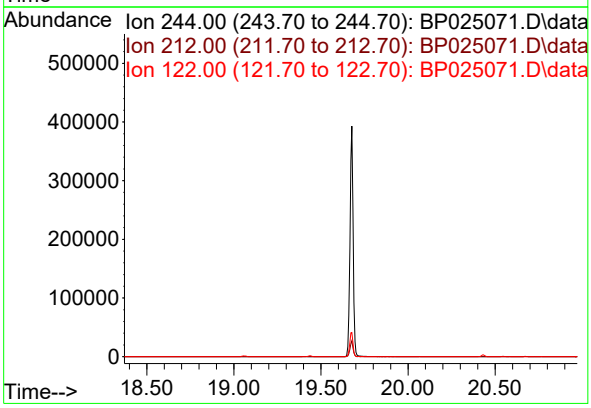


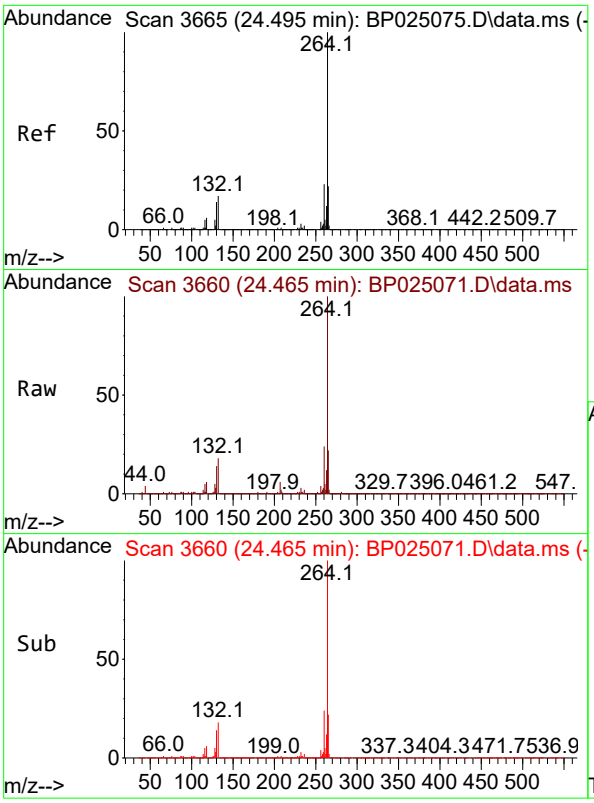
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.67 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	11.8



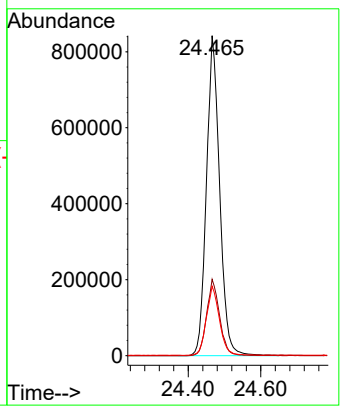


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2125718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	354349	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1455964	20.000	ng		0.00
39) Acenaphthene-d10	14.095	164	982759	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	1998531	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2143770	20.000	ng		0.00
86) Perylene-d12	24.495	264	2178150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	189521	9.477	ng		0.00
7) Phenol-d6	6.631	99	252937	9.692	ng		0.00
23) Nitrobenzene-d5	8.566	82	194218	8.871	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	95353	8.213	ng		0.00
45) 2-Fluorobiphenyl	12.695	172	657518	10.365	ng		0.00
79) Terphenyl-d14	19.683	244	1010825	10.363	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	41667	5.358	ng		98
3) Pyridine	3.496	79	104170	4.896	ng		97
6) Aniline	6.784	93	118174	4.846	ng		99
8) 2-Chlorophenol	7.019	128	111121	4.966	ng		99
10) Phenol	6.655	94	130527	4.922	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	105128	5.151	ng		98
12) 1,3-Dichlorobenzene	7.337	146	129394	5.167	ng		98
13) 1,4-Dichlorobenzene	7.478	146	132919	5.242	ng		99
14) 1,2-Dichlorobenzene	7.784	146	128817	5.282	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.978	45	140624	5.299	ng		97
17) 2-Methylphenol	7.878	107	78577	4.600	ng		96
18) Hexachloroethane	8.501	117	42157	5.104	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	76382	4.935	ng		96
22) Acetophenone	8.243	105	174562	5.070	ng	#	98
24) Nitrobenzene	8.607	77	102014	4.575	ng		97
25) Isophorone	9.137	82	190993	4.668	ng		98
26) 2-Nitrophenol	9.319	139	31408	6.004	ng		98
27) 2,4-Dimethylphenol	9.384	122	72542	4.753	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	137622	4.954	ng		97
29) 2,4-Dichlorophenol	9.837	162	88262	4.171	ng		98
30) 1,2,4-Trichlorobenzene	10.060	180	116080	4.953	ng		94
31) Naphthalene	10.237	128	384889	5.134	ng		100
33) 4-Chloroaniline	10.348	127	130394	4.661	ng		99
34) Hexachlorobutadiene	10.543	225	67982	5.055	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	94437	4.270	ng		98
37) 2-Methylnaphthalene	11.866	142	263643	4.984	ng		100
38) 1-Methylnaphthalene	12.090	142	257270	4.987	ng		98
40) 1,2,4,5-Tetrachloroben...	12.242	216	136193	4.822	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	66524	3.890	ng		96
44) 2,4,5-Trichlorophenol	12.560	196	80137	4.135	ng		96
46) 1,1'-Biphenyl	12.907	154	364077	5.092	ng		99
47) 2-Chloronaphthalene	12.942	162	269579	5.016	ng		97
48) 2-Nitroaniline	13.142	65	38515	5.521	ng		94
49) Acenaphthylene	13.807	152	388781	4.726	ng		100
50) Dimethylphthalate	13.554	163	335065	4.871	ng		99
51) 2,6-Dinitrotoluene	13.654	165	48991	3.651	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.166	154	266690m	5.030	ng		
53) 3-Nitroaniline	13.984	138	50202	3.491	ng	#	87
55) Dibenzofuran	14.507	168	449302	5.135	ng		100
57) 2,4-Dinitrotoluene	14.466	165	56730	5.360	ng	#	97
58) Fluorene	15.166	166	339444	5.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	74947	4.270	ng		97
60) Diethylphthalate	14.960	149	336119	4.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	174567	5.212	ng		97
62) 4-Nitroaniline	15.172	138	54190	3.594	ng		90
63) Azobenzene	15.472	77	307304	4.995	ng		96
66) n-Nitrosodiphenylamine	15.389	169	278113	4.863	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	95310	4.658	ng		93
68) Hexachlorobenzene	16.195	284	127389	5.093	ng		94
69) Atrazine	16.389	200	77424	4.620	ng		99
71) Phenanthrene	16.948	178	550598	5.156	ng		99
72) Anthracene	17.054	178	498692	4.868	ng		99
73) Carbazole	17.330	167	476619	4.758	ng		99
74) Di-n-butylphthalate	17.966	149	464272	4.162	ng		99
75) Fluoranthene	19.054	202	584660	4.684	ng		99
78) Pyrene	19.430	202	630754	4.750	ng		98
80) Butylbenzylphthalate	20.442	149	122350	5.890	ng		93
81) Benzo(a)anthracene	21.330	228	614350	4.729	ng		99
83) Chrysene	21.395	228	626717	5.013	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	246749	3.541	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	546143m	3.935	ng		
88) Benzo(b)fluoranthene	23.507	252	560057	4.418	ng		98
89) Benzo(k)fluoranthene	23.571	252	582662	4.619	ng		99
90) Benzo(a)pyrene	24.354	252	444644	4.121	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	457436	3.988	ng		99
92) Benzo(g,h,i)perylene	29.112	276	498456	4.207	ng		98

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
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Instrument :
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ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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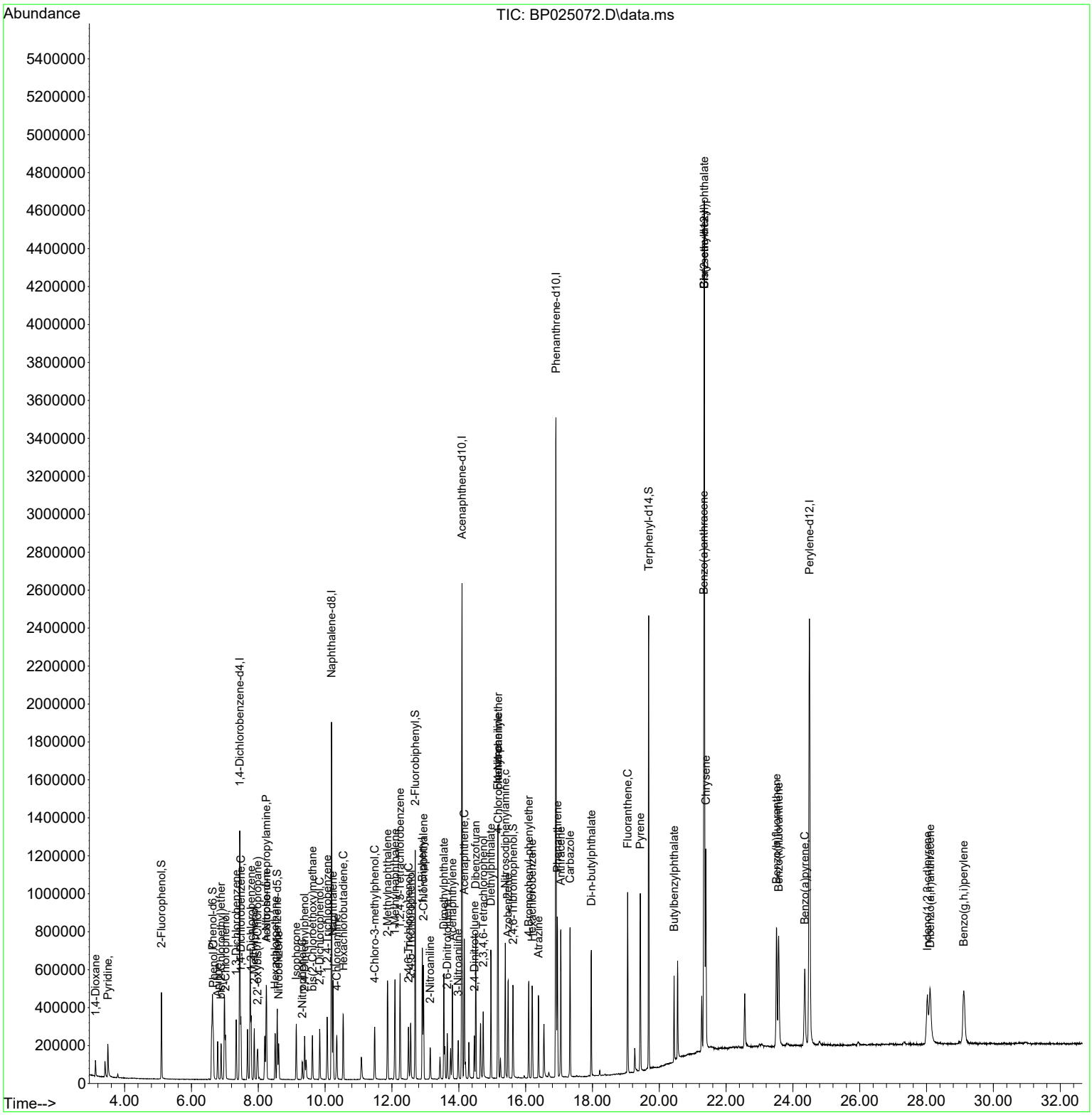
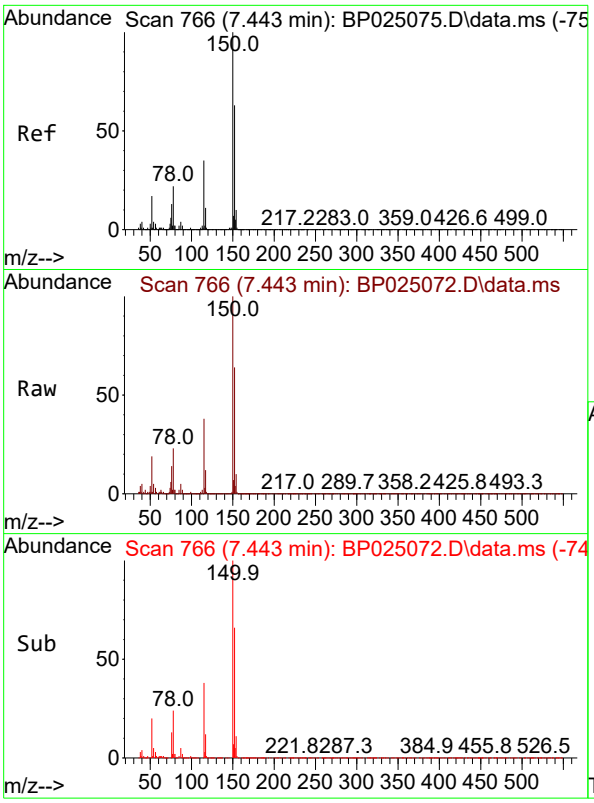
Supervised By :Jagrut Upadhyay 07/07/2025

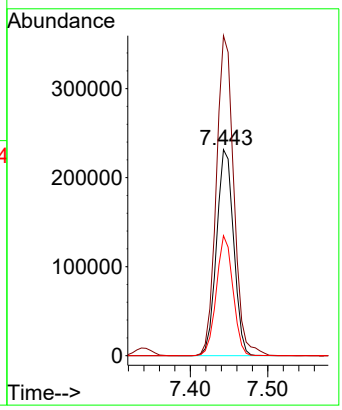




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 35434

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	58.2	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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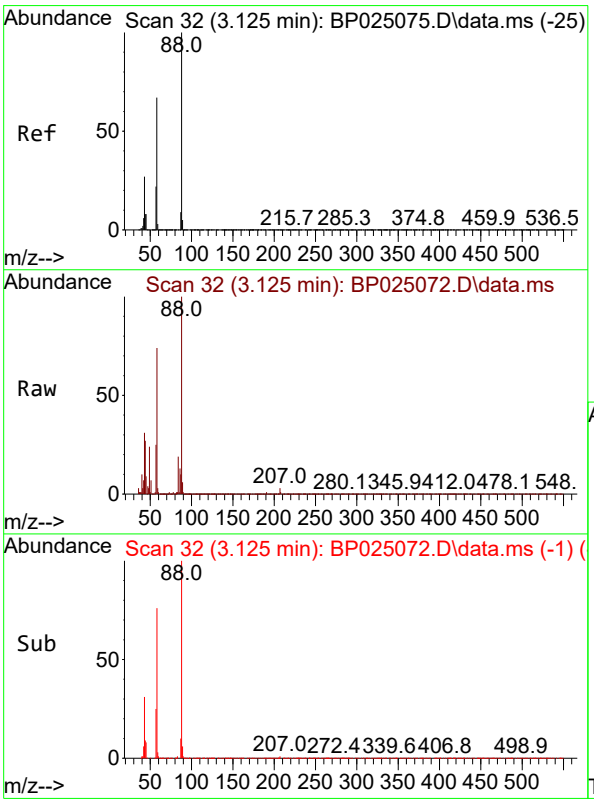
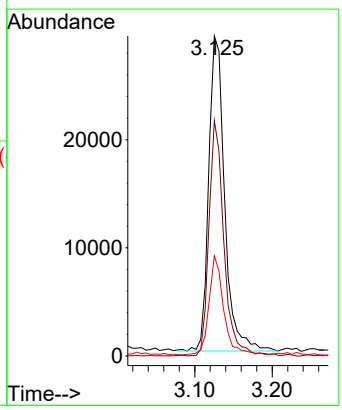
Supervised By :Jagrut Upadhyay 07/07/2025

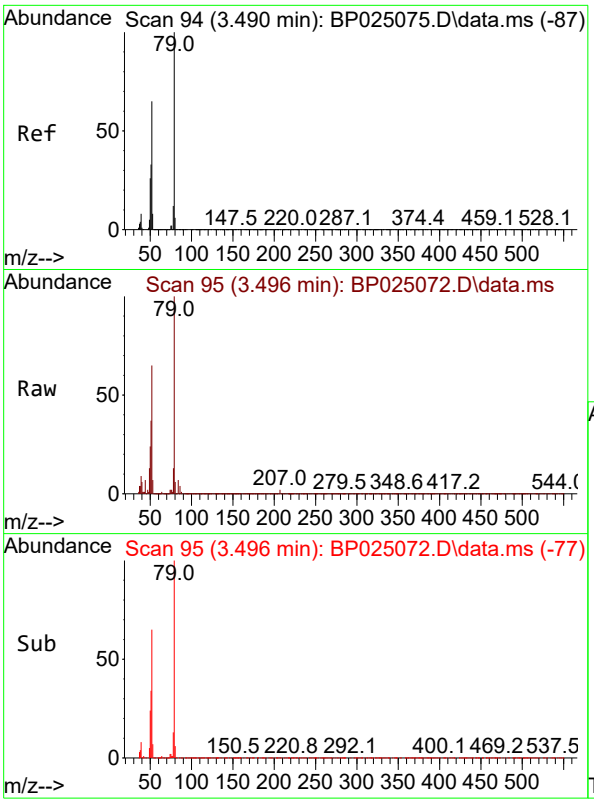


#2
1,4-Dioxane
Concen: 5.358 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 88 Resp: 41667

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.0	82.4
43	28.9	21.9	32.9

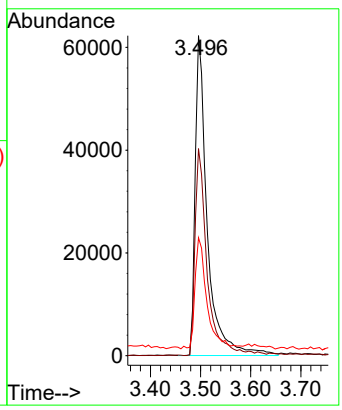




#3
Pyridine
Concen: 4.896 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 79 Resp: 10417

Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.2	78.4
51	36.8	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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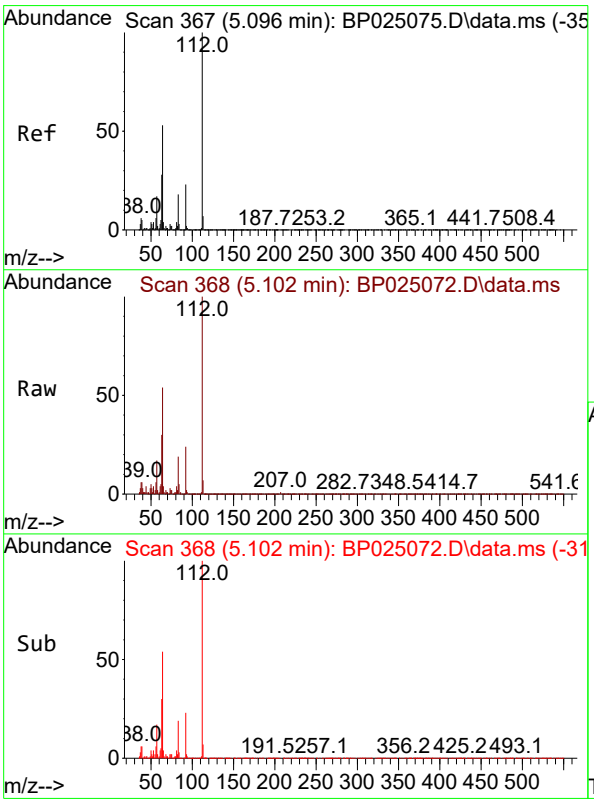
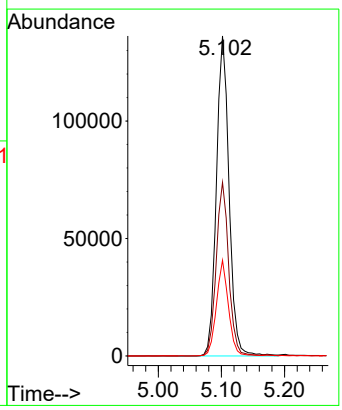
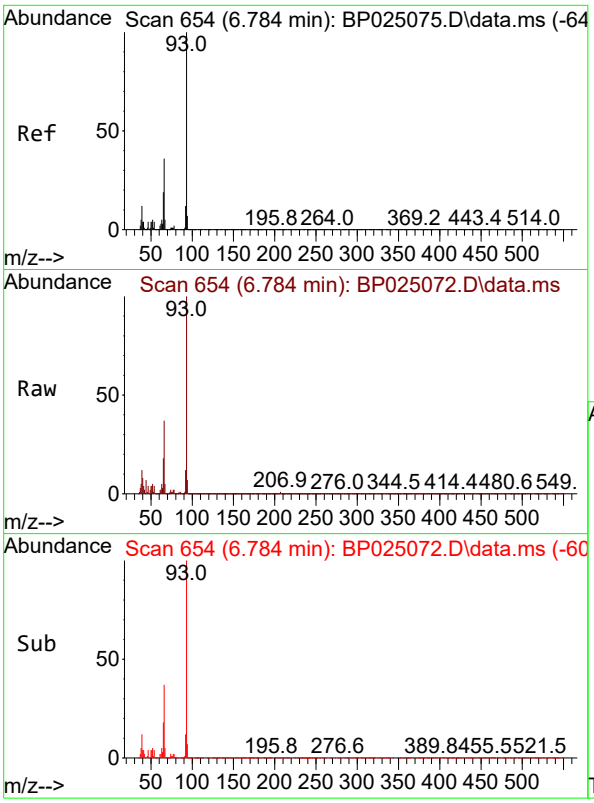


#5
2-Fluorophenol
Concen: 9.477 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:112 Resp: 189521

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.0	63.0
63	29.9	22.2	33.2

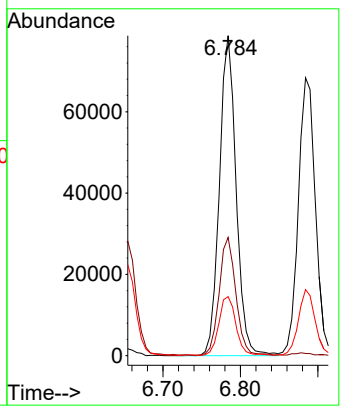




#6
Aniline
Concen: 4.846 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 11817

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.4	15.2	22.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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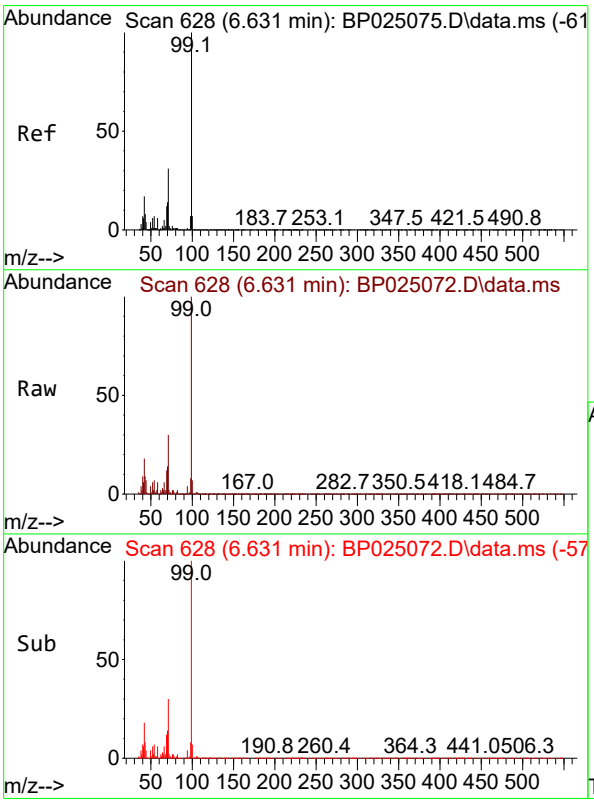
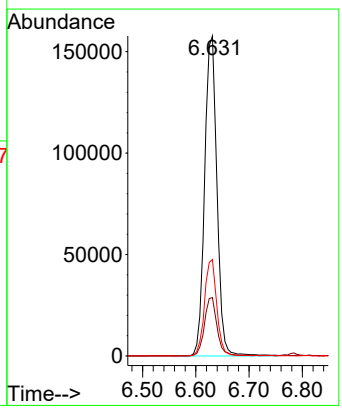
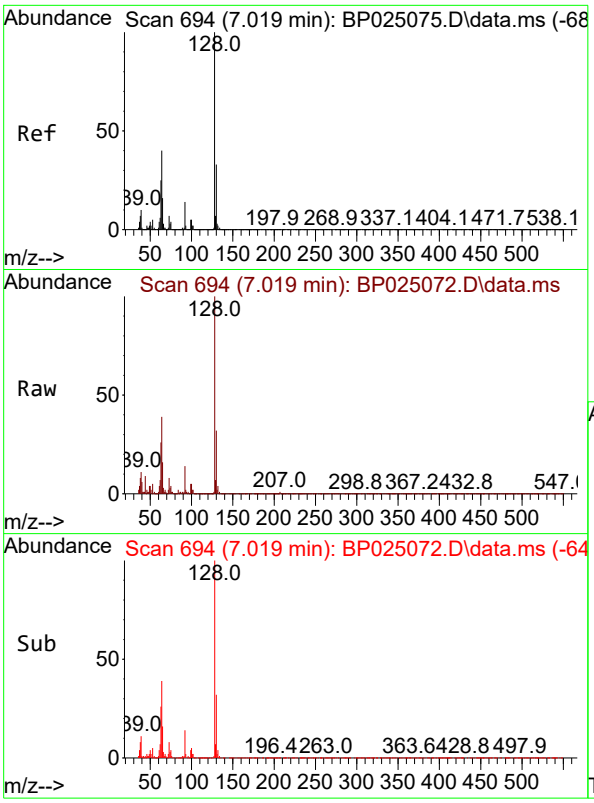


#7
Phenol-d6
Concen: 9.692 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 99 Resp: 252937

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	30.1	24.4	36.6

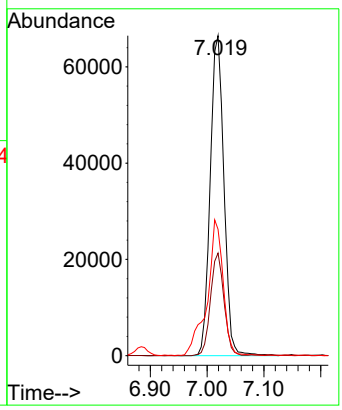




#8
2-Chlorophenol
Concen: 4.966 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:128 Resp: 11112

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	39.5	20.3	60.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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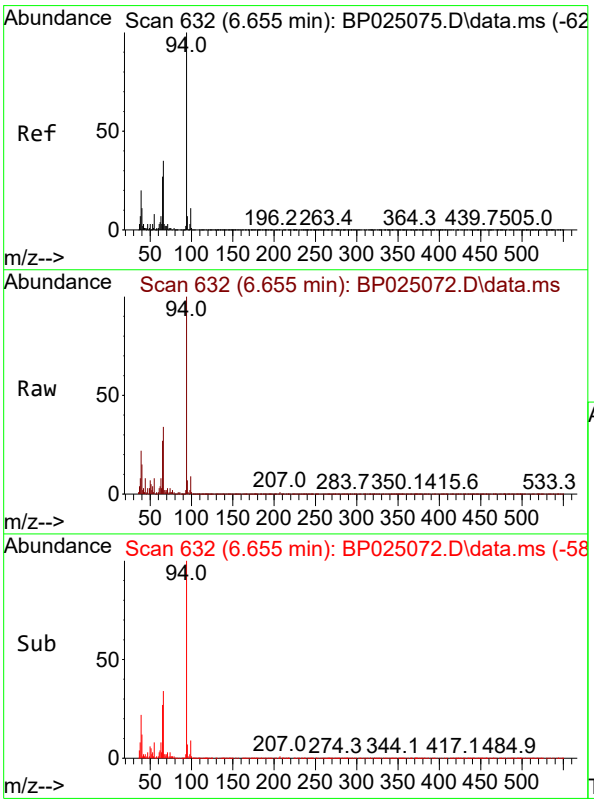
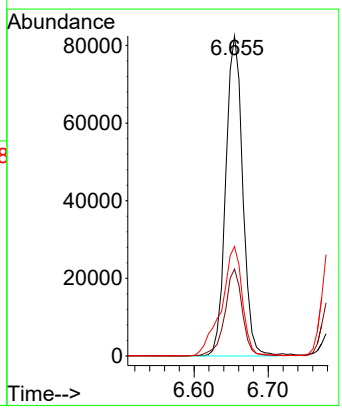
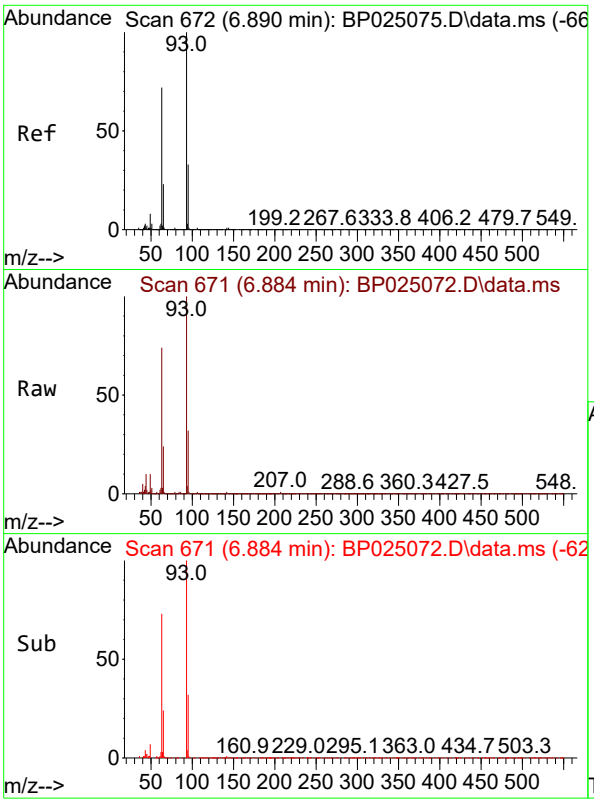


#10
Phenol
Concen: 4.922 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 94 Resp: 130527

Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.9	46.9
66	34.2	14.6	54.6

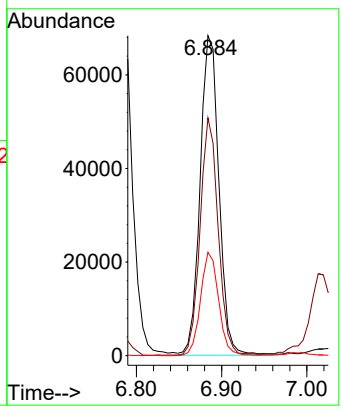




#11
bis(2-Chloroethyl)ether
Concen: 5.151 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 10512

Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	32.3	12.4	52.4



Instrument :
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SSTDICC005

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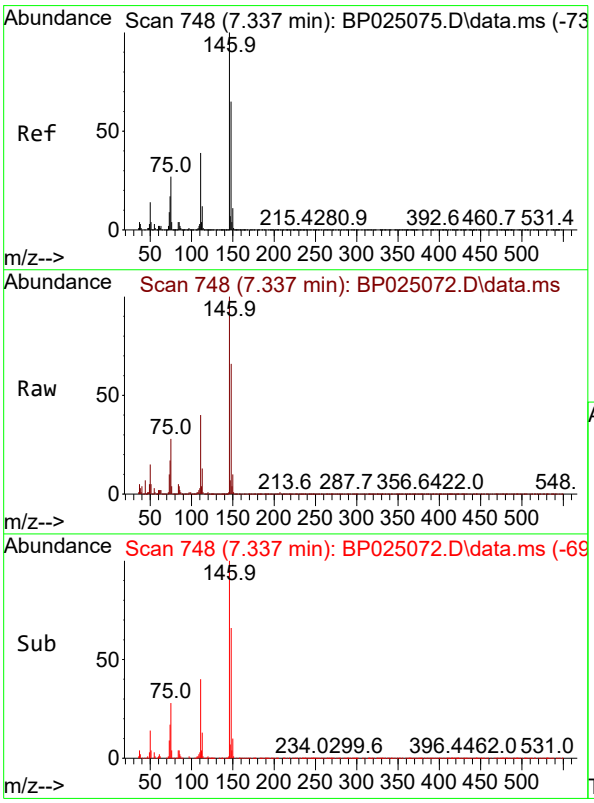
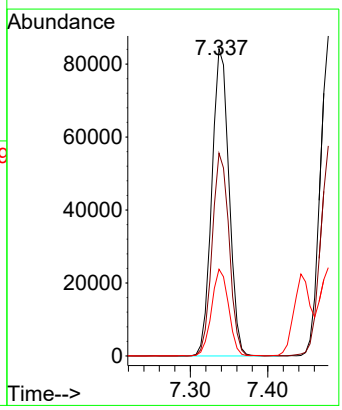
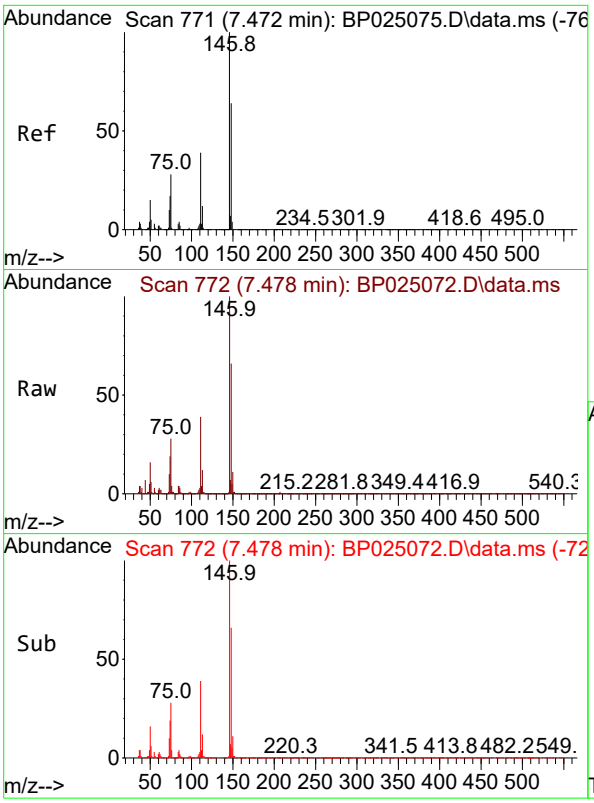


#12
1,3-Dichlorobenzene
Concen: 5.167 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 129394

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
75	28.2	21.8	32.6

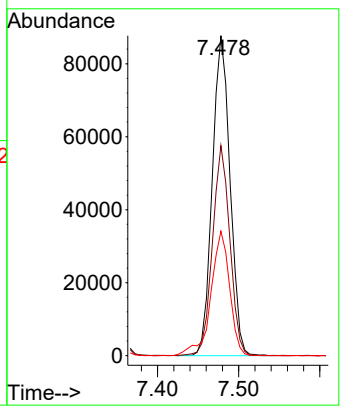




#13
1,4-Dichlorobenzene
Concen: 5.242 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 13291

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	38.9	31.2	46.8



Instrument :
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ClientSampleId :
SSTDICC005

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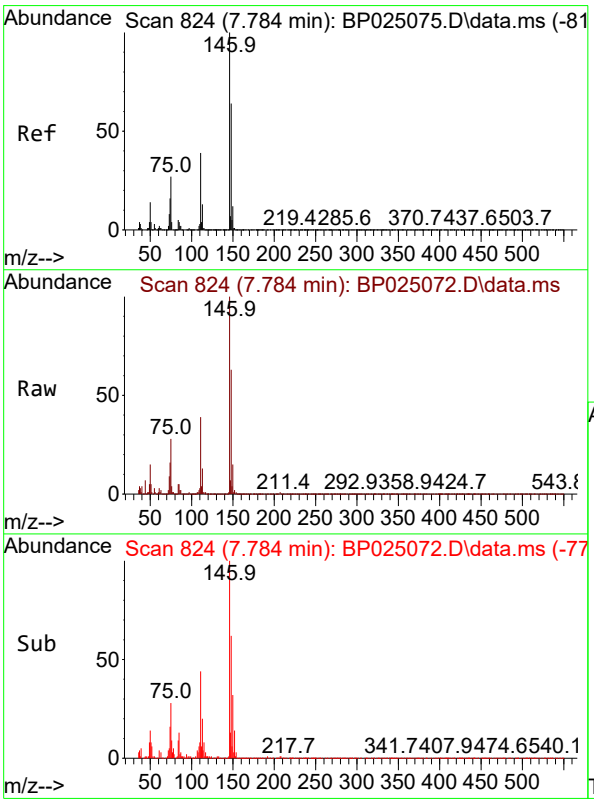
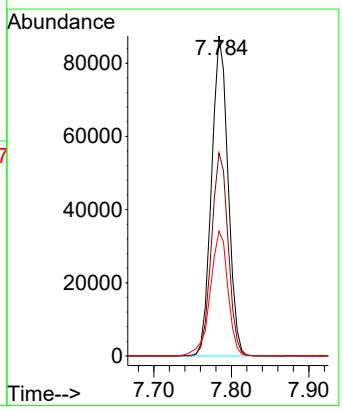
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

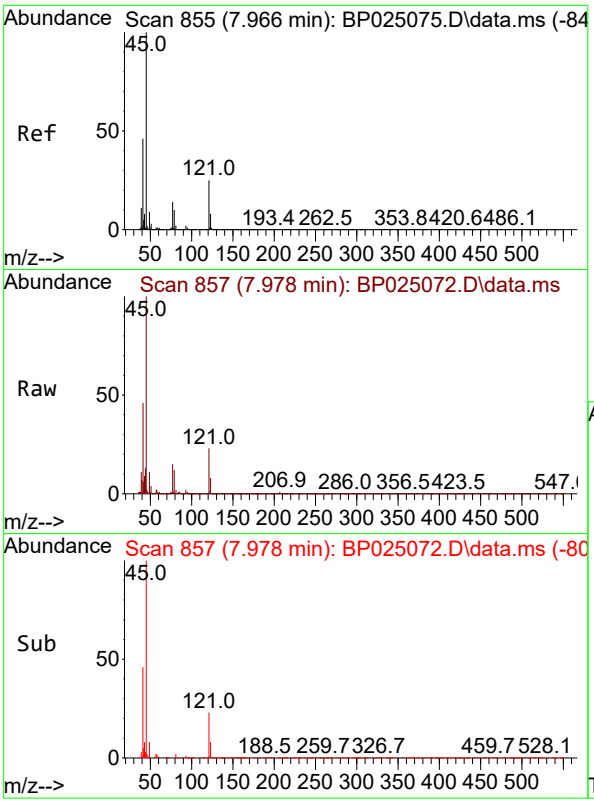


#14
1,2-Dichlorobenzene
Concen: 5.282 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 128817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.0	31.2	46.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.299 ng
RT: 7.978 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 14062

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	12.2	0.0	30.7

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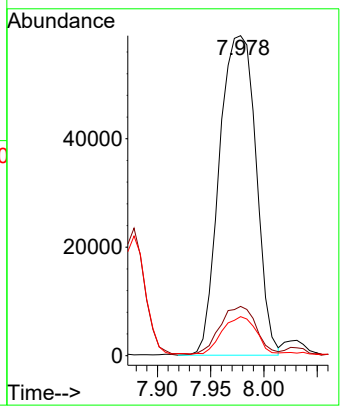
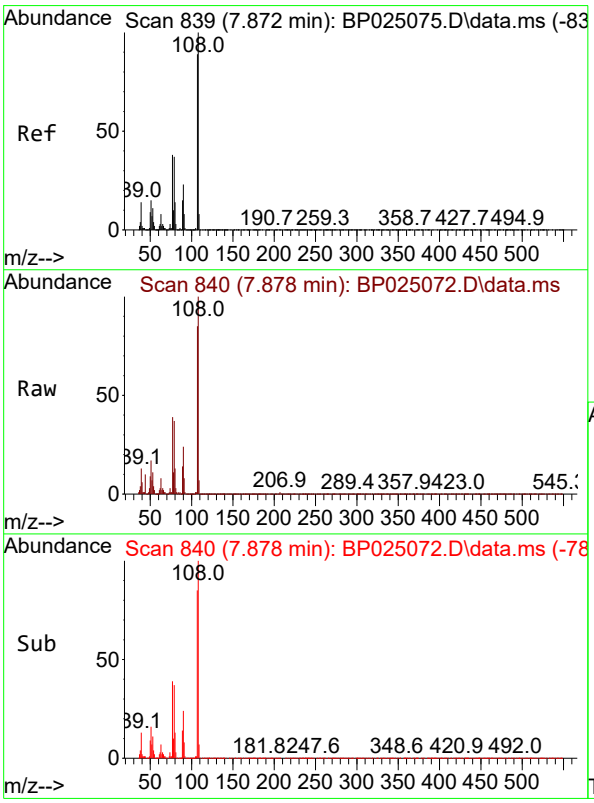
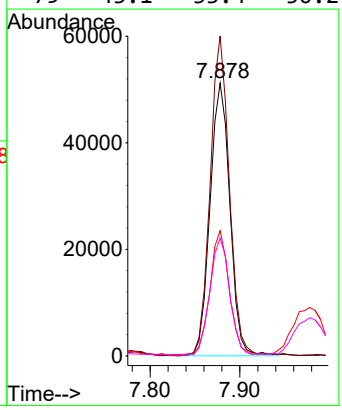


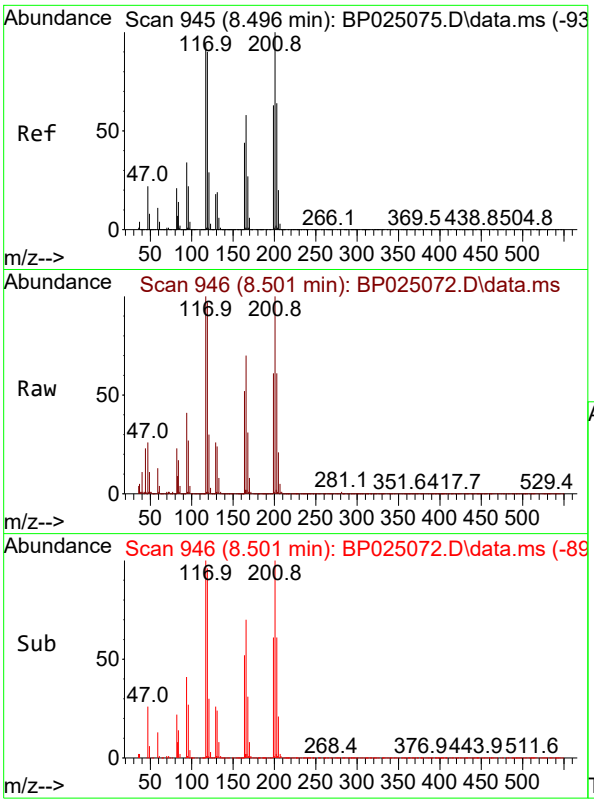


#17
2-Methylphenol
Concen: 4.600 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 78577

Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.7	134.5
77	46.0	34.2	51.4
79	43.1	33.4	50.2

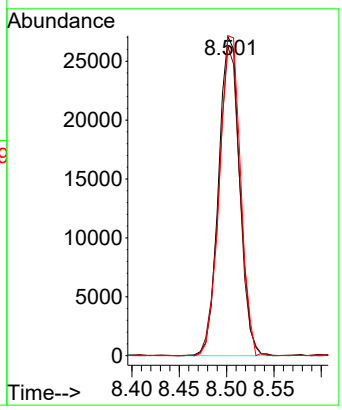




#18
Hexachloroethane
Concen: 5.104 ng
RT: 8.501 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:117 Resp: 4215

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	100.4	85.4	128.2



Instrument :
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ClientSampleId :
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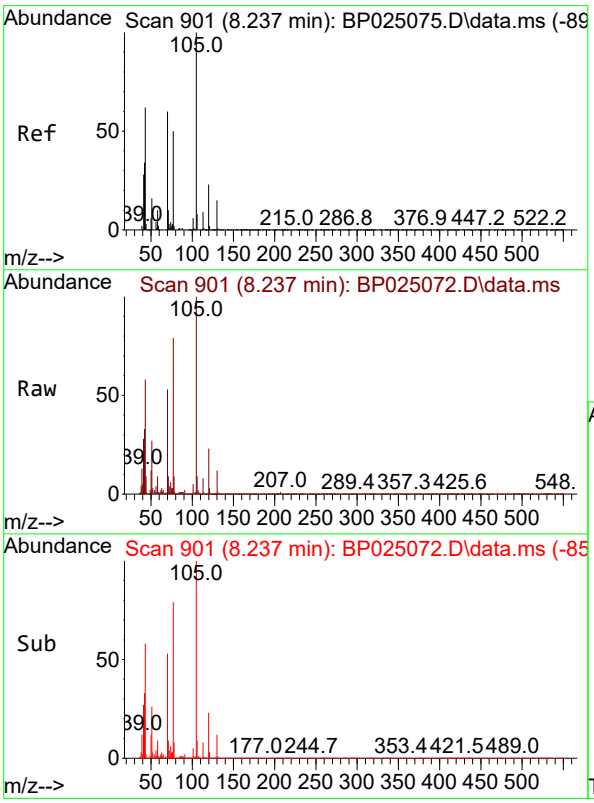
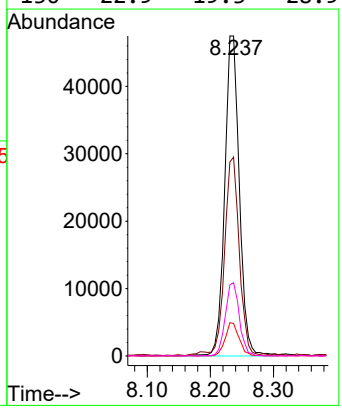
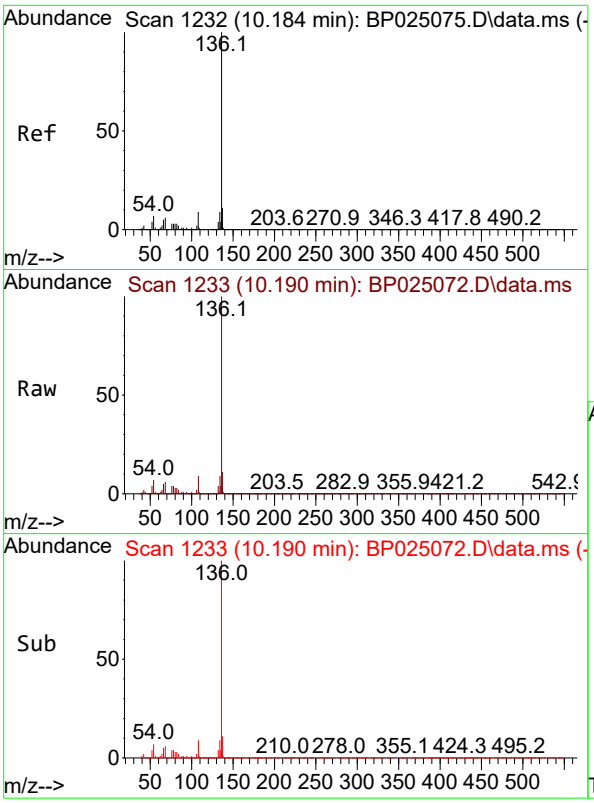


#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 70 Resp: 76382

Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.5	69.7
101	10.2	7.9	11.9
130	22.9	19.3	28.9

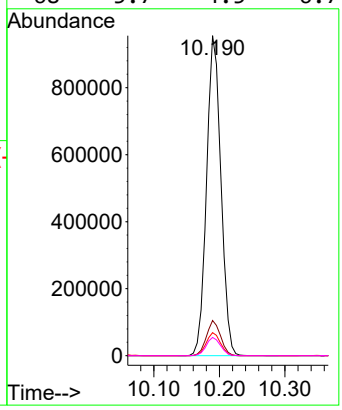




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:136 Resp: 145596

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.5	6.7



Instrument :
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ClientSampleId :
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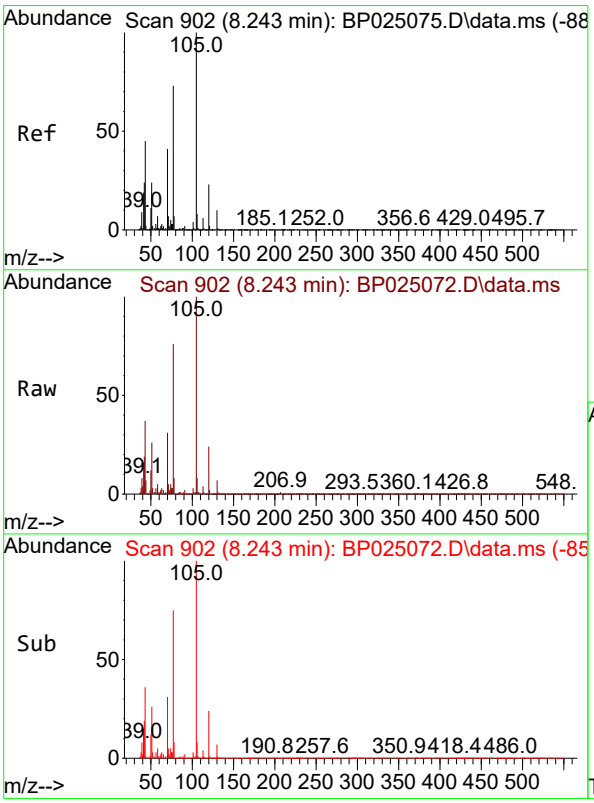
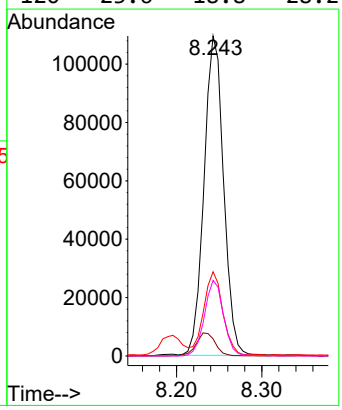
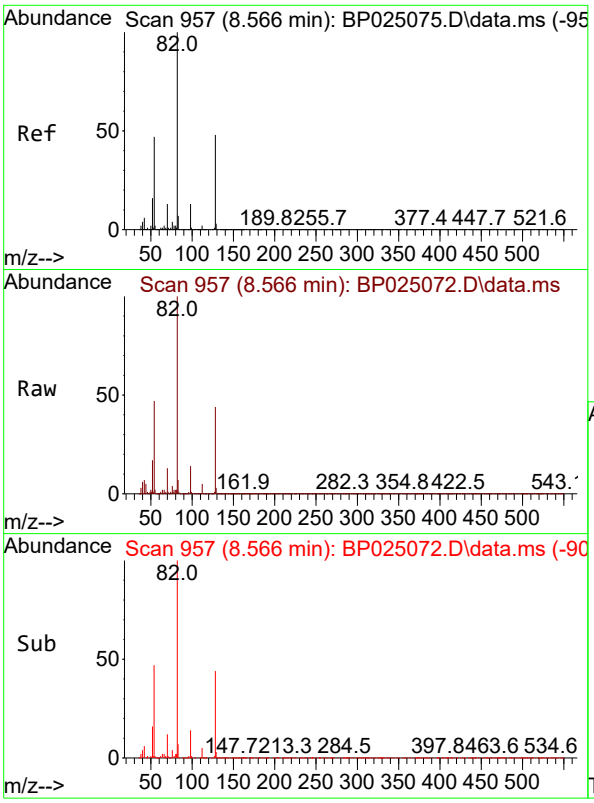


#22
Acetophenone
Concen: 5.070 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:105 Resp: 174562

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.2#
51	26.3	19.6	29.4
120	23.6	18.8	28.2

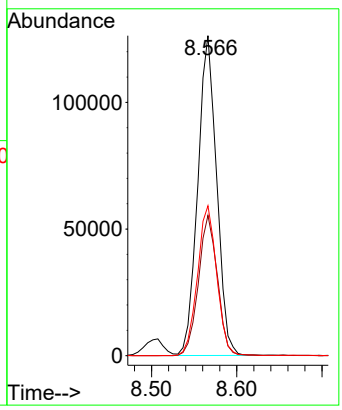




#23
Nitrobenzene-d5
Concen: 8.871 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 82 Resp: 19421

Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.4	57.6
54	46.9	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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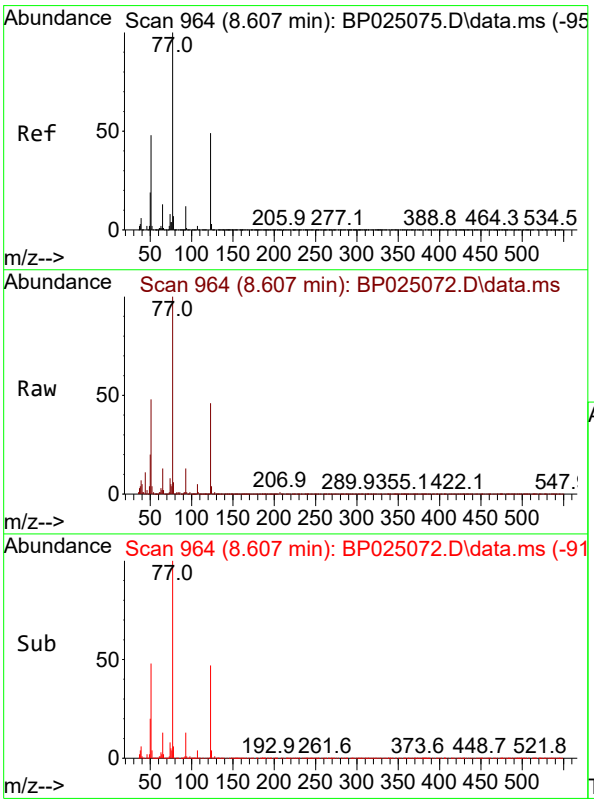
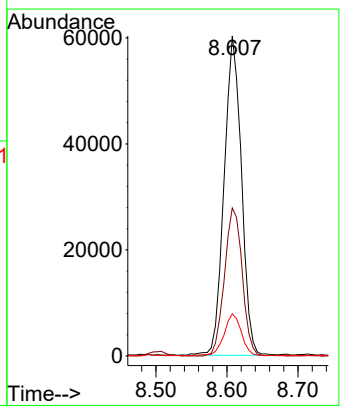
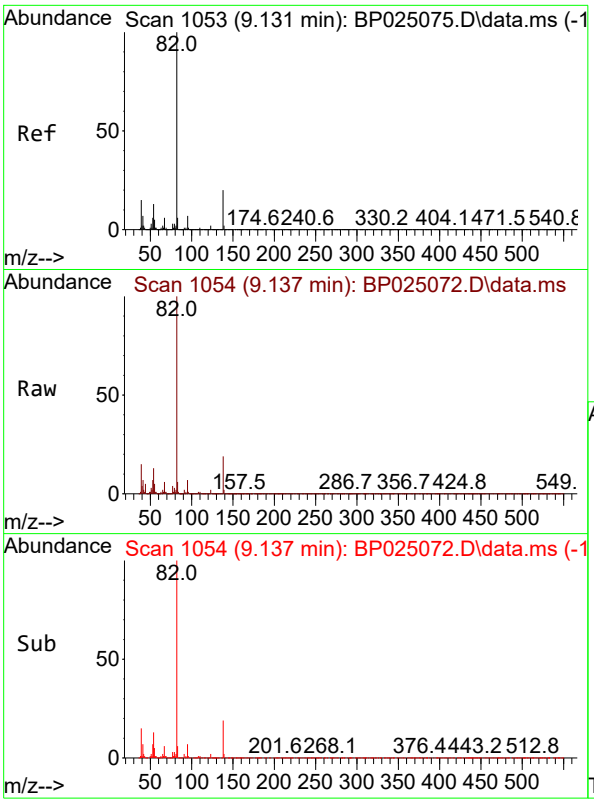


#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 102014

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.6
65	13.1	10.7	16.1





#25
Isophorone
Concen: 4.668 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 82 Resp: 19099

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.6	15.7	23.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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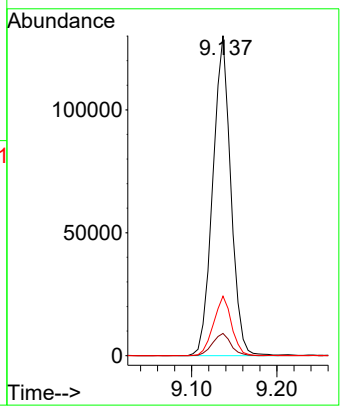
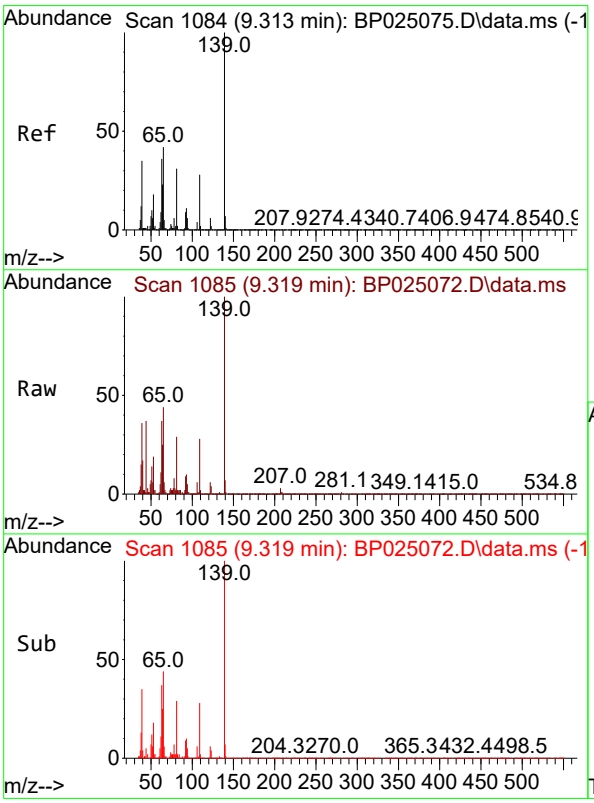
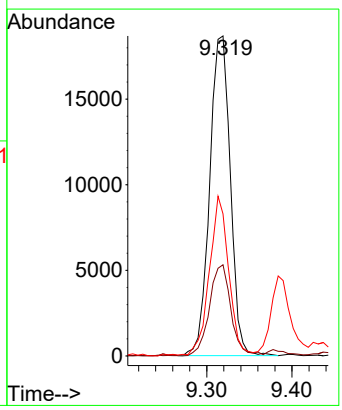


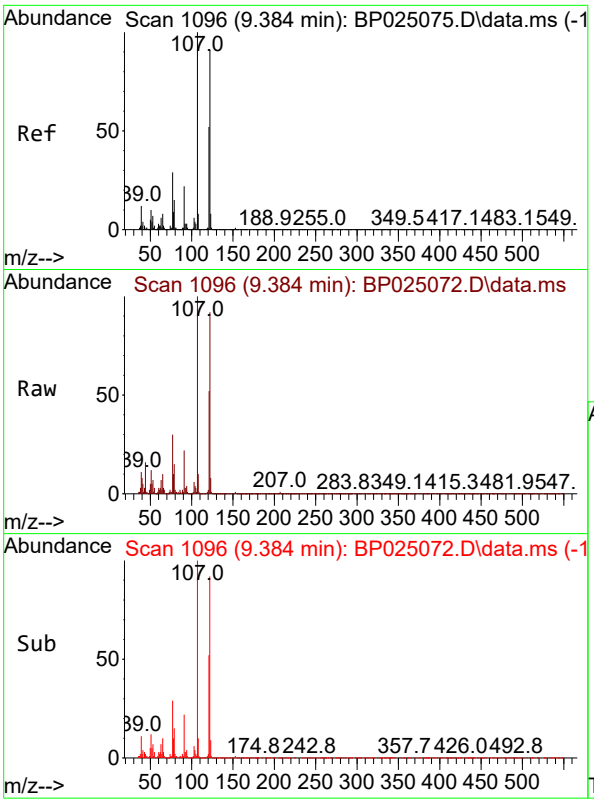


#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:139 Resp: 31408

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	44.4	33.8	50.8

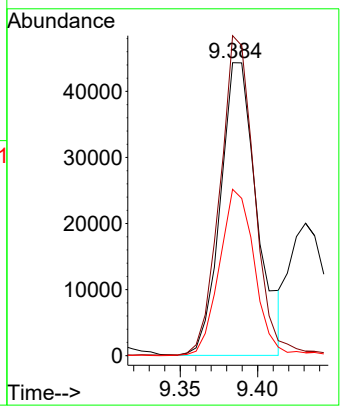




#27
2,4-Dimethylphenol
Concen: 4.753 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:122 Resp: 7254

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.2	132.2
121	56.8	46.1	69.1



Instrument :
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ClientSampleId :
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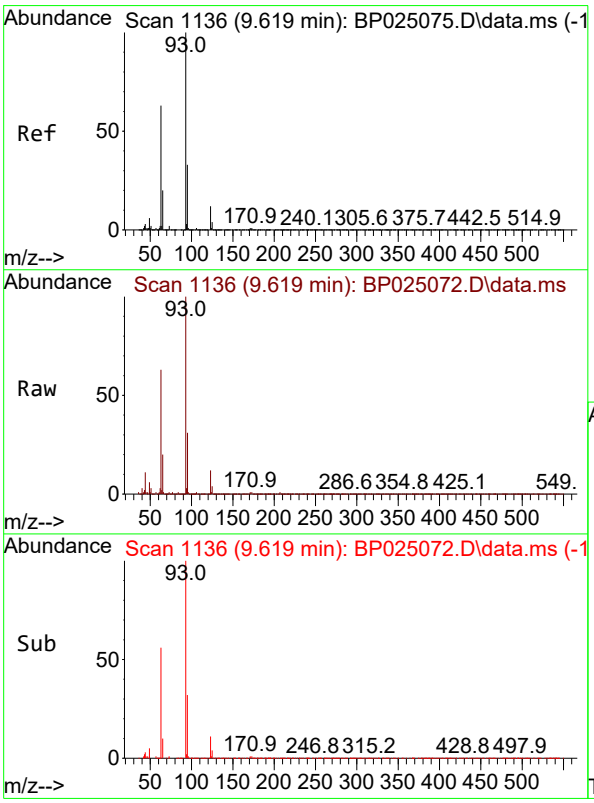
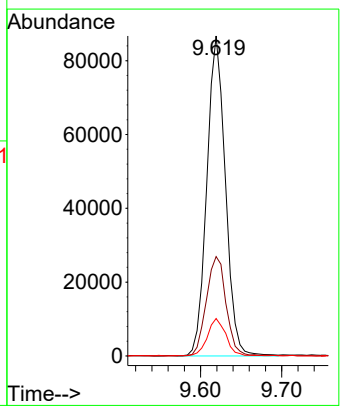
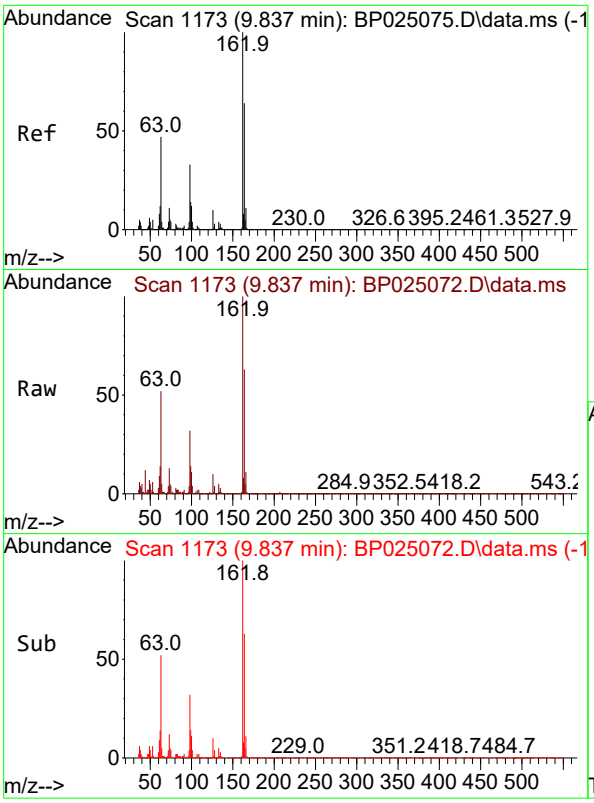


#28
bis(2-Chloroethoxy)methane
Concen: 4.954 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 137622

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.4	39.6
123	11.7	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 4.171 ng
RT: 9.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 8826

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	32.1	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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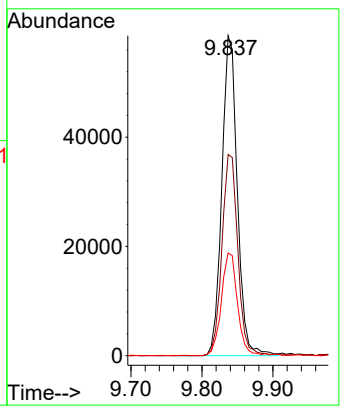
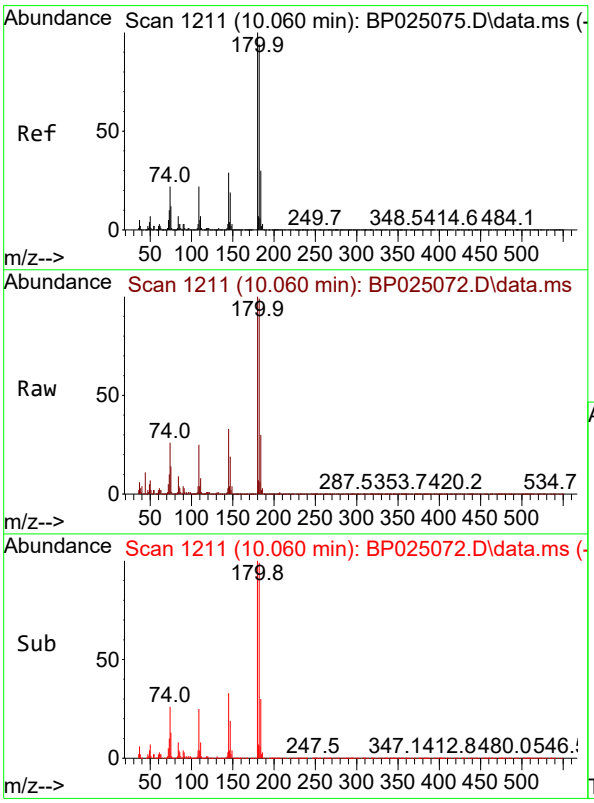
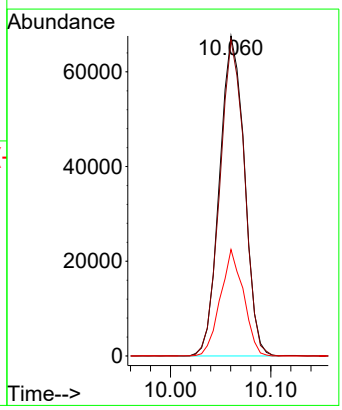


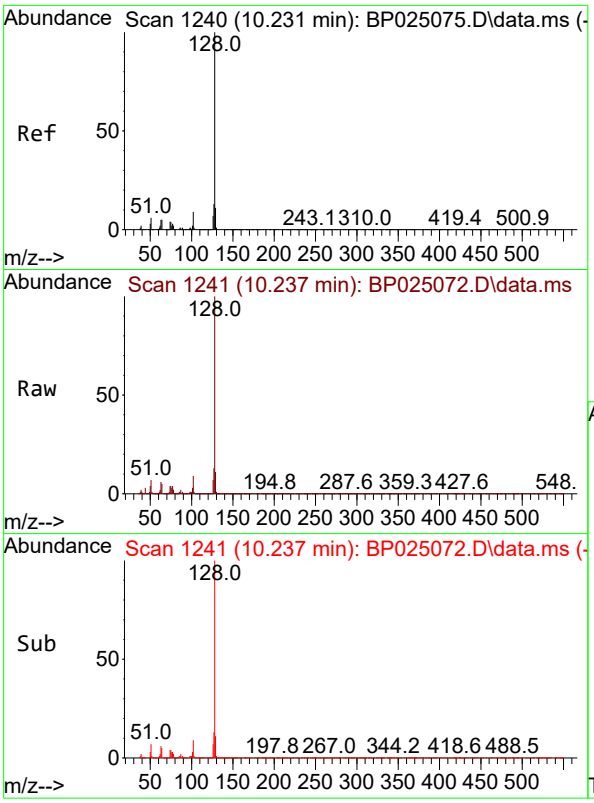


#30
1,2,4-Trichlorobenzene
Concen: 4.953 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:180 Resp: 116080

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.1	112.7
145	33.3	23.3	34.9

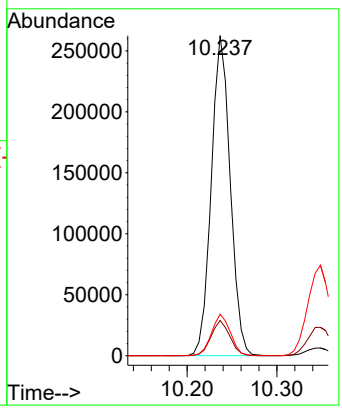




#31
Naphthalene
Concen: 5.134 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:128 Resp: 38488

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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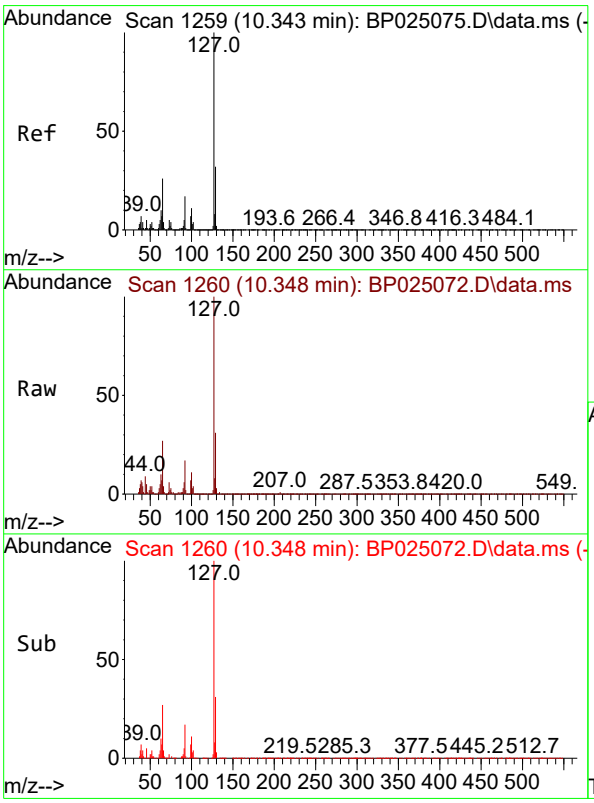
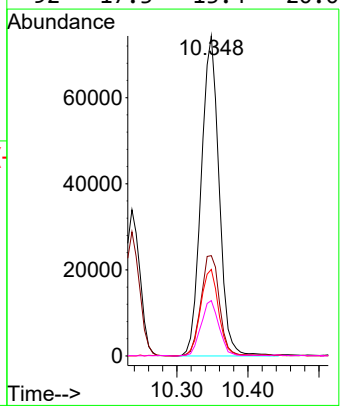
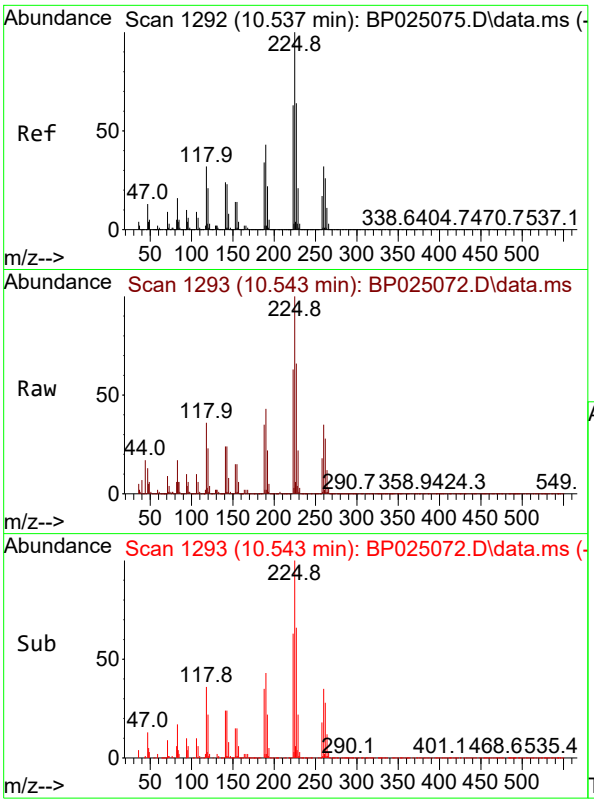


#33
4-Chloroaniline
Concen: 4.661 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:127 Resp: 130394

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	27.0	21.0	31.6
92	17.3	13.4	20.0

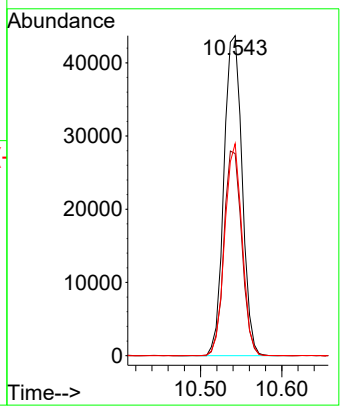




#34
Hexachlorobutadiene
Concen: 5.055 ng
RT: 10.543 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:225 Resp: 6798

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.3	75.5
227	62.5	51.3	76.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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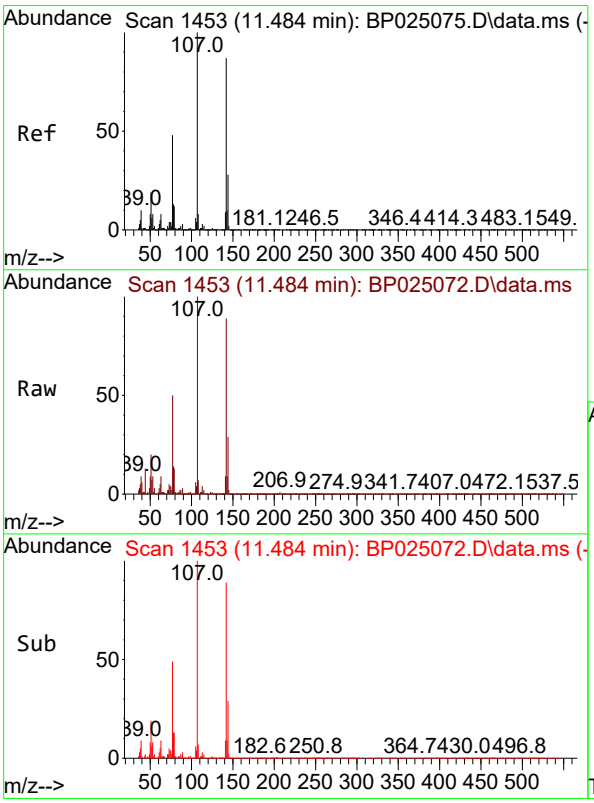
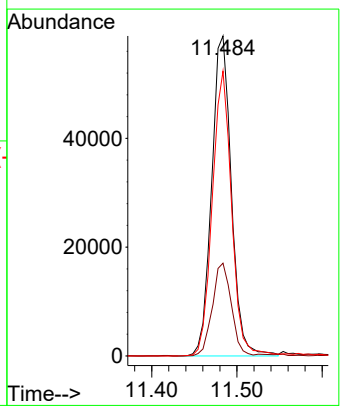
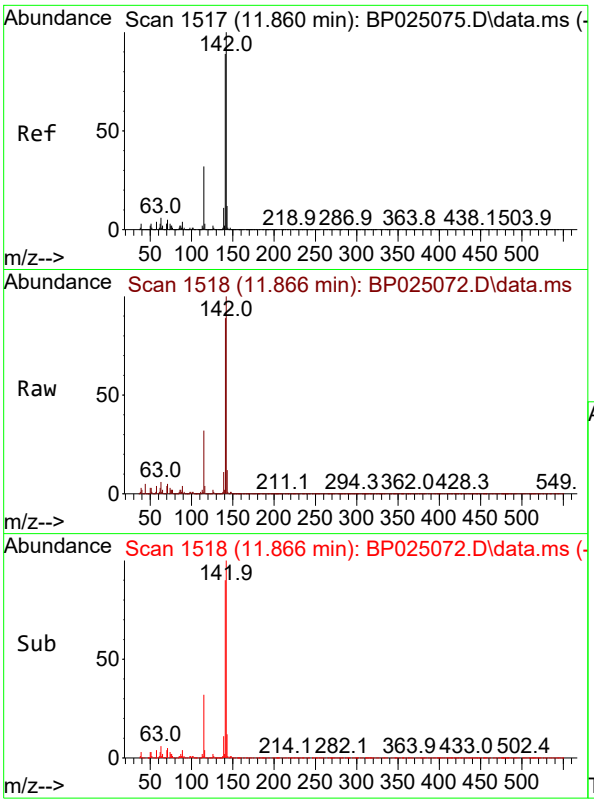


#36
4-Chloro-3-methylphenol
Concen: 4.270 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 94437

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.0	69.6	104.4

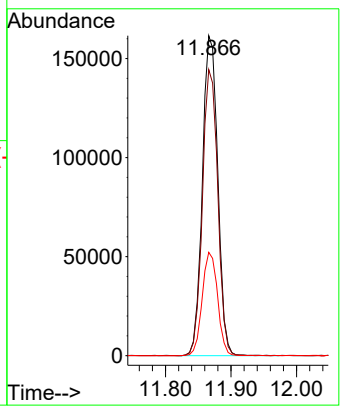




#37
2-Methylnaphthalene
Concen: 4.984 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 26364

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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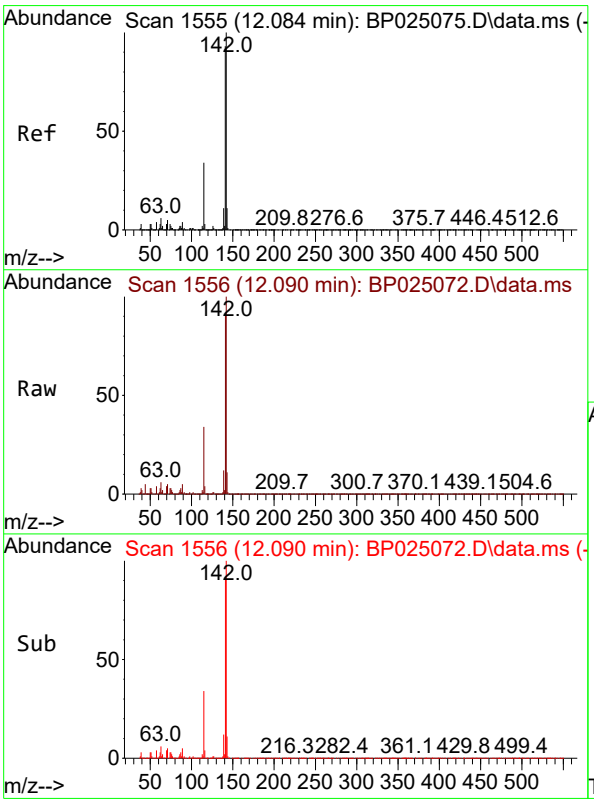
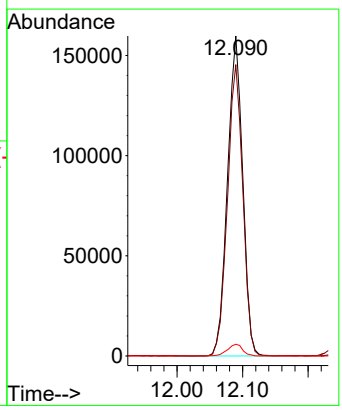
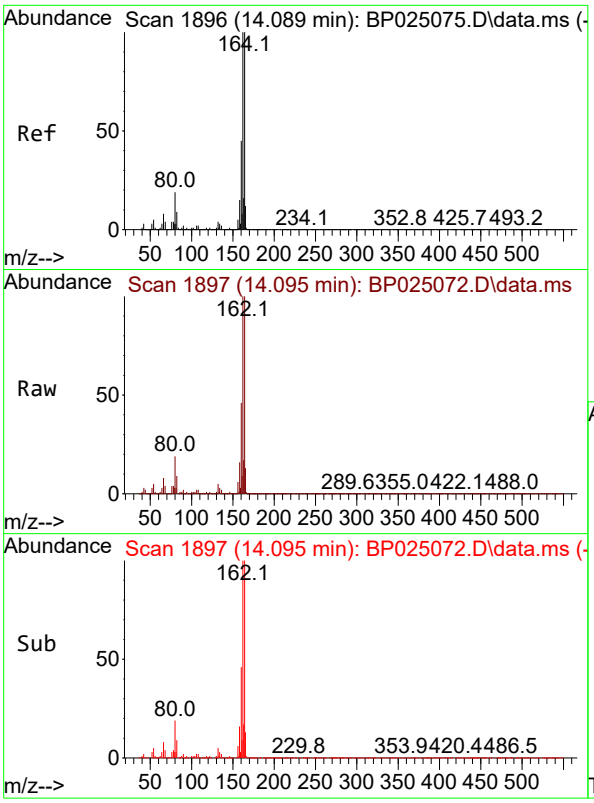


#38
1-Methylnaphthalene
Concen: 4.987 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 257270

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.7	2.7	4.1

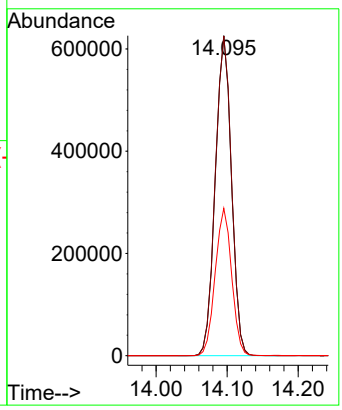




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:164 Resp: 98275

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.3	120.5
160	46.1	35.9	53.9



Instrument :
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ClientSampleId :
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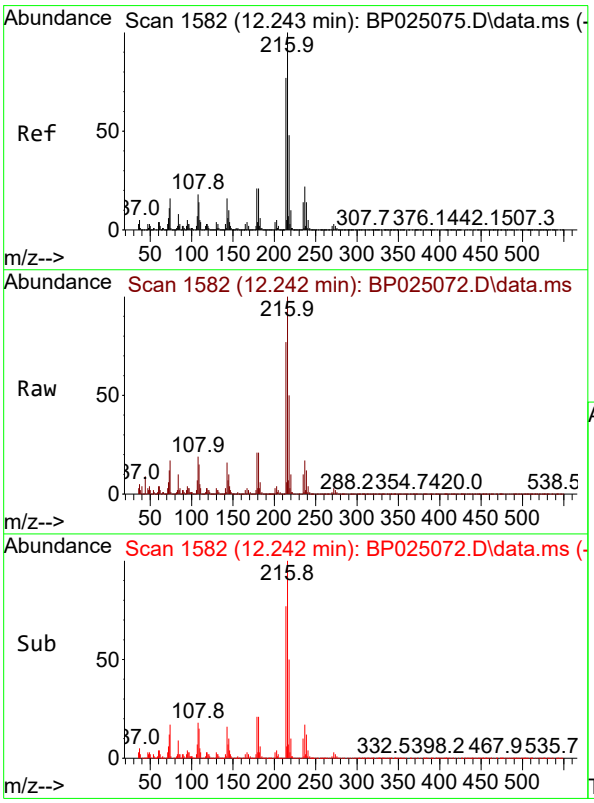
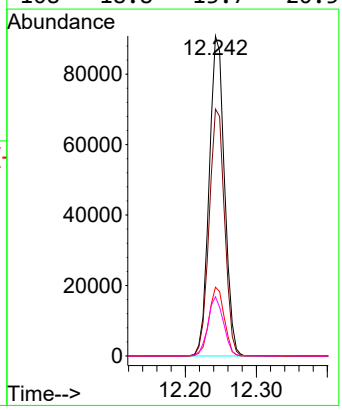
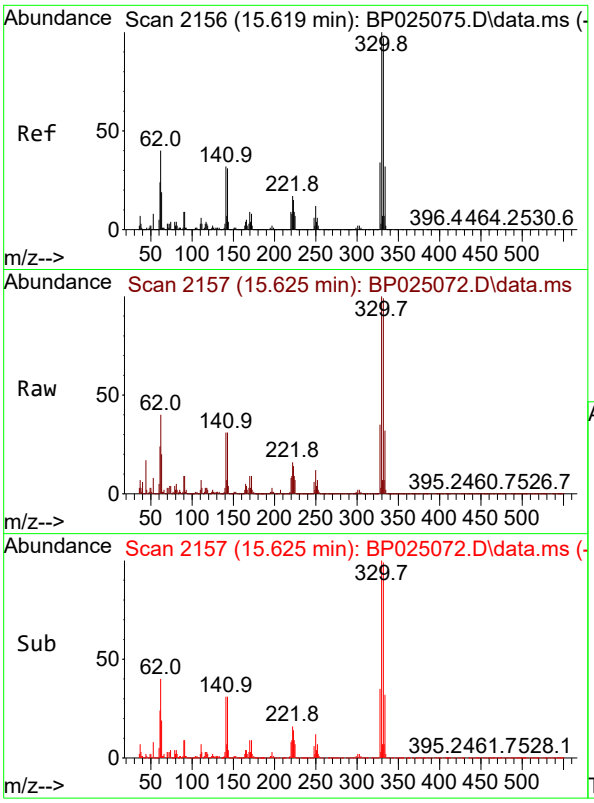


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.822 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:216 Resp: 136193

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.4	93.6
179	21.4	16.5	24.7
108	18.8	13.7	20.5

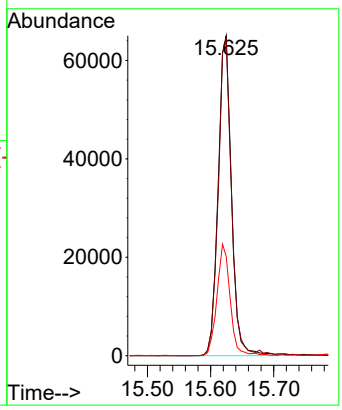




#42
2,4,6-Tribromophenol
Concen: 8.213 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:330 Resp: 9535

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	34.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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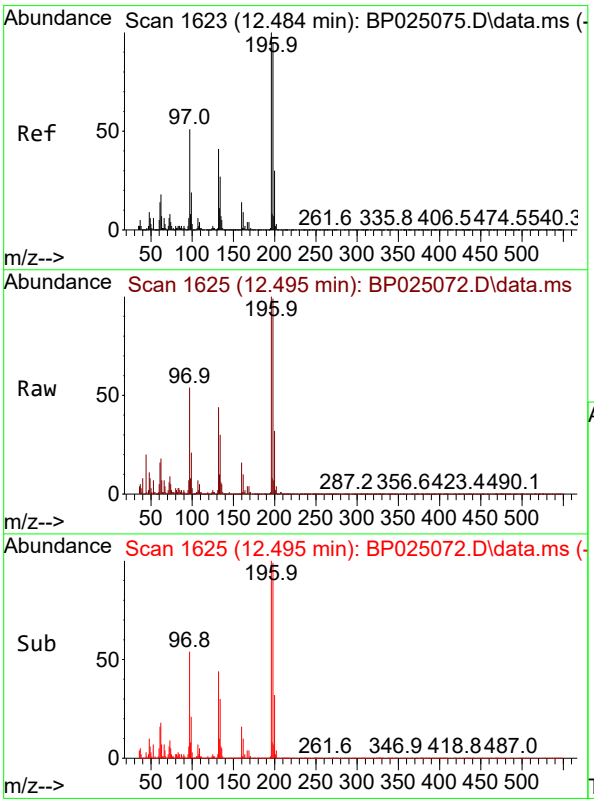
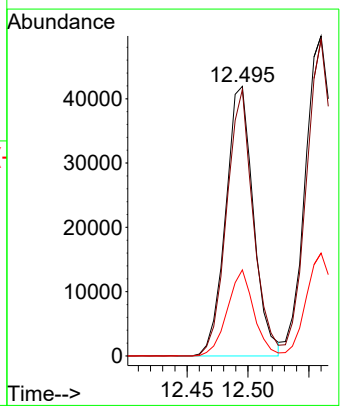
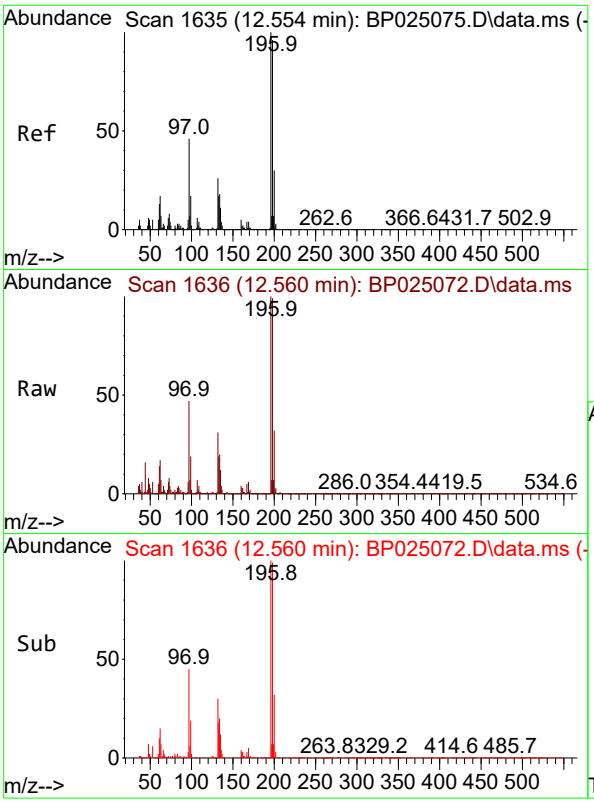


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 66524

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.2
200	31.9	24.3	36.5

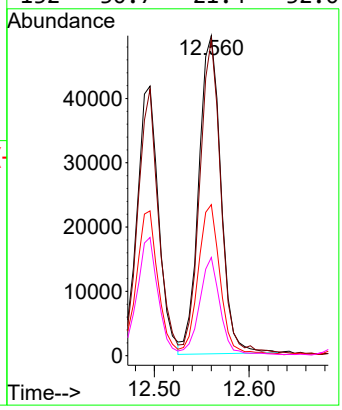




#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 8013

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
97	47.2	36.6	55.0
132	30.7	21.4	32.0



Instrument :
BNA_P
ClientSampleId :
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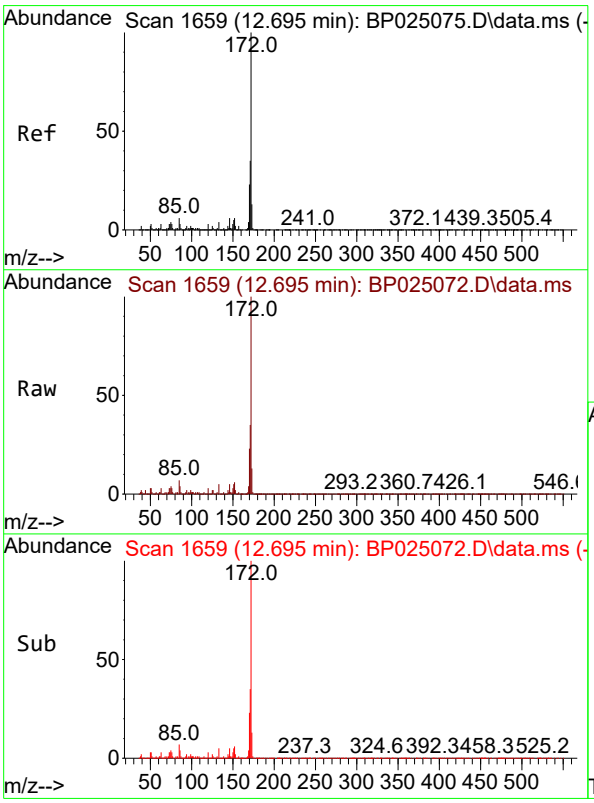
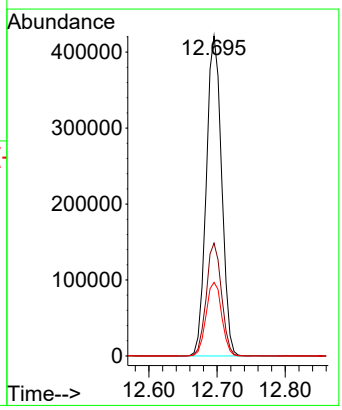
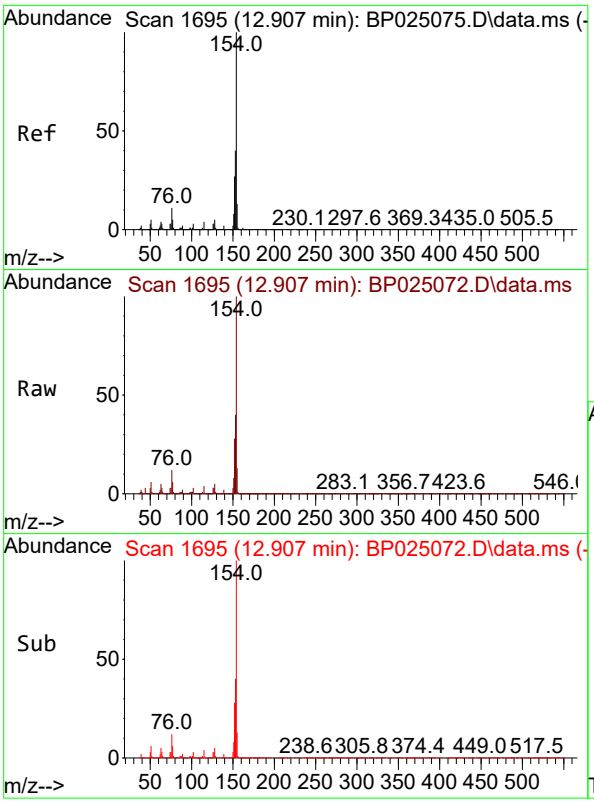


#45
2-Fluorobiphenyl
Concen: 10.365 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:172 Resp: 657518

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	18.7	28.1

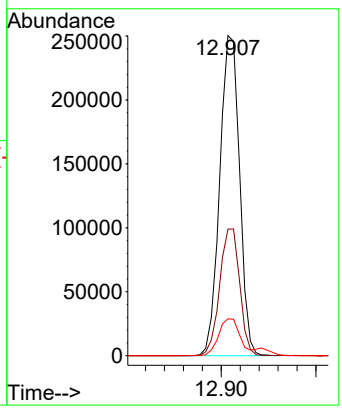




#46
1,1'-Biphenyl
Concen: 5.092 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:154 Resp: 36407

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	11.5	0.0	31.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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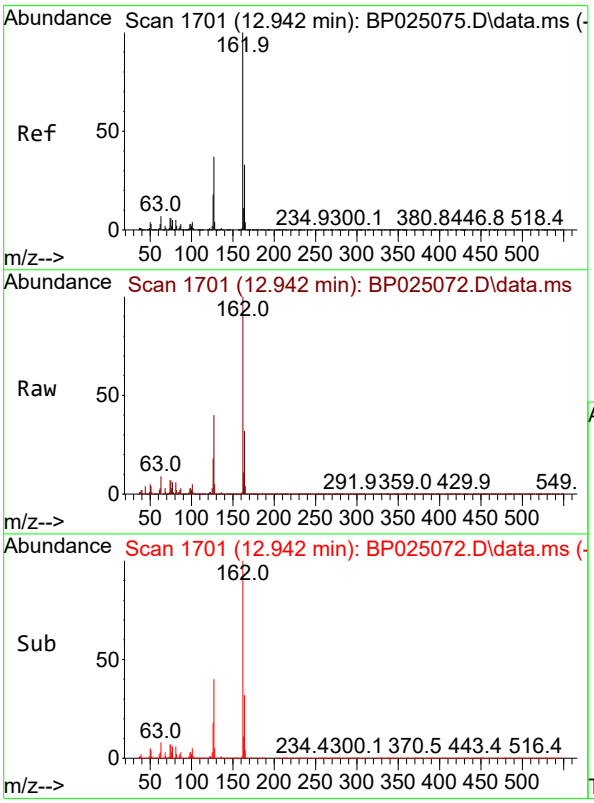
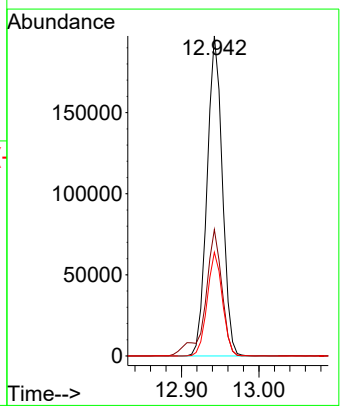
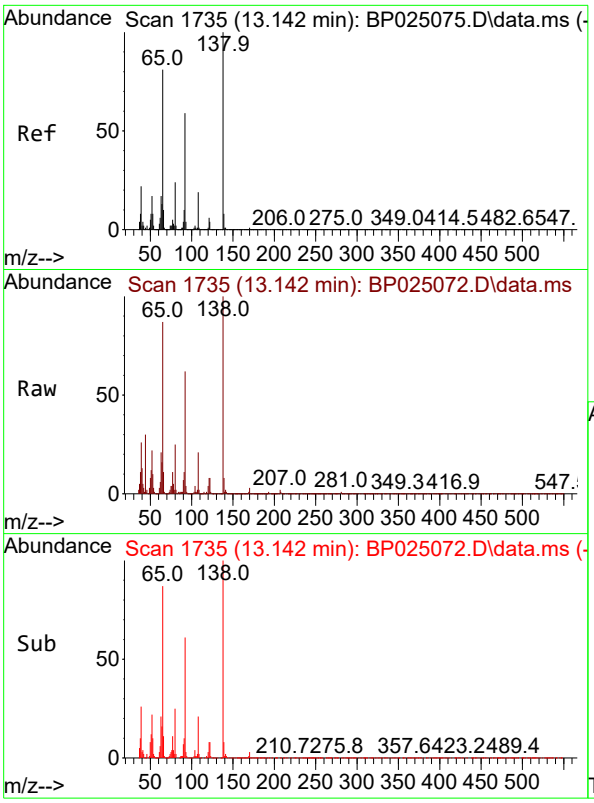


#47
2-Chloronaphthalene
Concen: 5.016 ng
RT: 12.942 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 269579

Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.4	44.2
164	32.4	26.4	39.6

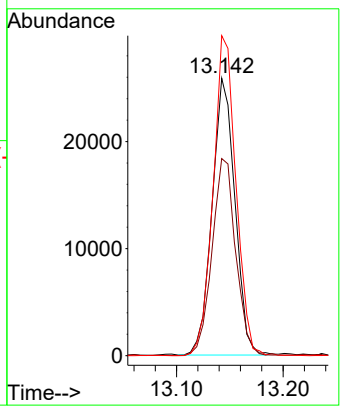




#48
2-Nitroaniline
Concen: 5.521 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 65 Resp: 3851

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	115.3	99.0	148.4



Instrument :
BNA_P
ClientSampleId :
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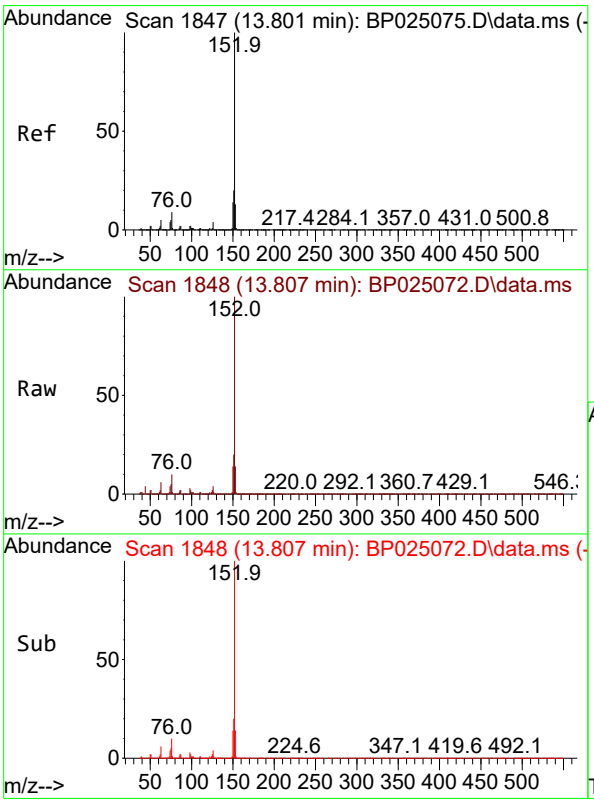
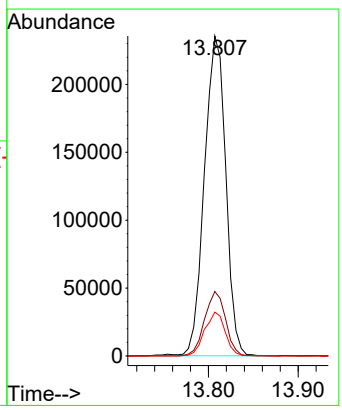
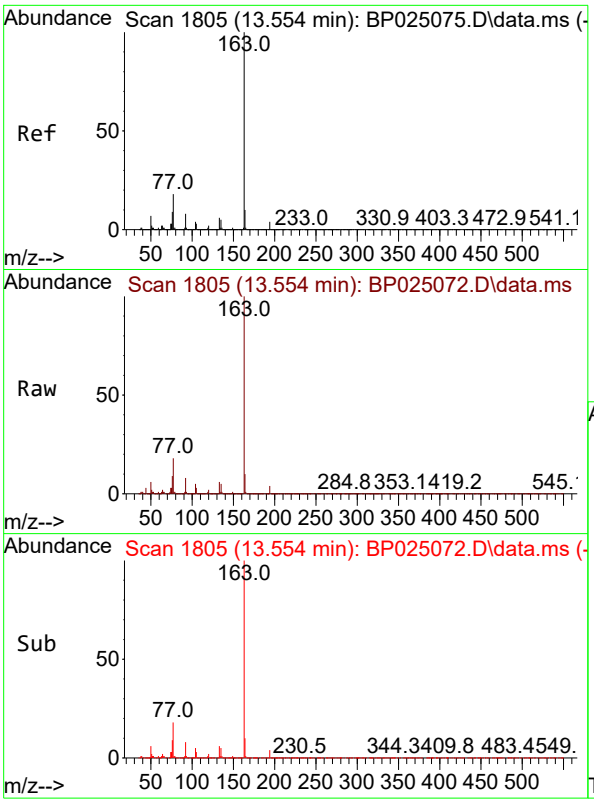


#49
Acenaphthylene
Concen: 4.726 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 388781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.7	16.1

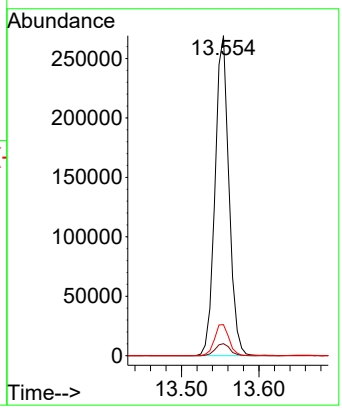




#50
Dimethylphthalate
Concen: 4.871 ng
RT: 13.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:163 Resp: 33506

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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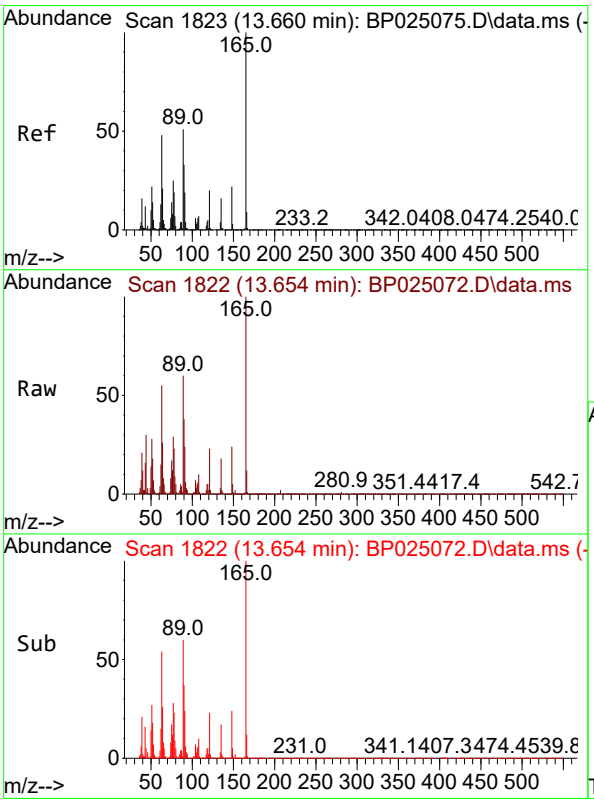
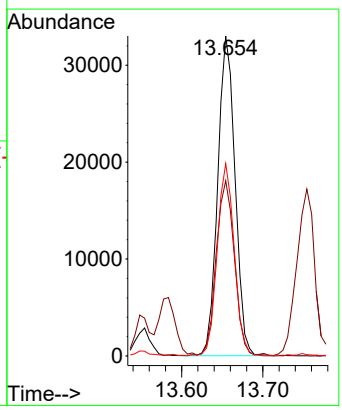
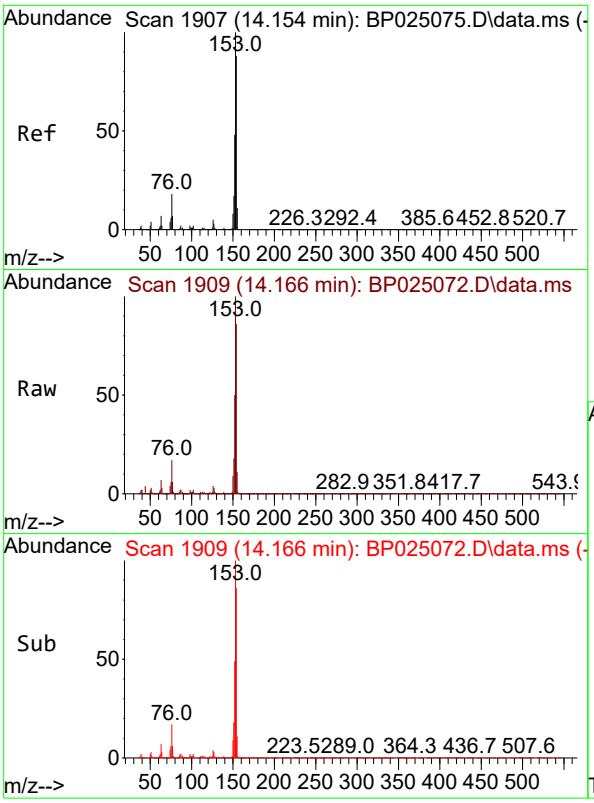


#51
2,6-Dinitrotoluene
Concen: 3.651 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 48991

Ion	Ratio	Lower	Upper
165	100		
63	54.7	38.5	57.7
89	60.1	40.6	61.0

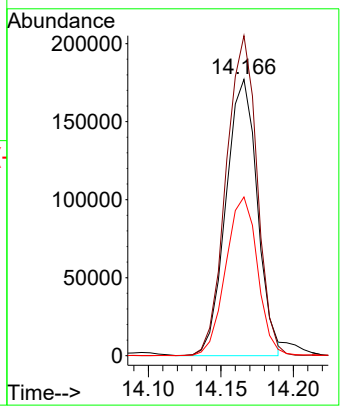




#52
Acenaphthene
Concen: 5.030 ng m
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:154 Resp: 26669

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.6	136.0
152	57.5	43.8	65.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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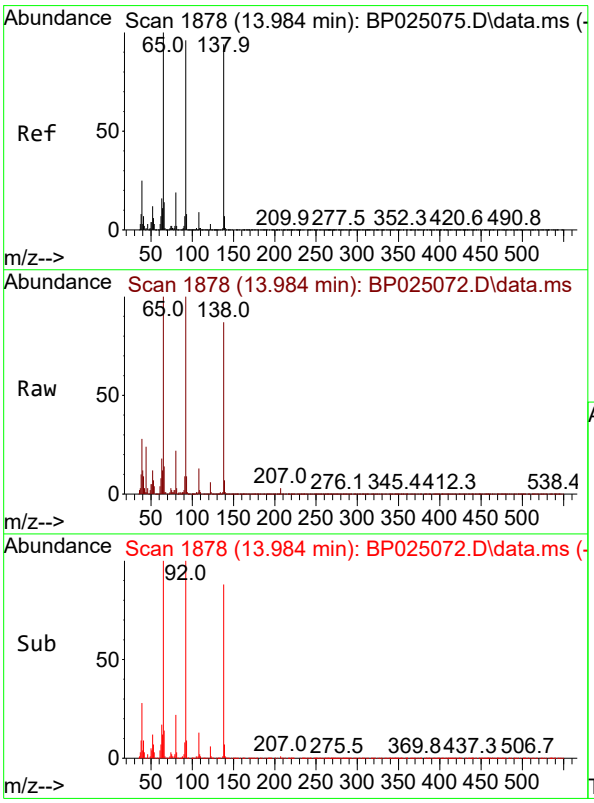
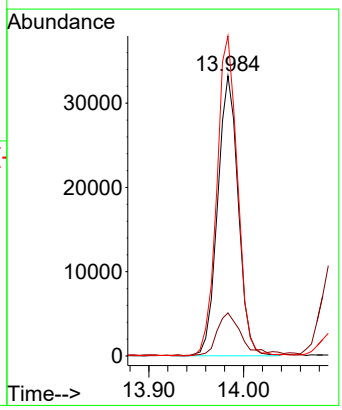
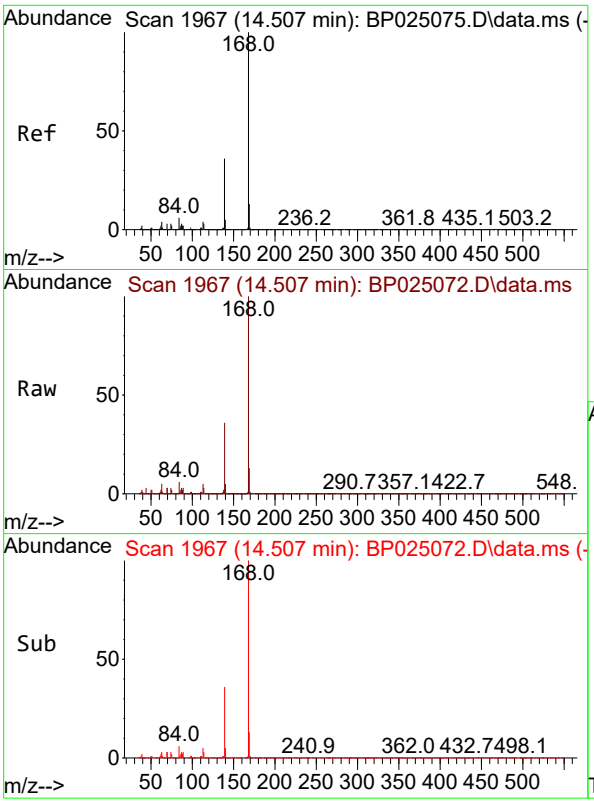


#53
3-Nitroaniline
Concen: 3.491 ng
RT: 13.984 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:138 Resp: 50202

Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	114.2	81.0	121.4

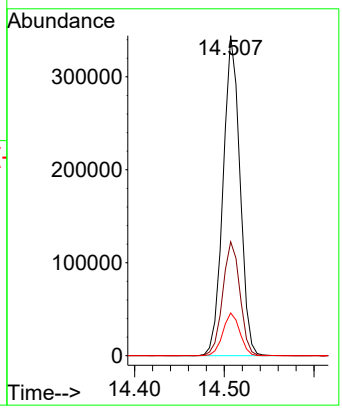




#55
Dibenzofuran
Concen: 5.135 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:168 Resp: 44930

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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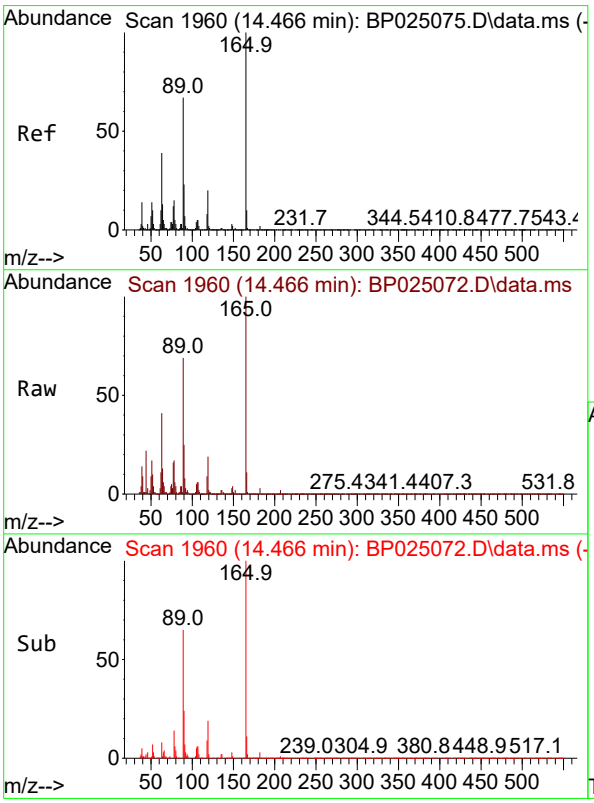
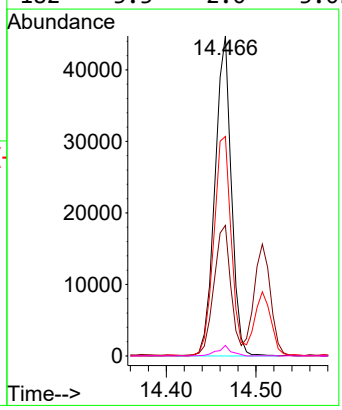
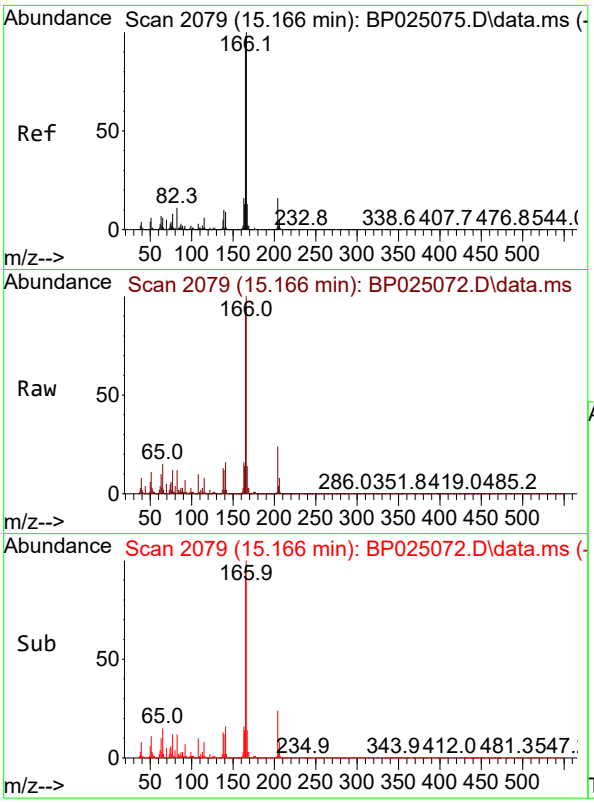


#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 56730

Ion	Ratio	Lower	Upper
165	100		
63	40.8	31.0	46.4
89	68.6	53.4	80.0
182	3.3	2.0	3.0#

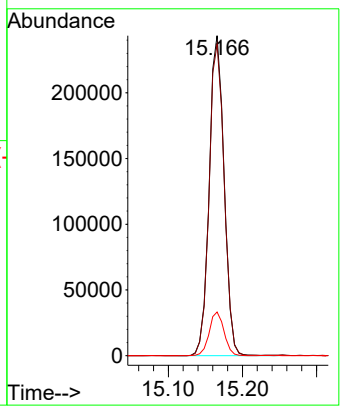




#58
Fluorene
Concen: 5.016 ng
RT: 15.166 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:166 Resp: 33944

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.7	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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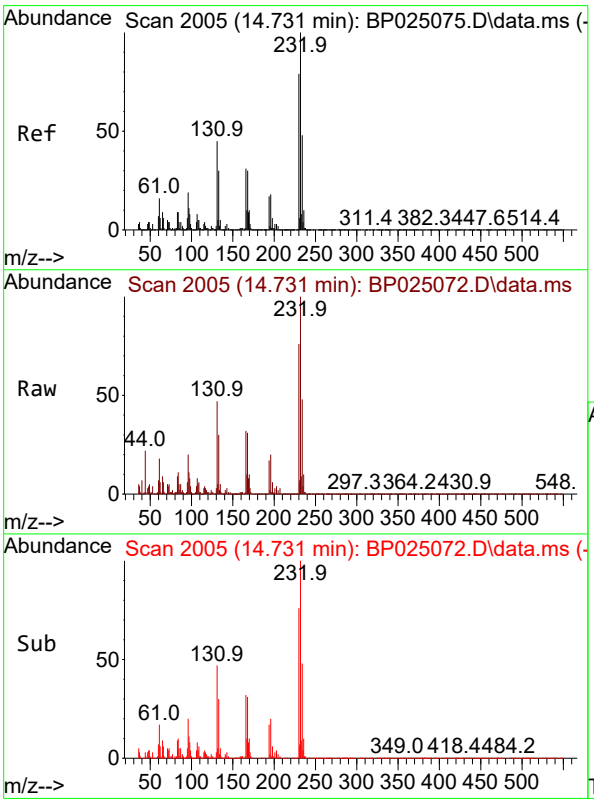
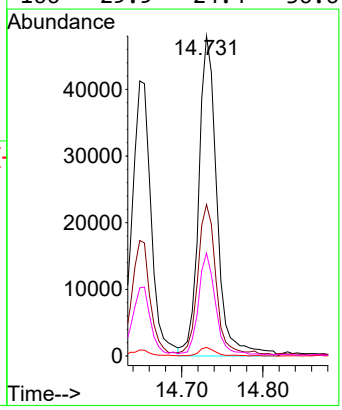
Supervised By :Jagrut Upadhyay 07/07/2025

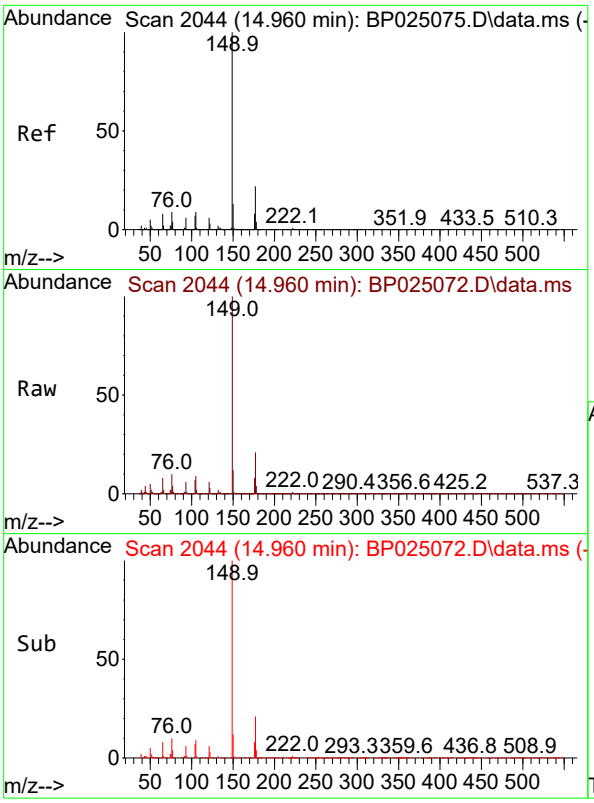


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.270 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:232 Resp: 74947

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.7	53.5
130	2.5	1.8	2.6
166	29.9	24.4	36.6

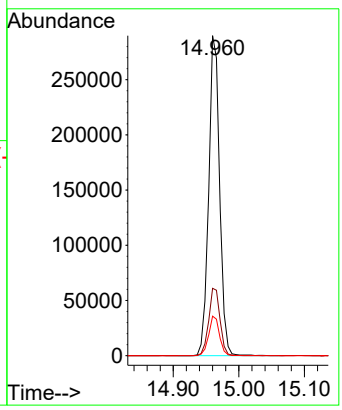




#60
Diethylphthalate
Concen: 4.865 ng
RT: 14.960 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 33611

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.8
150	12.4	10.2	15.2



Instrument :
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ClientSampleId :
SSTDICC005

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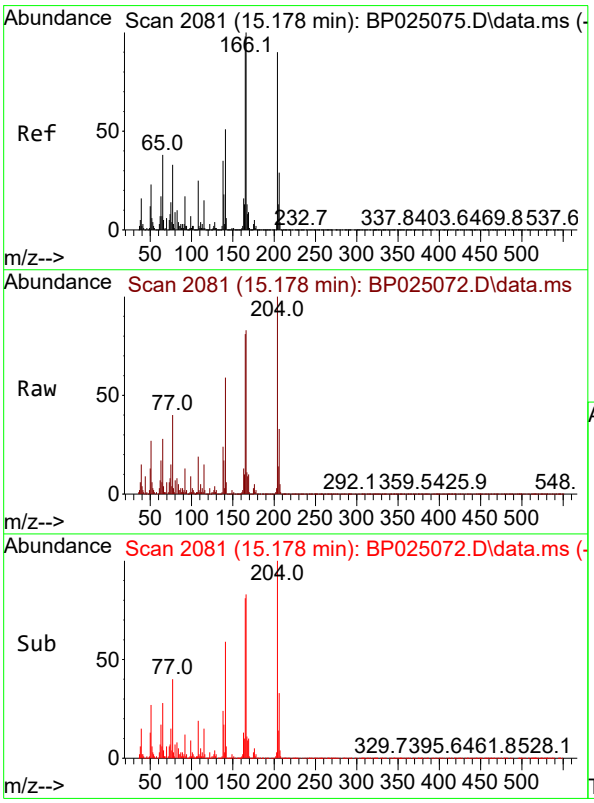
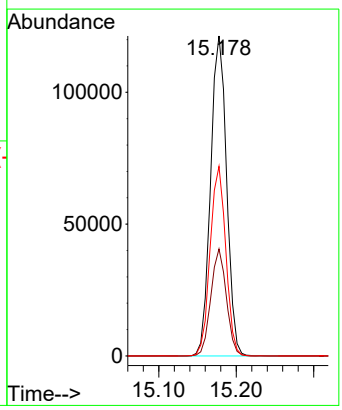
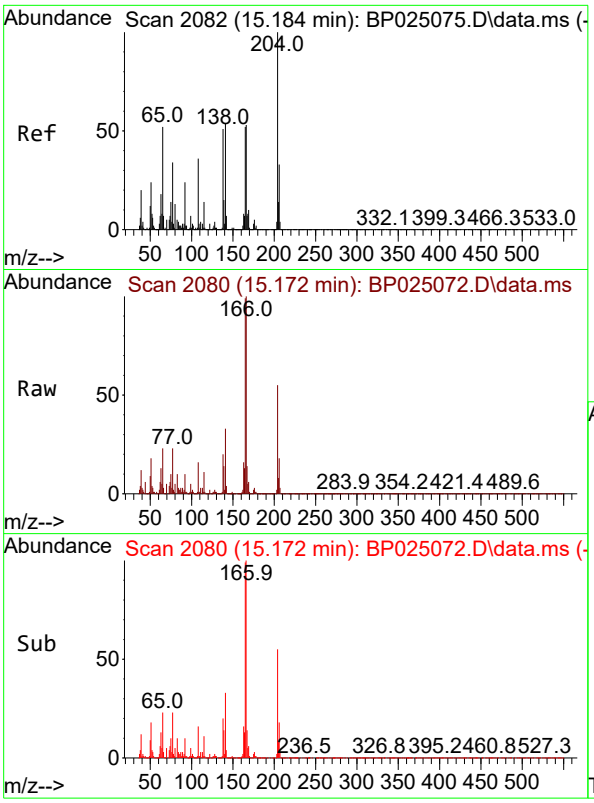


#61
4-Chlorophenyl-phenylether
Concen: 5.212 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:204 Resp: 174567

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.2	45.1	67.7





#62
4-Nitroaniline
Concen: 3.594 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 5419

Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.0	66.0
108	80.2	50.0	90.0

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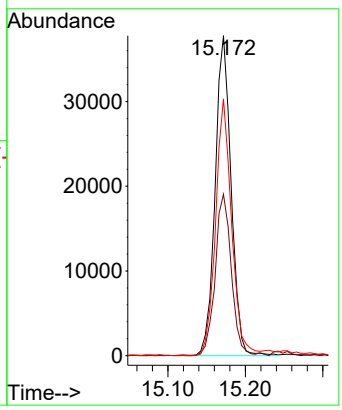
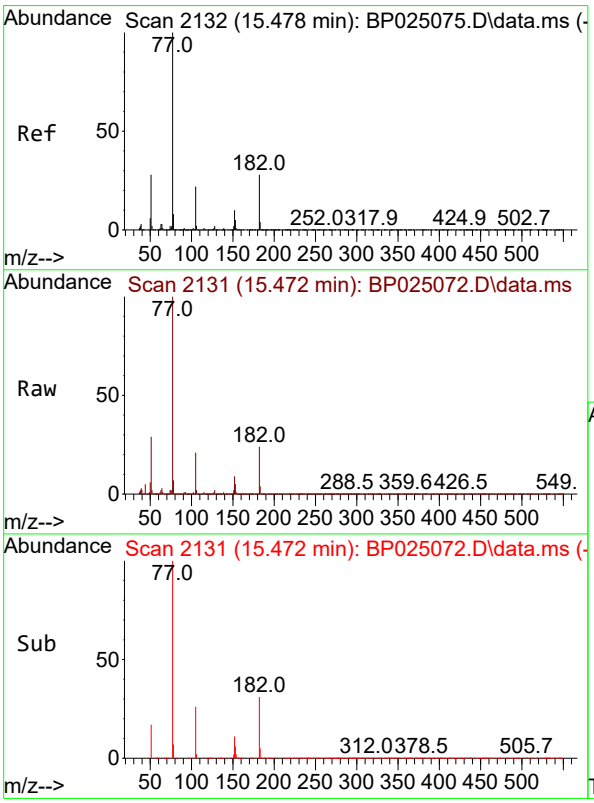
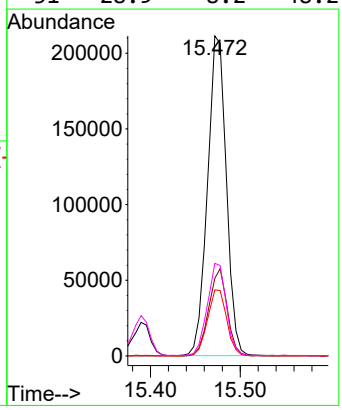


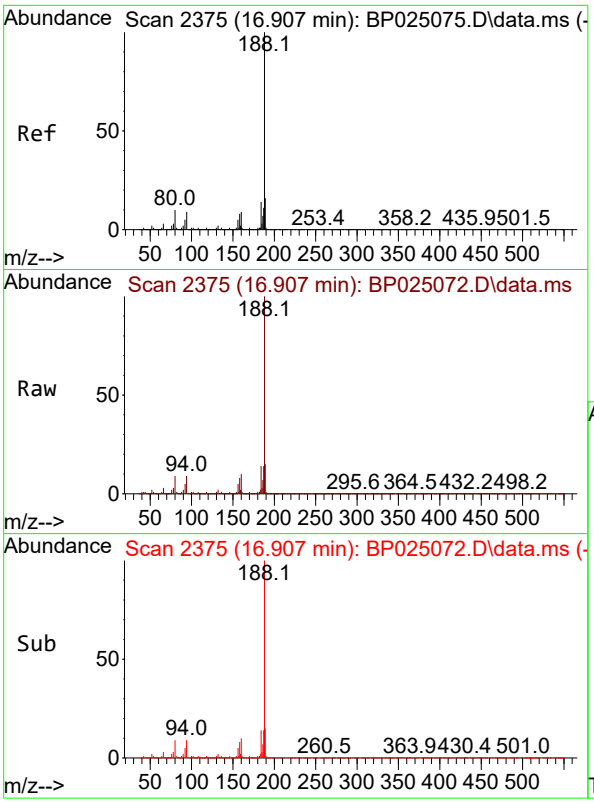


#63
Azobenzene
Concen: 4.995 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 307304

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.7	47.7
105	20.6	1.9	41.9
51	28.9	8.2	48.2

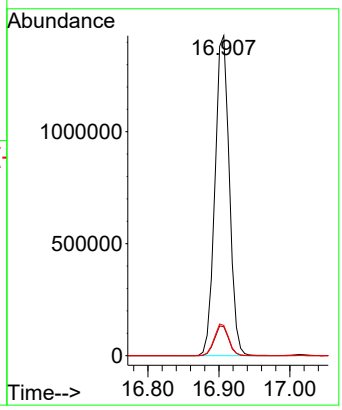




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:188 Resp: 199853

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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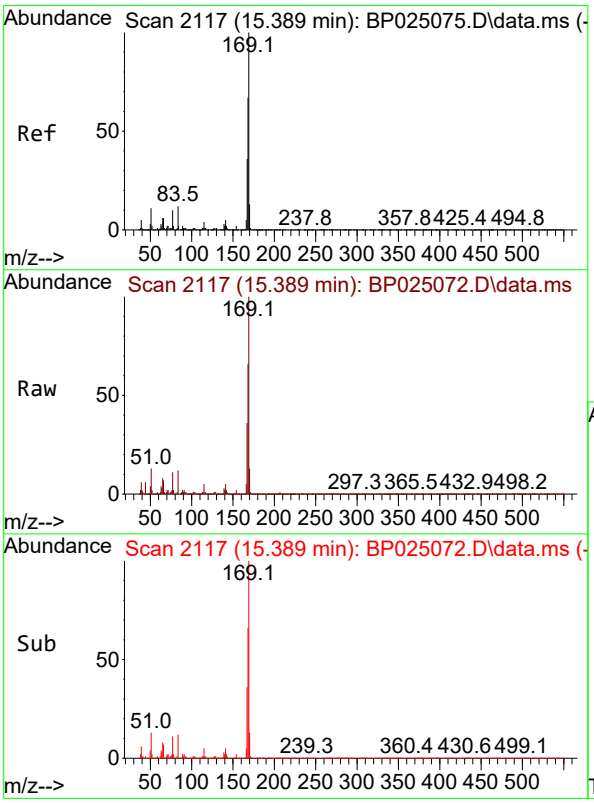
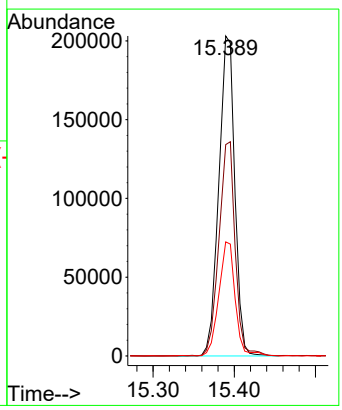
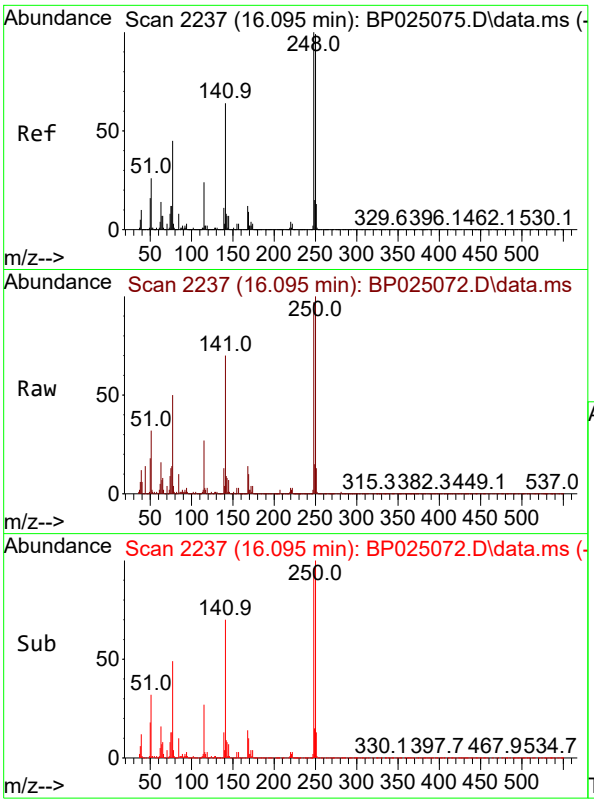


#66
n-Nitrosodiphenylamine
Concen: 4.863 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:169 Resp: 278113

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.1	81.1
167	35.7	29.0	43.6

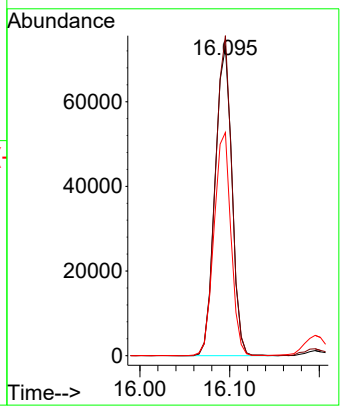




#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:248 Resp: 9531

Ion	Ratio	Lower	Upper
248	100		
250	103.6	79.4	119.2
141	72.3	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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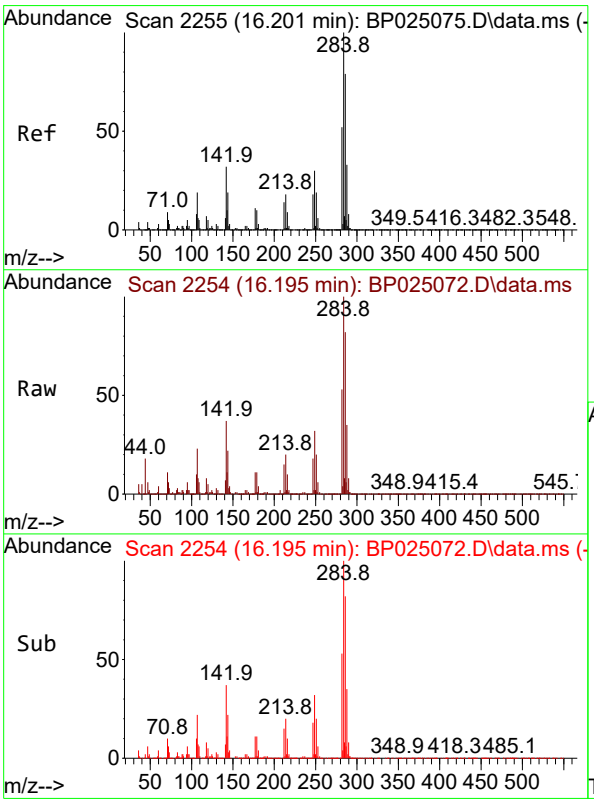
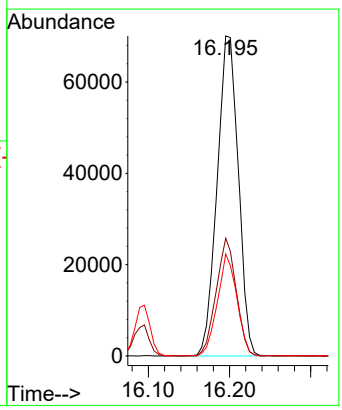
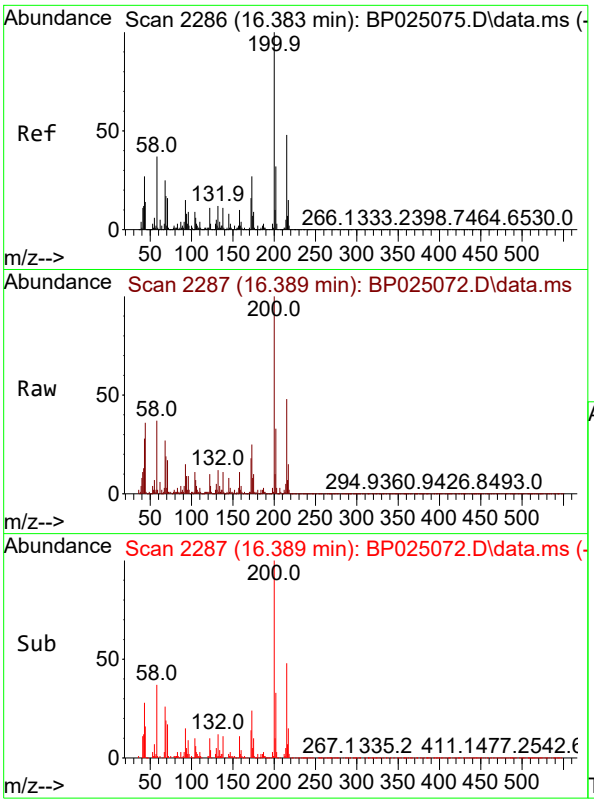


#68
Hexachlorobenzene
Concen: 5.093 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:284 Resp: 127389

Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.9	38.9
249	31.9	23.8	35.8

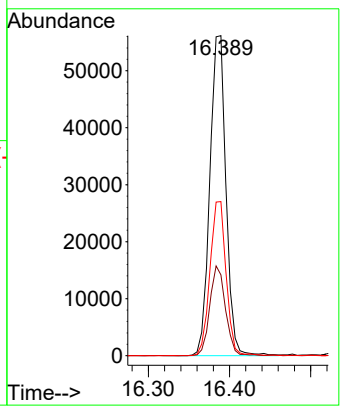




#69
Atrazine
Concen: 4.620 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:200 Resp: 7742

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.2	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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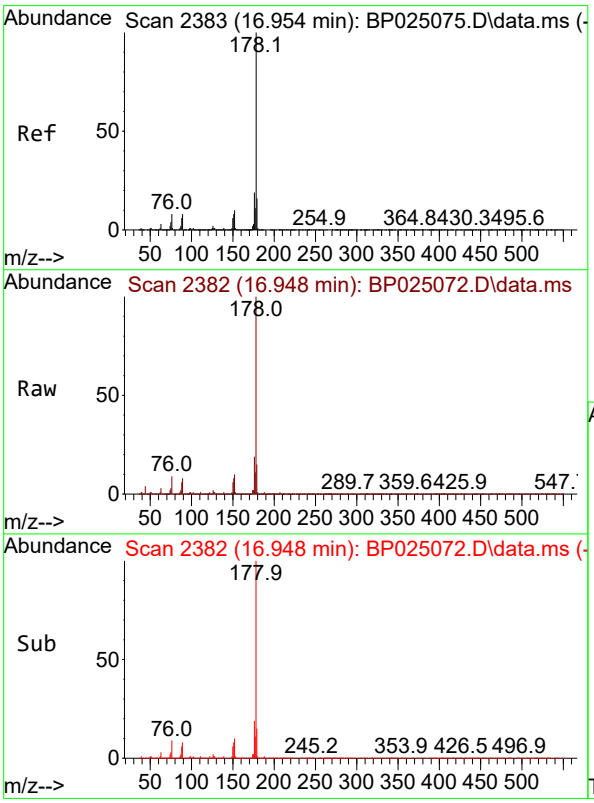
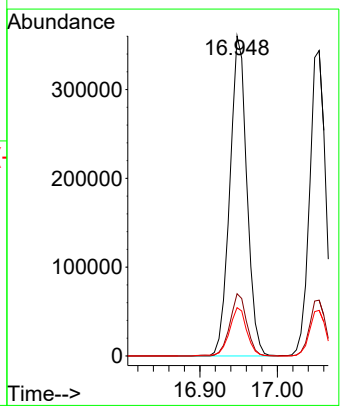
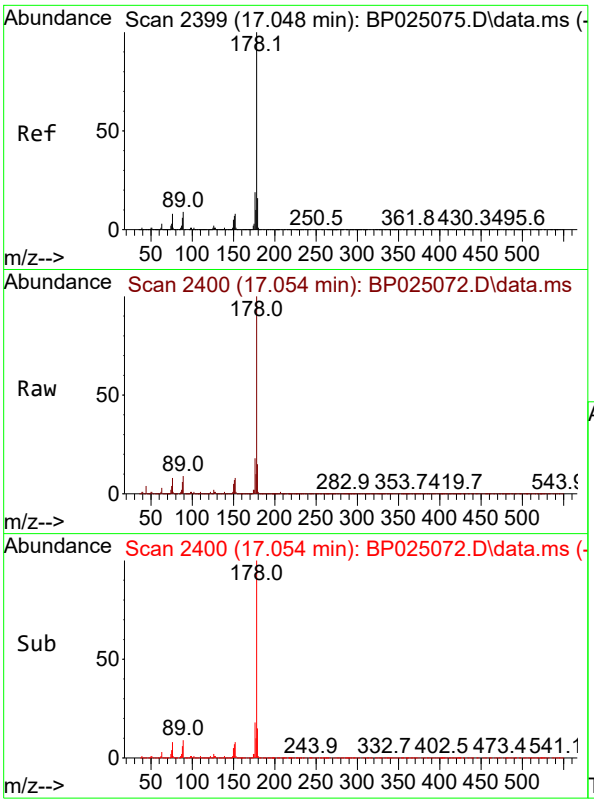


#71
Phenanthrene
Concen: 5.156 ng
RT: 16.948 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 550598

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.6	19.0

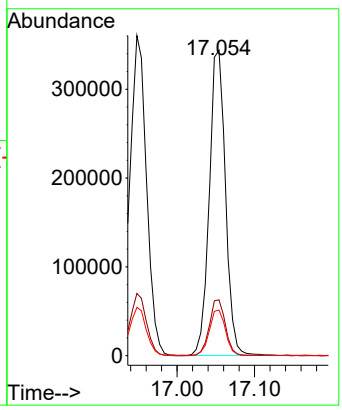




#72
Anthracene
Concen: 4.868 ng
RT: 17.054 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 49869

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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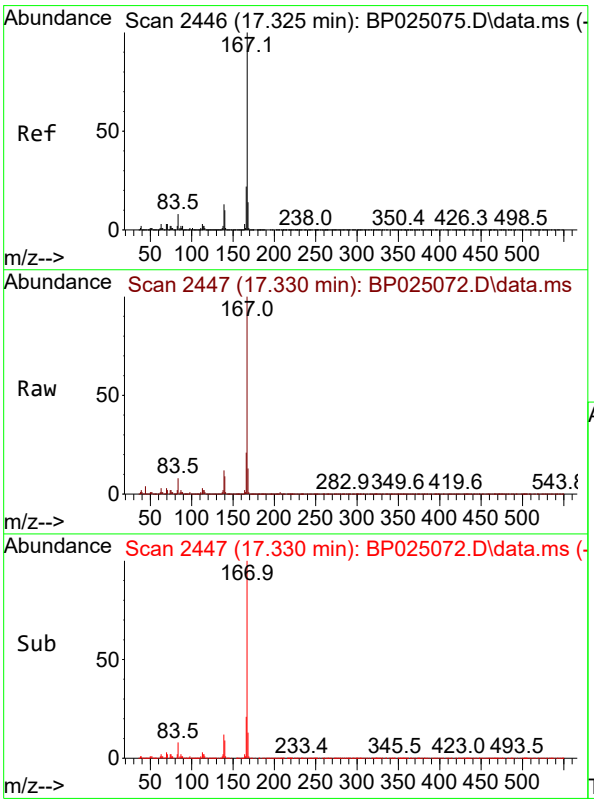
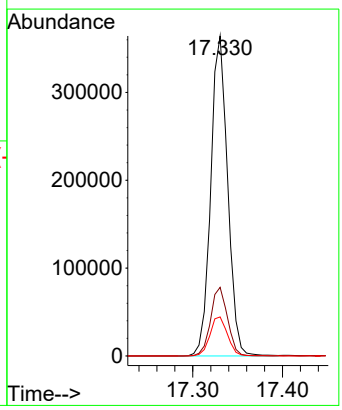
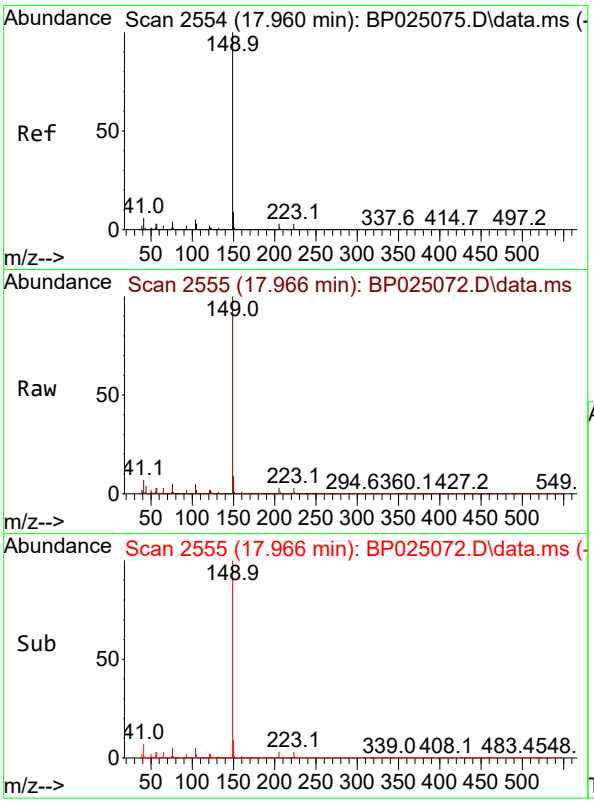


#73
Carbazole
Concen: 4.758 ng
RT: 17.330 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:167 Resp: 476619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	10.4	15.6

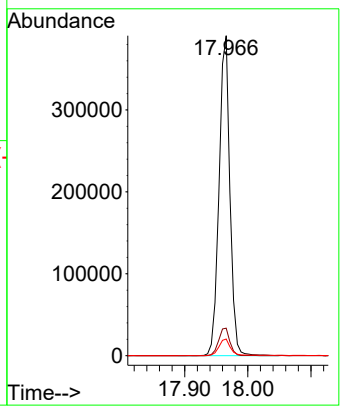




#74
Di-n-butylphthalate
Concen: 4.162 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 46427

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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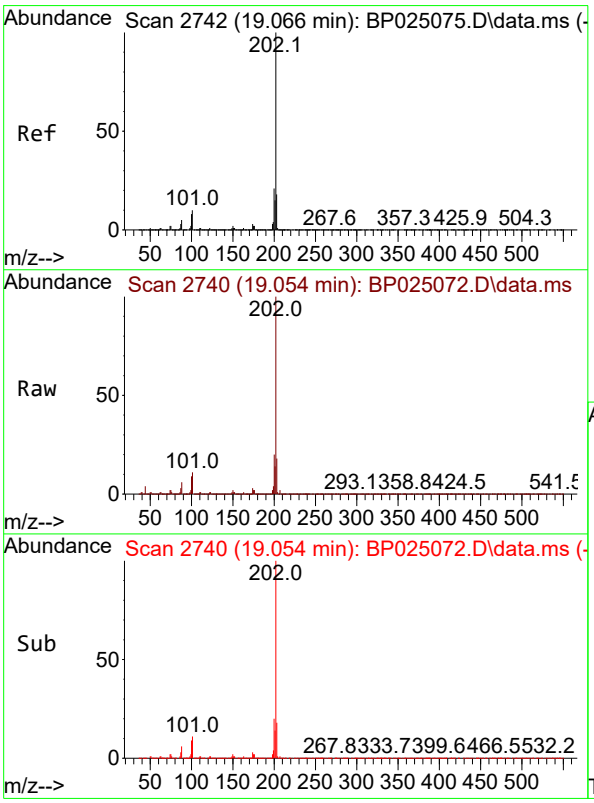
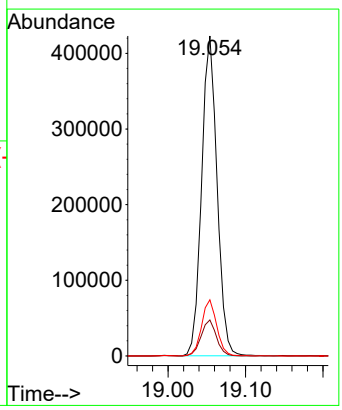
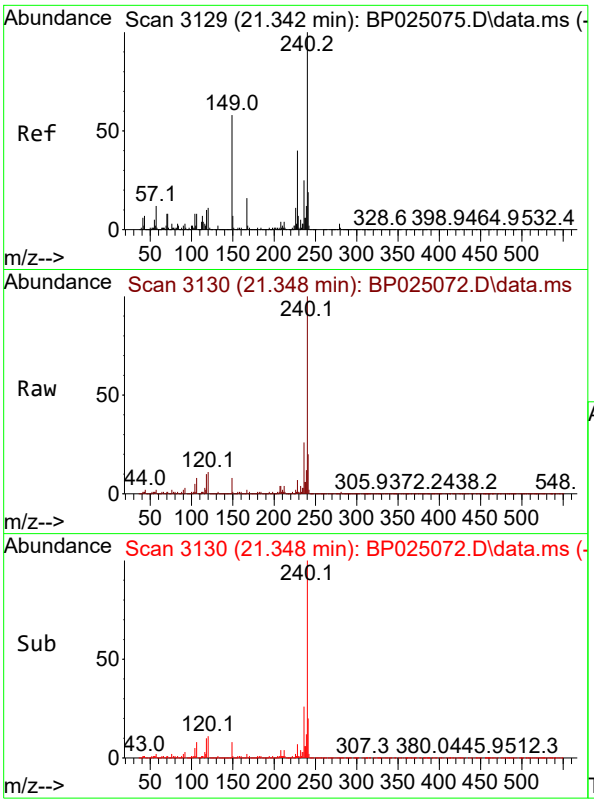


#75
Fluoranthene
Concen: 4.684 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 584660

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	17.6	0.0	37.6

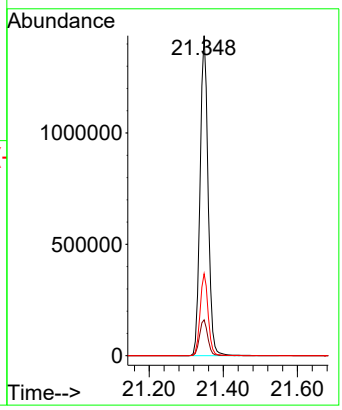




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:240 Resp: 214377

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.6	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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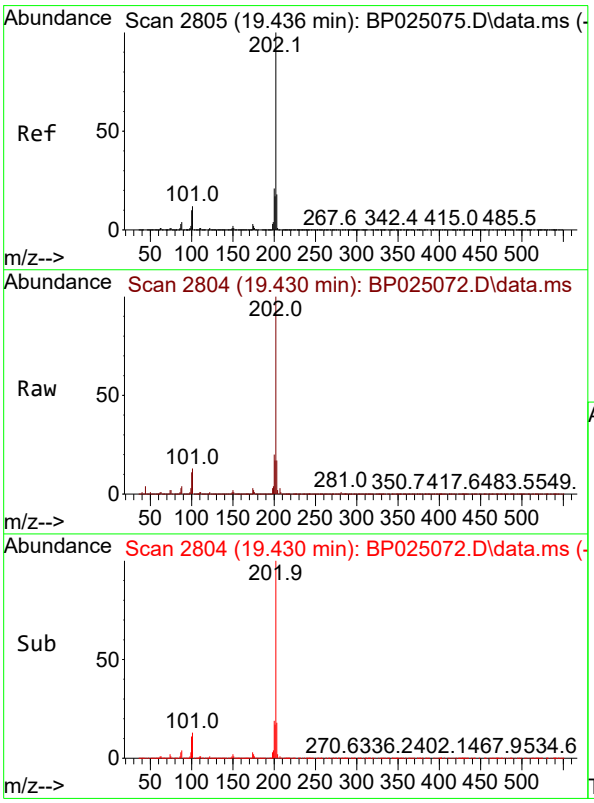
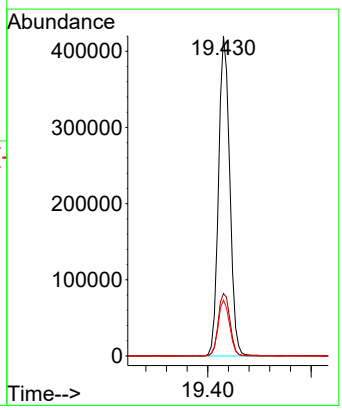
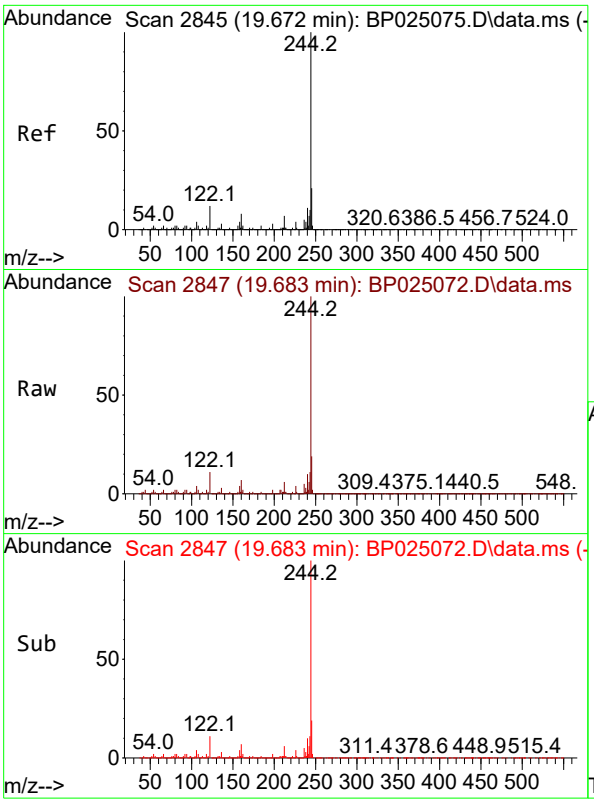


#78
Pyrene
Concen: 4.750 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 630754

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.1	25.7
203	17.5	14.1	21.1

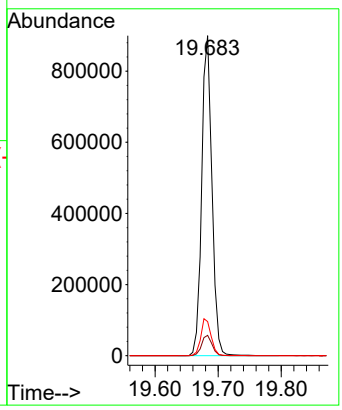




#79
Terphenyl-d14
Concen: 10.363 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:244 Resp: 101082

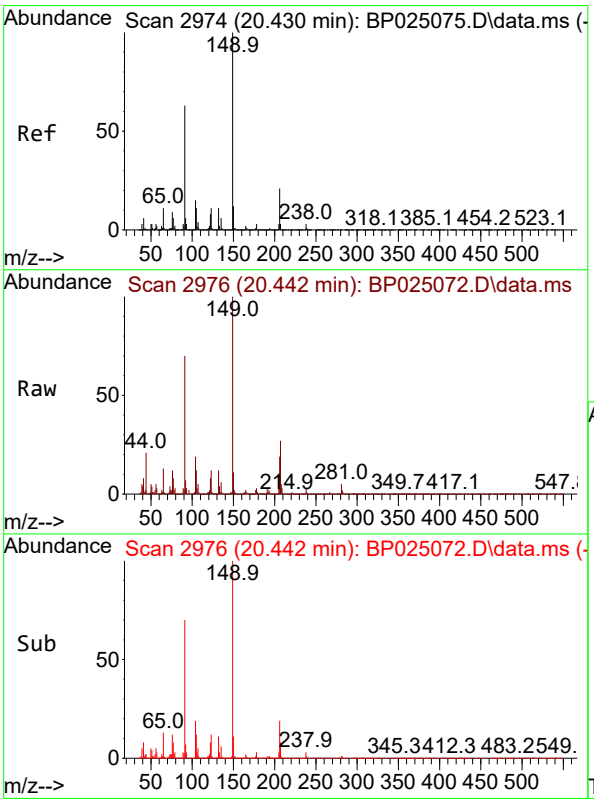
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

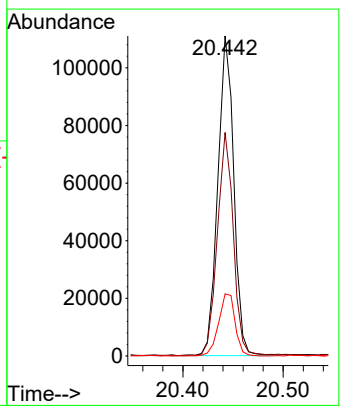
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

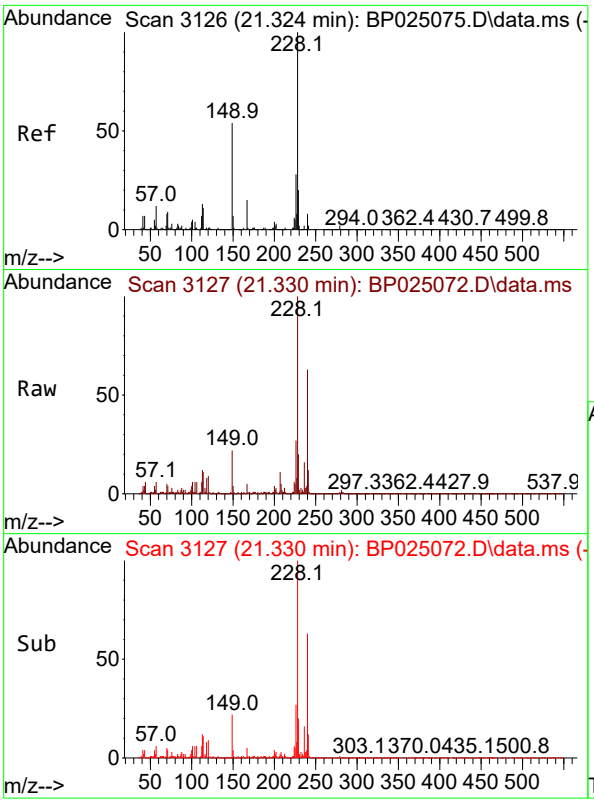


#80
Butylbenzylphthalate
Concen: 5.890 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 122350

Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.6	76.0
206	19.4	17.2	25.8

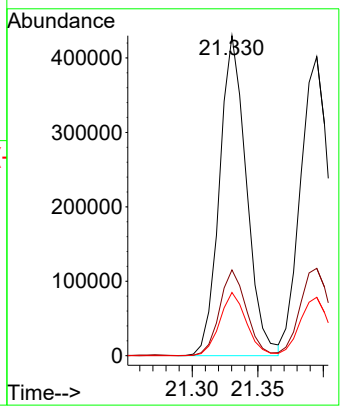




#81
Benzo(a)anthracene
Concen: 4.729 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 61435

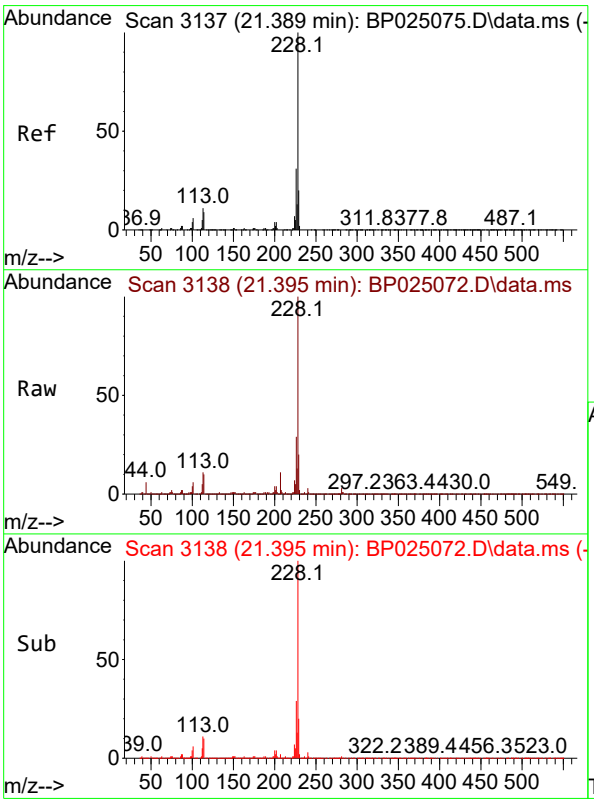
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

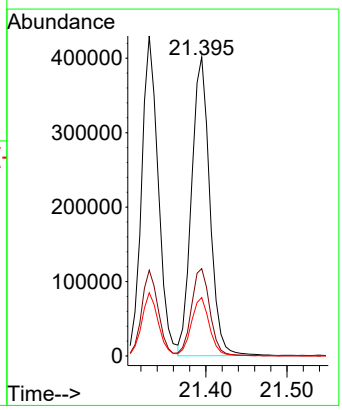
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

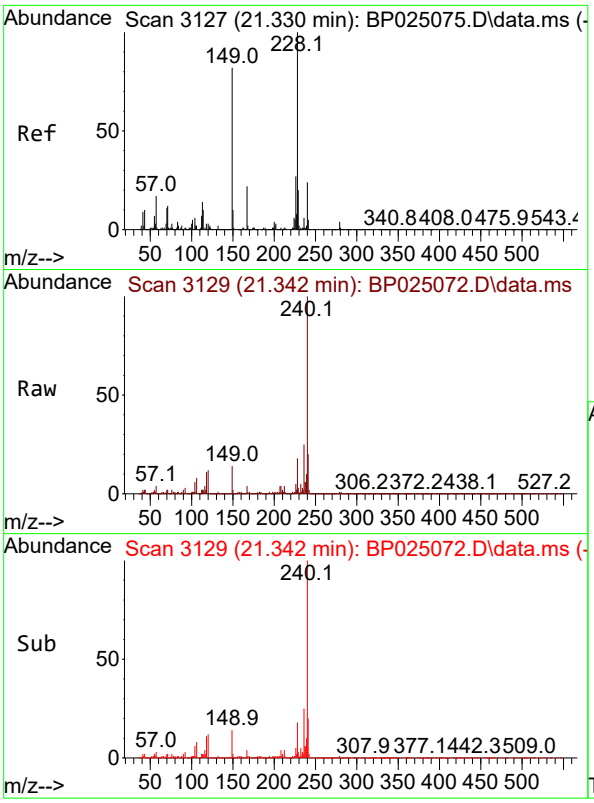


#83
Chrysene
Concen: 5.013 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 626717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	19.5	16.0	24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

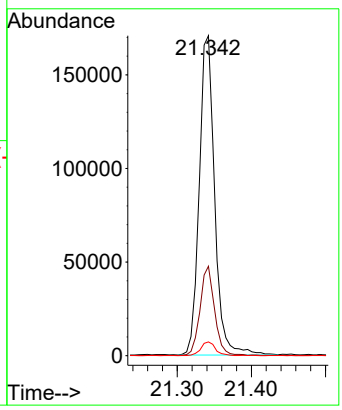
Tgt Ion:149 Resp: 24674

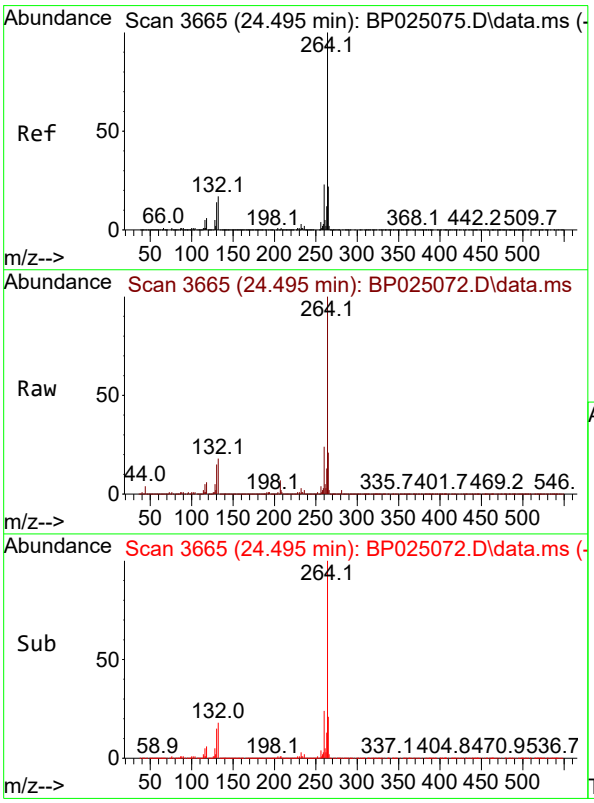
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.3	3.5	5.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

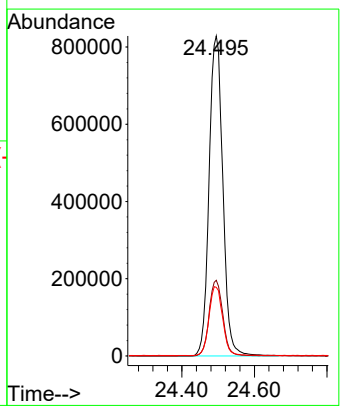


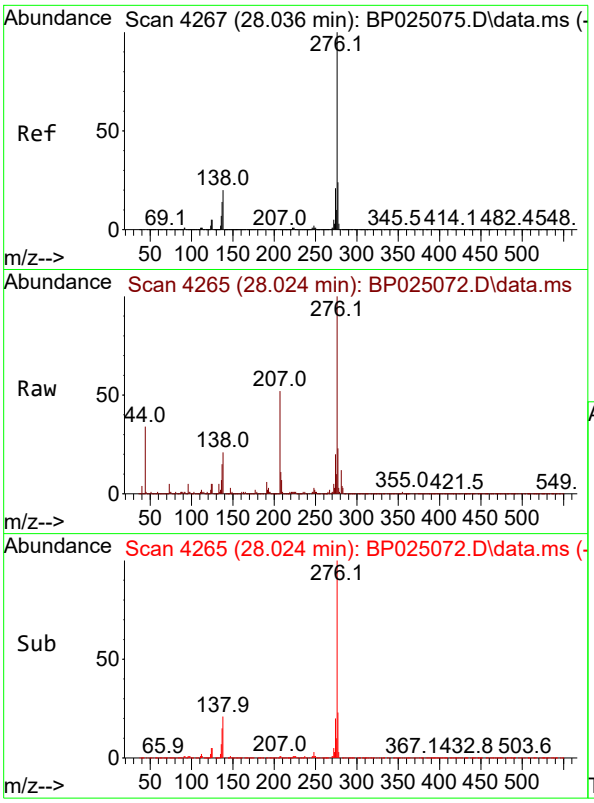


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:264 Resp: 2178150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5

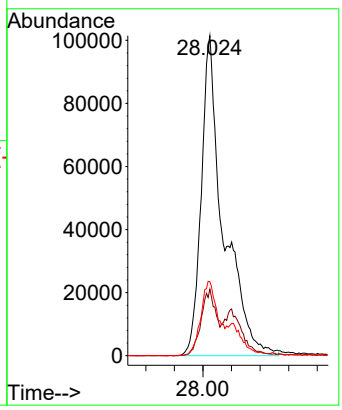




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.935 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 54614

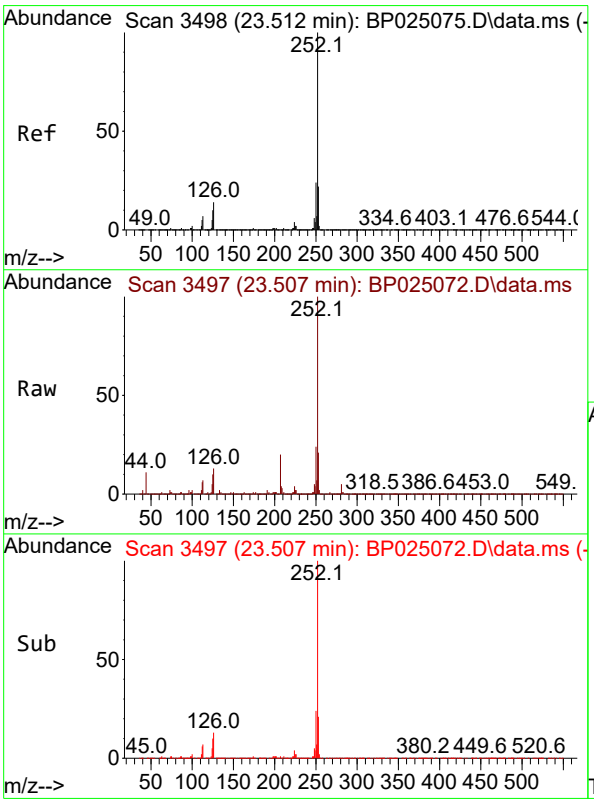
Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.0	19.6
277	17.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

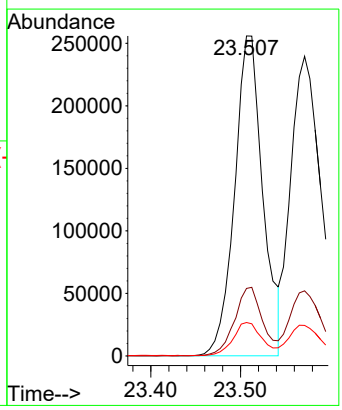
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

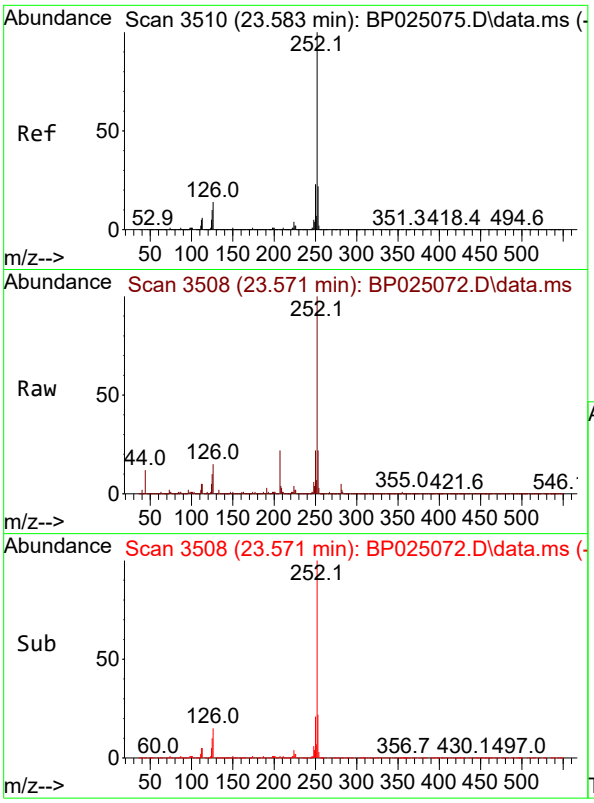


#88
Benzo(b)fluoranthene
Concen: 4.418 ng
RT: 23.507 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 560057

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.5	8.1	12.1

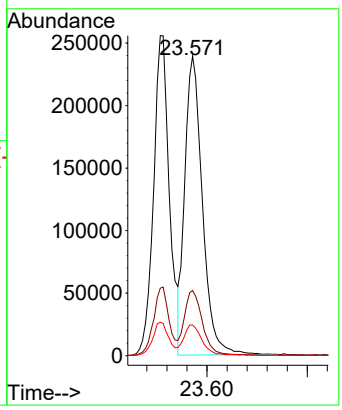




#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 58266

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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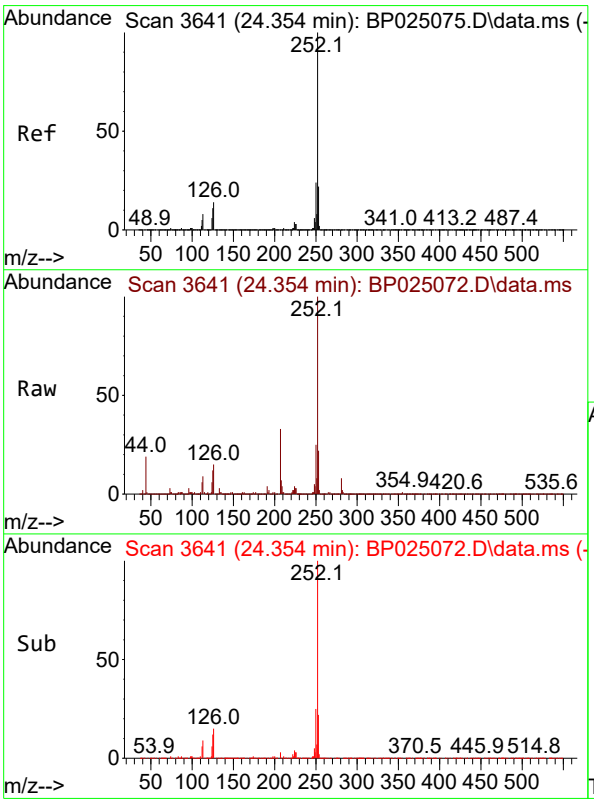
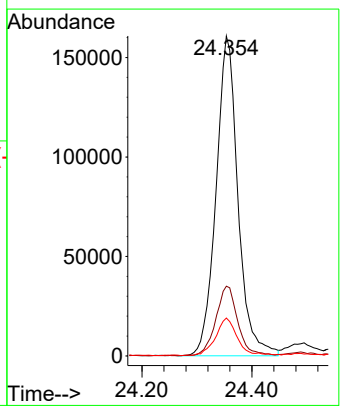
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

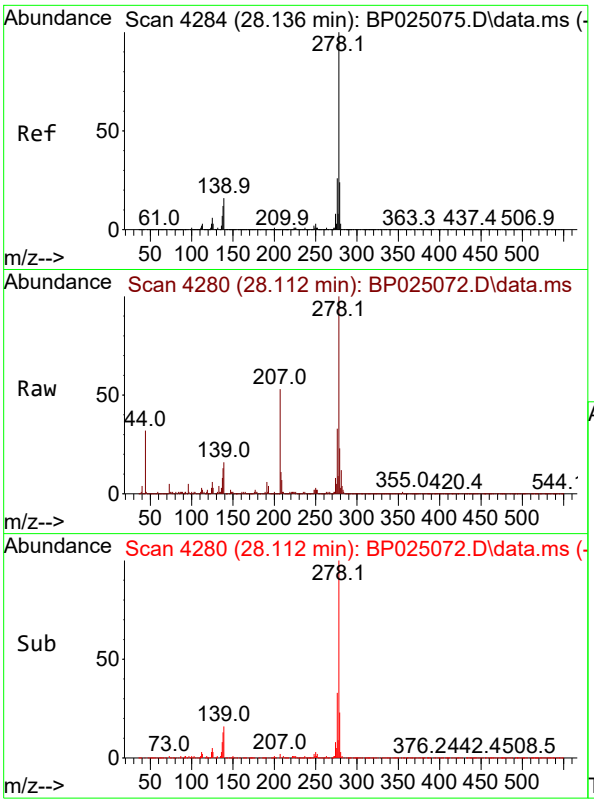


#90
Benzo(a)pyrene
Concen: 4.121 ng
RT: 24.354 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 444644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4

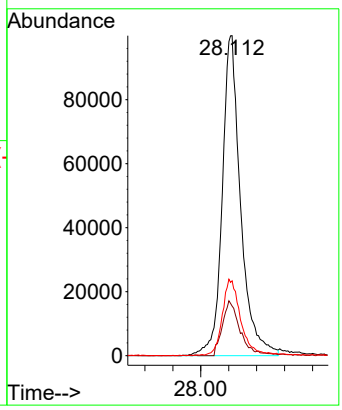




#91
Dibenzo(a,h)anthracene
Concen: 3.988 ng
RT: 28.112 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:278 Resp: 45743

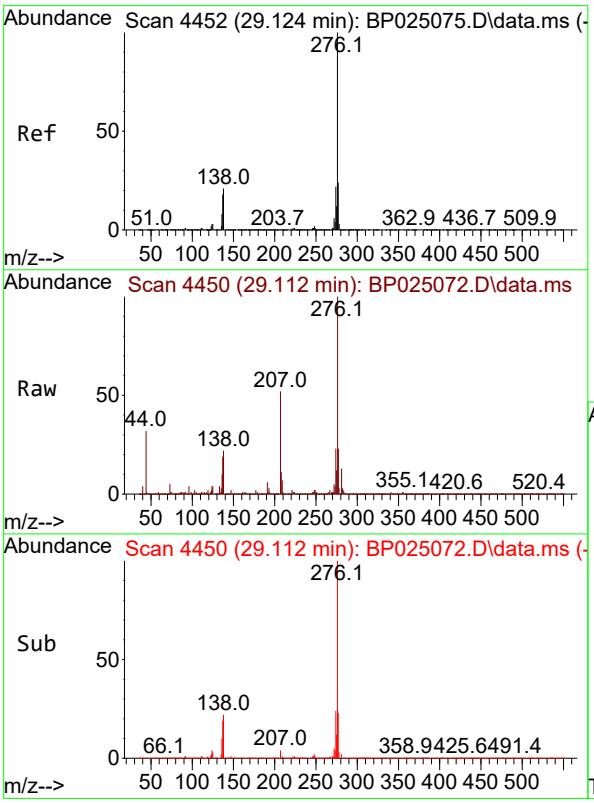
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.4	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

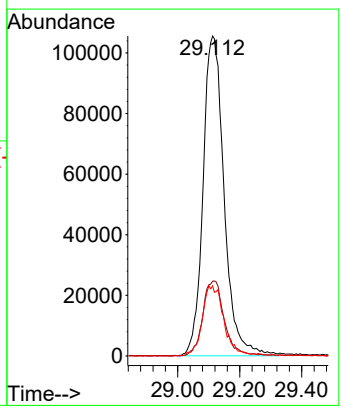
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 4.207 ng
RT: 29.112 min Scan# 4450
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 498456

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.9	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.449	152	342992	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	1376560	20.000	ng		0.01
39) Acenaphthene-d10	14.096	164	924609	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1970410	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2172955	20.000	ng		0.00
86) Perylene-d12	24.489	264	2220570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	376746	19.462	ng		0.00
7) Phenol-d6	6.631	99	482699	19.108	ng		0.00
23) Nitrobenzene-d5	8.566	82	381978	18.454	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	198235	18.149	ng		0.00
45) 2-Fluorobiphenyl	12.701	172	1211432	20.297	ng		0.00
79) Terphenyl-d14	19.672	244	1997838	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	77575	10.306	ng		98
3) Pyridine	3.490	79	197662	9.598	ng		97
4) n-Nitrosodimethylamine	3.408	42	85827	9.836	ng	#	92
6) Aniline	6.790	93	227023	9.619	ng		98
8) 2-Chlorophenol	7.014	128	206980	9.556	ng		96
9) Benzaldehyde	6.602	77	154921	11.743	ng		98
10) Phenol	6.655	94	250593	9.763	ng		99
11) bis(2-Chloroethyl)ether	6.890	93	195263	9.885	ng		98
12) 1,3-Dichlorobenzene	7.343	146	245857	10.143	ng		98
13) 1,4-Dichlorobenzene	7.478	146	245523	10.004	ng		98
14) 1,2-Dichlorobenzene	7.790	146	237961	10.079	ng		98
15) Benzyl Alcohol	7.678	79	152168	9.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.978	45	260708	10.150	ng		97
17) 2-Methylphenol	7.878	107	155778	9.422	ng		98
18) Hexachloroethane	8.502	117	75576	9.453	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	146424	9.774	ng		97
20) 3+4-Methylphenols	8.196	107	213641	9.225	ng		97
22) Acetophenone	8.243	105	330725	10.159	ng		98
24) Nitrobenzene	8.608	77	201551	9.560	ng		99
25) Isophorone	9.137	82	367740	9.507	ng		100
26) 2-Nitrophenol	9.313	139	63769	9.106	ng		92
27) 2,4-Dimethylphenol	9.390	122	134296	9.307	ng		97
28) bis(2-Chloroethoxy)met...	9.625	93	255336	9.722	ng		99
29) 2,4-Dichlorophenol	9.843	162	181263	9.059	ng		99
30) 1,2,4-Trichlorobenzene	10.066	180	219650	9.913	ng		99
31) Naphthalene	10.243	128	709141	10.005	ng		99
32) Benzoic acid	9.455	122	79225	10.455	ng		95
33) 4-Chloroaniline	10.343	127	254489	9.621	ng		98
34) Hexachlorobutadiene	10.549	225	124190	9.767	ng		99
35) Caprolactam	11.084	113	59547	8.700	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	192224	9.193	ng		99
37) 2-Methylnaphthalene	11.872	142	489608	9.790	ng		99
38) 1-Methylnaphthalene	12.084	142	484403	9.931	ng		100
40) 1,2,4,5-Tetrachloroben...	12.249	216	253871	9.554	ng		99
41) Hexachlorocyclopentadiene	12.243	237	55283	7.965	ng		96
43) 2,4,6-Trichlorophenol	12.490	196	136269	8.469	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	161200	8.840	ng		98
46) 1,1'-Biphenyl	12.913	154	663919	9.869	ng		99
47) 2-Chloronaphthalene	12.949	162	503580	9.959	ng		98
48) 2-Nitroaniline	13.143	65	85669	9.283	ng		97
49) Acenaphthylene	13.807	152	750027	9.692	ng		99
50) Dimethylphthalate	13.554	163	636102	9.828	ng		99
51) 2,6-Dinitrotoluene	13.660	165	110177	8.728	ng		95
52) Acenaphthene	14.160	154	496424m	9.953	ng		
53) 3-Nitroaniline	13.990	138	114723	8.481	ng	#	95
54) 2,4-Dinitrophenol	14.201	184	35399	10.737	ng		96
55) Dibenzofuran	14.507	168	838464	10.186	ng		100
56) 4-Nitrophenol	14.301	139	98038	7.853	ng		92
57) 2,4-Dinitrotoluene	14.466	165	131885	9.365	ng		98
58) Fluorene	15.172	166	639683	10.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	146800	8.890	ng		97
60) Diethylphthalate	14.960	149	636288	9.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	317737	10.084	ng		98
62) 4-Nitroaniline	15.178	138	123493	8.706	ng		93
63) Azobenzene	15.478	77	589360	10.181	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	52978	10.800	ng		87
66) n-Nitrosodiphenylamine	15.390	169	539820	9.573	ng		99
67) 4-Bromophenyl-phenylether	16.090	248	186736	9.256	ng		93
68) Hexachlorobenzene	16.195	284	236838	9.604	ng		98
69) Atrazine	16.384	200	164479	9.954	ng		100
70) Pentachlorophenol	16.554	266	129459	7.774	ng		98
71) Phenanthrene	16.960	178	1068228	10.146	ng		99
72) Anthracene	17.042	178	980773	9.710	ng		99
73) Carbazole	17.331	167	979377	9.917	ng		99
74) Di-n-butylphthalate	17.966	149	979540	8.907	ng		100
75) Fluoranthene	19.060	202	1203752	9.781	ng		99
77) Benzidine	19.266	184	192008	5.003	ng		99
78) Pyrene	19.442	202	1286495	9.559	ng		99
80) Butylbenzylphthalate	20.430	149	300028	9.024	ng		95
81) Benzo(a)anthracene	21.325	228	1276106	9.691	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	270931	6.834	ng		99
83) Chrysene	21.389	228	1246003	9.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	564998	7.999	ng		97
85) Di-n-octyl phthalate	22.554	149	662011	10.561	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	1222863	8.642	ng		98
88) Benzo(b)fluoranthene	23.495	252	1180548	9.134	ng		100
89) Benzo(k)fluoranthene	23.560	252	1252989	9.743	ng		99
90) Benzo(a)pyrene	24.342	252	963455	8.758	ng		99
91) Dibenzo(a,h)anthracene	28.118	278	1022797	8.747	ng		100
92) Benzo(g,h,i)perylene	29.095	276	1073371	8.886	ng		99

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

ICAL Form

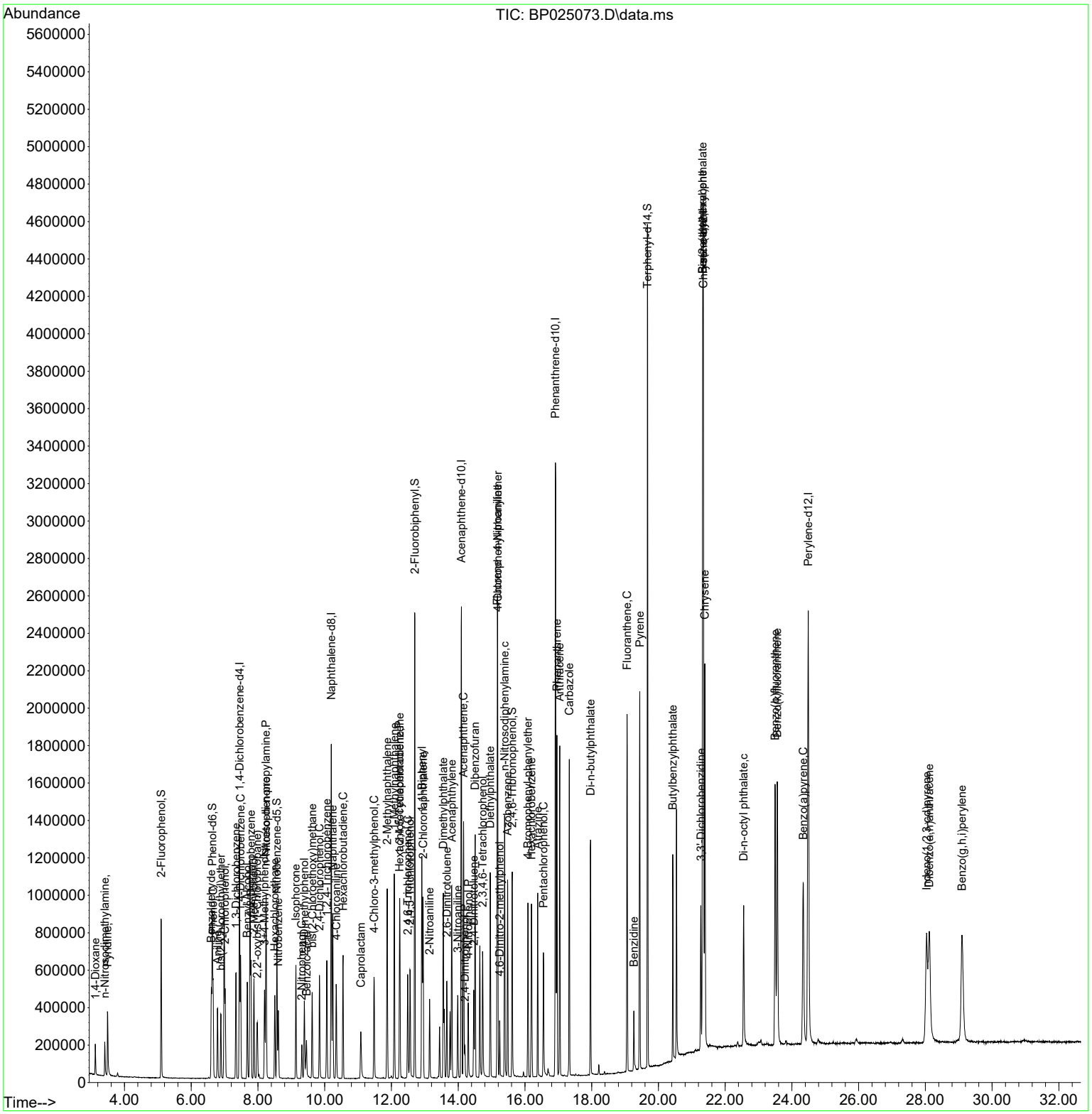
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

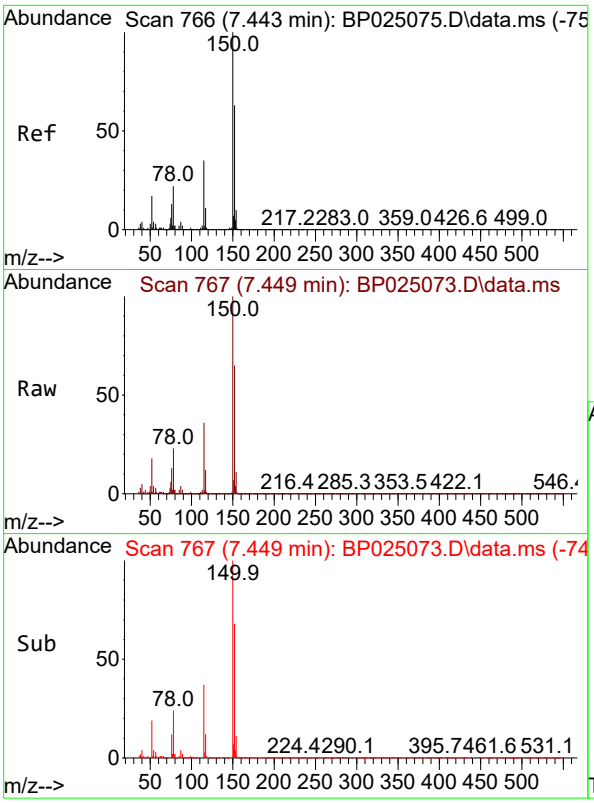
Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

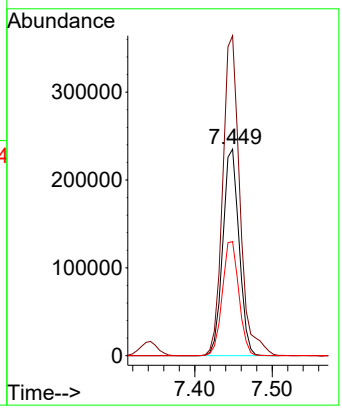




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:152 Resp: 34299

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.2	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 07/07/2025
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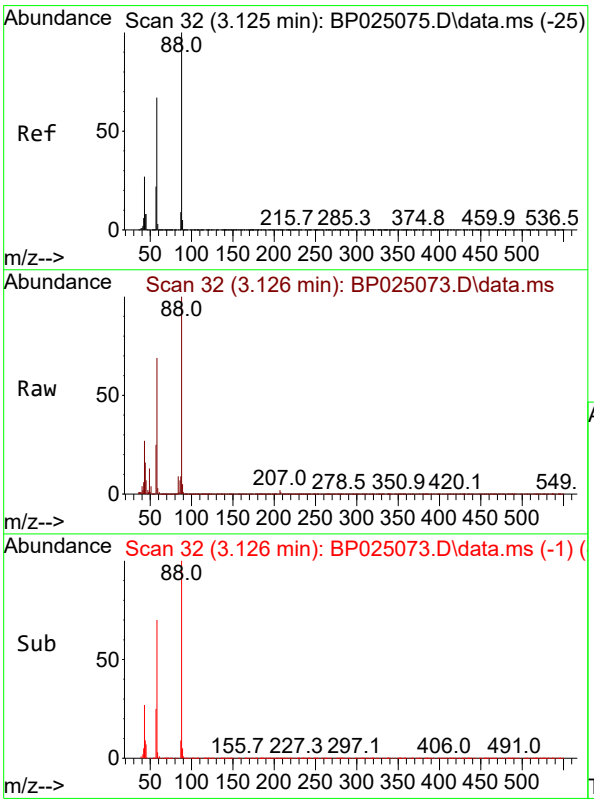
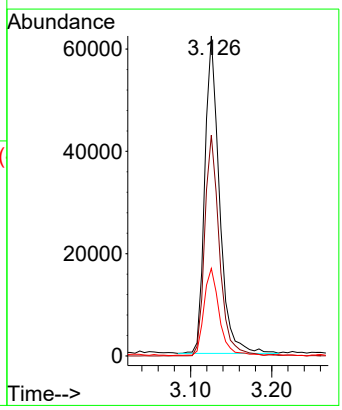
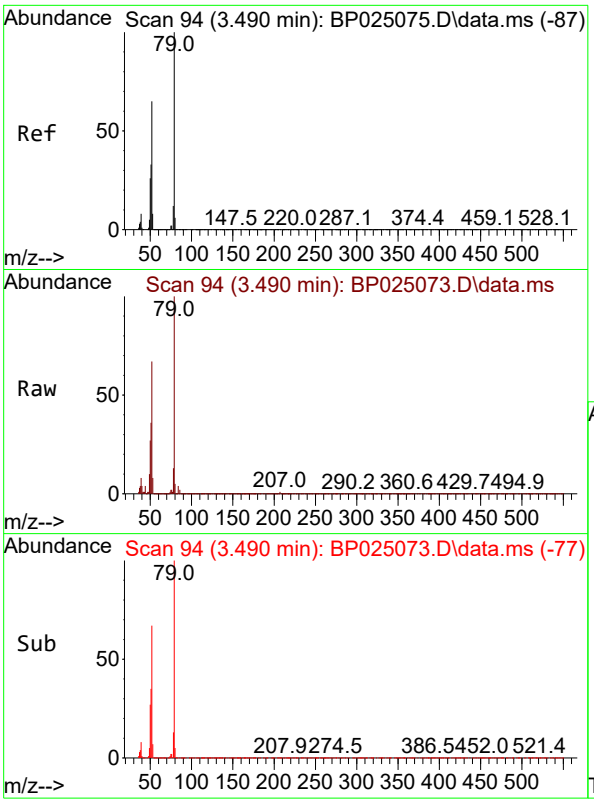


#2
1,4-Dioxane
Concen: 10.306 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 88 Resp: 77575

Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.0	82.4
43	28.7	21.9	32.9

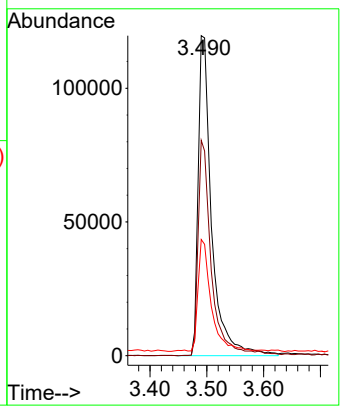




#3
Pyridine
Concen: 9.598 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 79 Resp: 19766

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	36.3	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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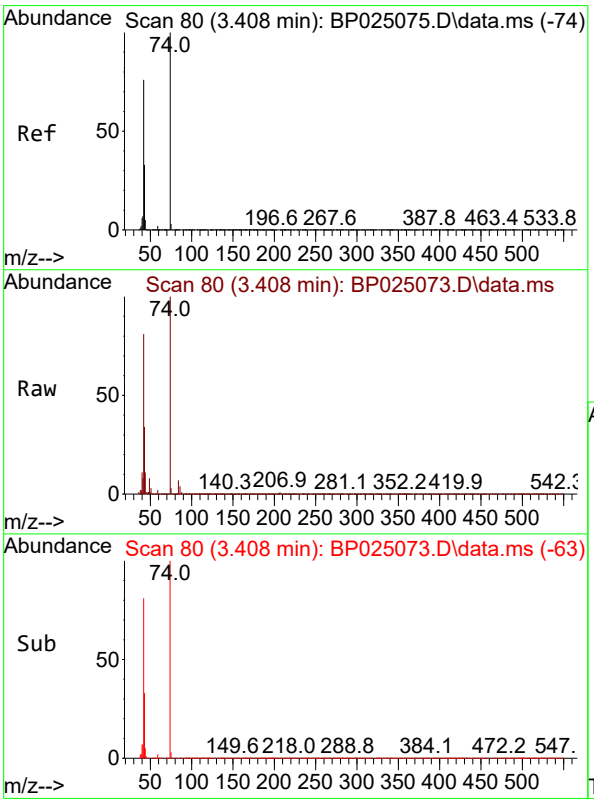
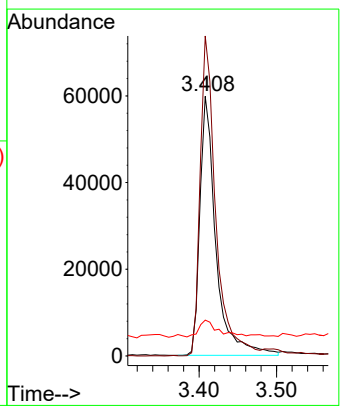
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

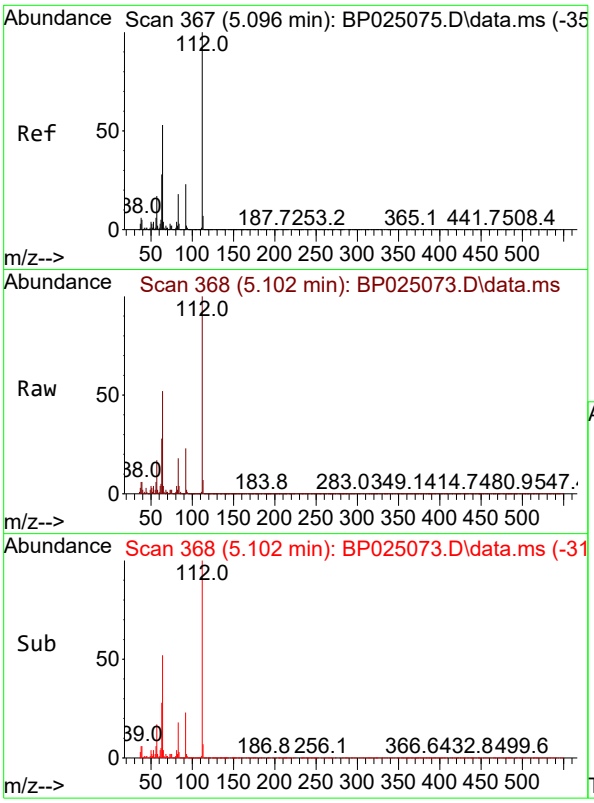


#4
n-Nitrosodimethylamine
Concen: 9.836 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
74	123.2	105.2	157.8
44	13.8	6.6	9.8#

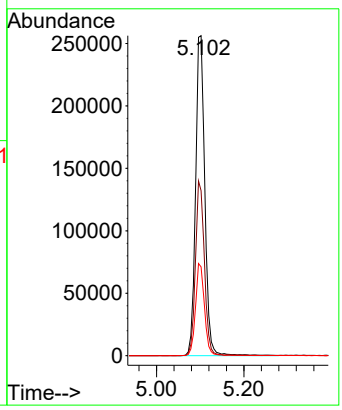




#5
2-Fluorophenol
Concen: 19.462 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:112 Resp: 37674

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	27.7	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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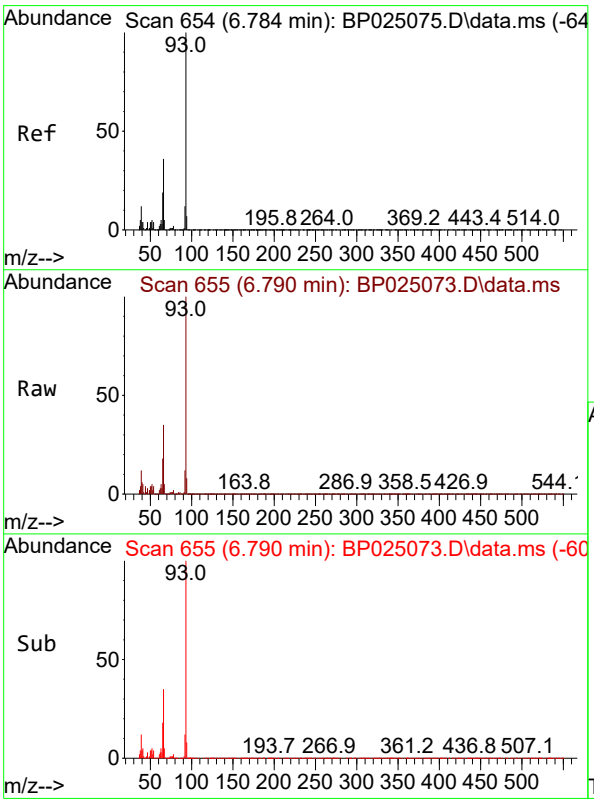
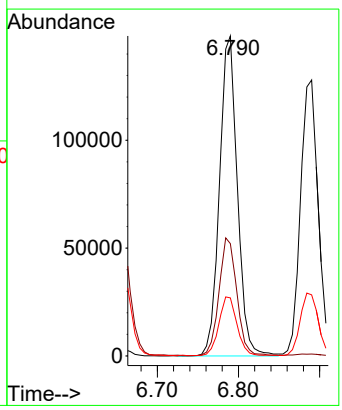
Supervised By :Jagrut Upadhyay 07/07/2025

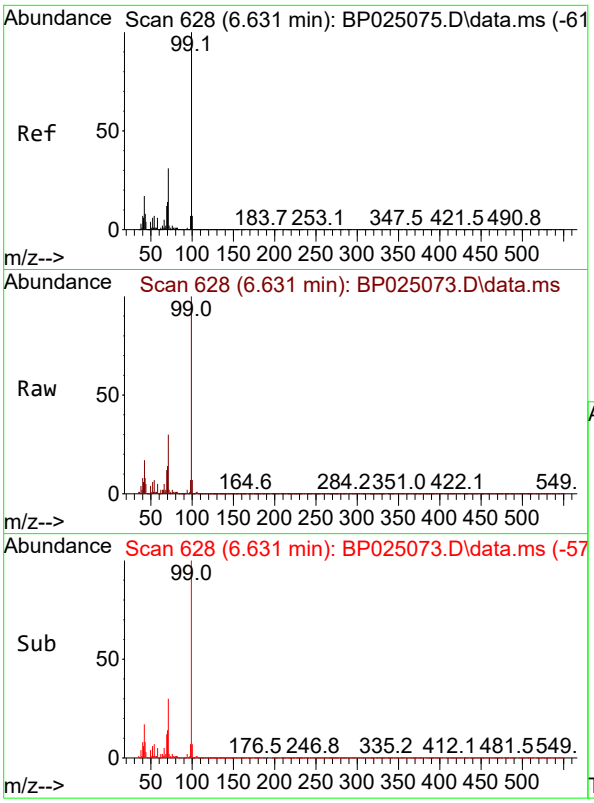


#6
Aniline
Concen: 9.619 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 227023

Ion	Ratio	Lower	Upper
93	100		
66	35.1	28.9	43.3
65	18.2	15.2	22.8

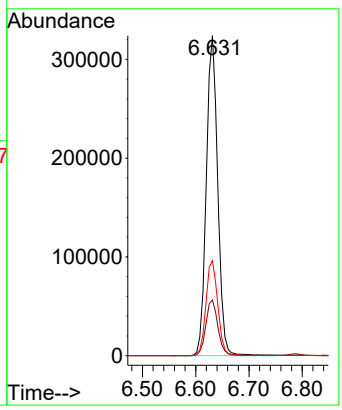




#7
Phenol-d6
Concen: 19.108 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 99 Resp: 48269

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	29.7	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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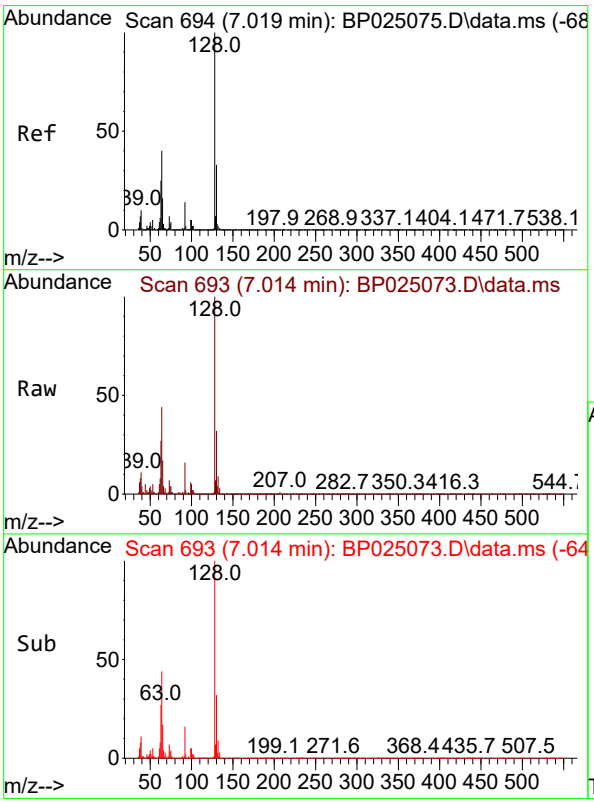
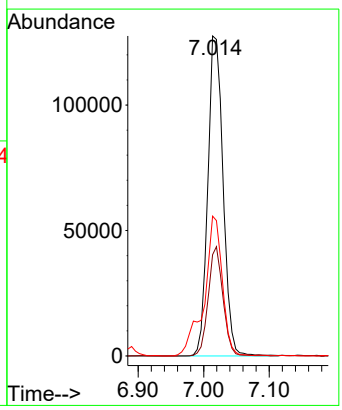
Supervised By :Jagrut Upadhyay 07/07/2025

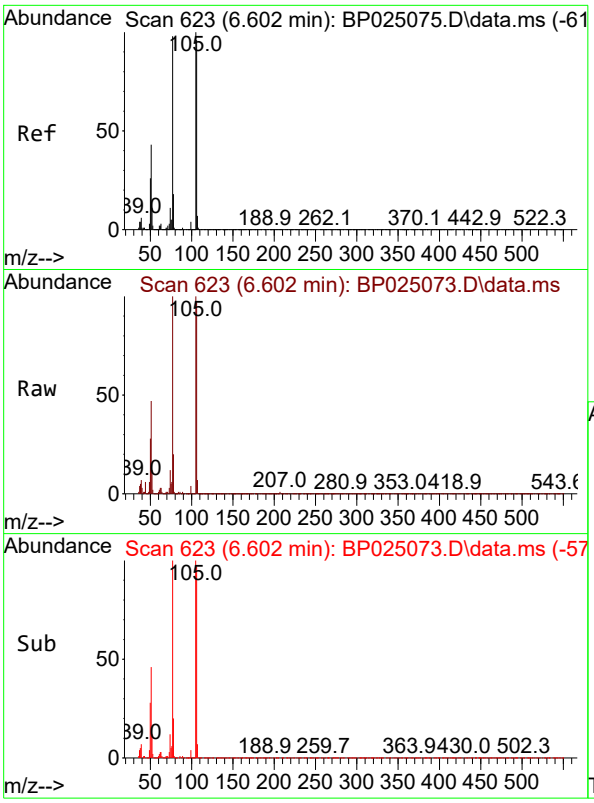


#8
2-Chlorophenol
Concen: 9.556 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 206980

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	43.7	20.3	60.3

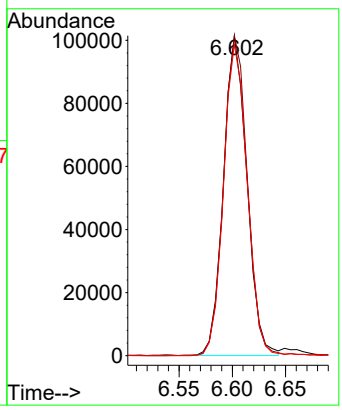




#9
Benzaldehyde
Concen: 11.743 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 15492

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.4	122.4
106	97.4	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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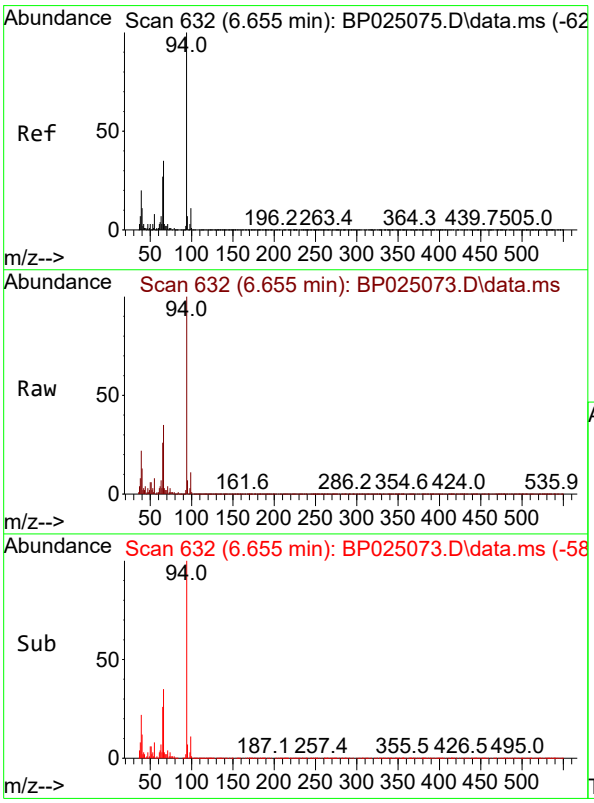
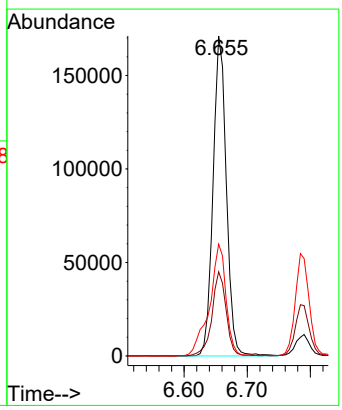
Supervised By :Jagrut Upadhyay 07/07/2025

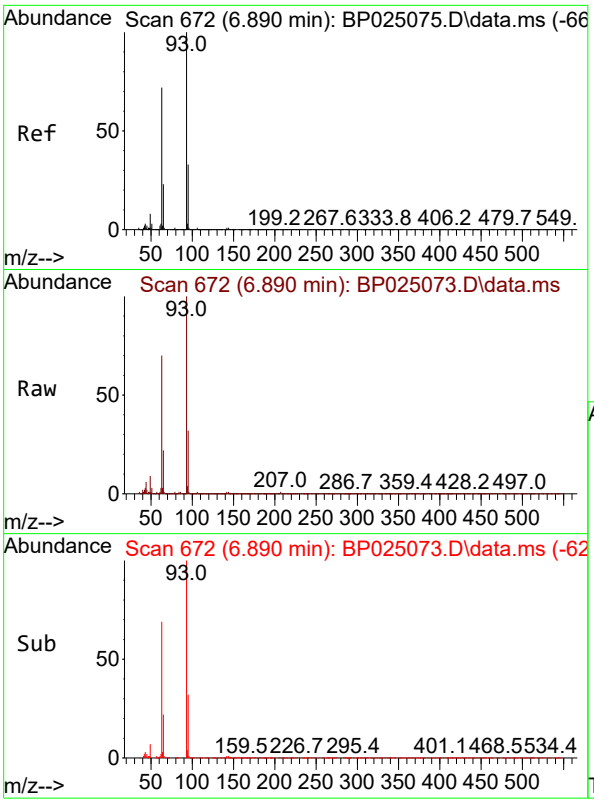


#10
Phenol
Concen: 9.763 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 94 Resp: 250593

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.9	14.6	54.6

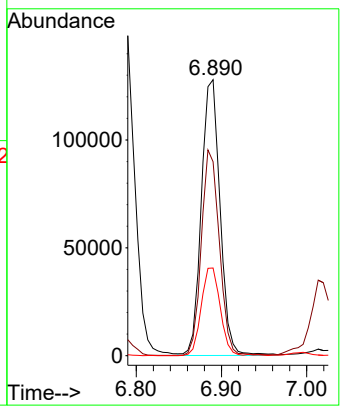




#11
bis(2-Chloroethyl)ether
Concen: 9.885 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 19526

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.9	91.9
95	31.8	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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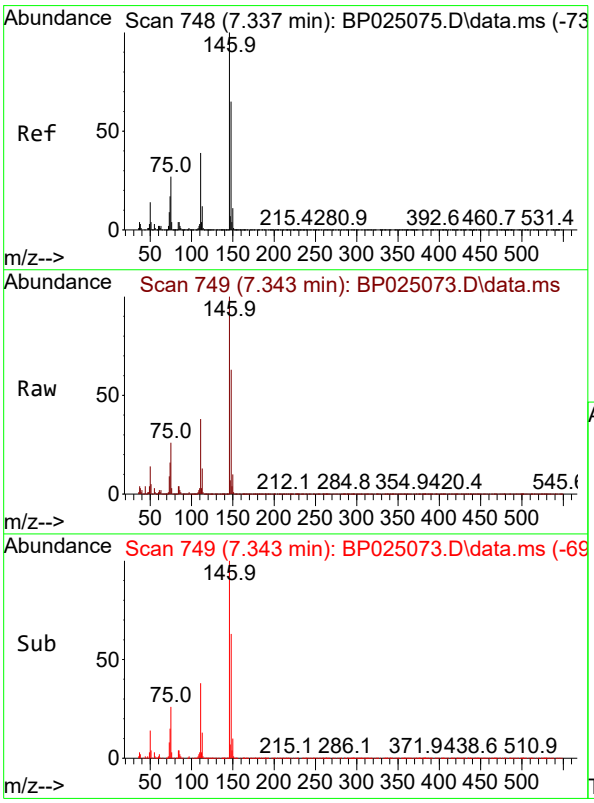
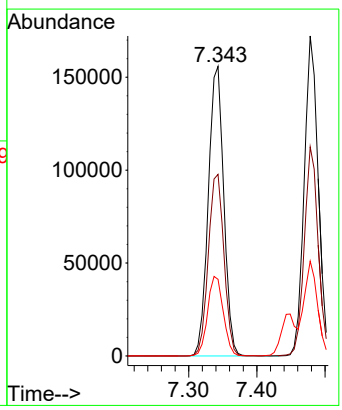
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

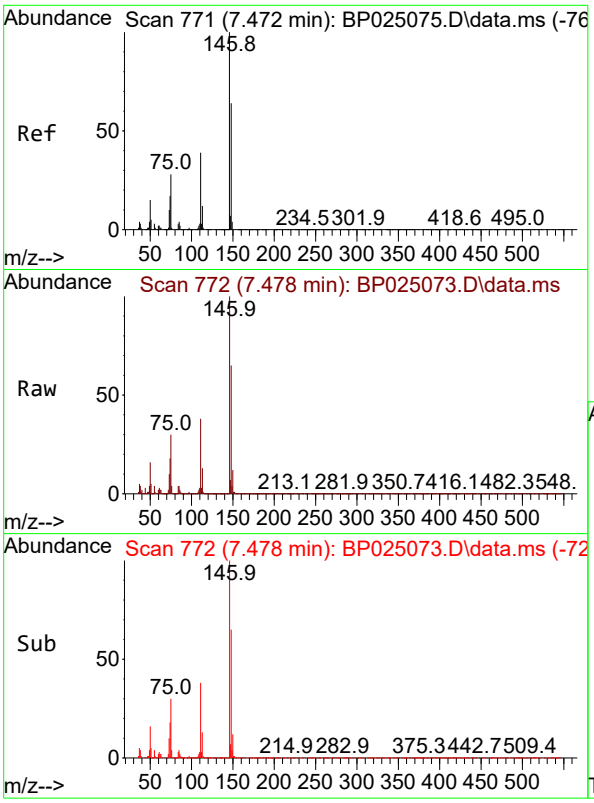


#12
1,3-Dichlorobenzene
Concen: 10.143 ng
RT: 7.343 min Scan# 749
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 245857

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	26.5	21.8	32.6

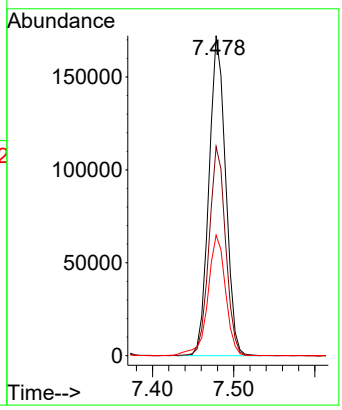




#13
1,4-Dichlorobenzene
Concen: 10.004 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 24552

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	37.7	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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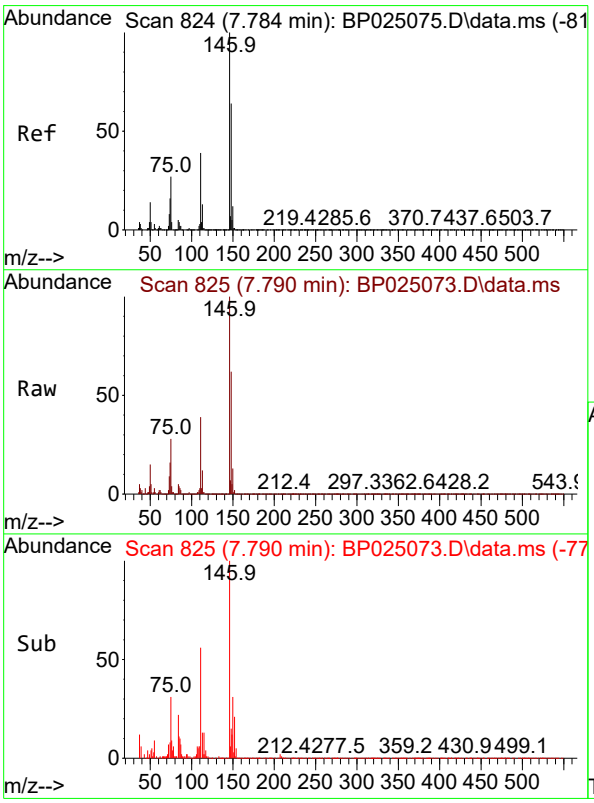
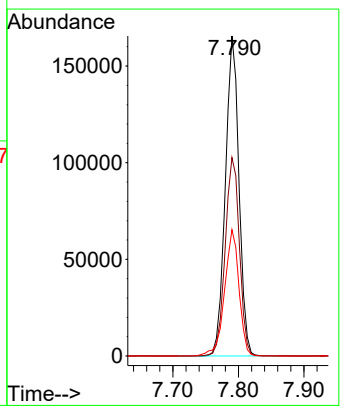
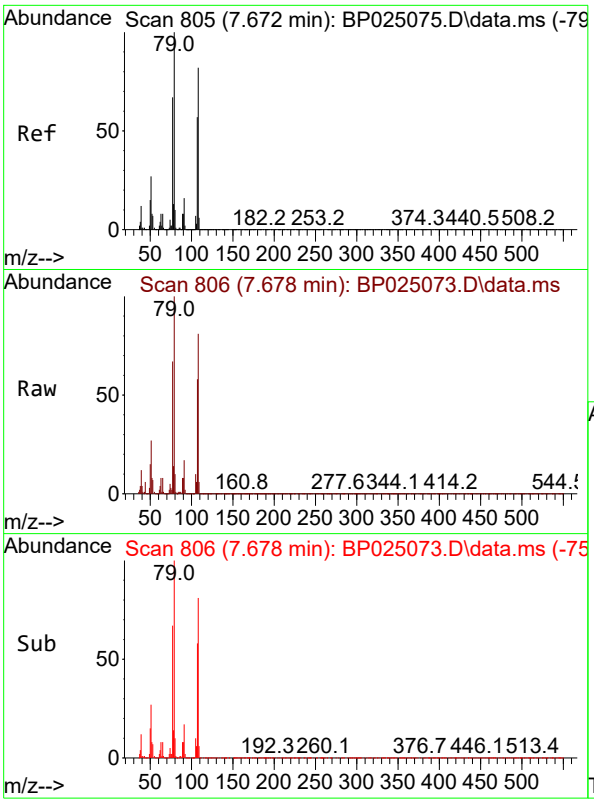


#14
1,2-Dichlorobenzene
Concen: 10.079 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 237961

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	39.5	31.2	46.8

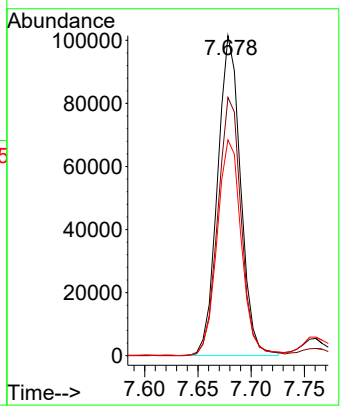




#15
Benzyl Alcohol
Concen: 9.025 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 79 Resp: 15216

Ion	Ratio	Lower	Upper
79	100		
108	80.7	66.0	99.0
77	67.4	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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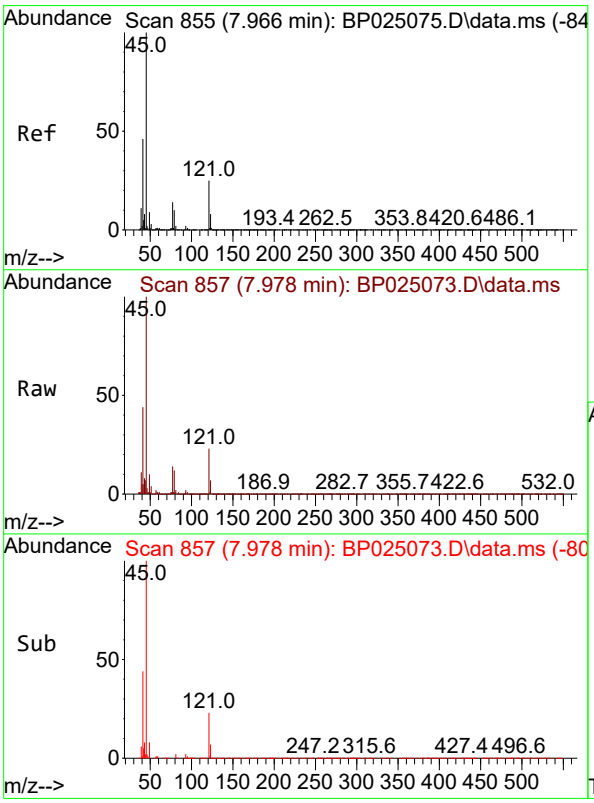
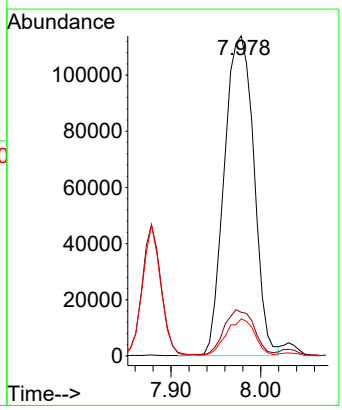
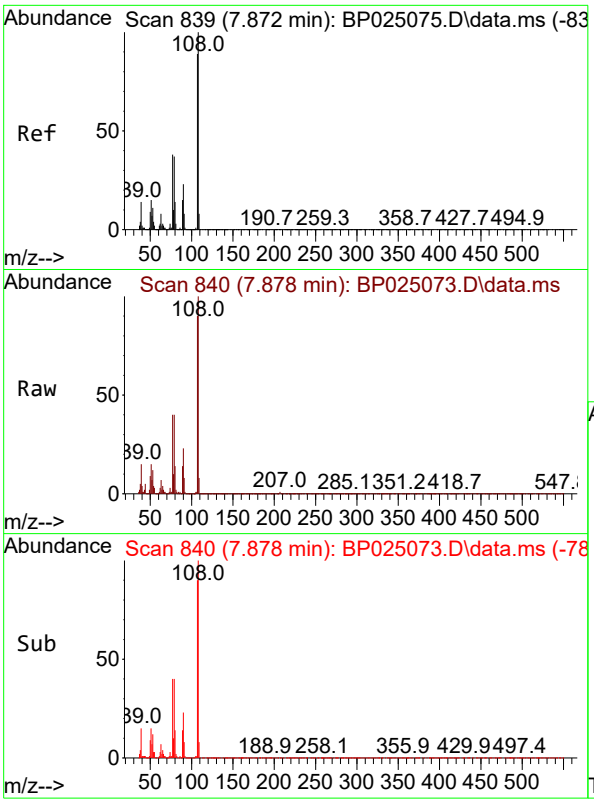


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 45 Resp: 260708

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.8
79	11.6	0.0	30.7

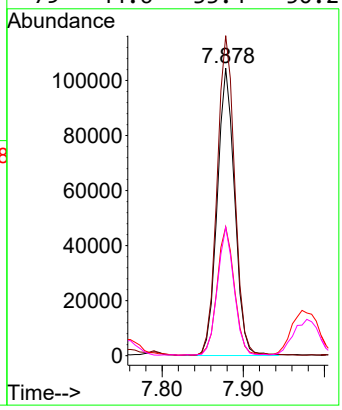




#17
2-Methylphenol
Concen: 9.422 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 15577

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	44.8	34.2	51.4
79	44.6	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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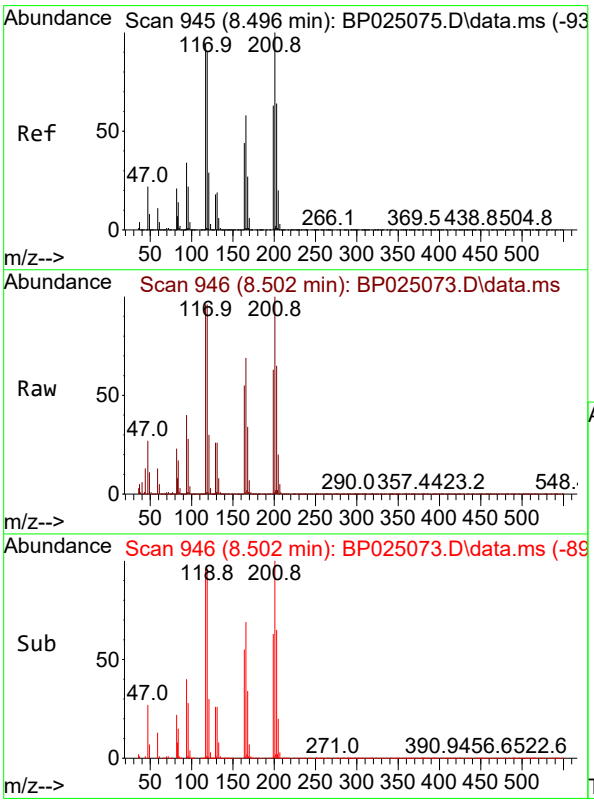
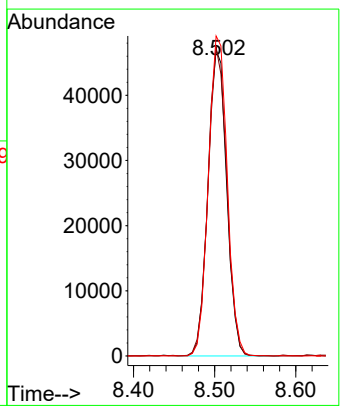
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

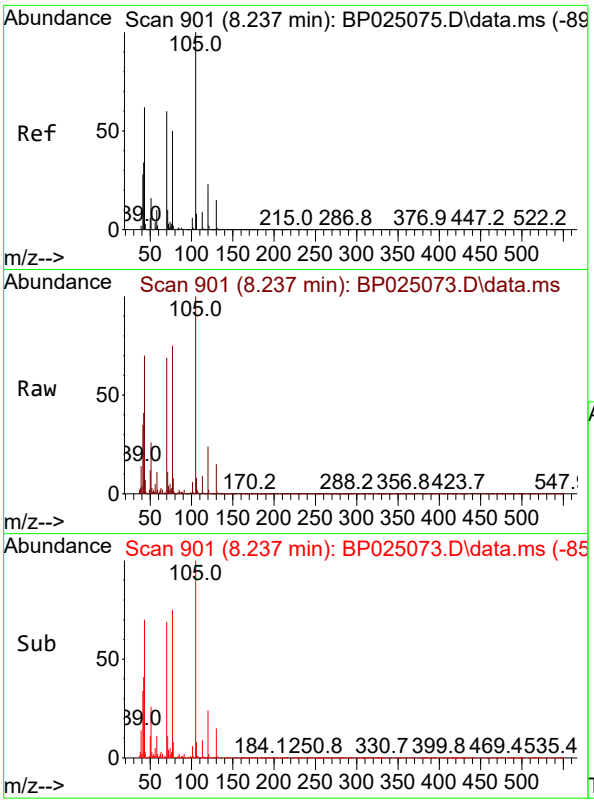


#18
Hexachloroethane
Concen: 9.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:117 Resp: 75576

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
201	104.6	85.4	128.2

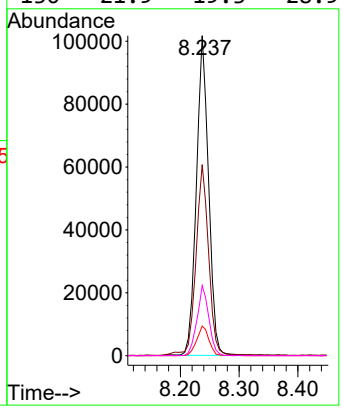




#19
n-Nitroso-di-n-propylamine
Concen: 9.774 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 70 Resp: 14642

Ion	Ratio	Lower	Upper
70	100		
42	59.7	46.5	69.7
101	9.3	7.9	11.9
130	21.9	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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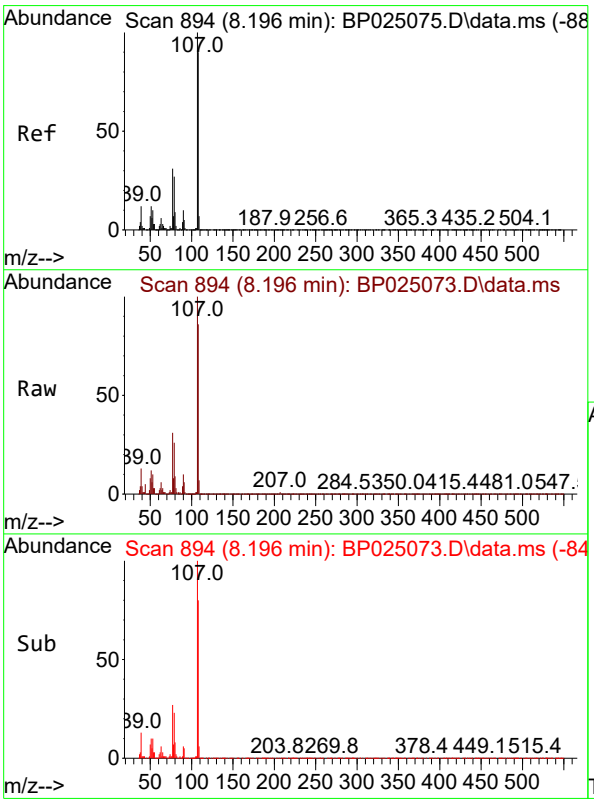
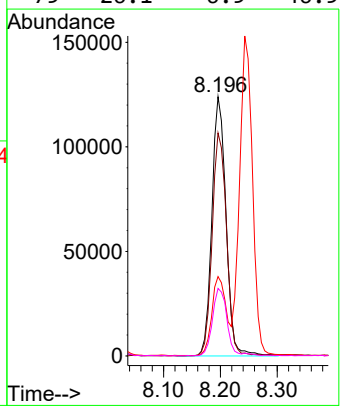
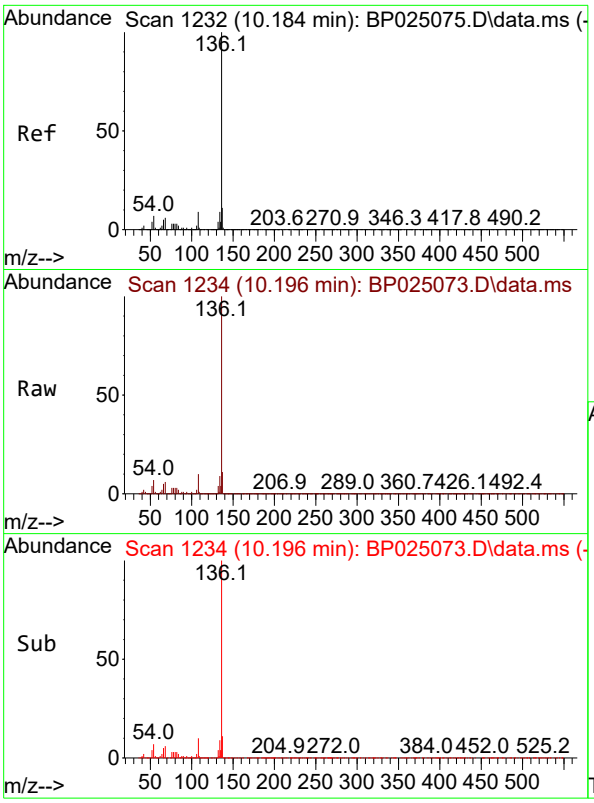


#20
3+4-Methylphenols
Concen: 9.225 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 213641

Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.5	109.5
77	30.6	11.4	51.4
79	26.1	6.9	46.9

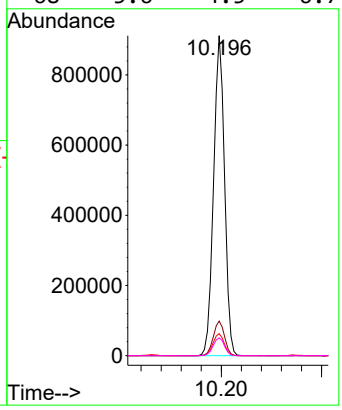




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:136 Resp: 137656

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7



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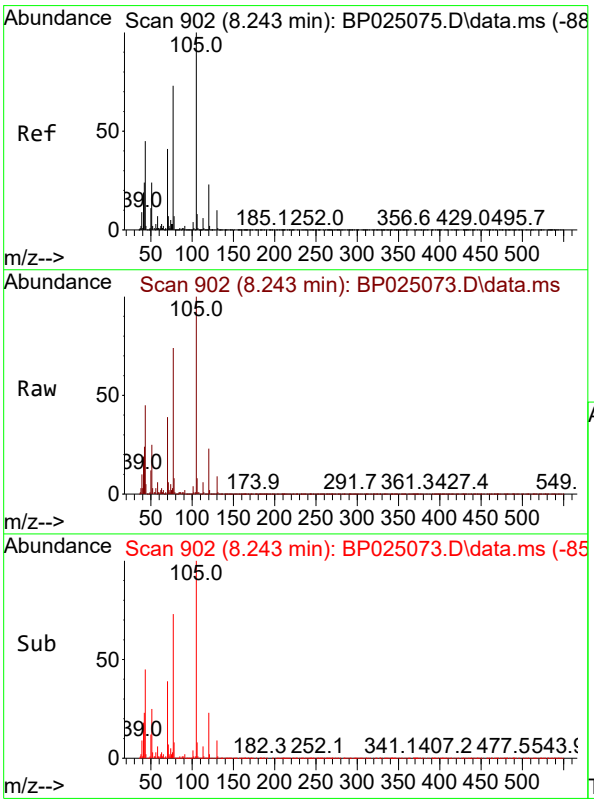
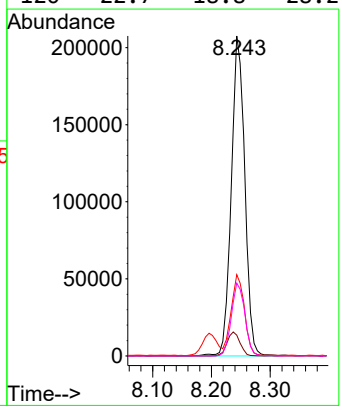
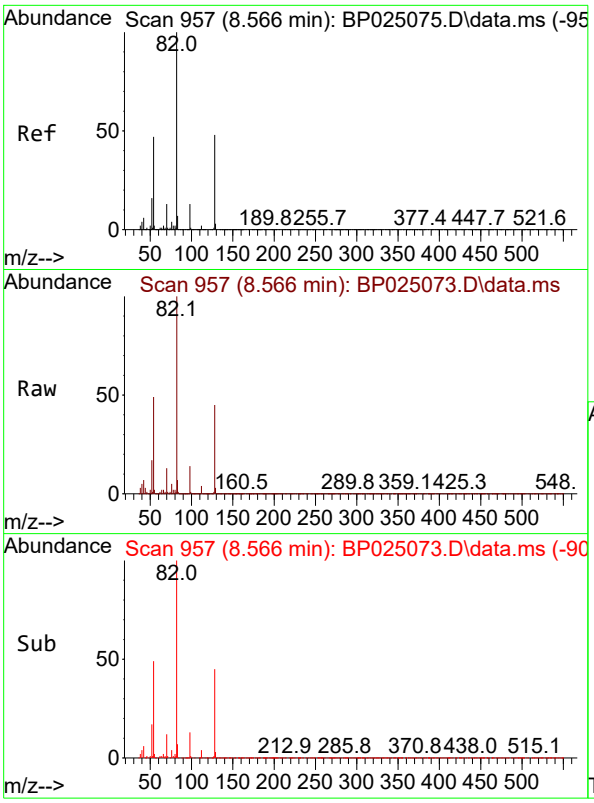


#22
Acetophenone
Concen: 10.159 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:105 Resp: 330725

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.4	8.2
51	25.4	19.6	29.4
120	22.7	18.8	28.2





#23
Nitrobenzene-d5
Concen: 18.454 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 82 Resp: 38197

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.4	57.6
54	49.3	37.8	56.6

Instrument :
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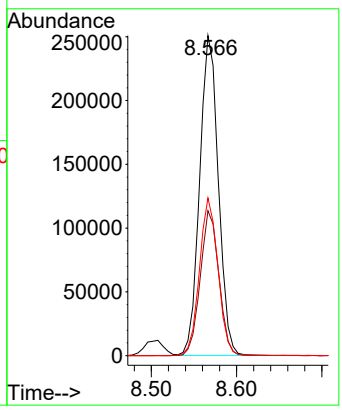
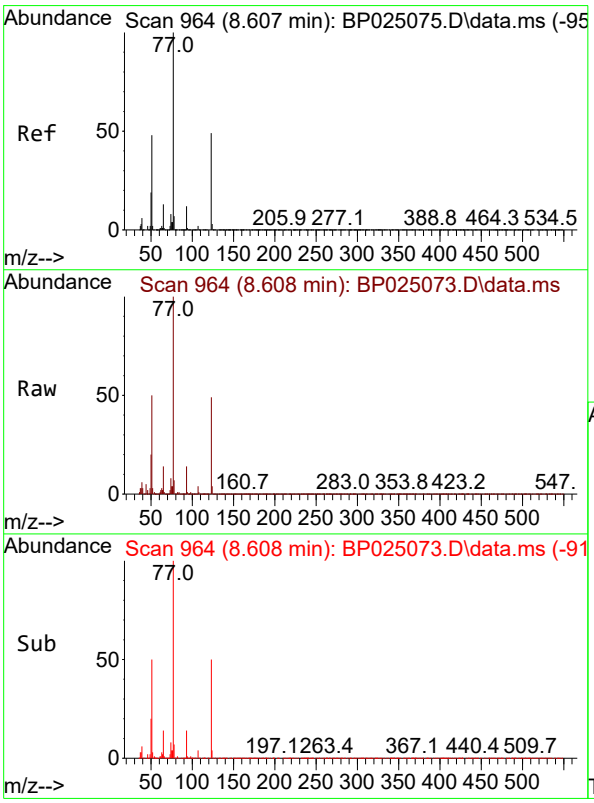
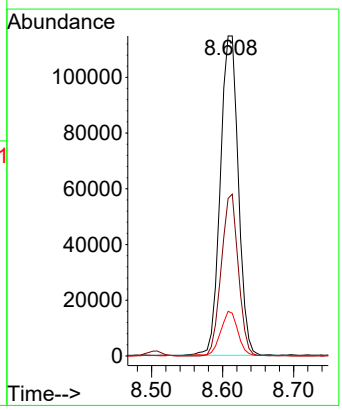


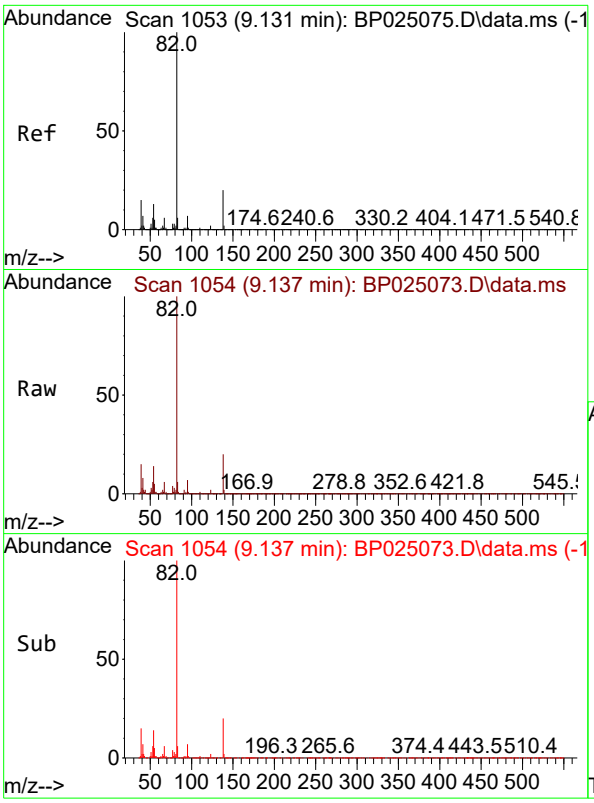


#24
Nitrobenzene
Concen: 9.560 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 201551

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.0	58.6
65	14.0	10.7	16.1

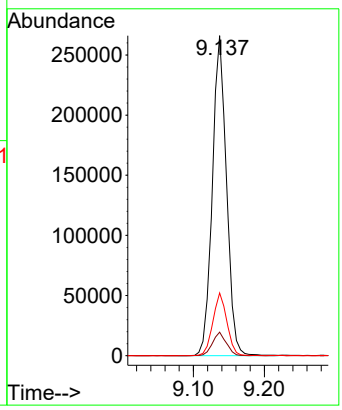




#25
Isophorone
Concen: 9.507 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 82 Resp: 3677

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.6	15.7	23.5



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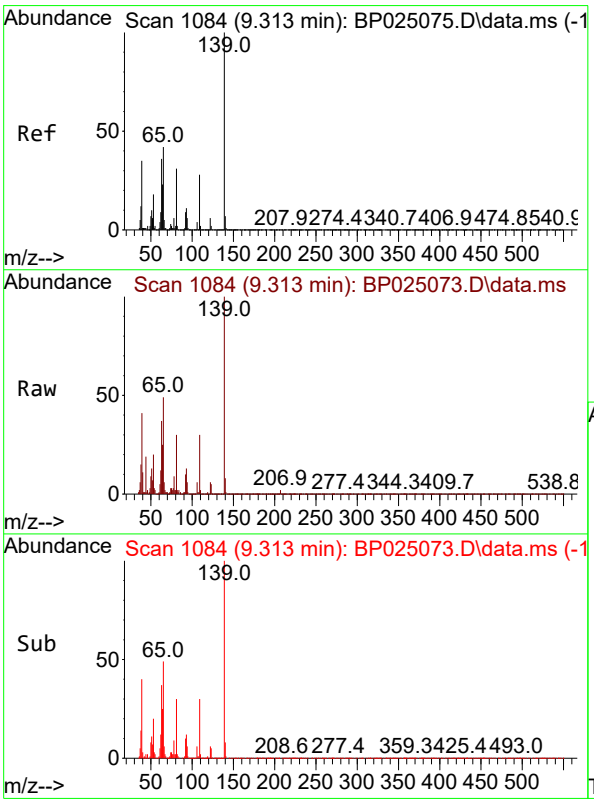
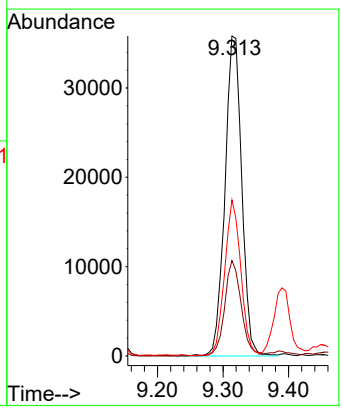
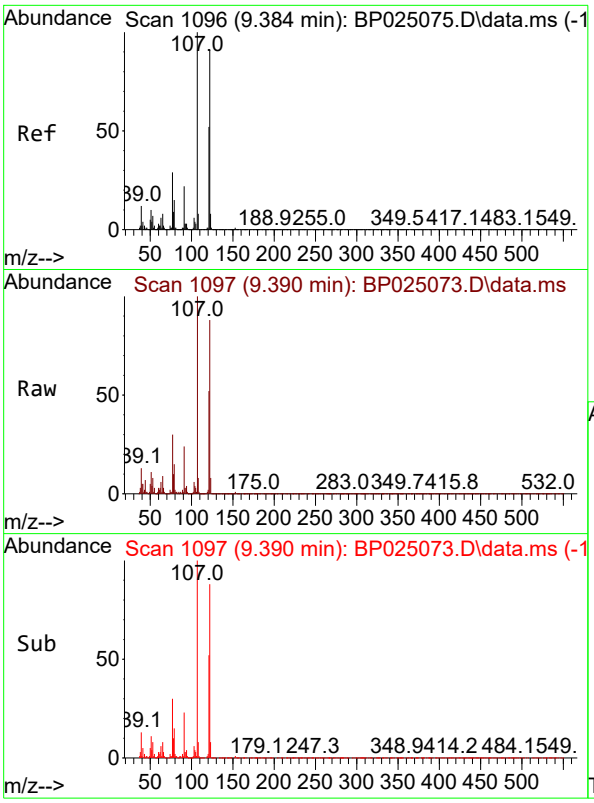


#26
2-Nitrophenol
Concen: 9.106 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.3	33.5
65	48.7	33.8	50.8





#27
2,4-Dimethylphenol
Concen: 9.307 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 13429

Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.2	132.2
121	58.7	46.1	69.1

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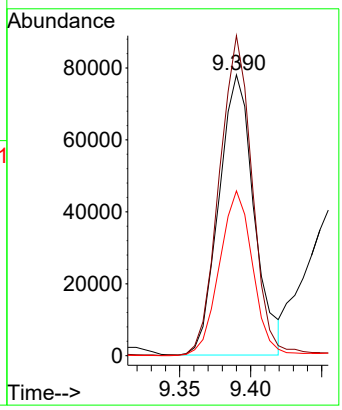
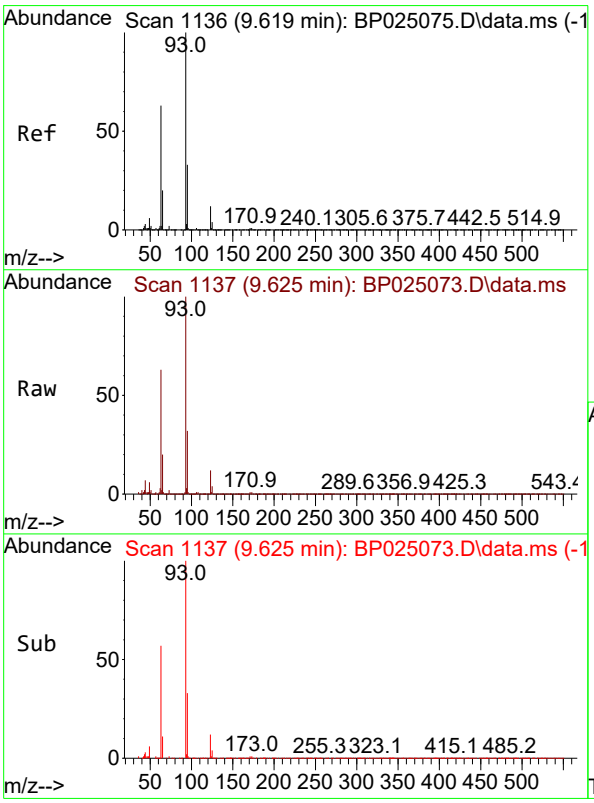
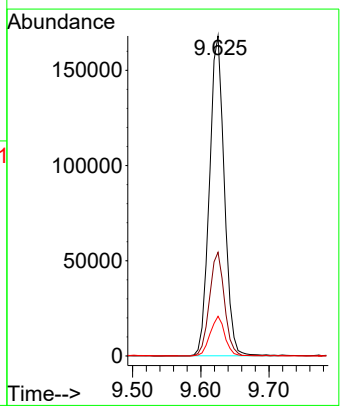


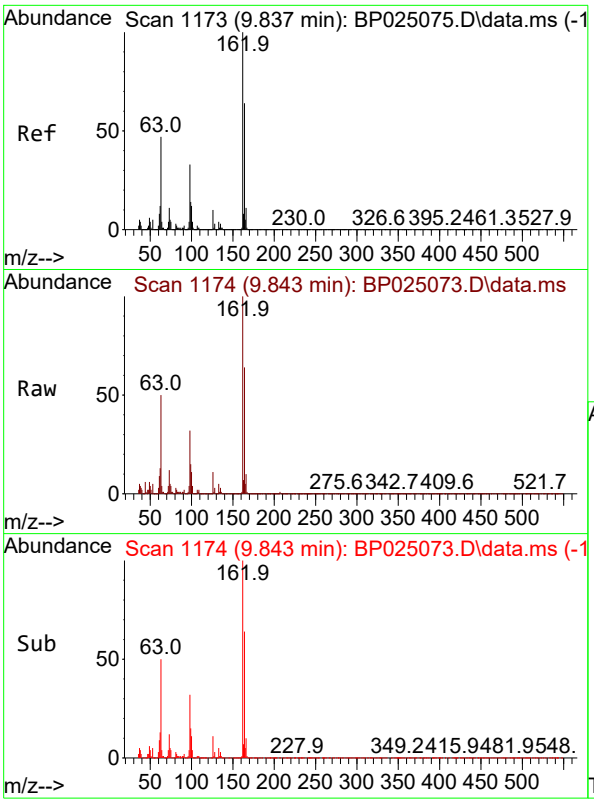


#28
bis(2-Chloroethoxy)methane
Concen: 9.722 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 255336

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 9.059 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:162 Resp: 18126

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	31.9	13.1	53.1

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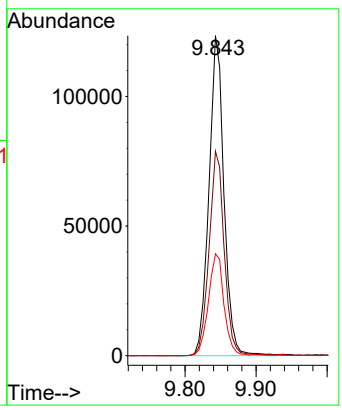
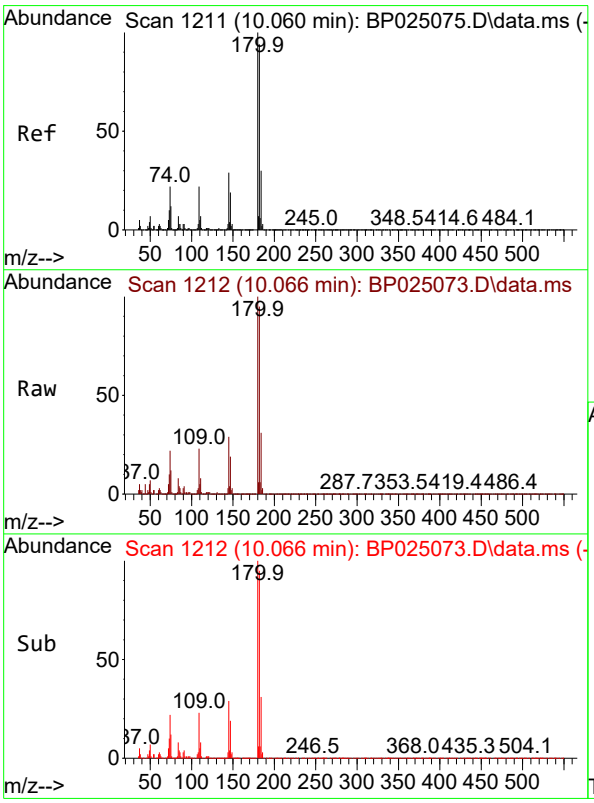
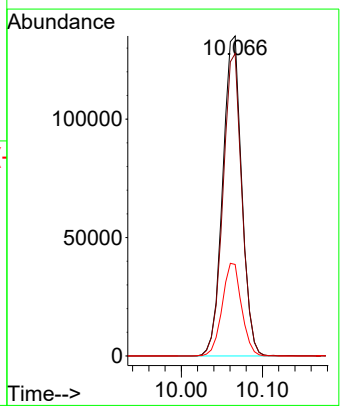


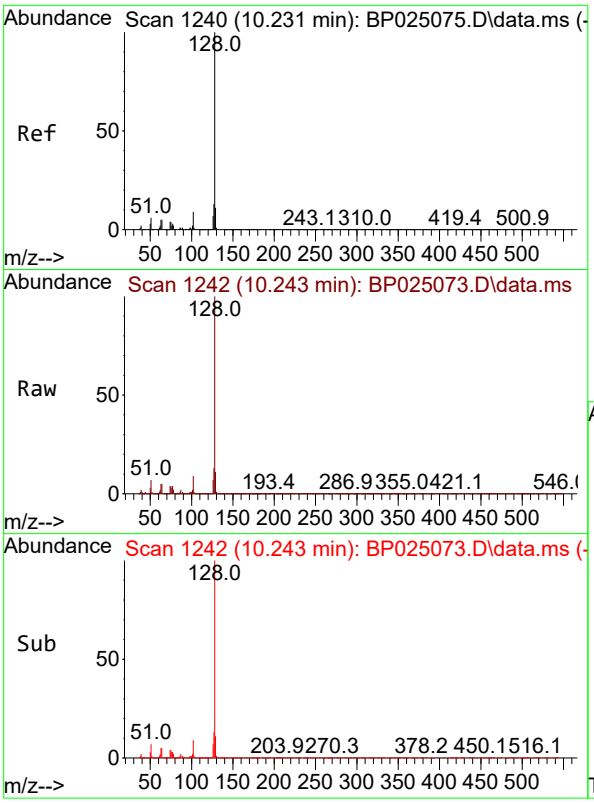


#30
1,2,4-Trichlorobenzene
Concen: 9.913 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:180 Resp: 219650

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	28.6	23.3	34.9

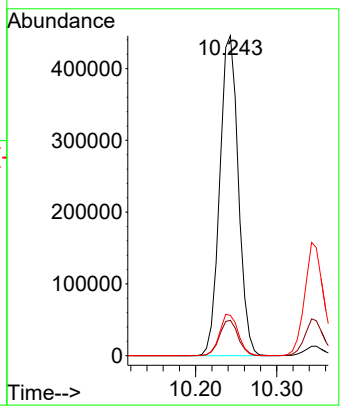




#31
Naphthalene
Concen: 10.005 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 70914

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6



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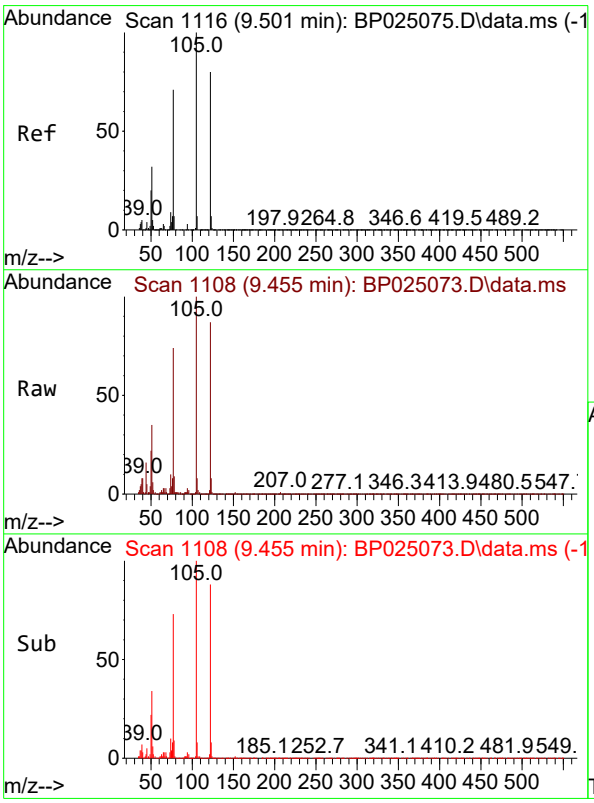
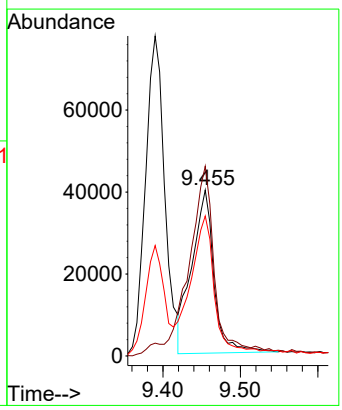
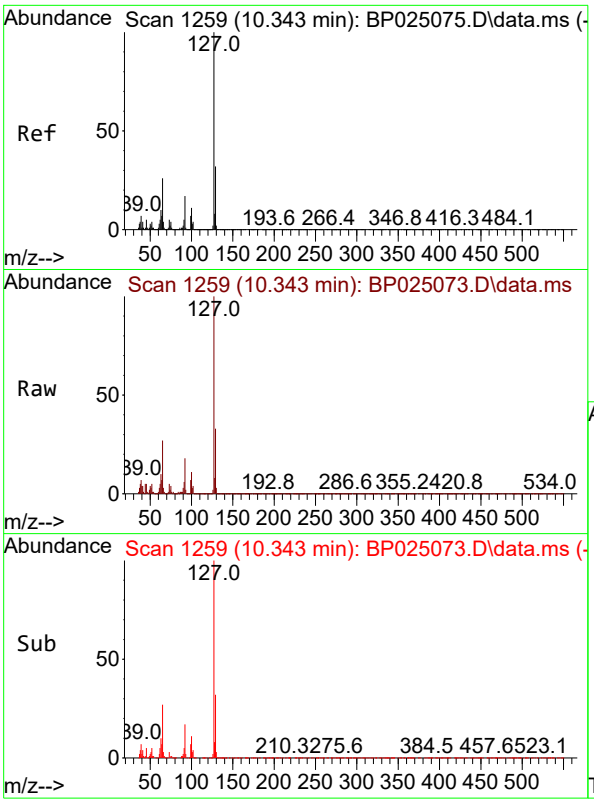


#32
Benzoic acid
Concen: 10.455 ng
RT: 9.455 min Scan# 1108
Delta R.T. -0.046 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:122 Resp: 79225

Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.0	141.0
77	84.3	67.6	107.6

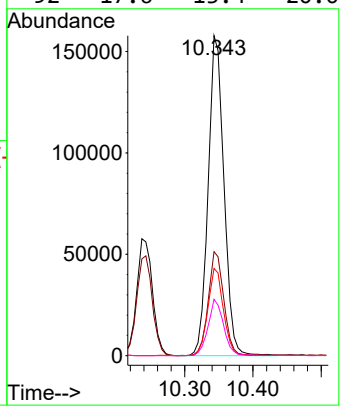




#33
4-Chloroaniline
Concen: 9.621 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:127 Resp: 25448

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	27.3	21.0	31.6
92	17.6	13.4	20.0



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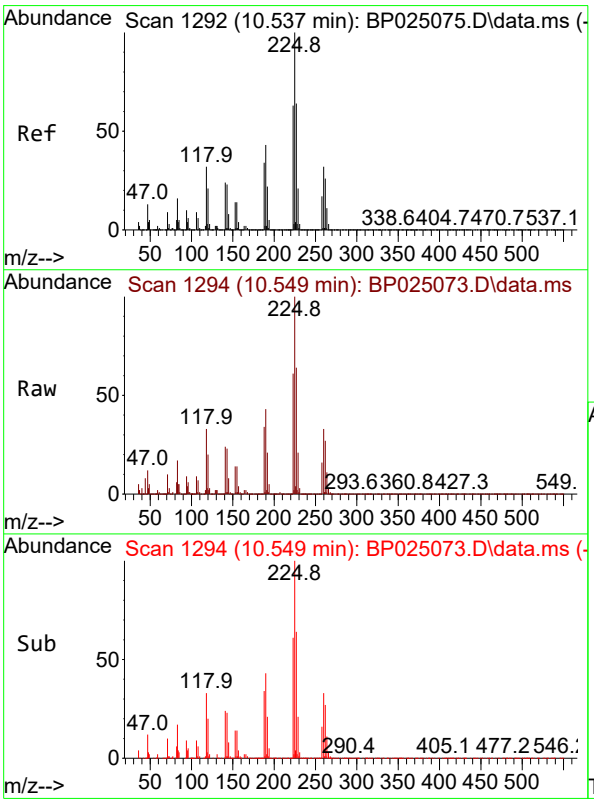
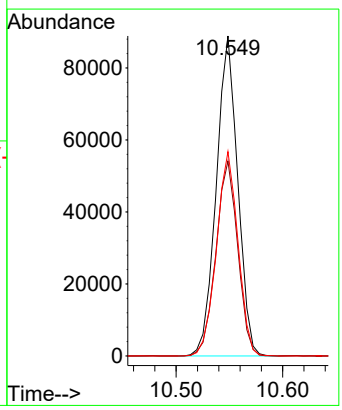
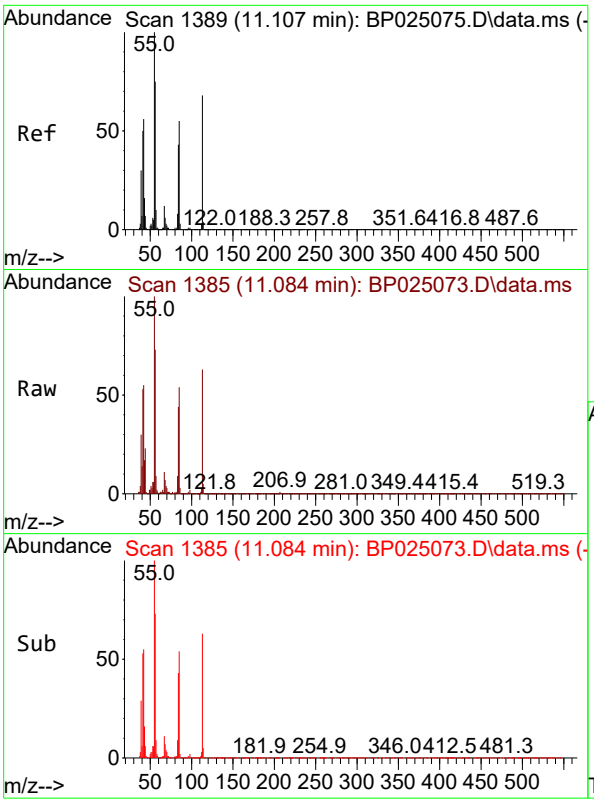


#34
Hexachlorobutadiene
Concen: 9.767 ng
RT: 10.549 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:225 Resp: 124190

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	63.8	51.3	76.9

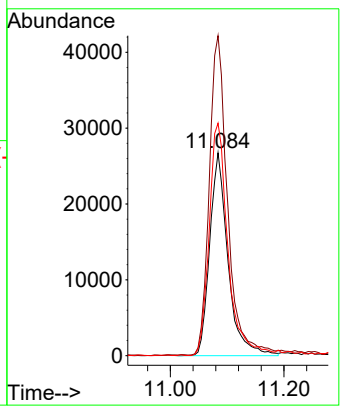




#35
Caprolactam
Concen: 8.700 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:113 Resp: 5954

Ion	Ratio	Lower	Upper
113	100		
55	157.7	128.1	168.1
56	114.6	90.7	130.7



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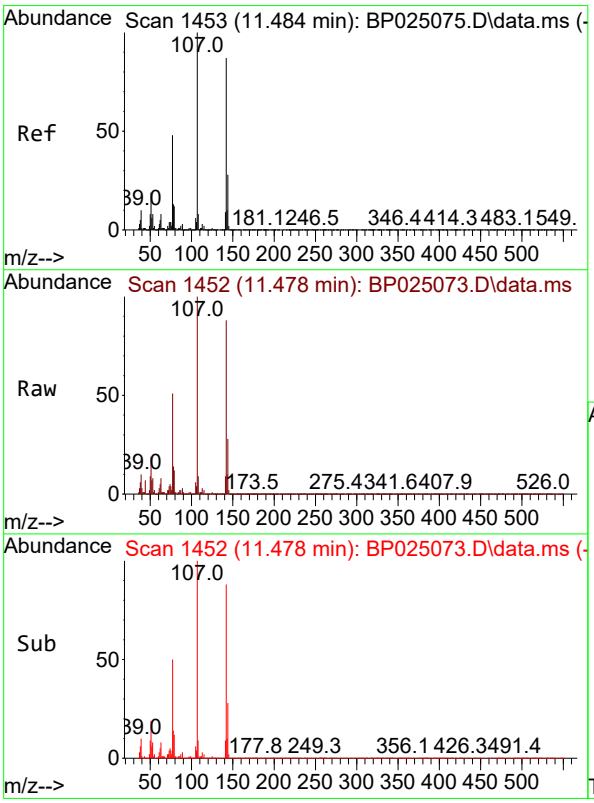
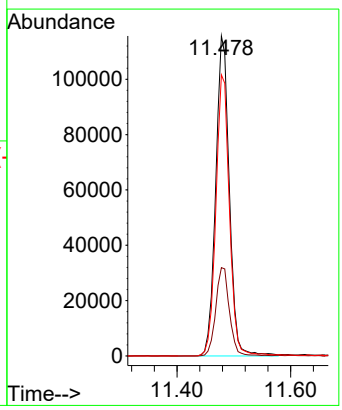
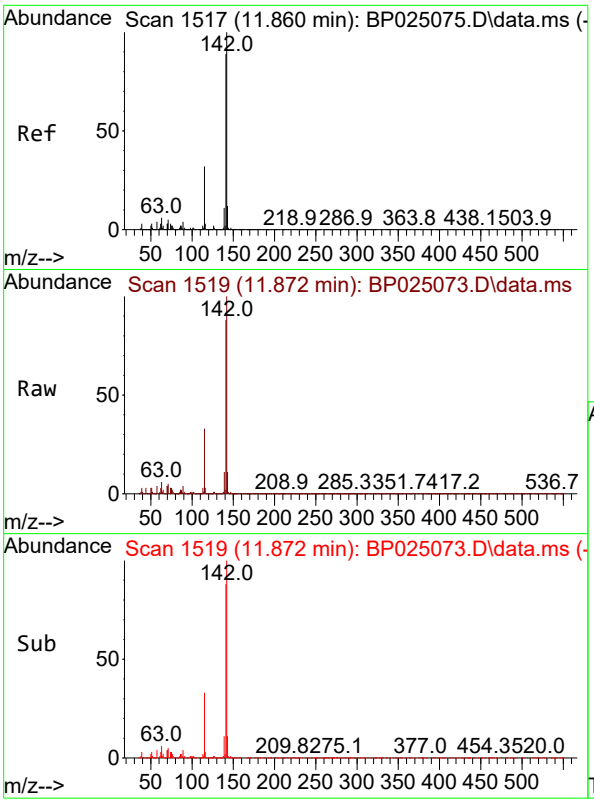


#36
4-Chloro-3-methylphenol
Concen: 9.193 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 192224

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.4	33.6
142	87.9	69.6	104.4

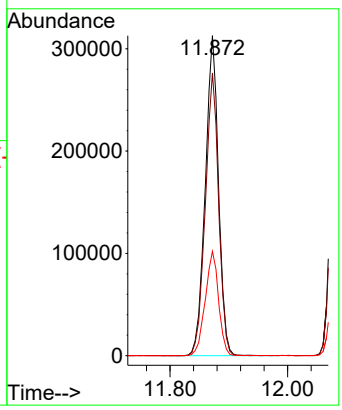




#37
2-Methylnaphthalene
Concen: 9.790 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 48960

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.6	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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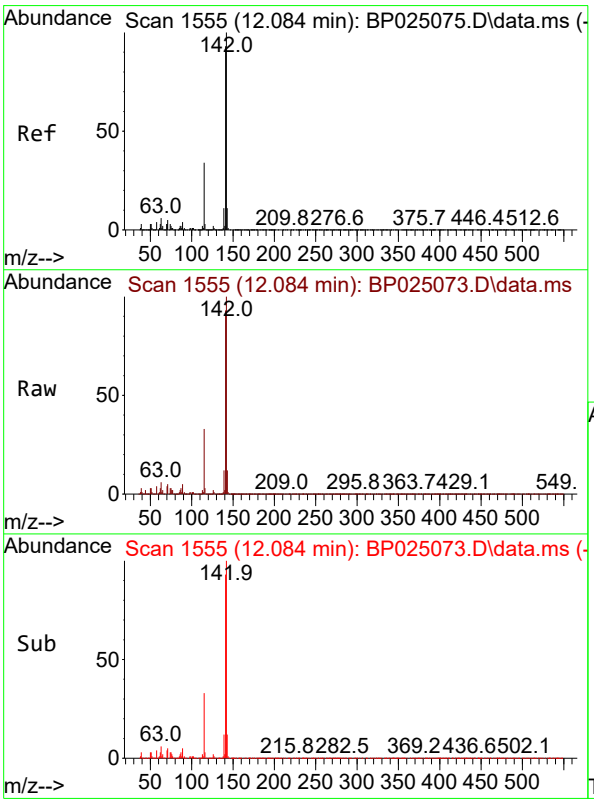
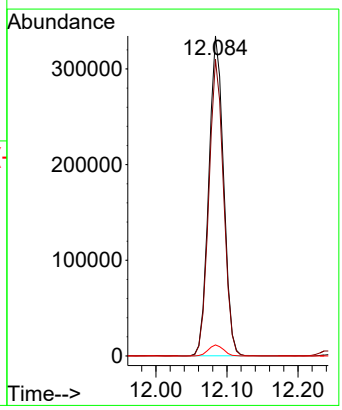
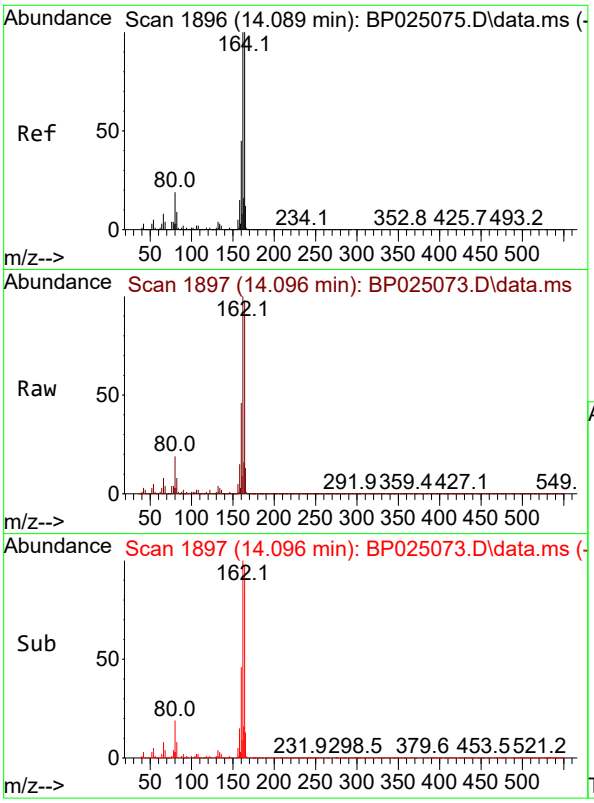


#38
1-Methylnaphthalene
Concen: 9.931 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 484403

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1

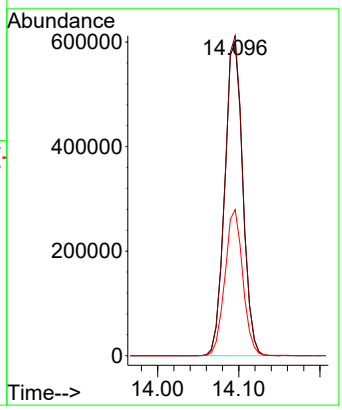




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1
Delta R.T. 0.007 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:164 Resp: 92460

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	46.5	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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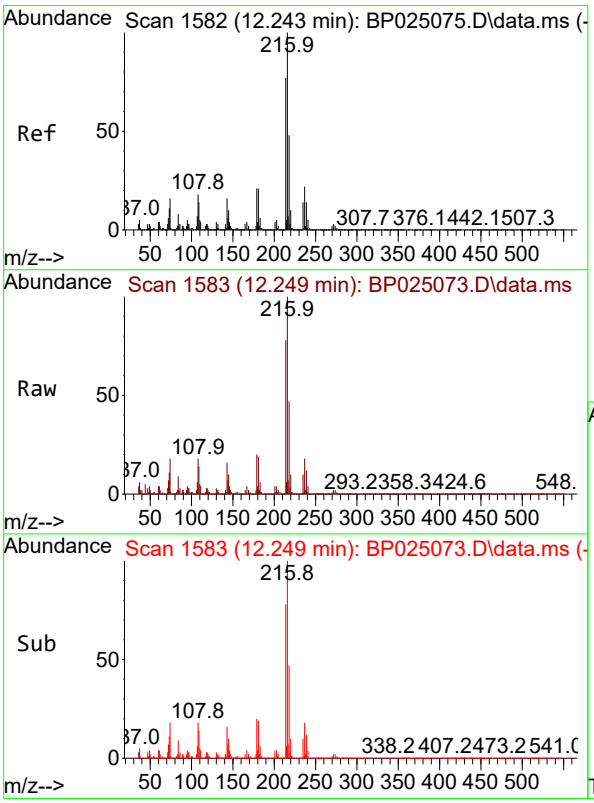
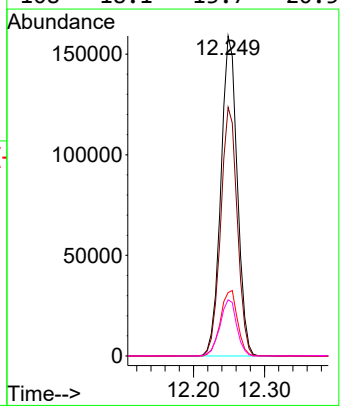
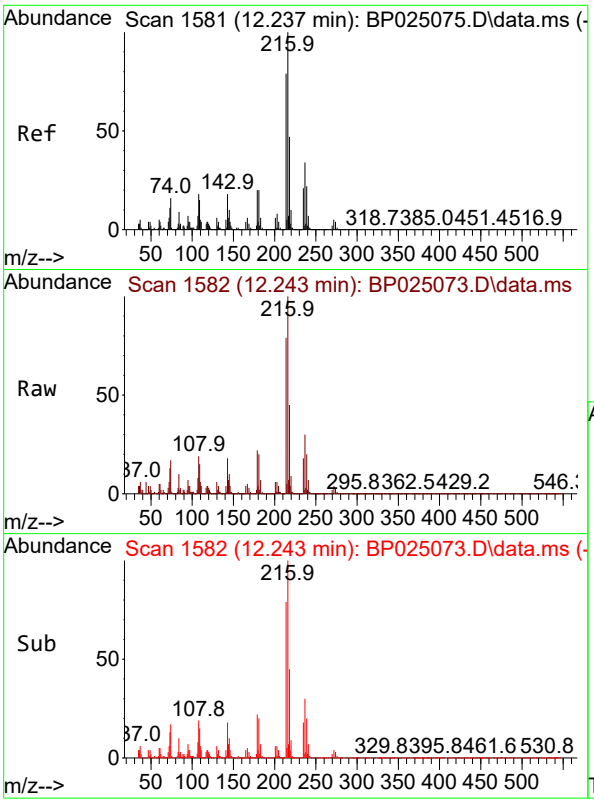


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.554 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:216 Resp: 253871

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.3	16.5	24.7
108	18.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 7.965 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:237 Resp: 5528

Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.6	81.6
272	11.8	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
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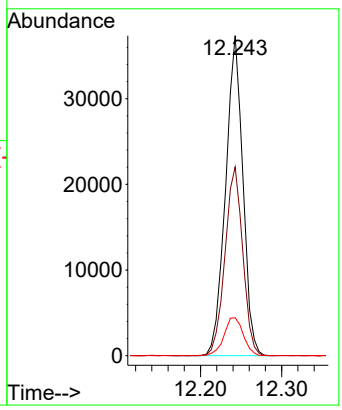
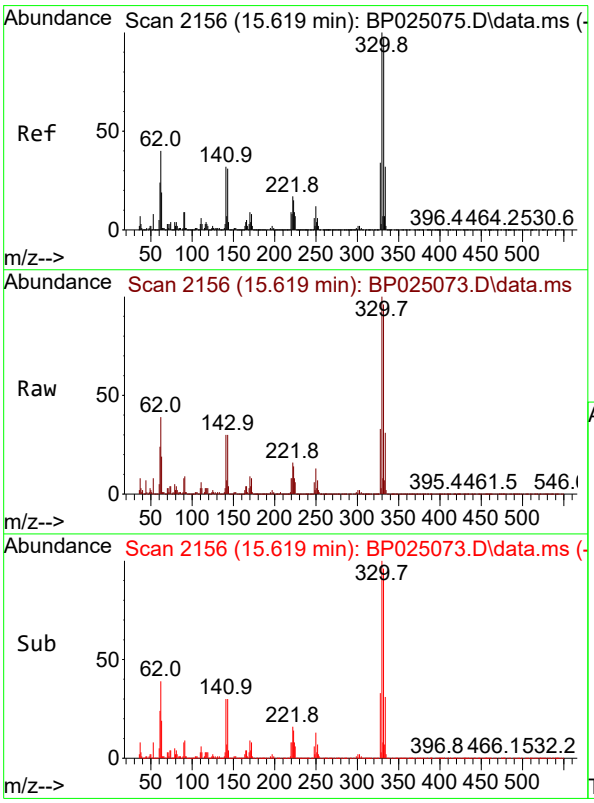
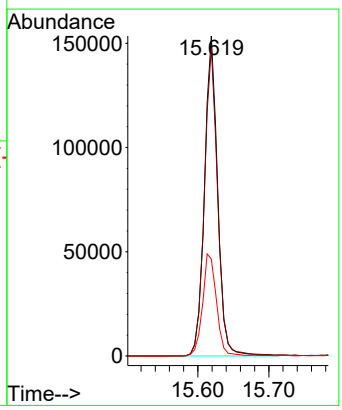


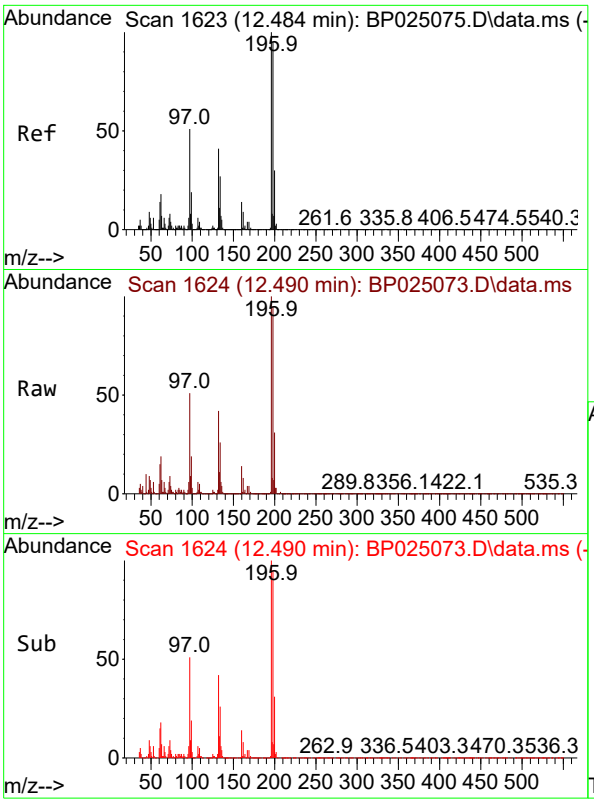


#42
2,4,6-Tribromophenol
Concen: 18.149 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:330 Resp: 198235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	33.5	26.0	39.0





#43
2,4,6-Trichlorophenol
Concen: 8.469 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 13626

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.9	24.3	36.5

Instrument :
BNA_P
ClientSampleId :
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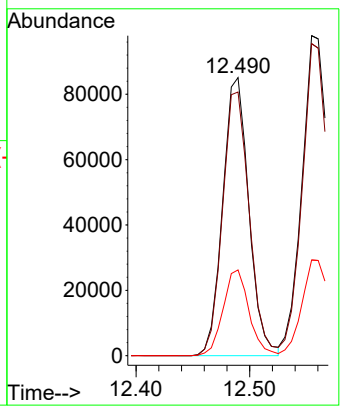
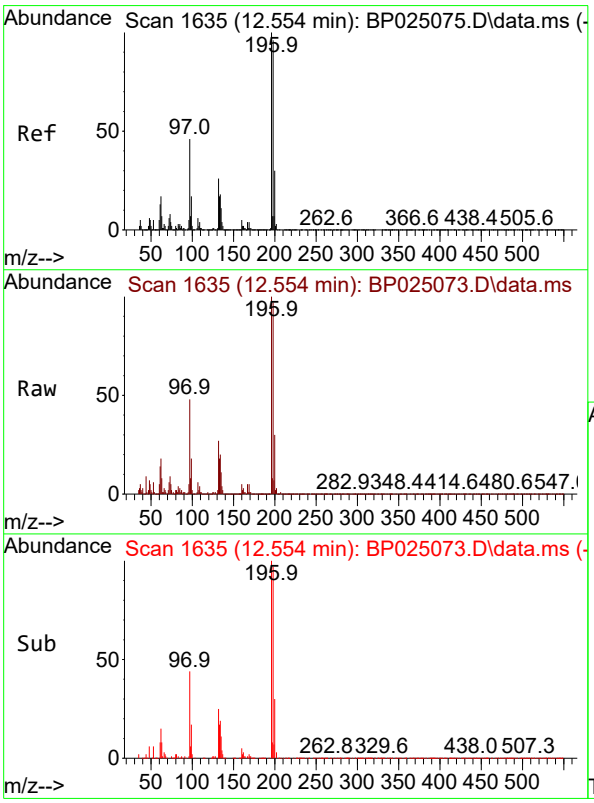
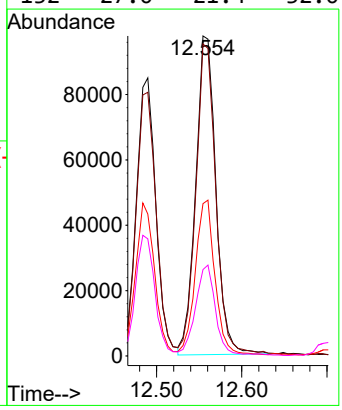


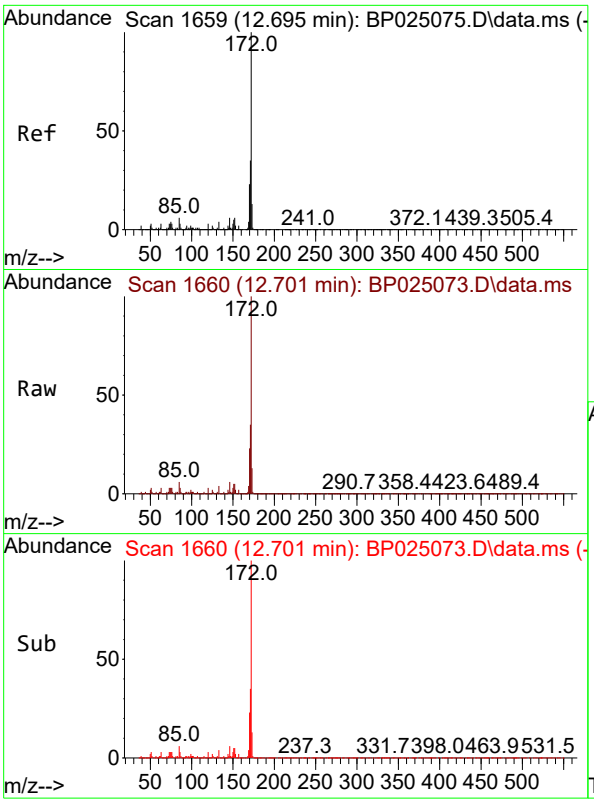


#44
2,4,5-Trichlorophenol
Concen: 8.840 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 161200

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.6	36.6	55.0
132	27.0	21.4	32.0

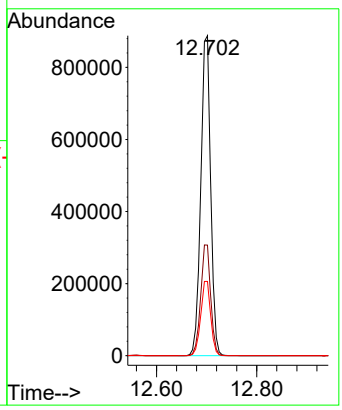




#45
2-Fluorobiphenyl
Concen: 20.297 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:172 Resp: 121143

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.2	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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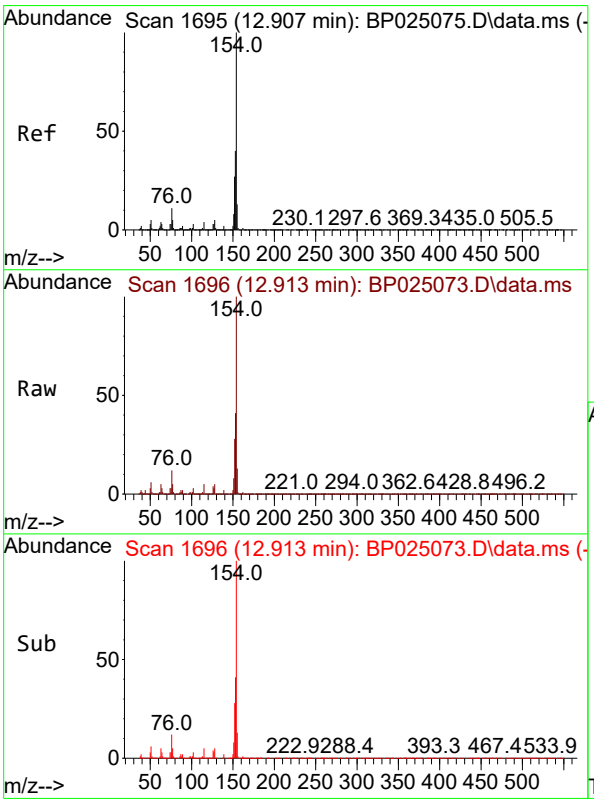
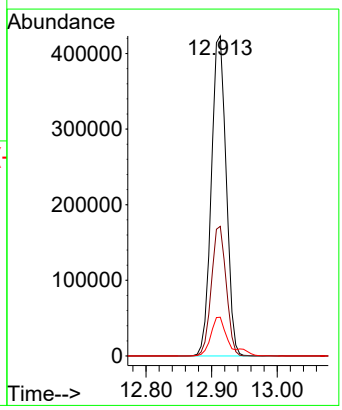
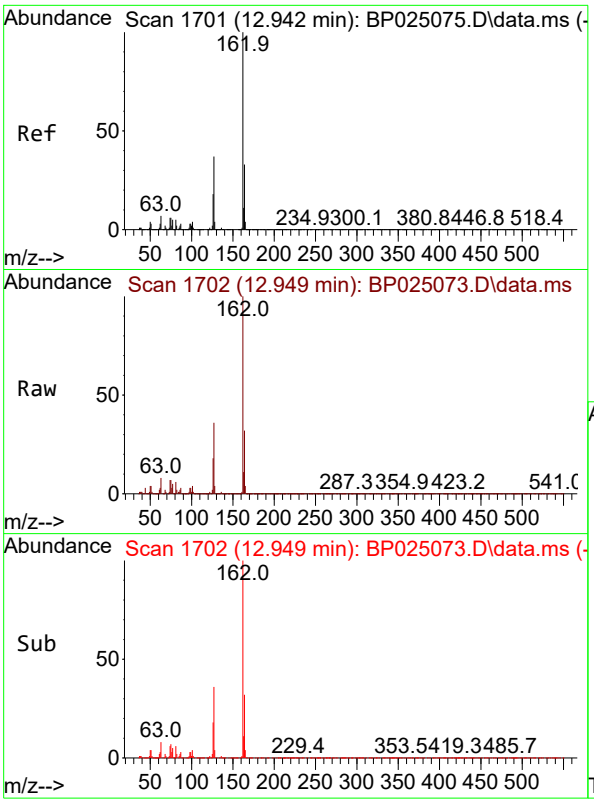


#46
1,1'-Biphenyl
Concen: 9.869 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 663919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.1	0.0	31.5

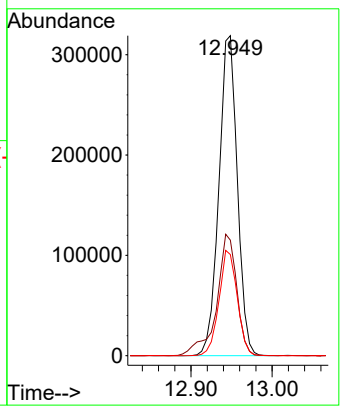




#47
2-Chloronaphthalene
Concen: 9.959 ng
RT: 12.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:162 Resp: 50358

Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.4	44.2
164	31.6	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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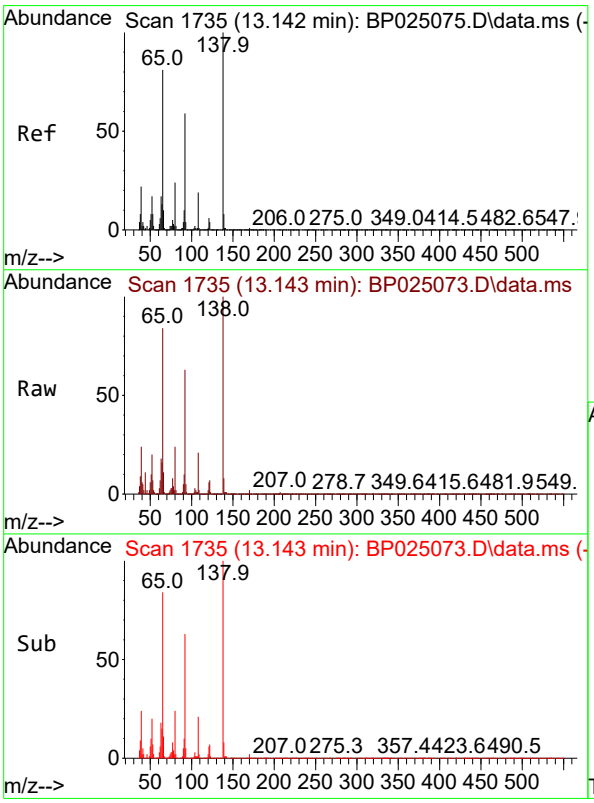
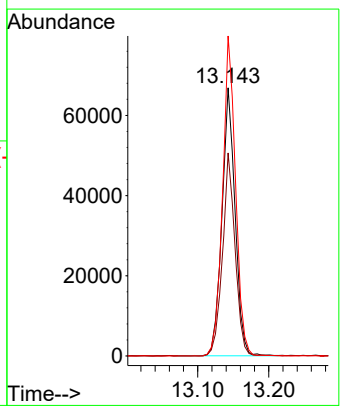
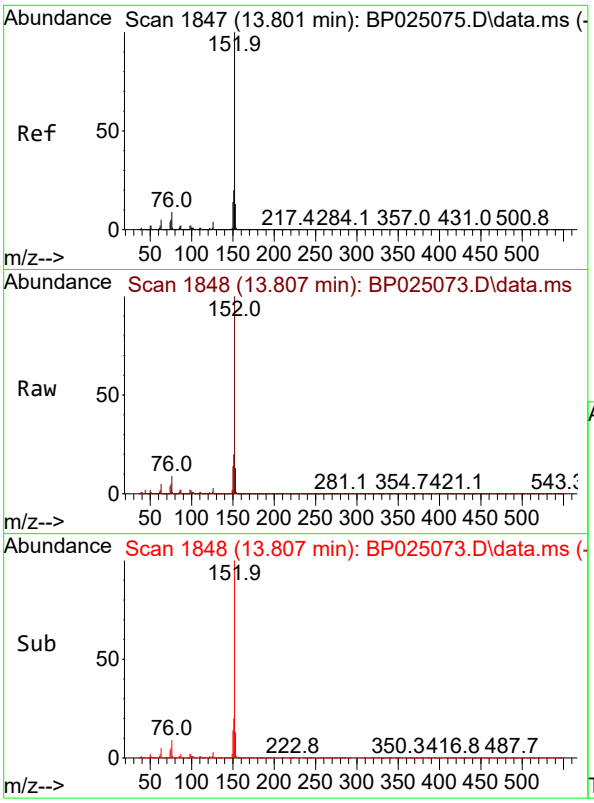


#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.7	88.1
138	119.3	99.0	148.4

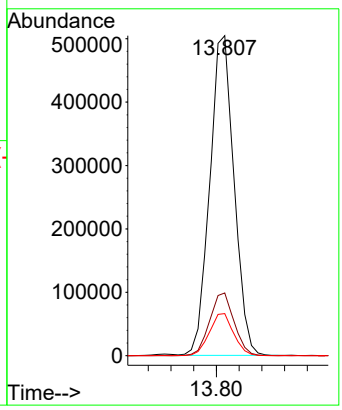




#49
Acenaphthylene
Concen: 9.692 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:152 Resp: 75002

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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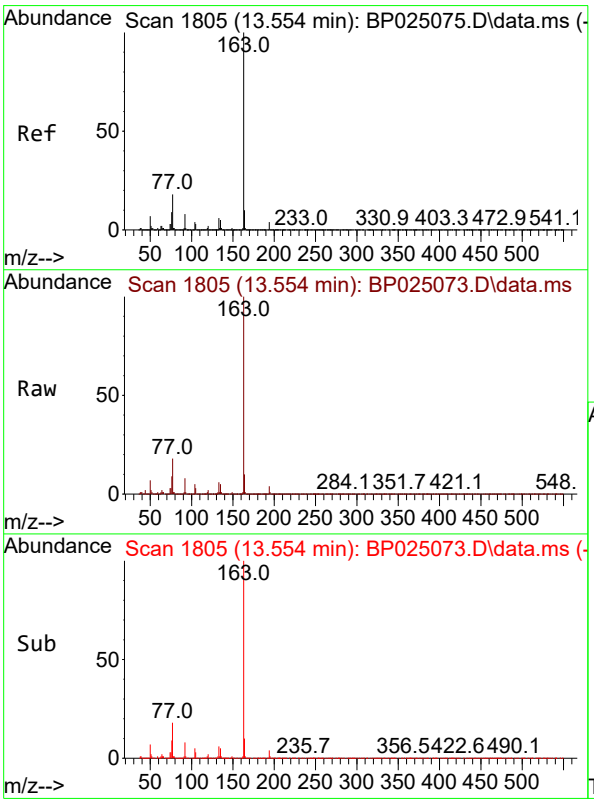
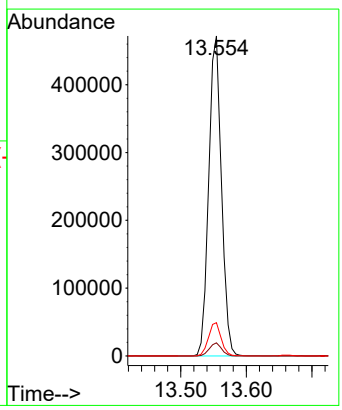
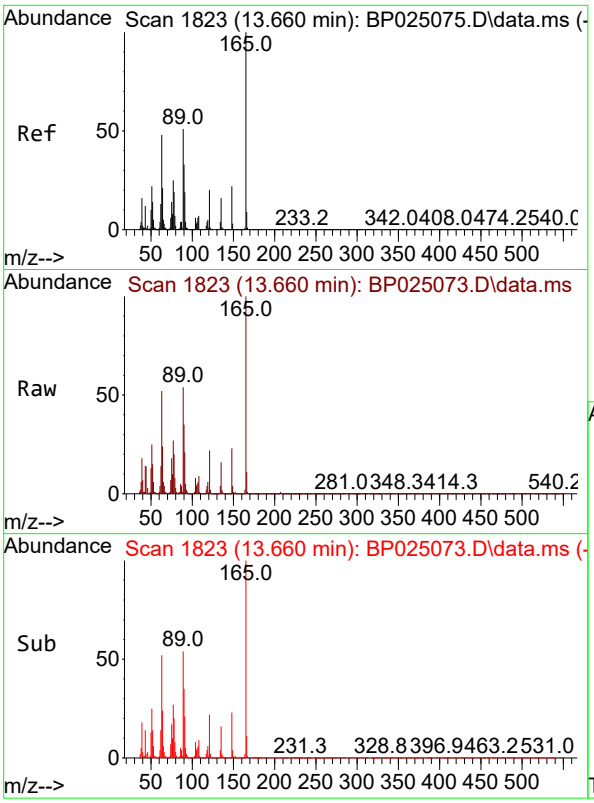


#50
Dimethylphthalate
Concen: 9.828 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:163 Resp: 636102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:165 Resp: 11017

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.5	57.7
89	53.7	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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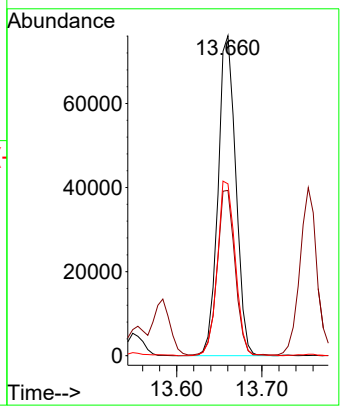
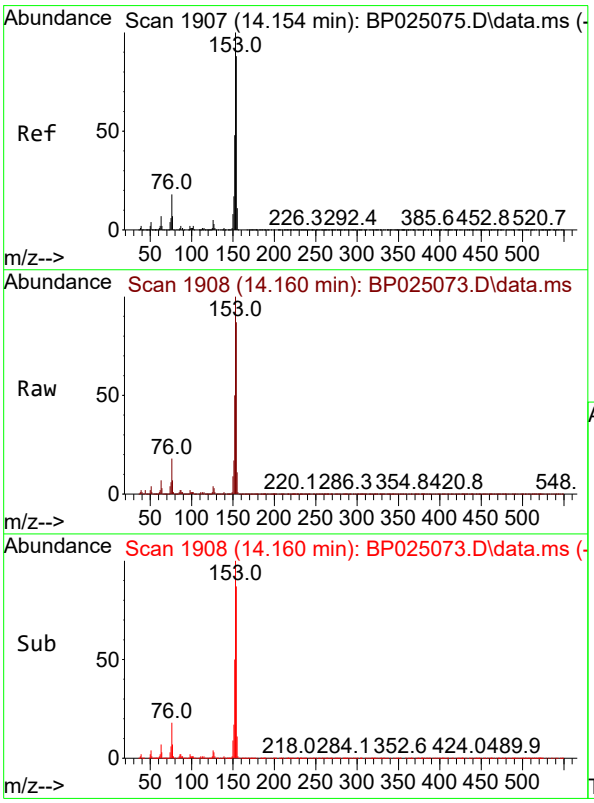
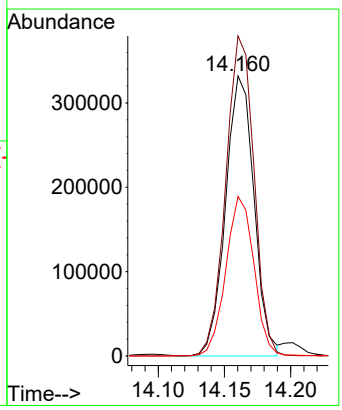


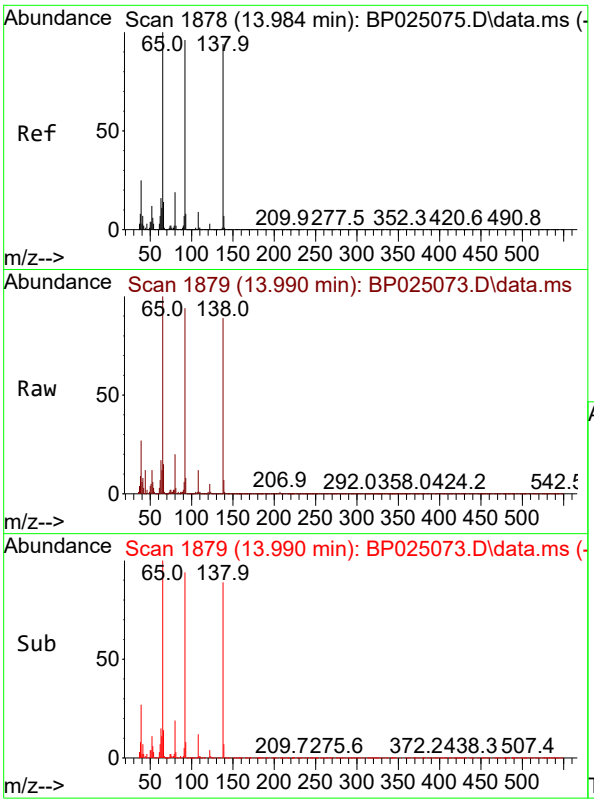


#52
Acenaphthene
Concen: 9.953 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 496424

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.6	136.0
152	57.0	43.8	65.8





#53
3-Nitroaniline
Concen: 8.481 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 11472

Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.8
92	105.5	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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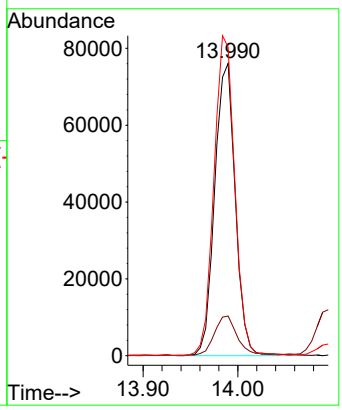
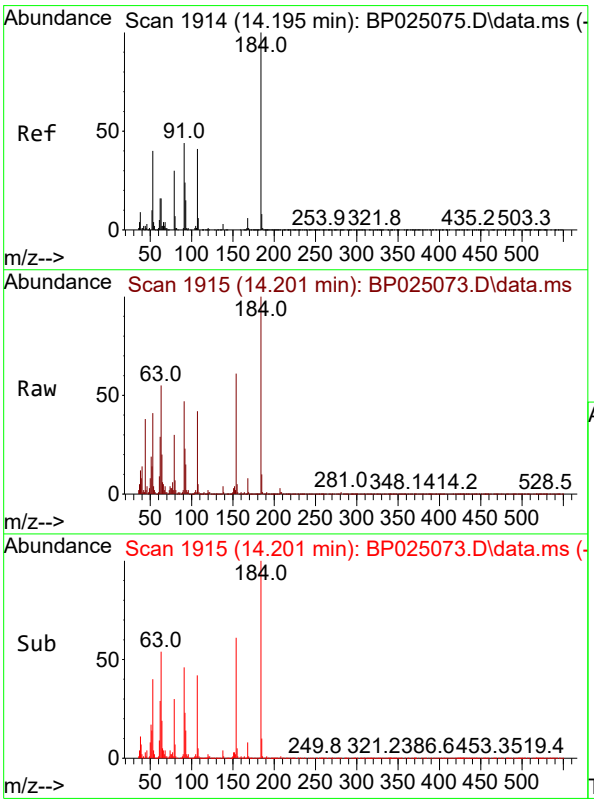
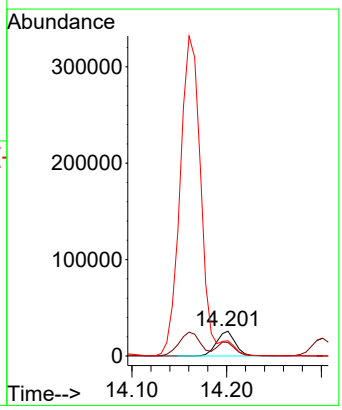


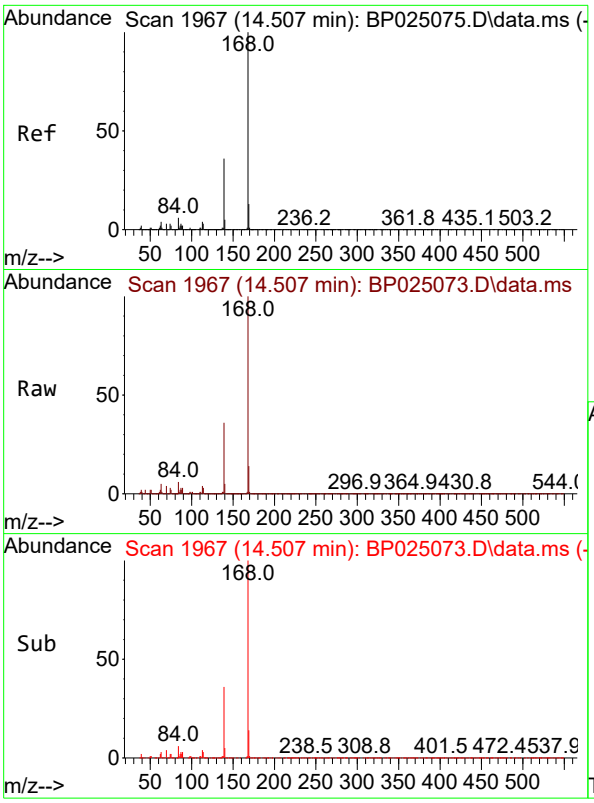


#54
2,4-Dinitrophenol
Concen: 10.737 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 35399

Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.4	71.0
154	61.2	47.8	71.8

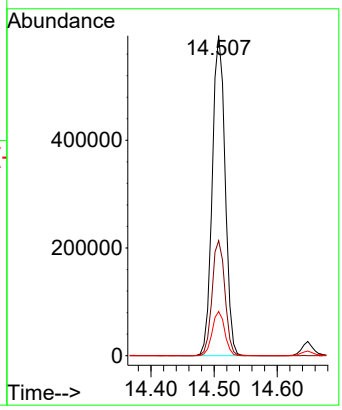




#55
Dibenzofuran
Concen: 10.186 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:168 Resp: 83846

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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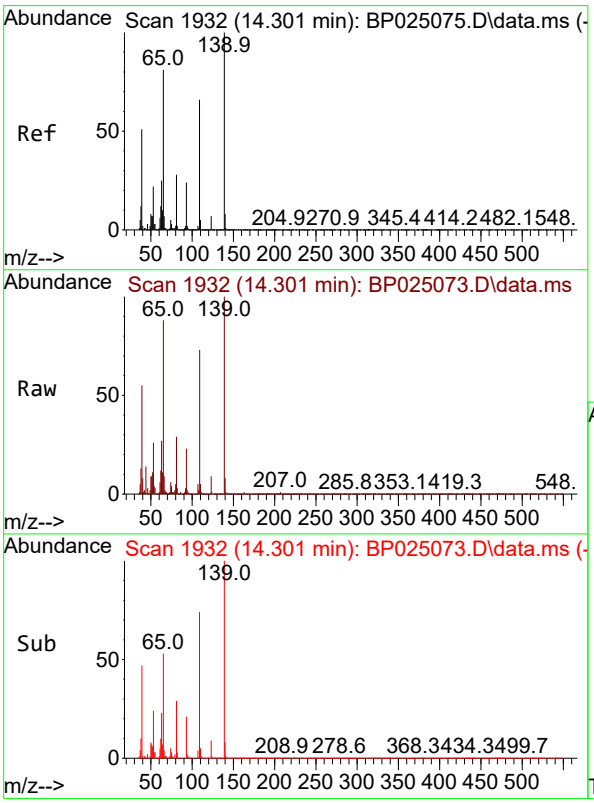
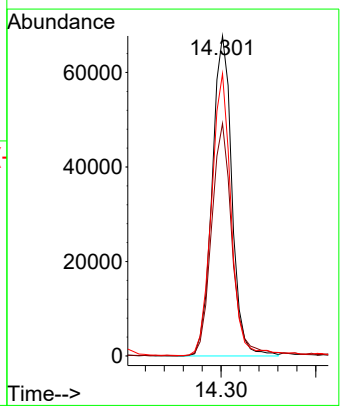
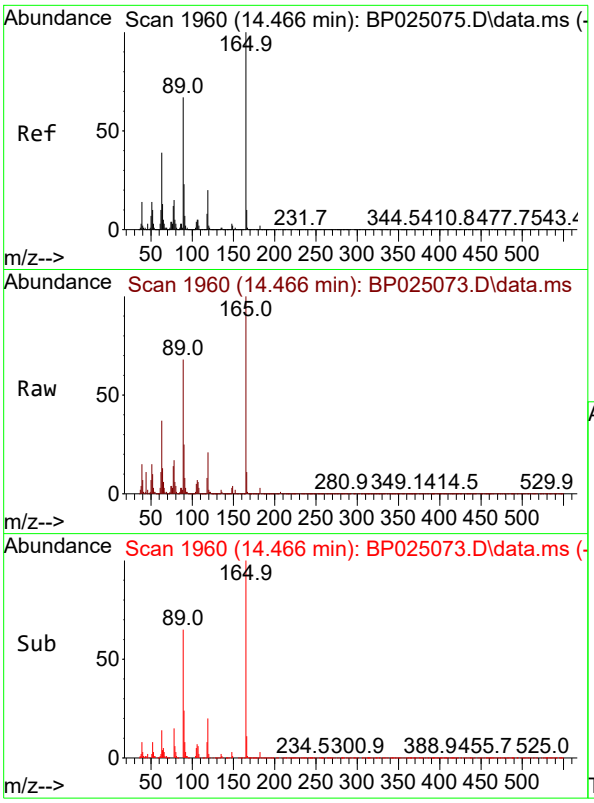


#56
4-Nitrophenol
Concen: 7.853 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 98038

Ion	Ratio	Lower	Upper
139	100		
109	72.6	45.9	85.9
65	88.2	61.4	101.4

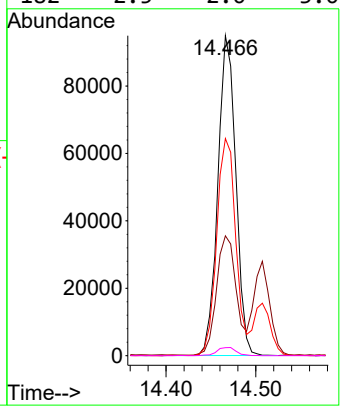




#57
2,4-Dinitrotoluene
Concen: 9.365 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:165 Resp: 13188

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.0	46.4
89	67.9	53.4	80.0
182	2.5	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
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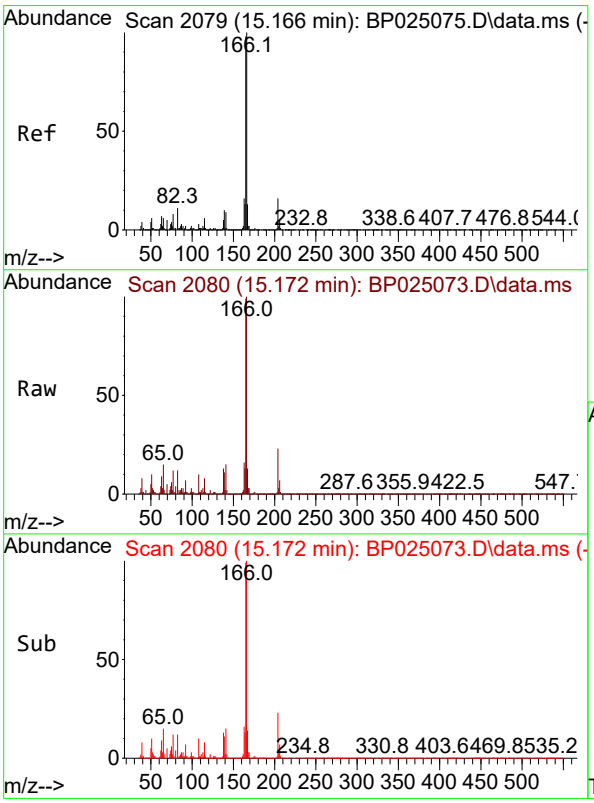
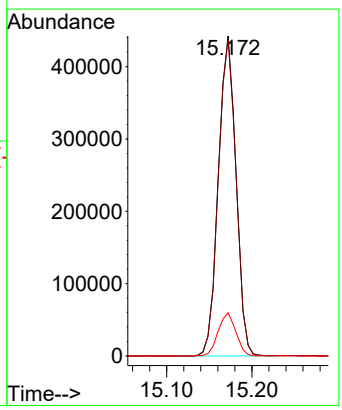
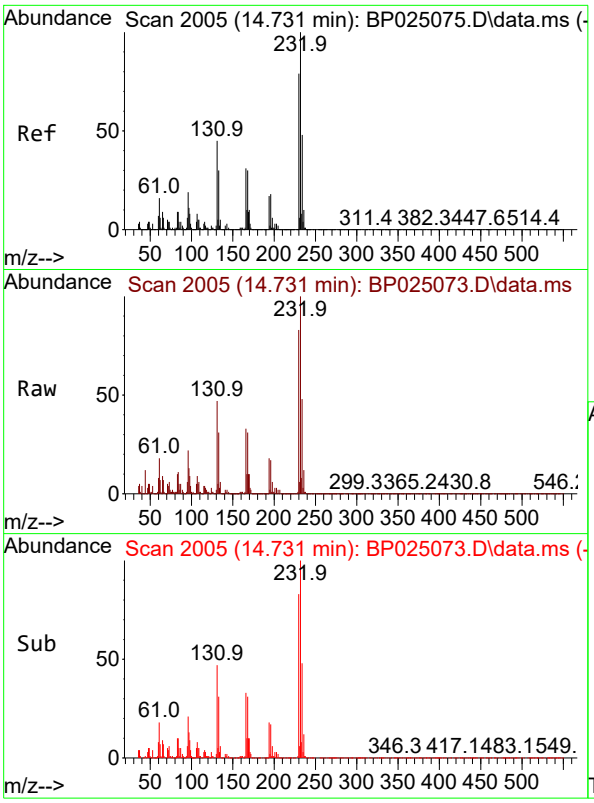


#58
Fluorene
Concen: 10.047 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:166 Resp: 639683

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.7	16.1

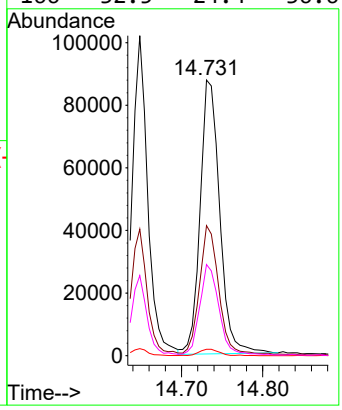




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.890 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:232 Resp: 14680

Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	2.5	1.8	2.6
166	32.5	24.4	36.6



Instrument :
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ClientSampleId :
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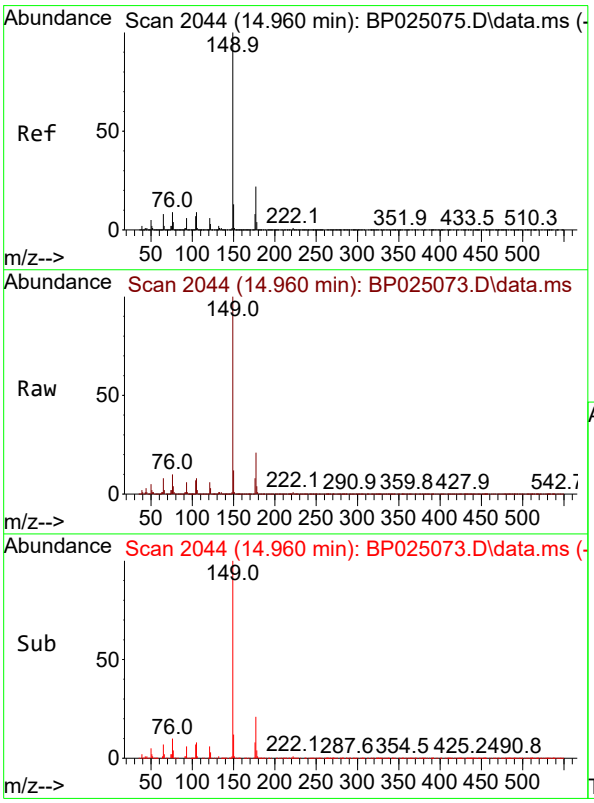
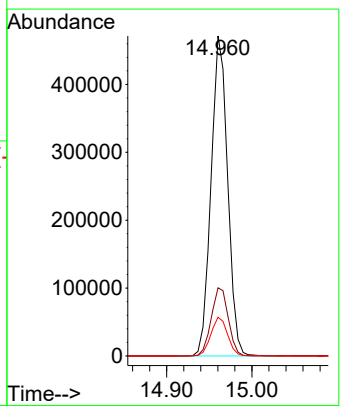
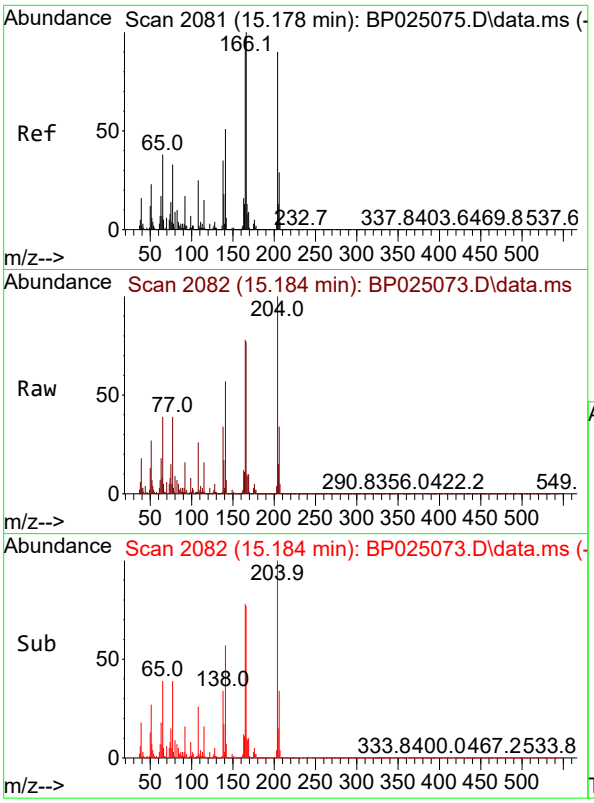


#60
Diethylphthalate
Concen: 9.788 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 636288

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.8
150	12.1	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.084 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:204 Resp: 31773

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	57.4	45.1	67.7

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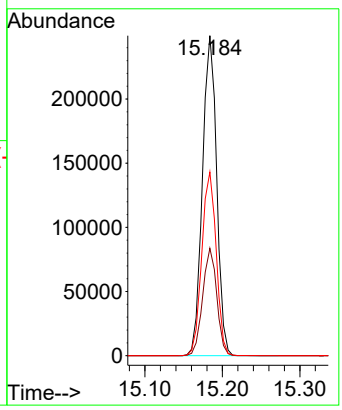
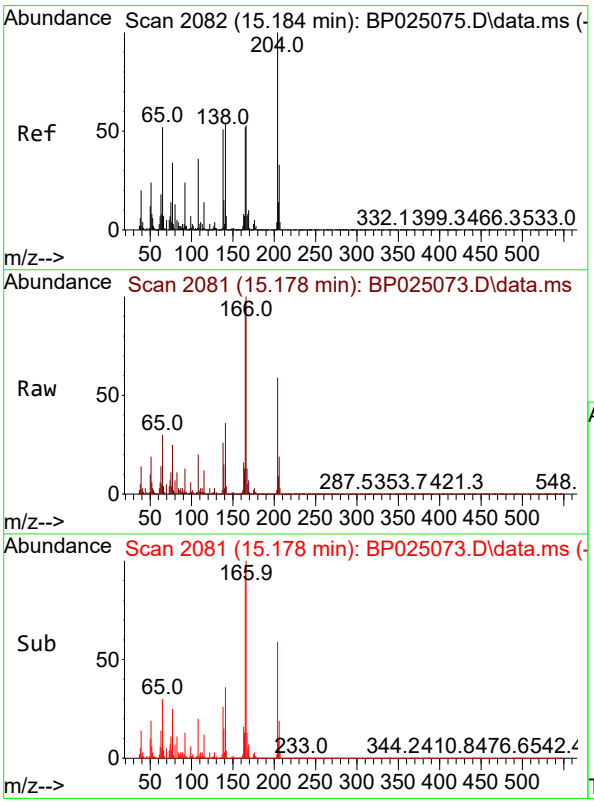
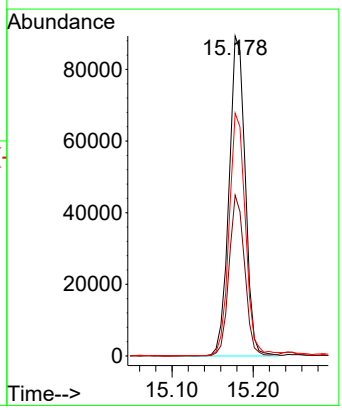


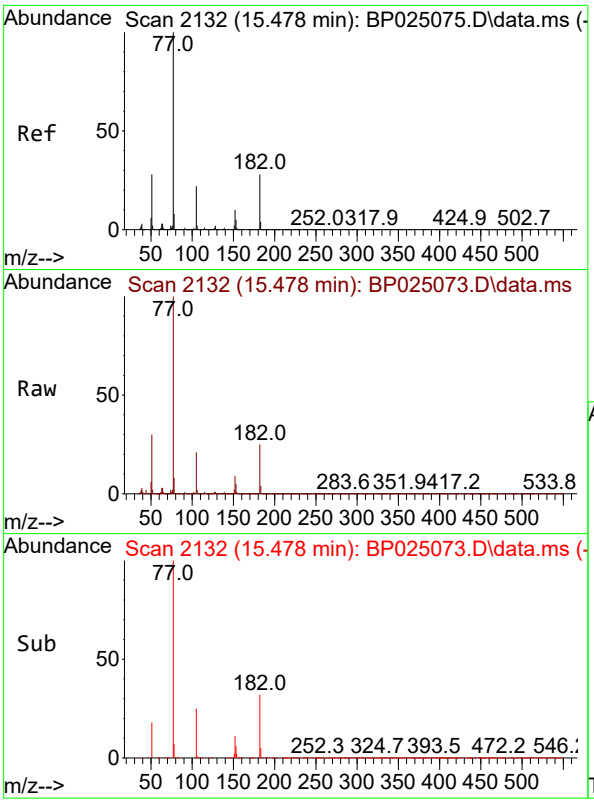


#62
4-Nitroaniline
Concen: 8.706 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 123493

Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.0	66.0
108	75.9	50.0	90.0

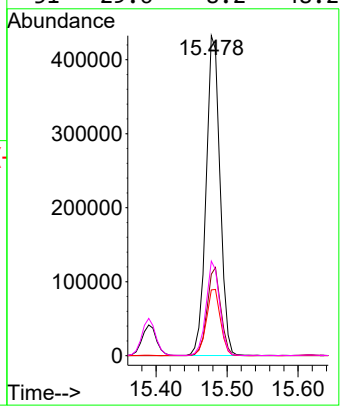




#63
Azobenzene
Concen: 10.181 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 58936

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	20.6	1.9	41.9
51	29.6	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
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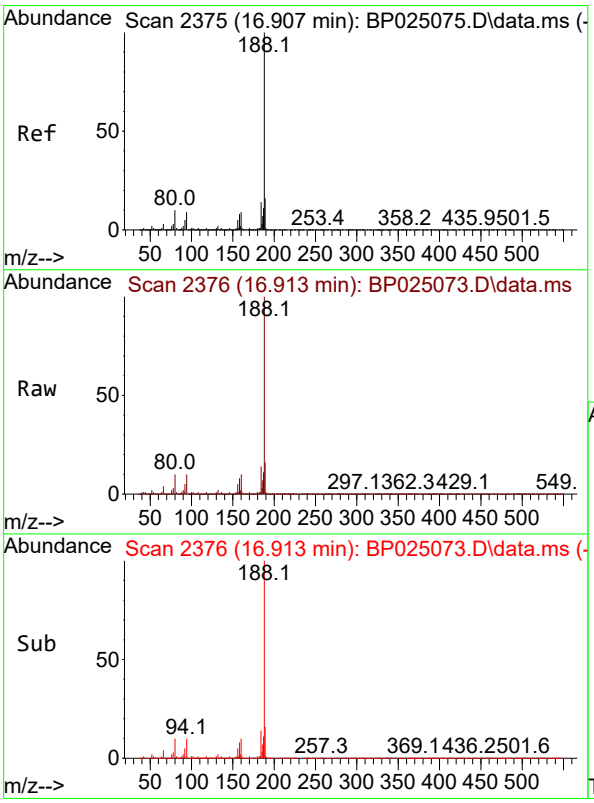
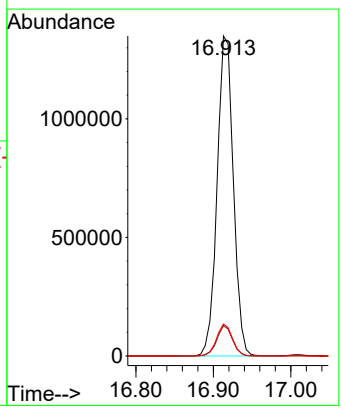
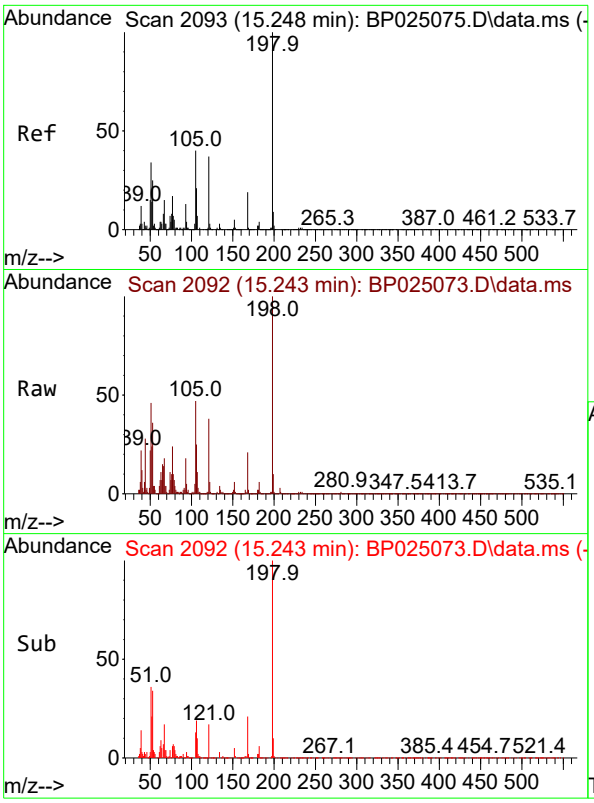


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:188 Resp: 1970410

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.0	7.8	11.6

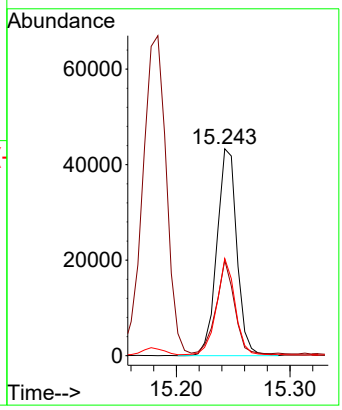




#65
4,6-Dinitro-2-methylphenol
Concen: 10.800 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:198 Resp: 5297

Ion	Ratio	Lower	Upper
198	100		
51	46.1	16.8	56.8
105	46.9	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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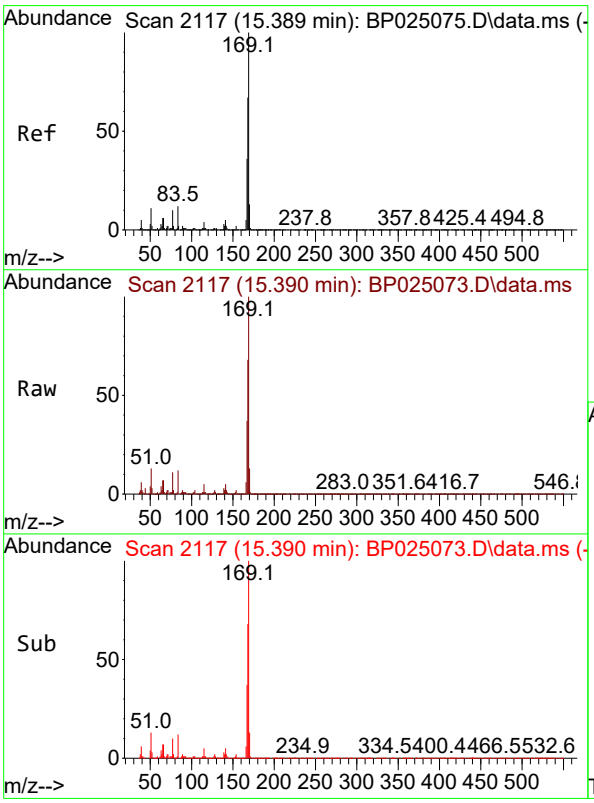
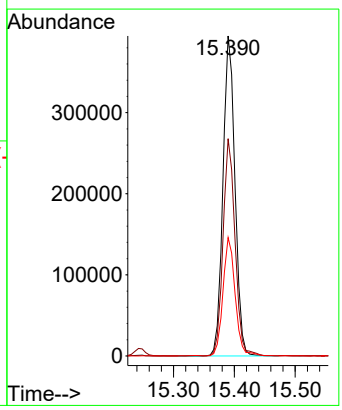
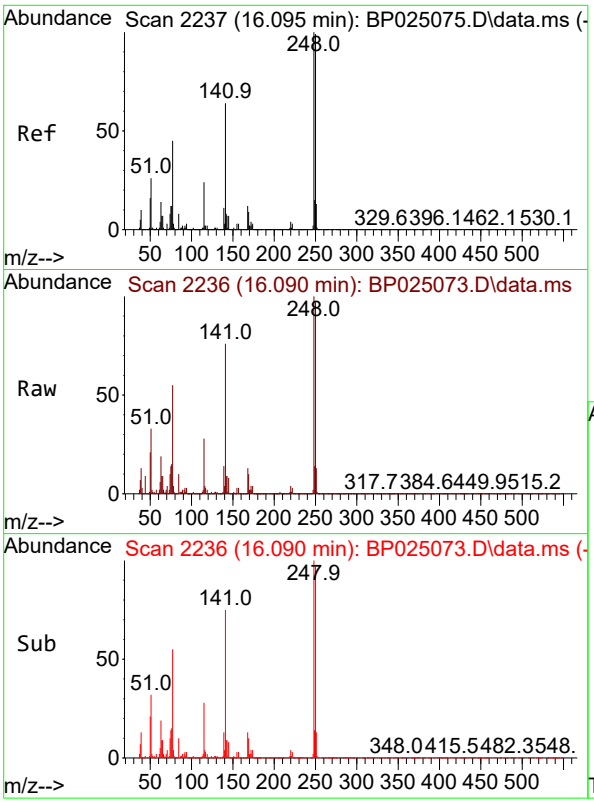


#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:169 Resp: 539820

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.0	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:248 Resp: 18673

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.5	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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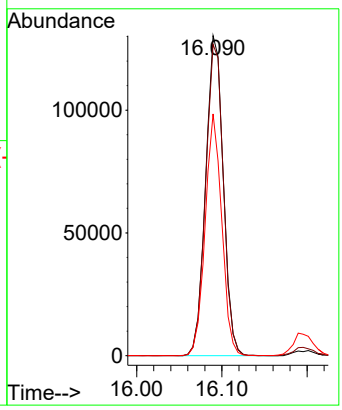
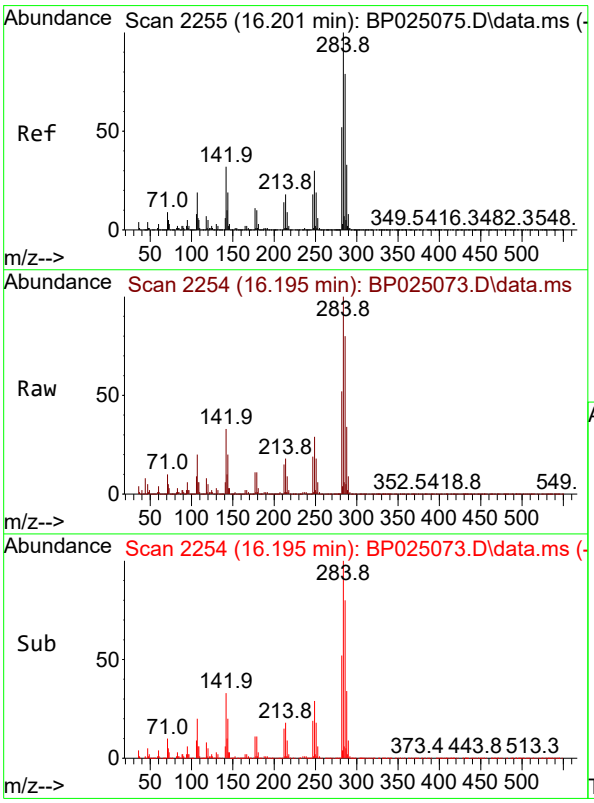
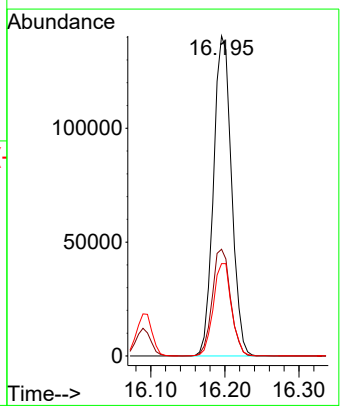


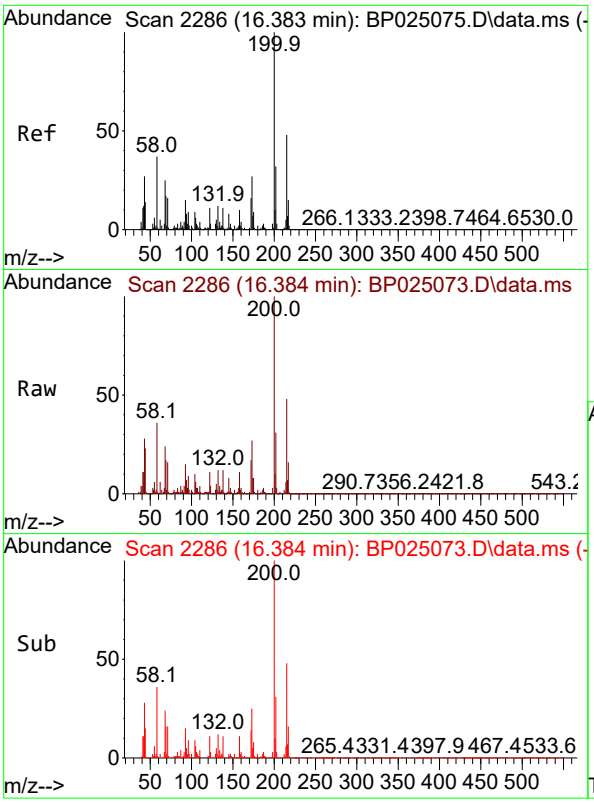


#68
Hexachlorobenzene
Concen: 9.604 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:284 Resp: 236838

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	28.9	23.8	35.8

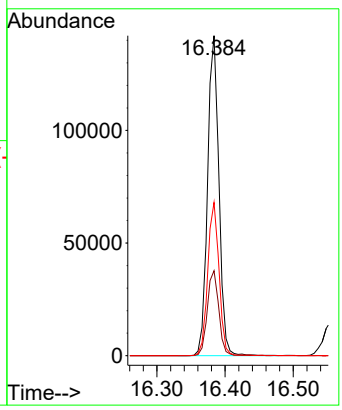




#69
Atrazine
Concen: 9.954 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:200 Resp: 16447

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.9	28.0	68.0



Instrument :
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ClientSampleId :
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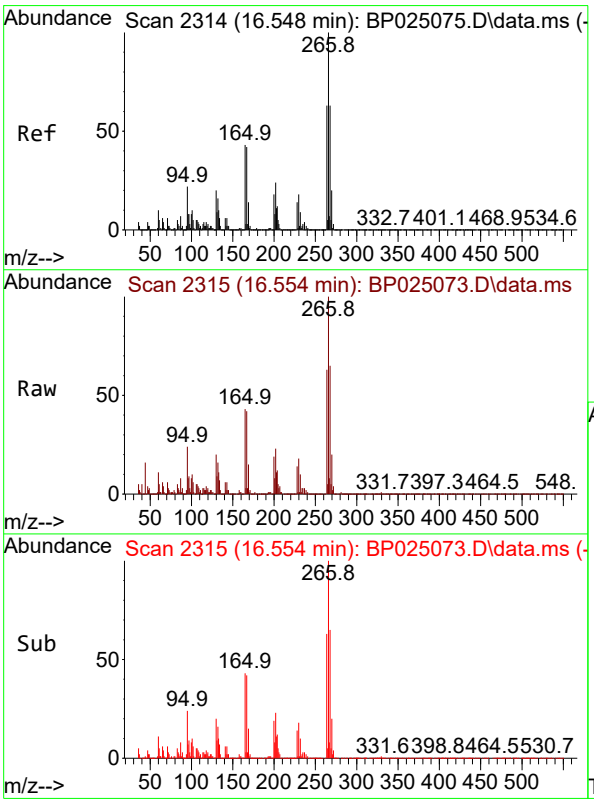
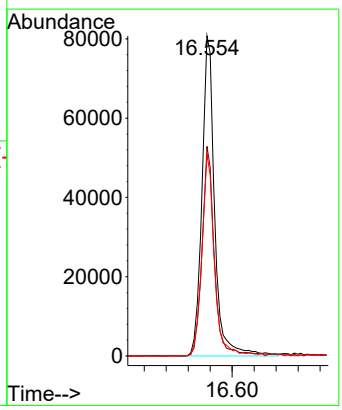
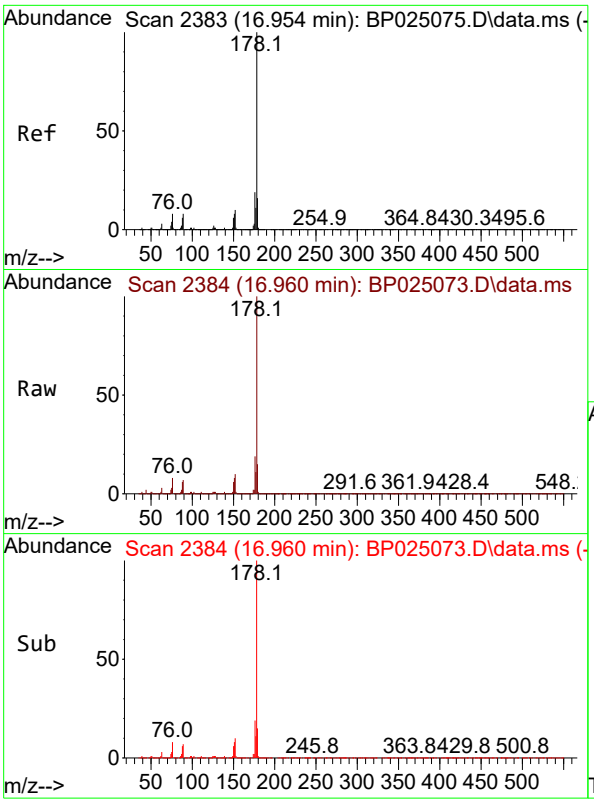


#70
Pentachlorophenol
Concen: 7.774 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:266 Resp: 129459

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.4	75.6
264	63.0	50.2	75.2

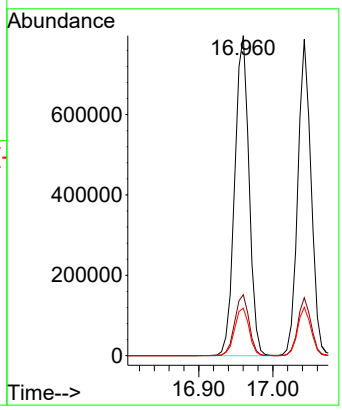




#71
Phenanthrene
Concen: 10.146 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 106822

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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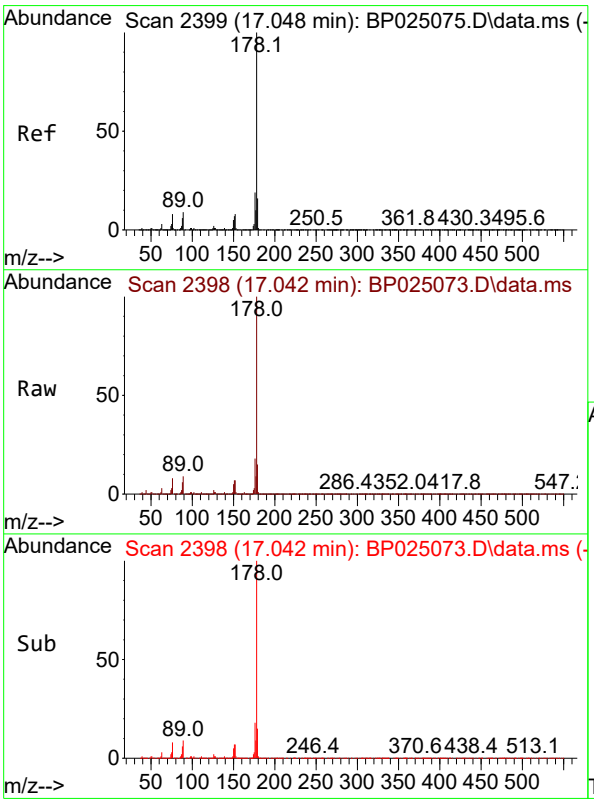
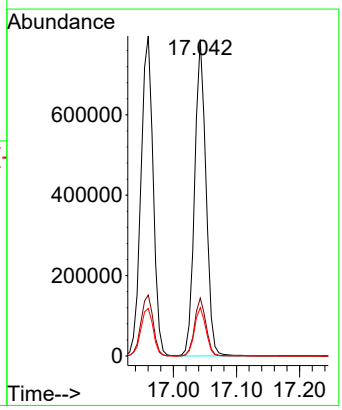
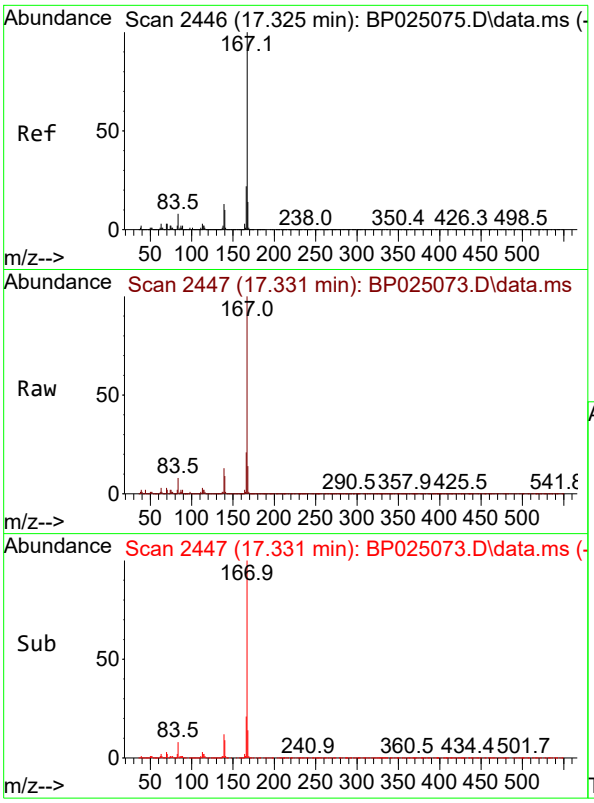


#72
Anthracene
Concen: 9.710 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 980773

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.5	18.7





#73
Carbazole
Concen: 9.917 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:167 Resp: 97937

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.5	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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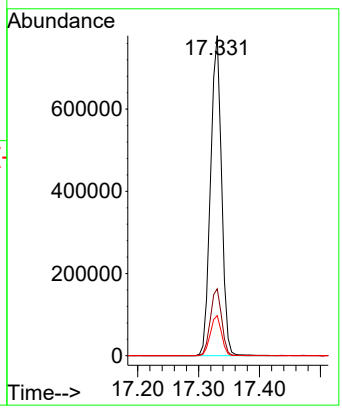
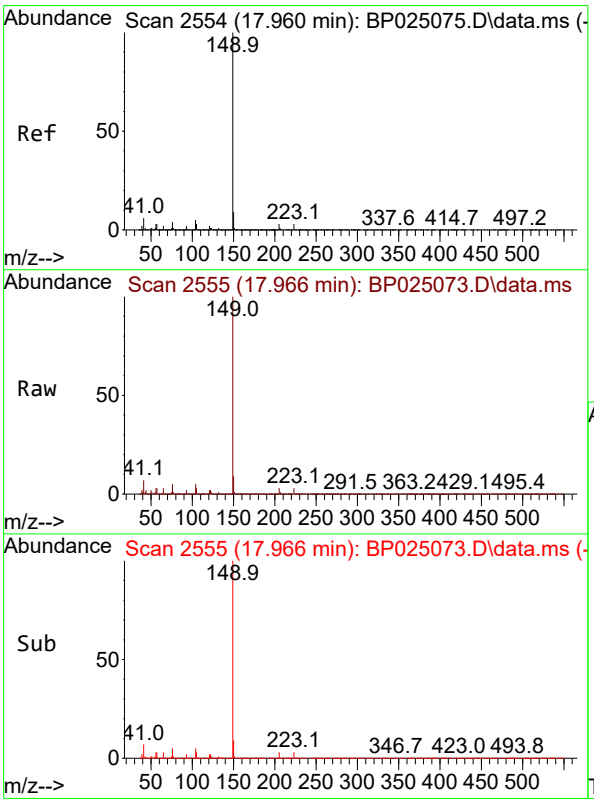
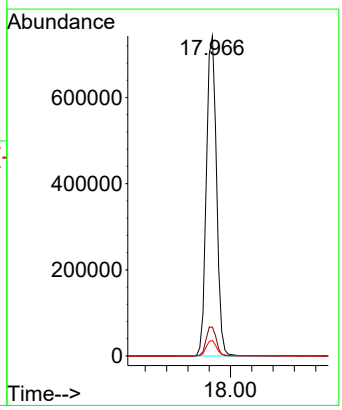


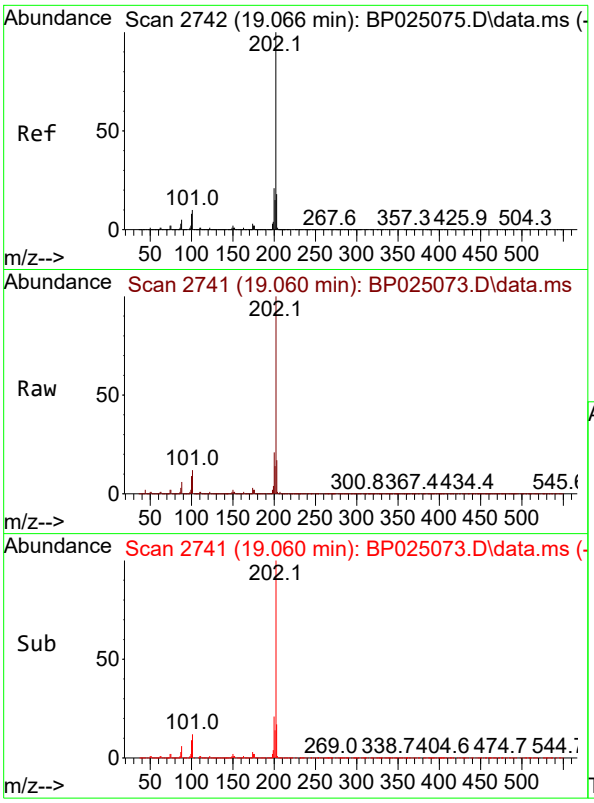


#74
Di-n-butylphthalate
Concen: 8.907 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 979540

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	3.8	5.6

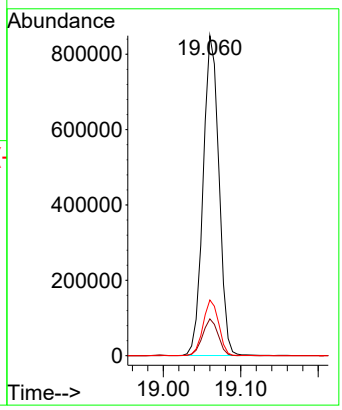




#75
Fluoranthene
Concen: 9.781 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 120375

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.4
203	17.4	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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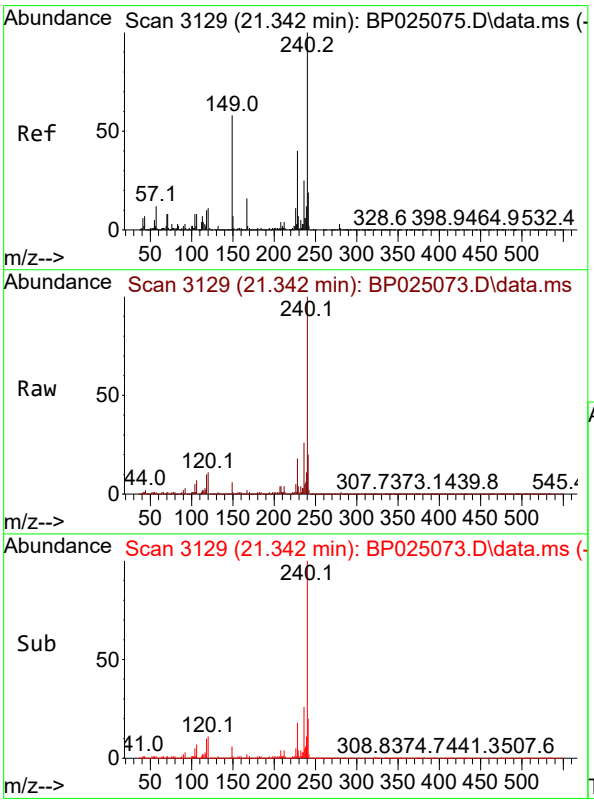
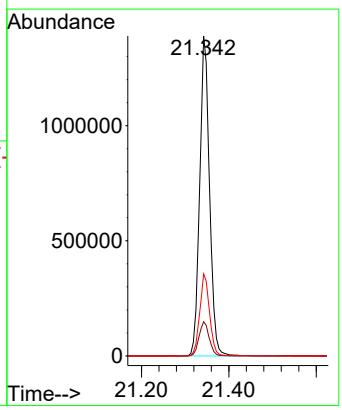
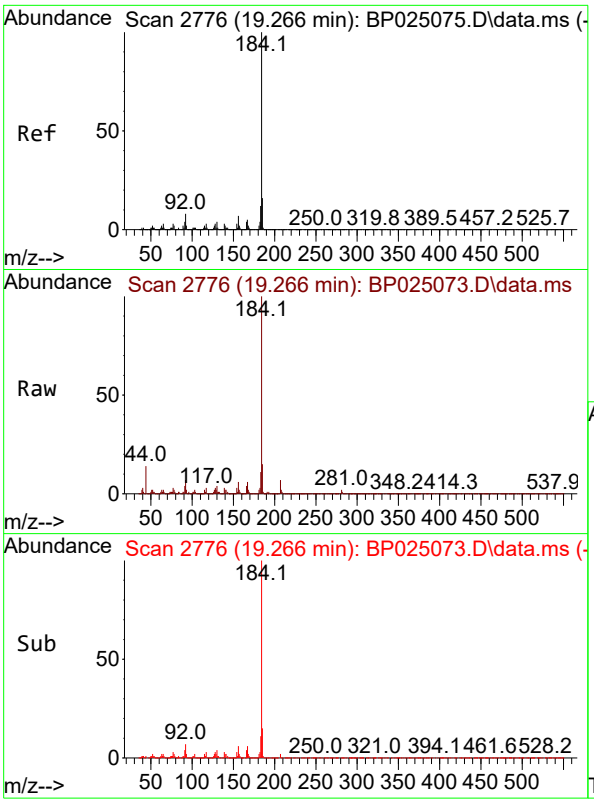


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:240 Resp: 2172955

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5

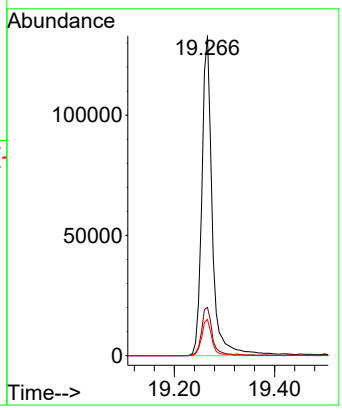




#77
Benzidine
Concen: 5.003 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 19200

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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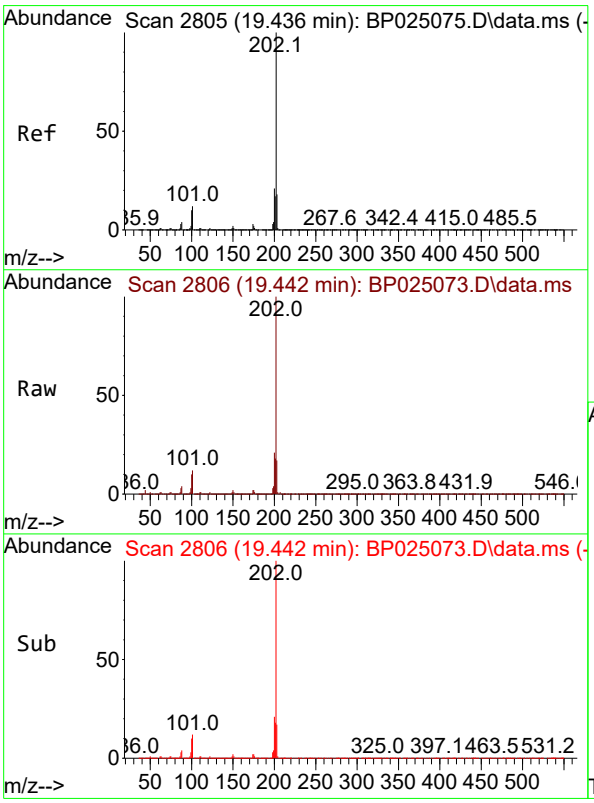
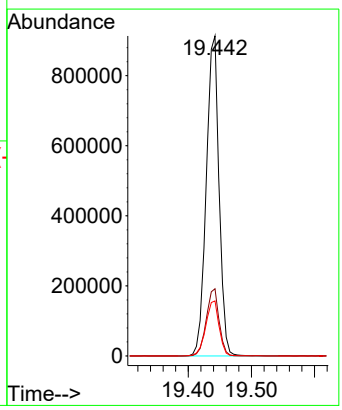
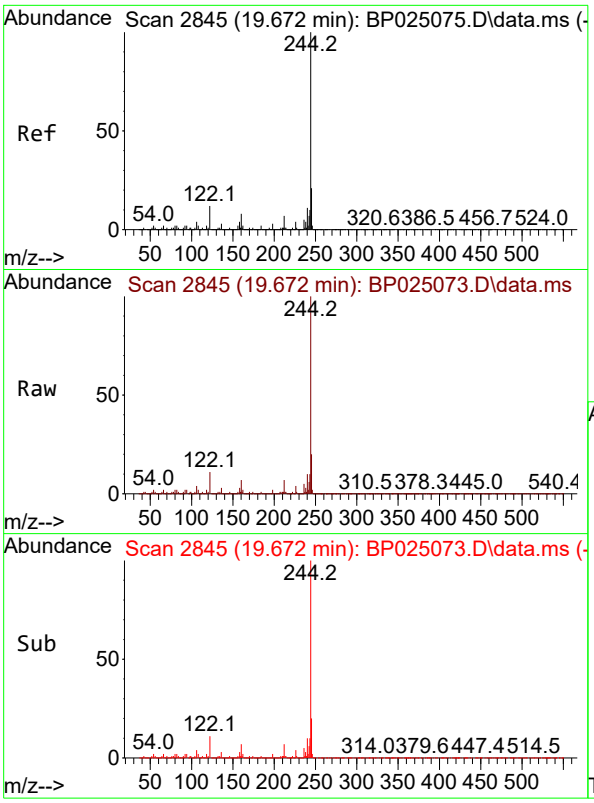


#78
Pyrene
Concen: 9.559 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 1286495

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.1	21.1

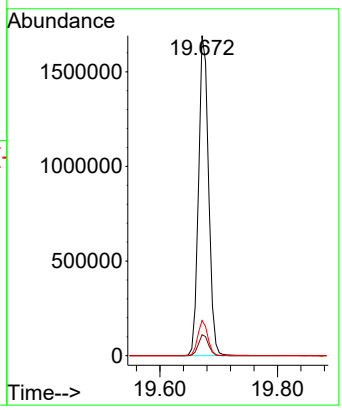




#79
Terphenyl-d14
Concen: 20.207 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:244 Resp: 199783

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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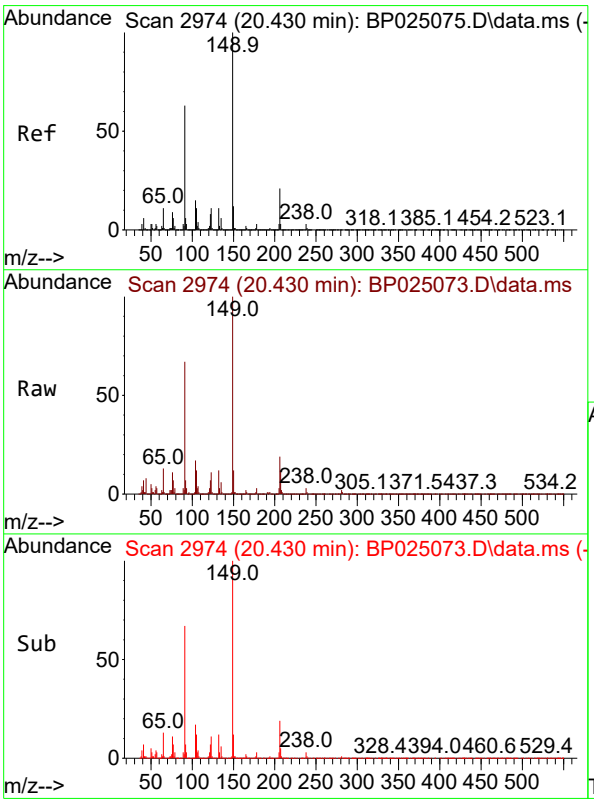
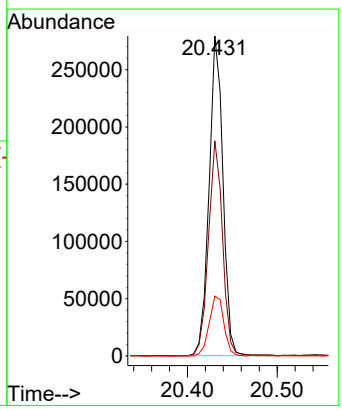
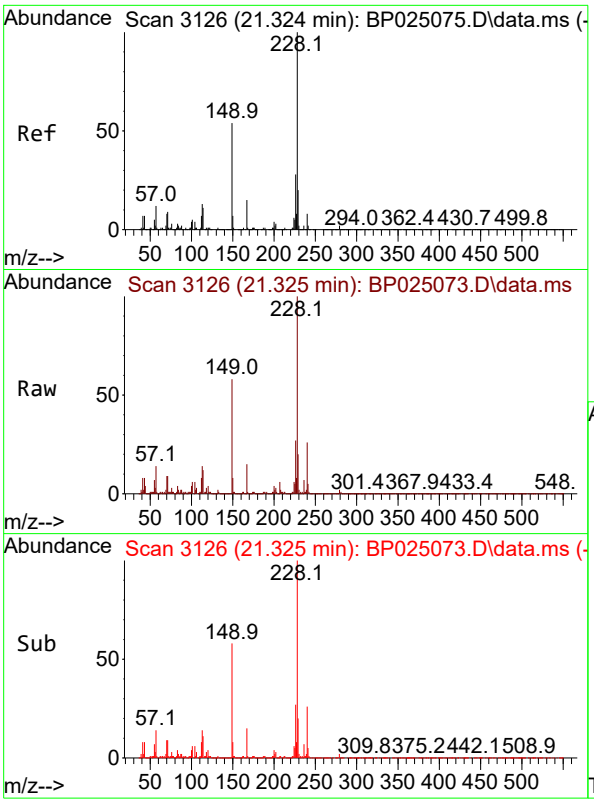


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 300028

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.6	76.0
206	18.7	17.2	25.8

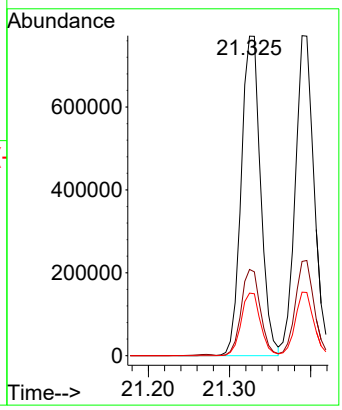




#81
Benzo(a)anthracene
Concen: 9.691 ng
RT: 21.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:228 Resp: 127610

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.6	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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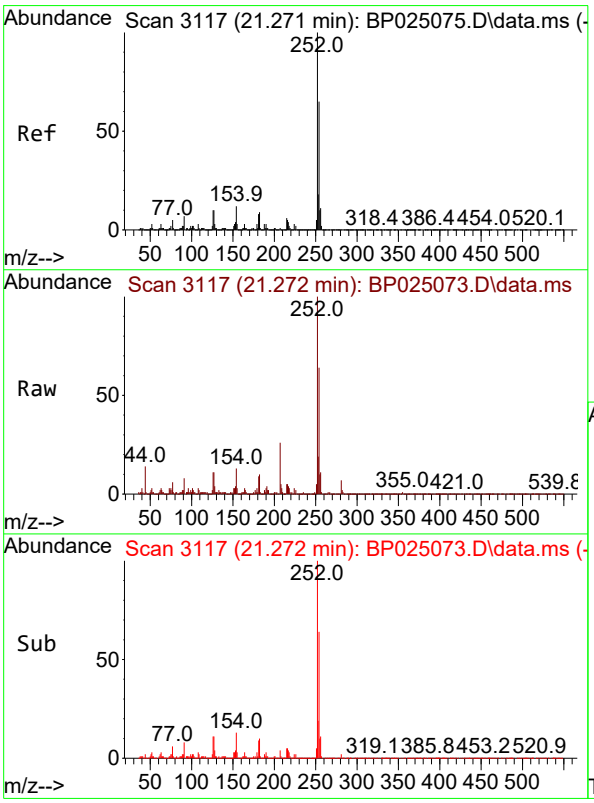
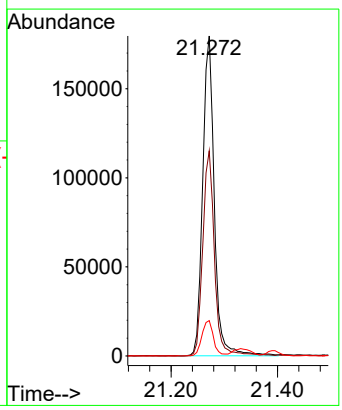
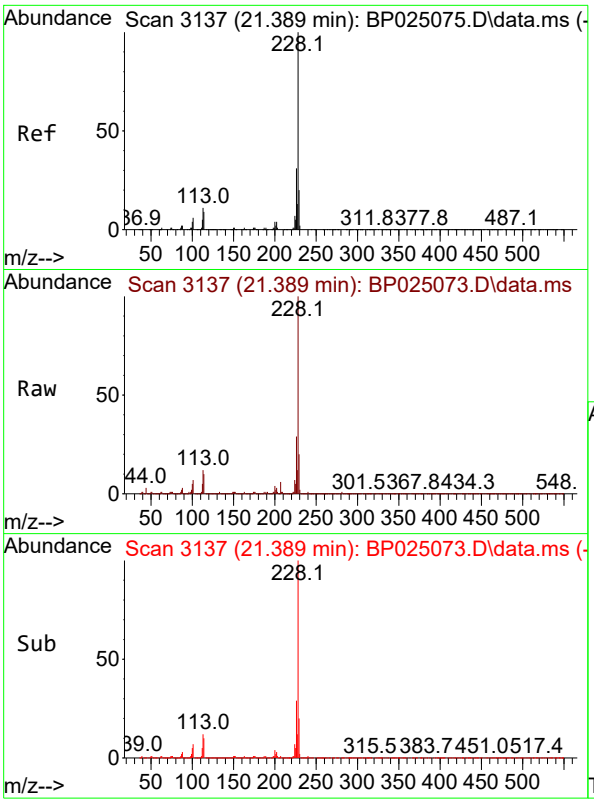


#82
3,3'-Dichlorobenzidine
Concen: 6.834 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 270931

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.0	8.1	12.1

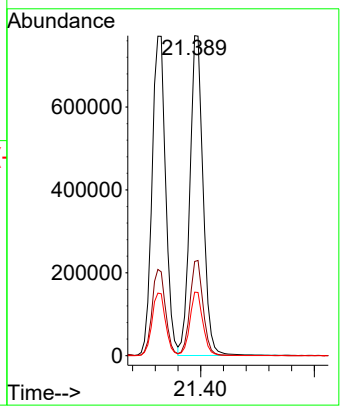




#83
Chrysene
Concen: 9.832 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:228 Resp: 124600

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.9	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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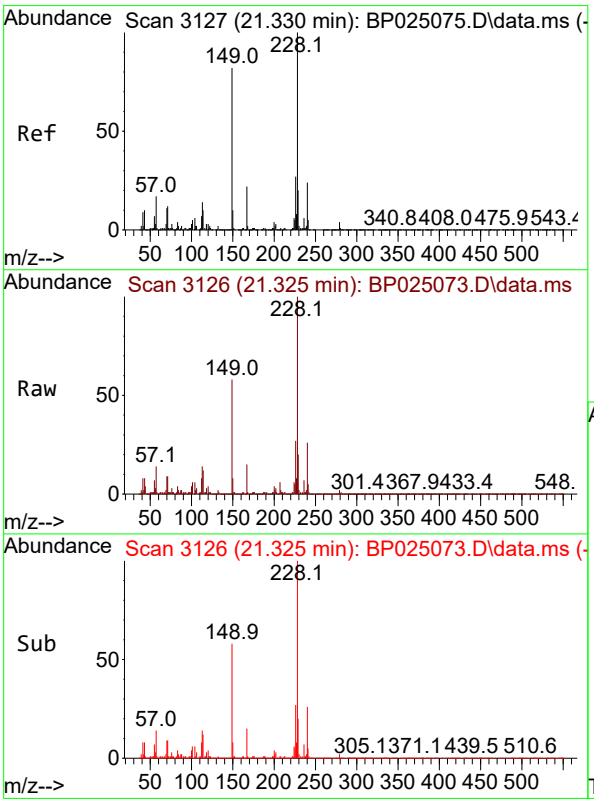
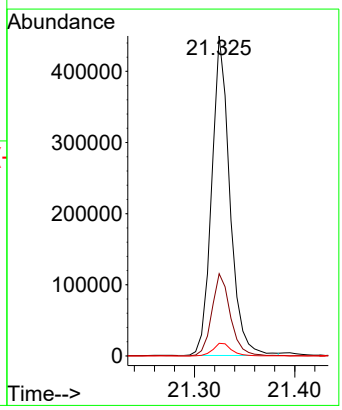
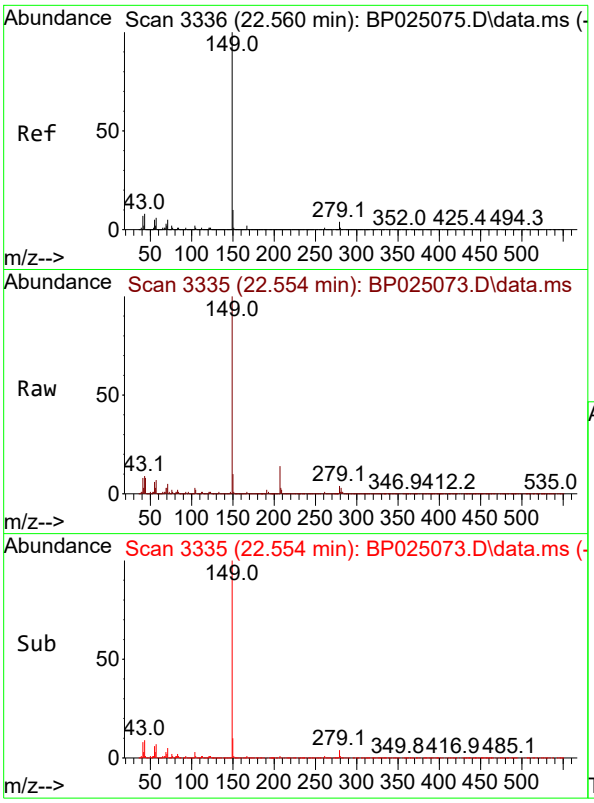


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.999 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 564998

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	3.9	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 10.561 ng
RT: 22.554 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 66201

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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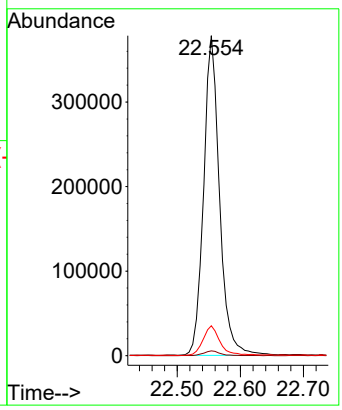
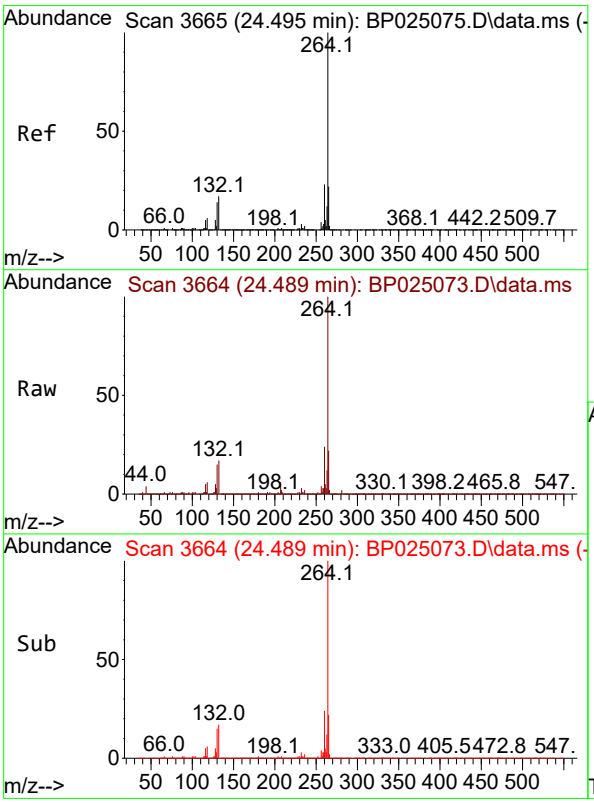
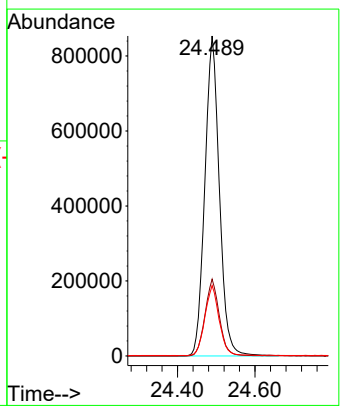


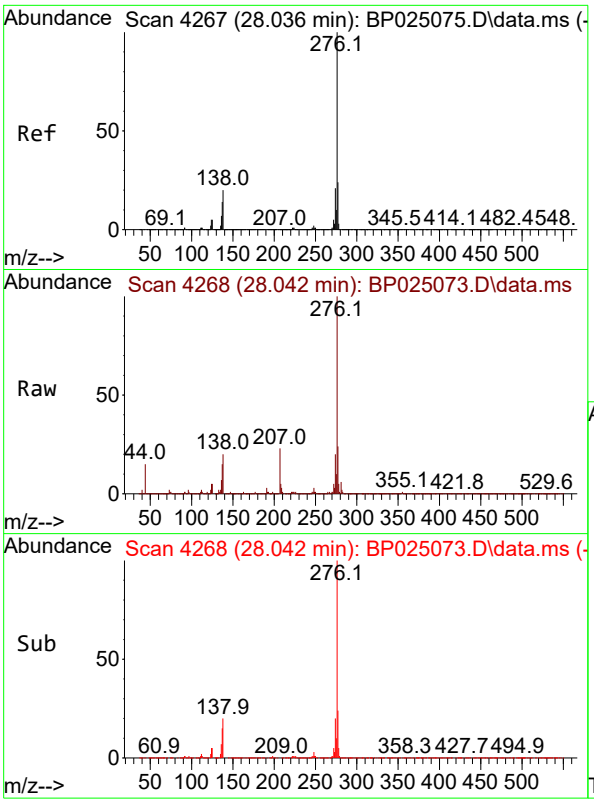


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:264 Resp: 2220570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.7	26.5

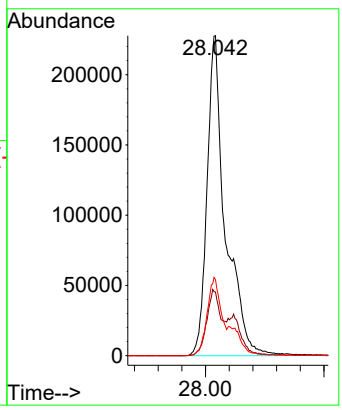




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.642 ng
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 122286

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.0	19.6
277	18.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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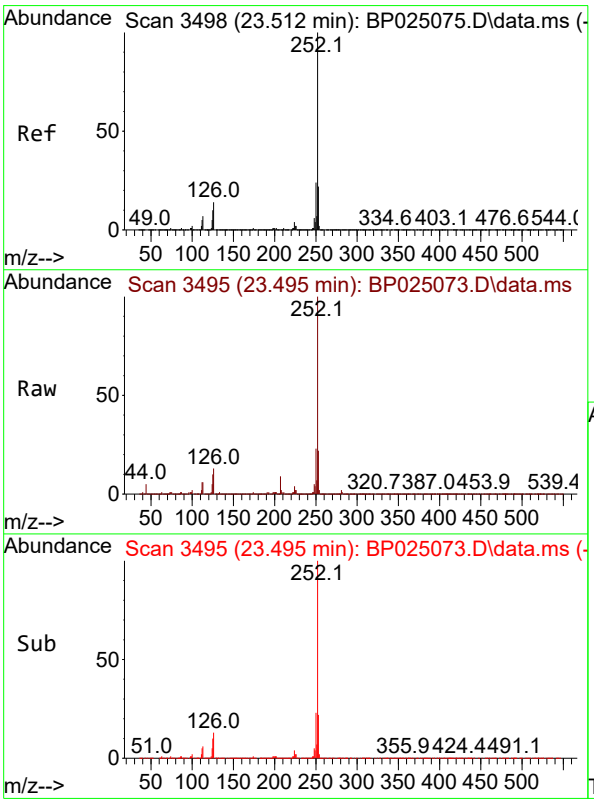
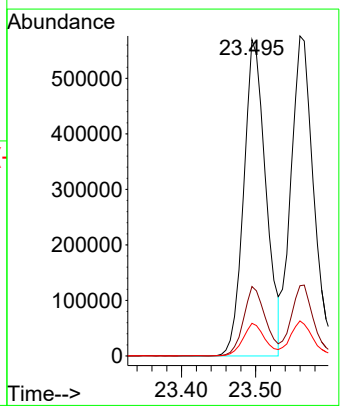
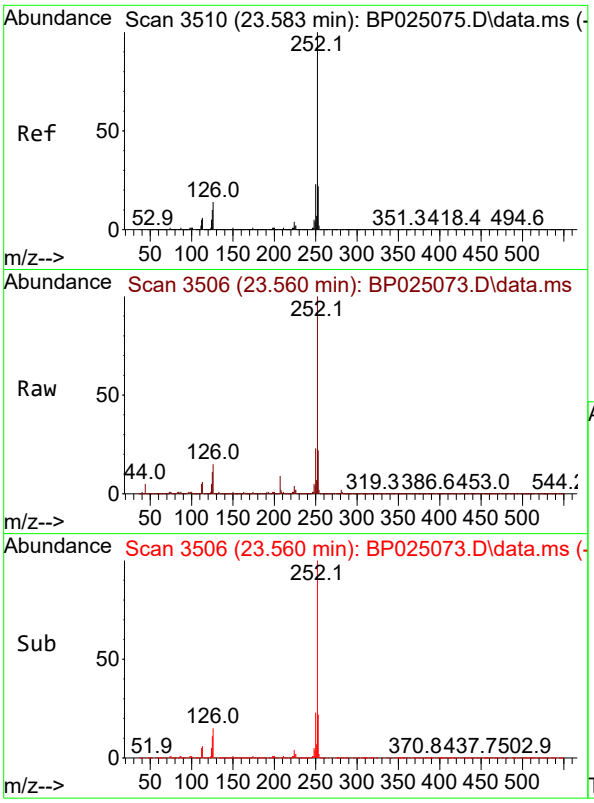


#88
Benzo(b)fluoranthene
Concen: 9.134 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 1180548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.3	8.1	12.1

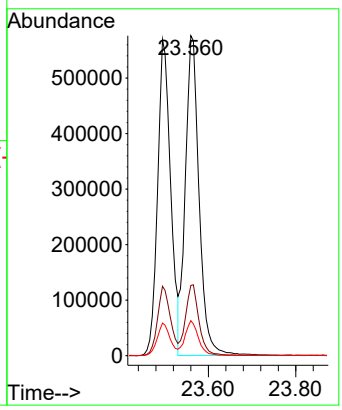




#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 125298

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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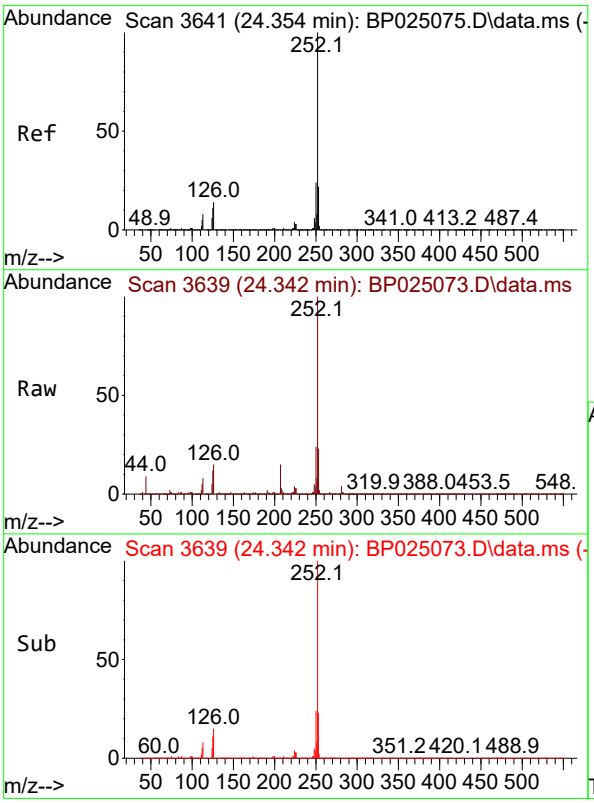
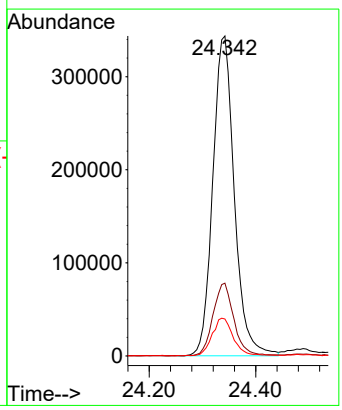
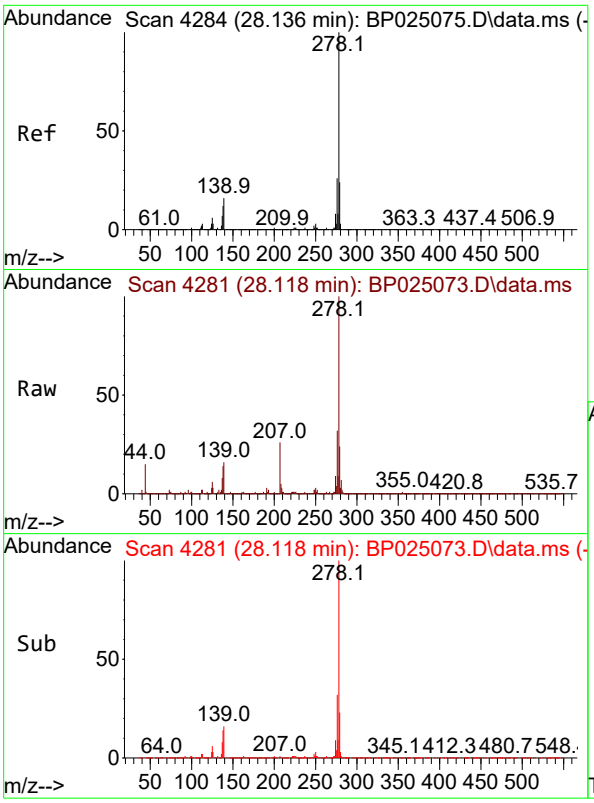


#90
Benzo(a)pyrene
Concen: 8.758 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 963455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.5	9.0	13.4

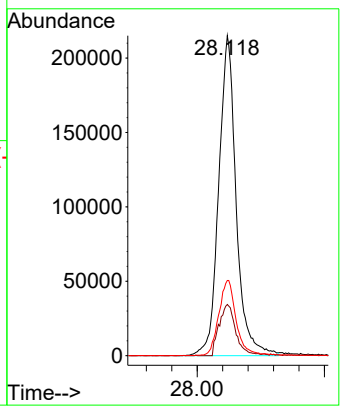




#91
Dibenzo(a,h)anthracene
Concen: 8.747 ng
RT: 28.118 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:278 Resp: 102279

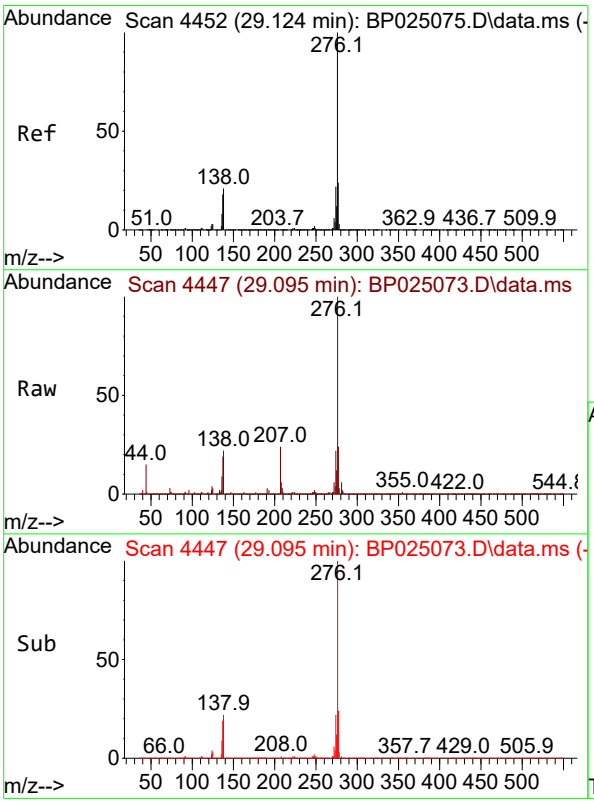
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

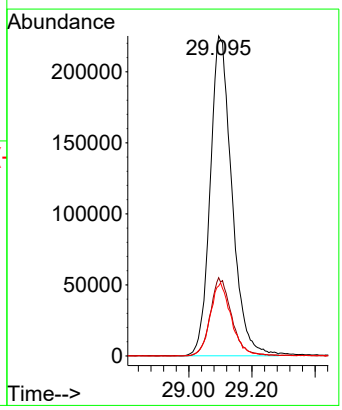
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 8.886 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 1073371

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng		0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	842975	41.776	ng		0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng		0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng		0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng		98
3) Pyridine	3.490	79	444402	20.702	ng		98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng	#	98
6) Aniline	6.784	93	511196	20.777	ng		99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng		98
9) Benzaldehyde	6.596	77	319740	23.250	ng		99
10) Phenol	6.655	94	554695	20.731	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng		99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng		99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng		98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng		100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng		99
17) 2-Methylphenol	7.878	107	359925	20.883	ng		99
18) Hexachloroethane	8.502	117	171635	20.594	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng		97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng		99
22) Acetophenone	8.243	105	733244	21.234	ng		99
24) Nitrobenzene	8.613	77	465912	20.834	ng		98
25) Isophorone	9.131	82	857174	20.891	ng		100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng		97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng		99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng		99
31) Naphthalene	10.237	128	1578374	20.993	ng		99
32) Benzoic acid	9.472	122	222091	18.881	ng		99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng		98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng		99
35) Caprolactam	11.096	113	148067	20.394	ng		99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng		100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng		99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng		100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng		97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

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

ICAL Form

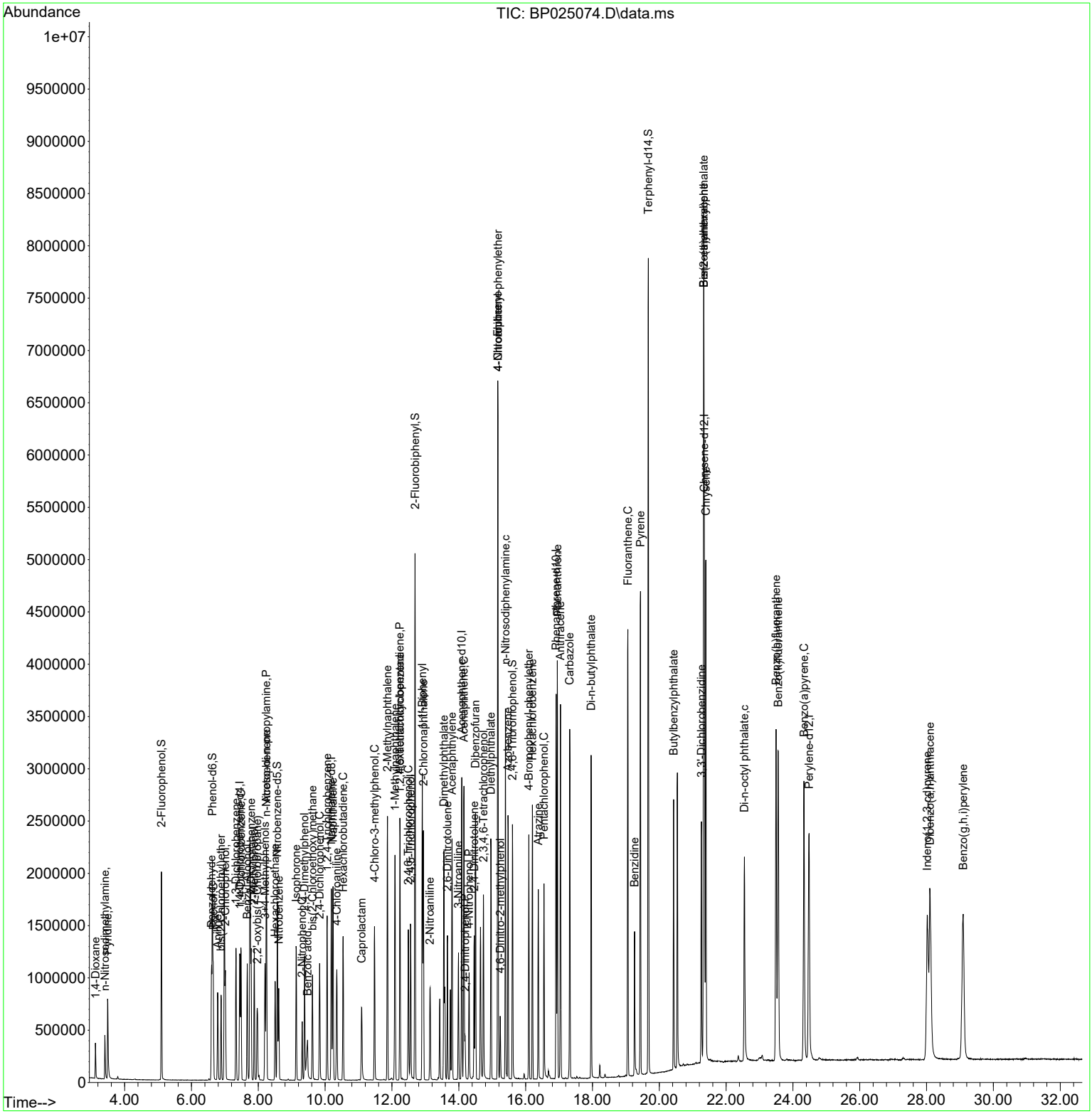
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

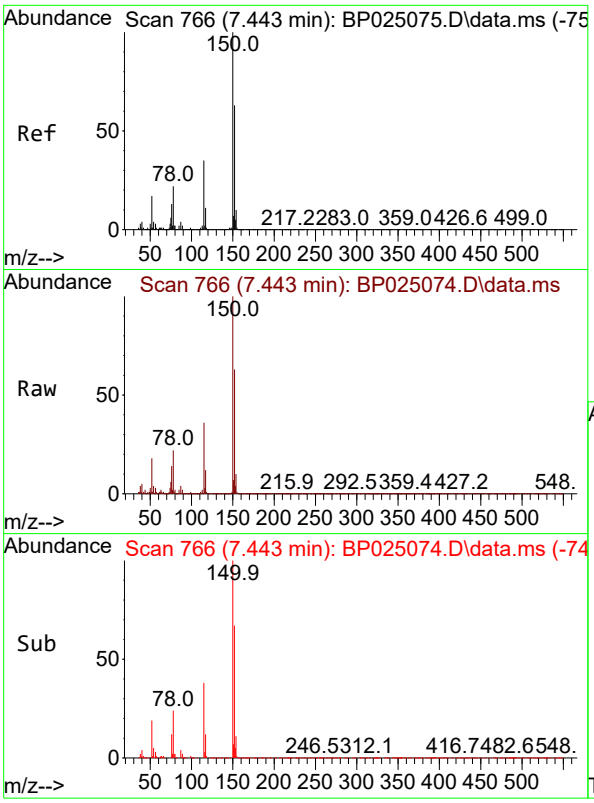
Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

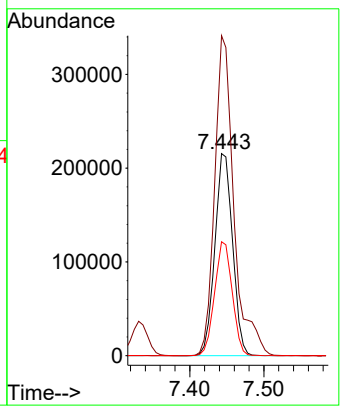




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:152 Resp: 35753

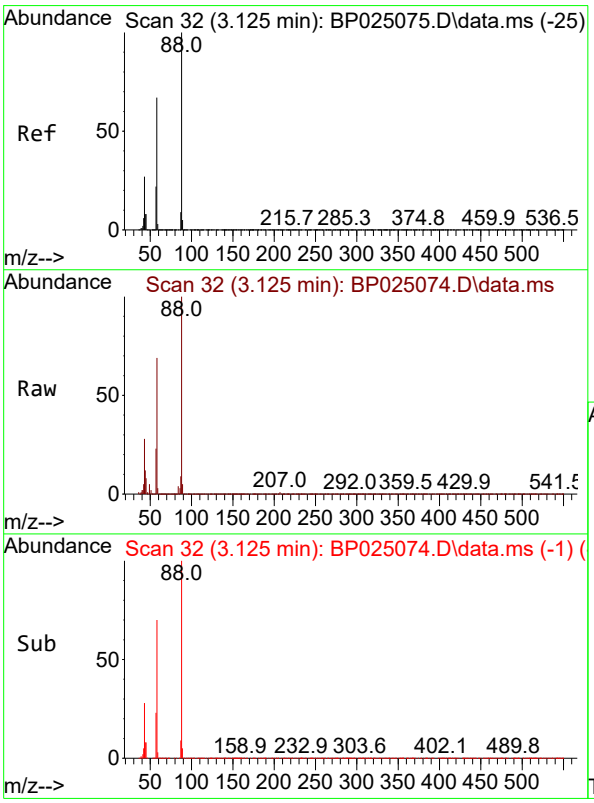
Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	56.4	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

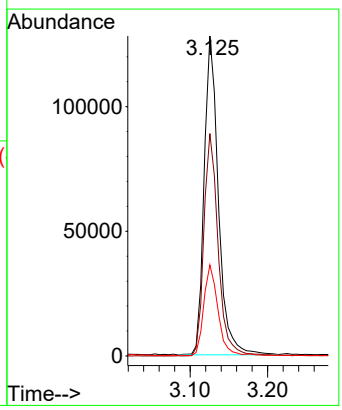
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

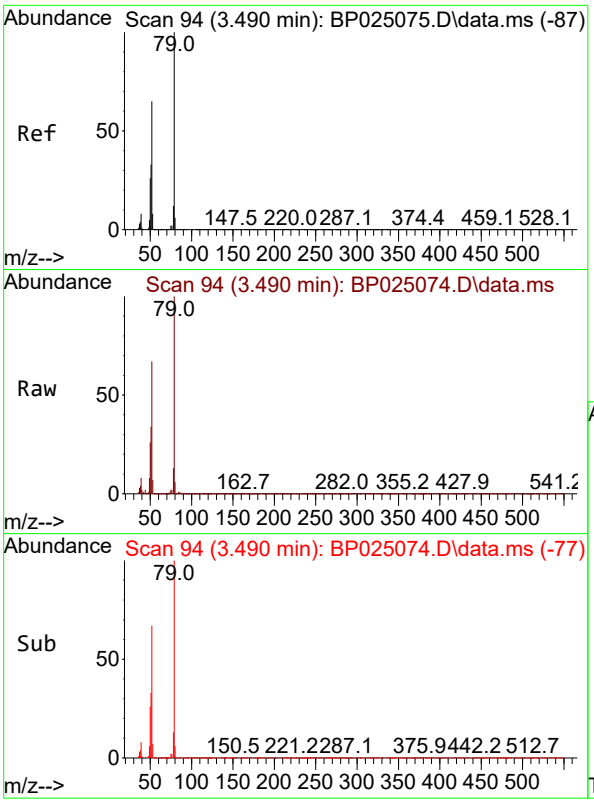


#2
1,4-Dioxane
Concen: 20.836 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 88 Resp: 163489

Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.0	82.4
43	28.4	21.9	32.9

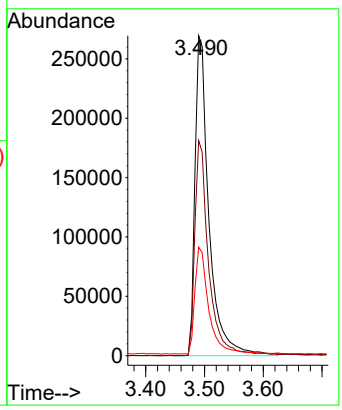




#3
Pyridine
Concen: 20.702 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 79 Resp: 44440

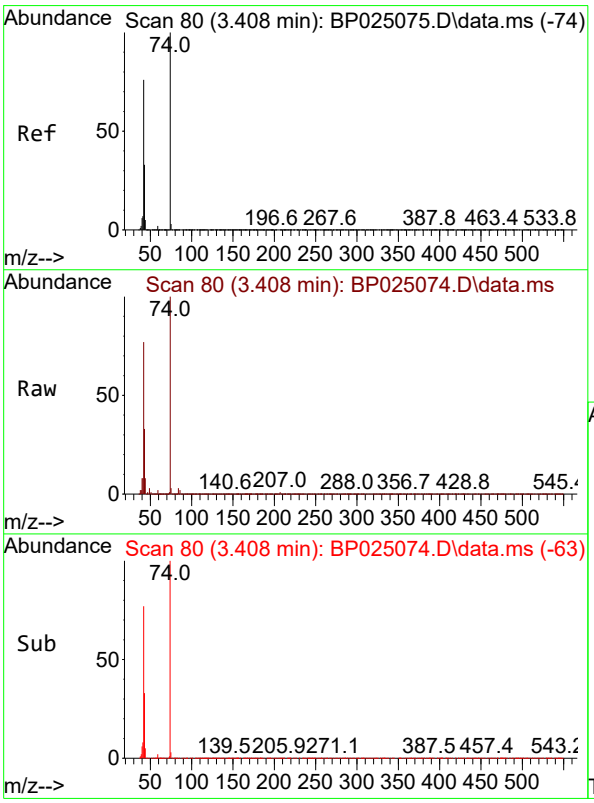
Ion	Ratio	Lower	Upper
79	100		
52	67.2	52.2	78.4
51	33.9	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

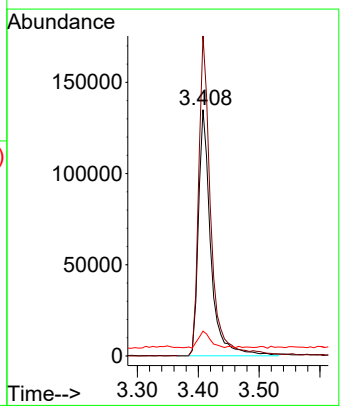
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

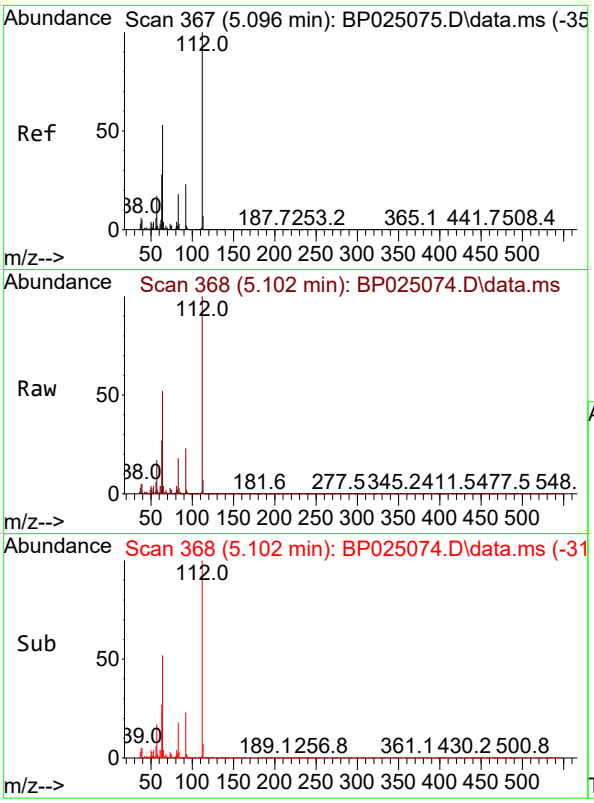


#4
n-Nitrosodimethylamine
Concen: 20.874 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 42 Resp: 189864

Ion	Ratio	Lower	Upper
42	100		
74	130.0	105.2	157.8
44	10.1	6.6	9.8#





#5
2-Fluorophenol
Concen: 41.776 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

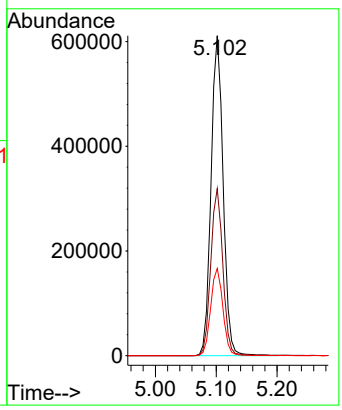
Tgt Ion:112 Resp: 84297

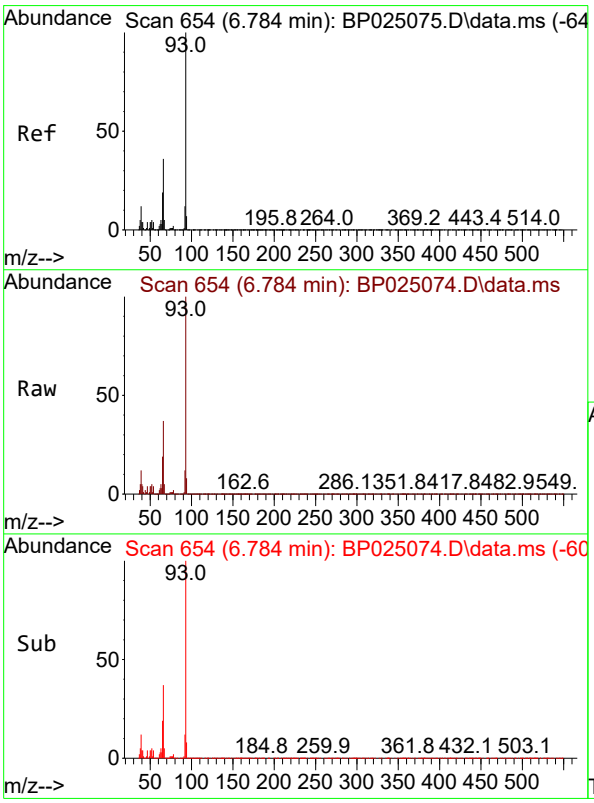
Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	27.3	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

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

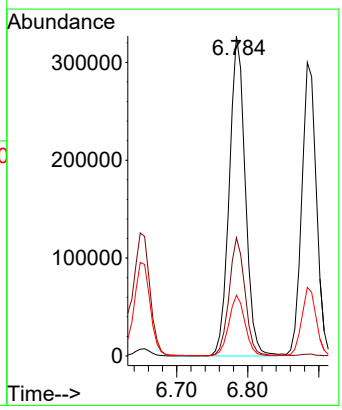


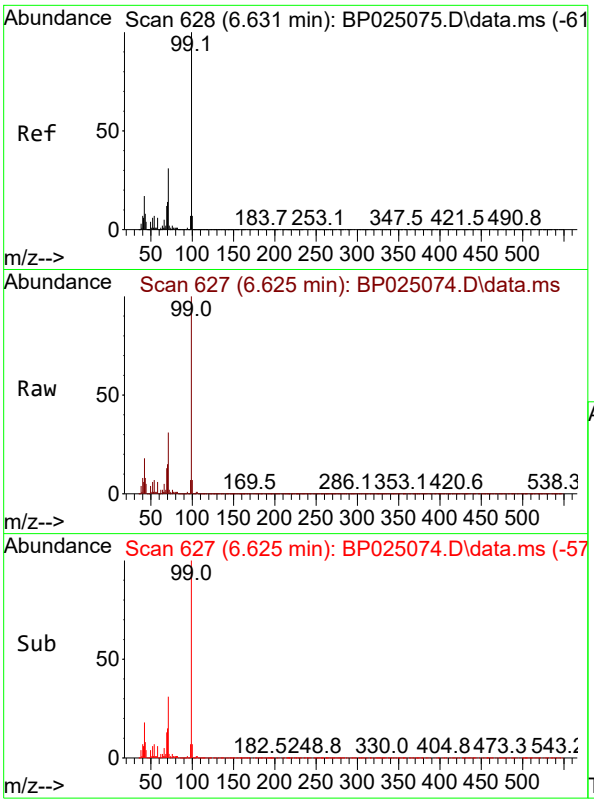


#6
Aniline
Concen: 20.777 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 511196

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.9	15.2	22.8

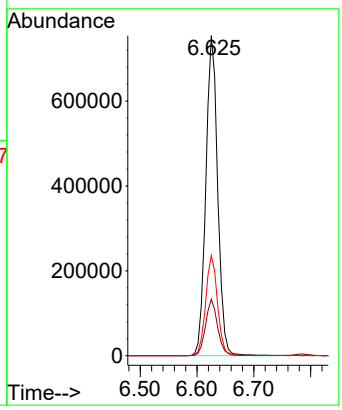




#7
Phenol-d6
Concen: 41.286 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 99 Resp: 108716

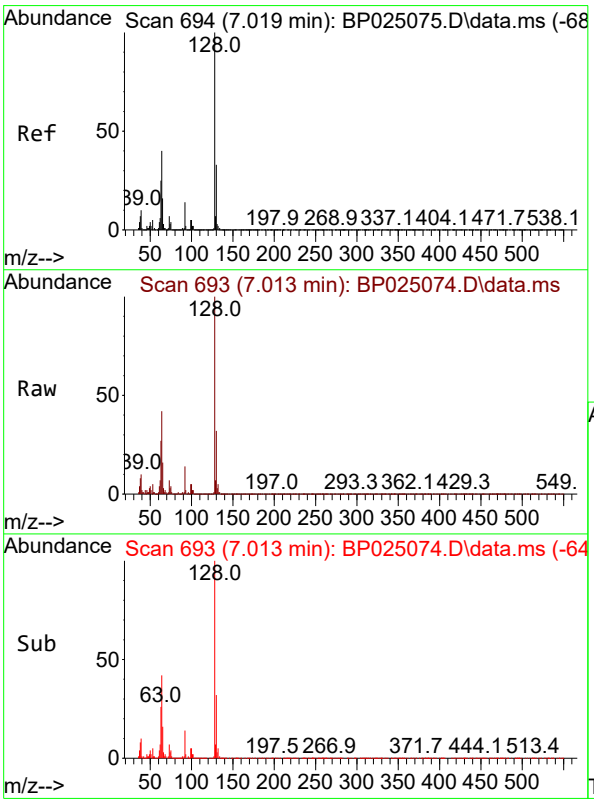
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	31.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

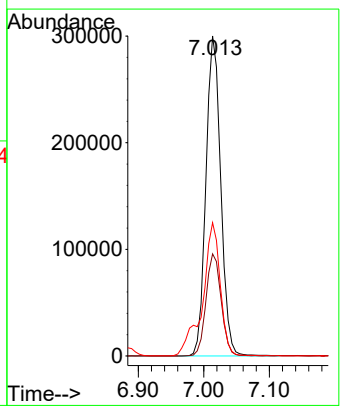
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

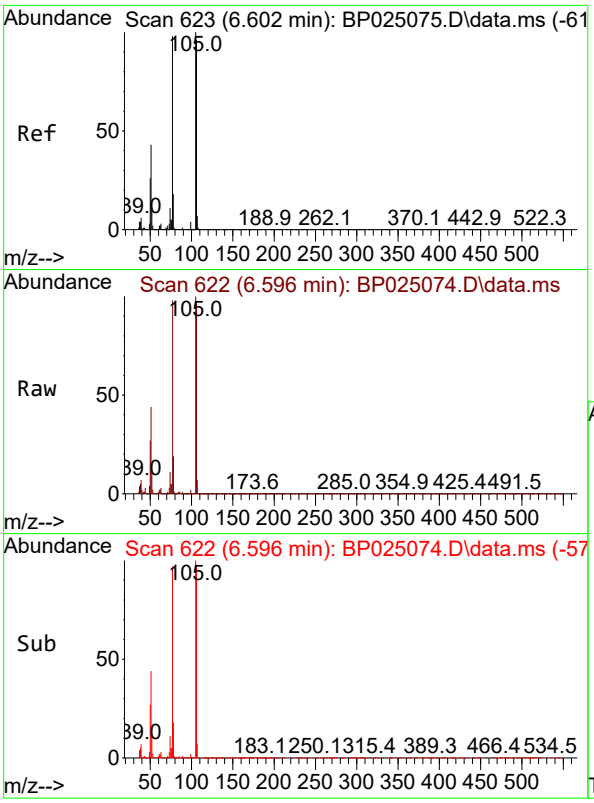


#8
2-Chlorophenol
Concen: 20.908 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 472043

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	41.7	20.3	60.3

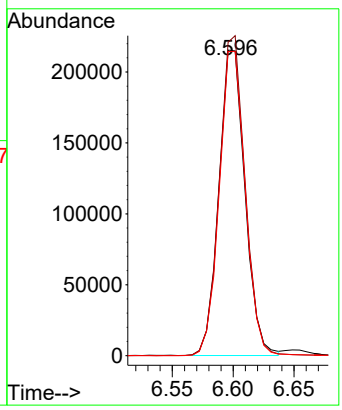




#9
Benzaldehyde
Concen: 23.250 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 319746

Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.4	122.4
106	99.5	78.3	118.3



Instrument :
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ClientSampleId :
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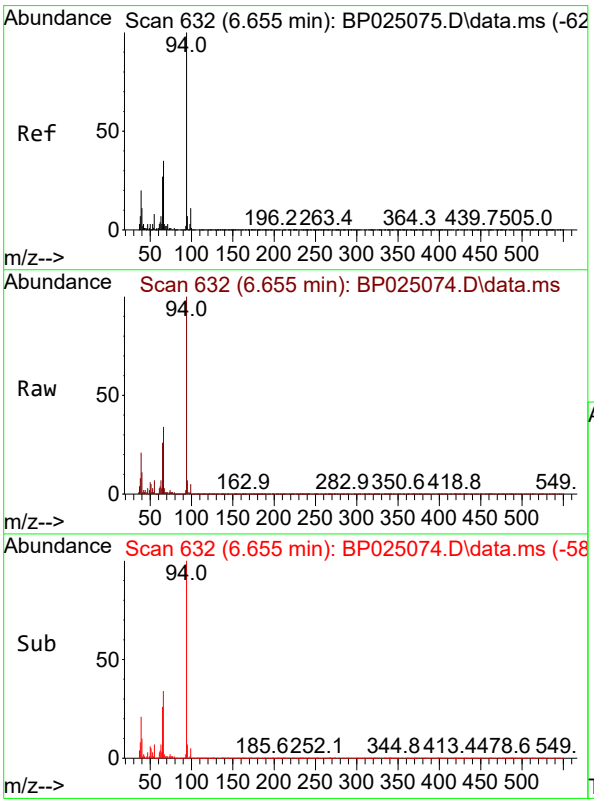
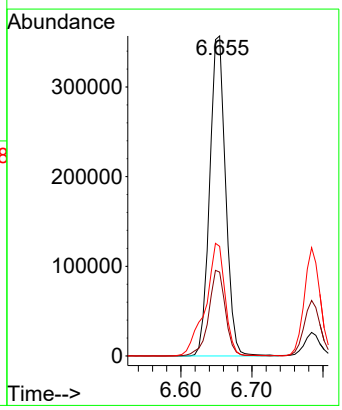
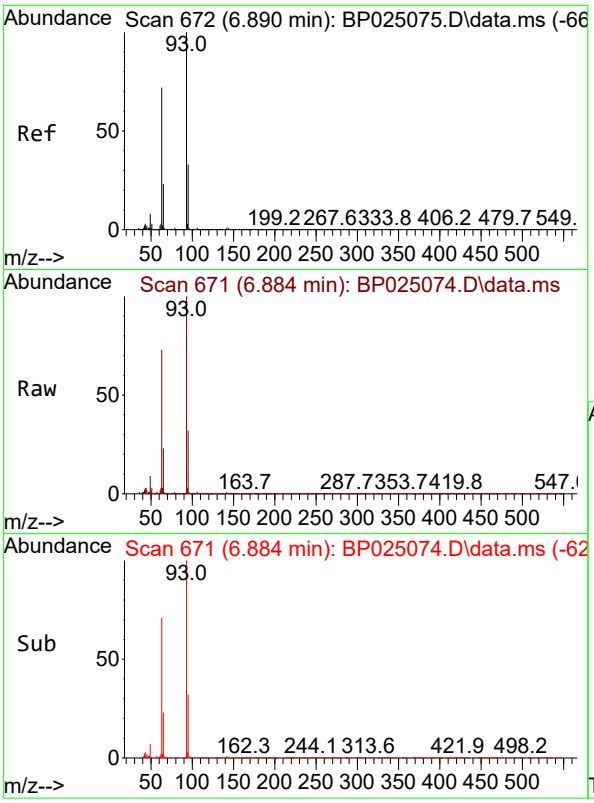


#10
Phenol
Concen: 20.731 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 94 Resp: 554695

Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.9	46.9
66	34.3	14.6	54.6

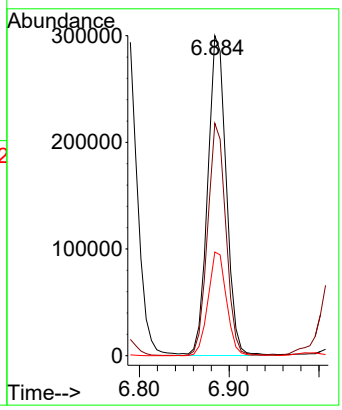




#11
bis(2-Chloroethyl)ether
Concen: 20.838 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 42910

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.4	12.4	52.4



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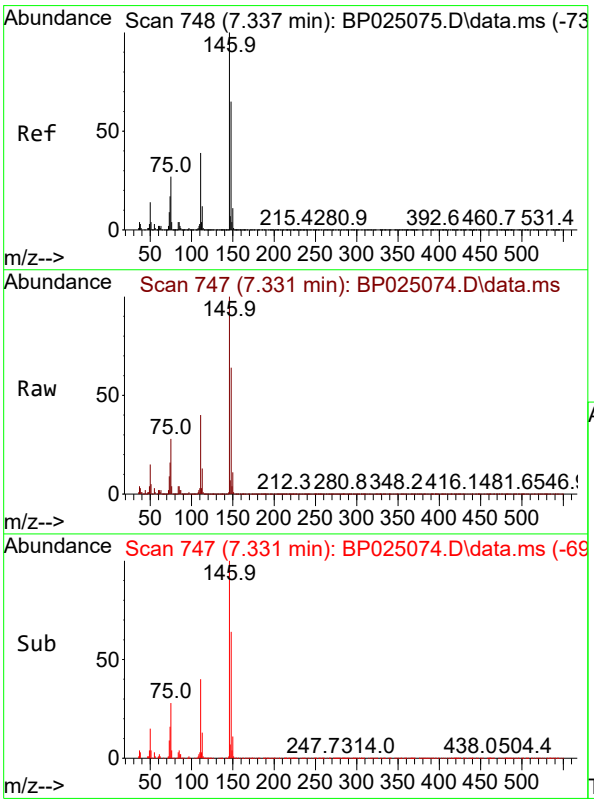
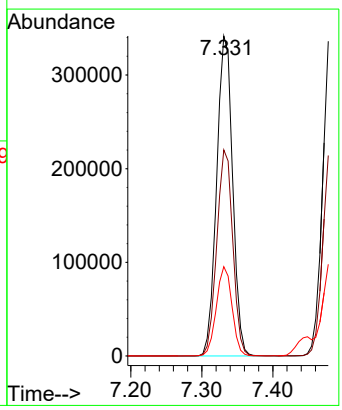
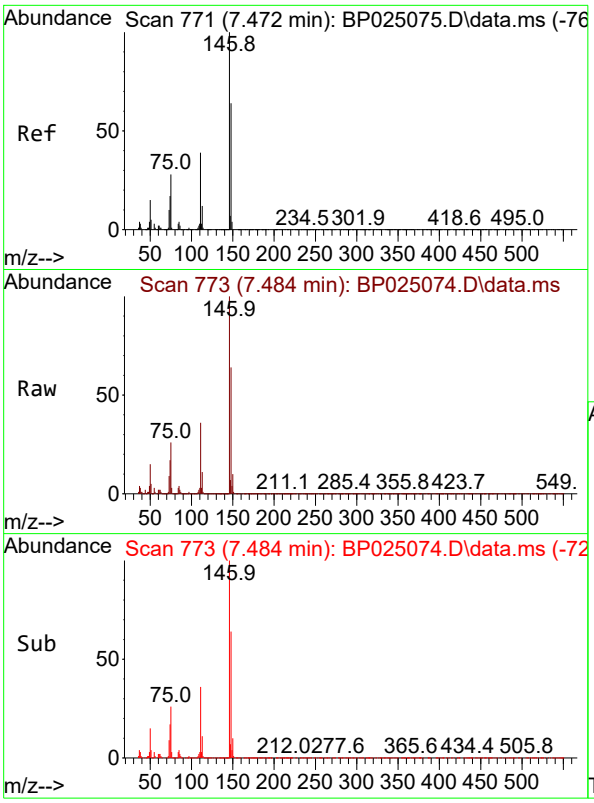


#12
1,3-Dichlorobenzene
Concen: 21.016 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 531035

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.9	21.8	32.6

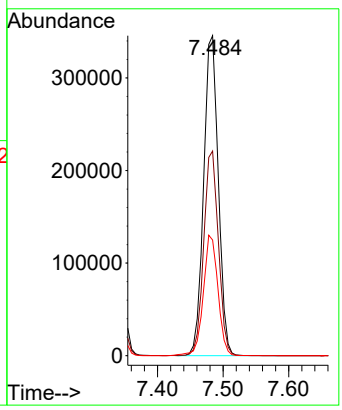




#13
1,4-Dichlorobenzene
Concen: 21.030 ng
RT: 7.484 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 53800

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	36.2	31.2	46.8



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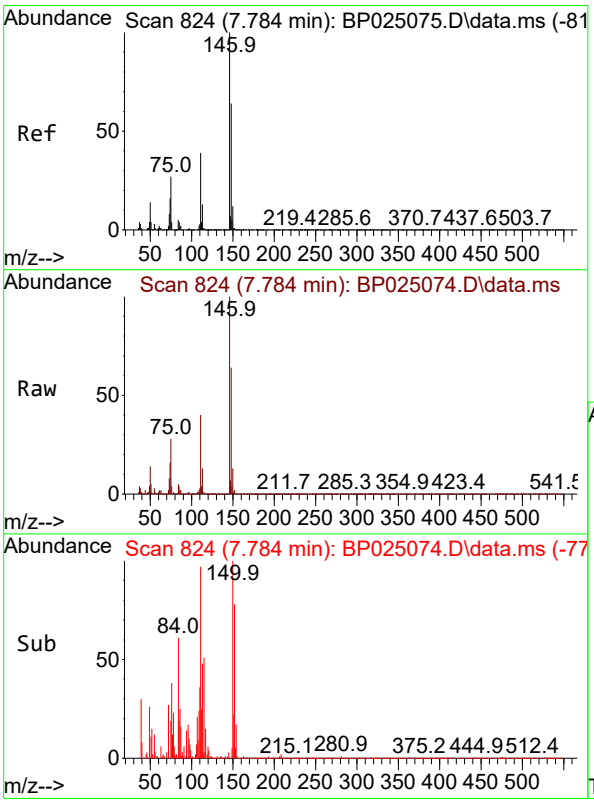
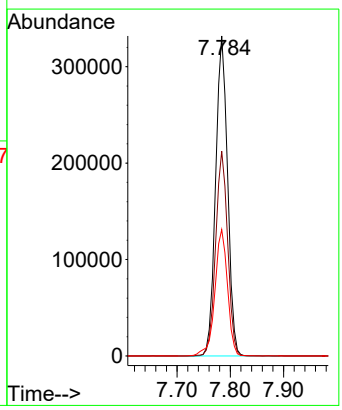
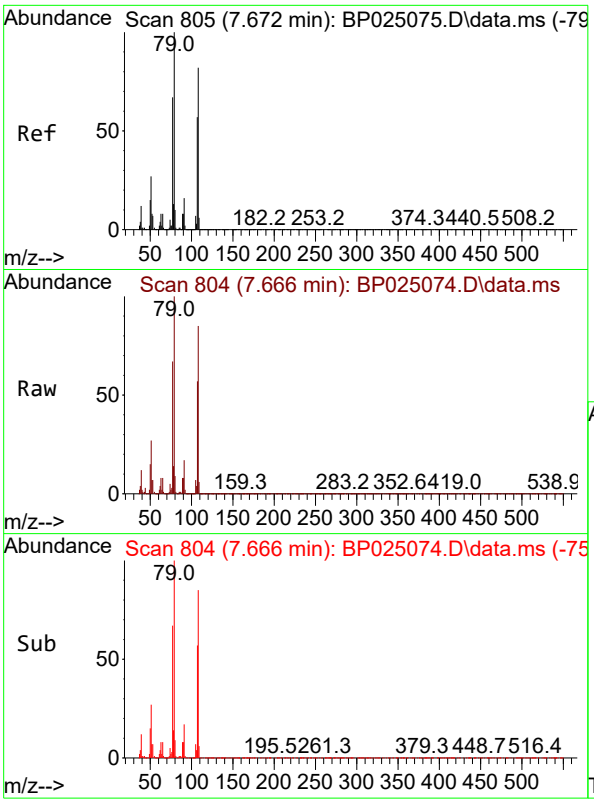


#14
1,2-Dichlorobenzene
Concen: 20.995 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 516666

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	39.5	31.2	46.8

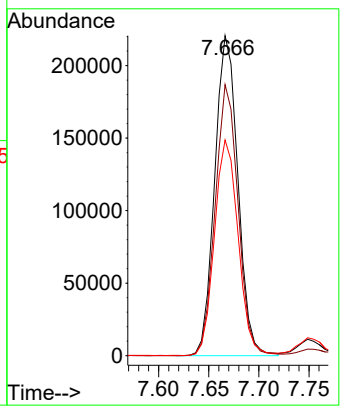




#15
Benzyl Alcohol
Concen: 20.160 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 79 Resp: 35431

Ion	Ratio	Lower	Upper
79	100		
108	84.7	66.0	99.0
77	67.4	53.4	80.2



Instrument :
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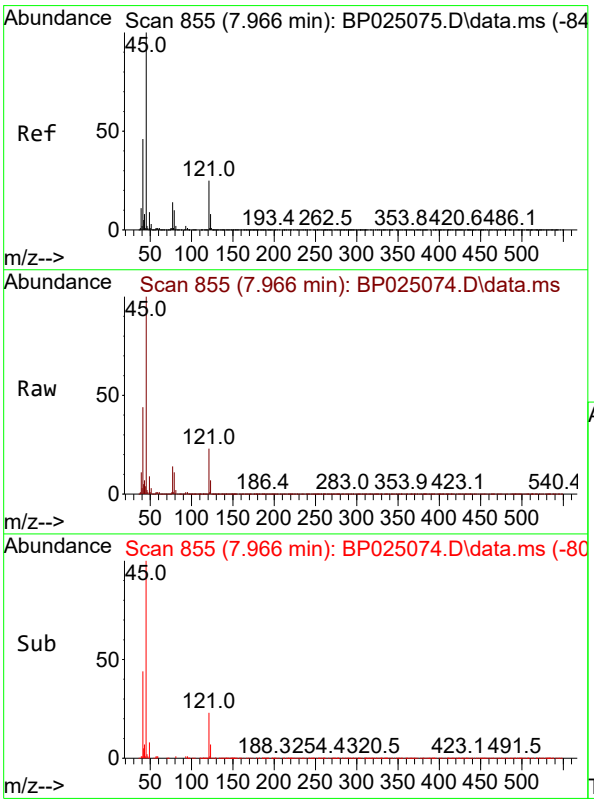
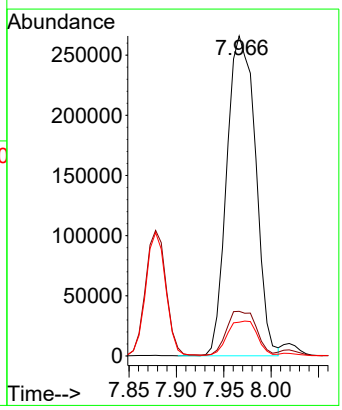
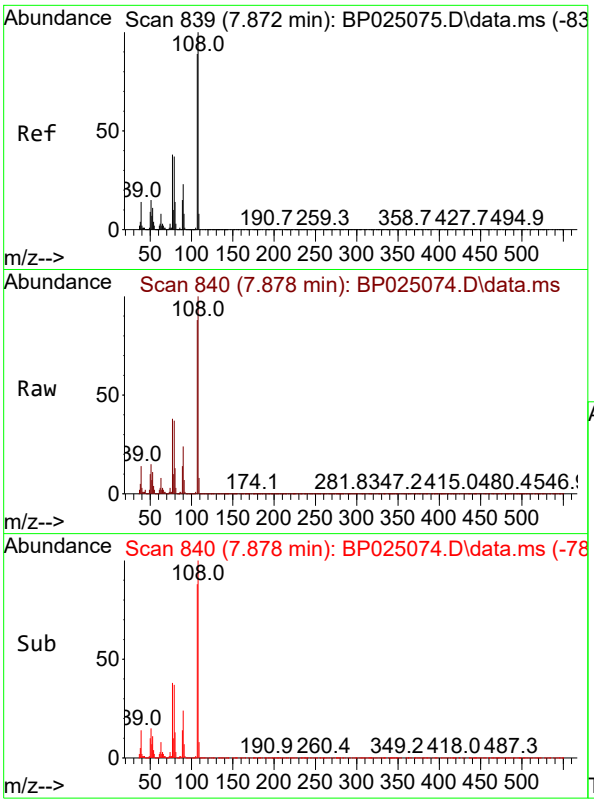


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.963 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 45 Resp: 561269

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.8
79	10.5	0.0	30.7

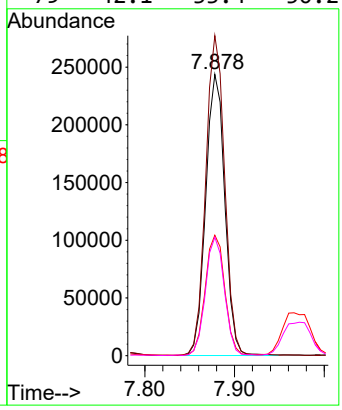




#17
2-Methylphenol
Concen: 20.883 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 35992

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.7	134.5
77	42.8	34.2	51.4
79	42.1	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
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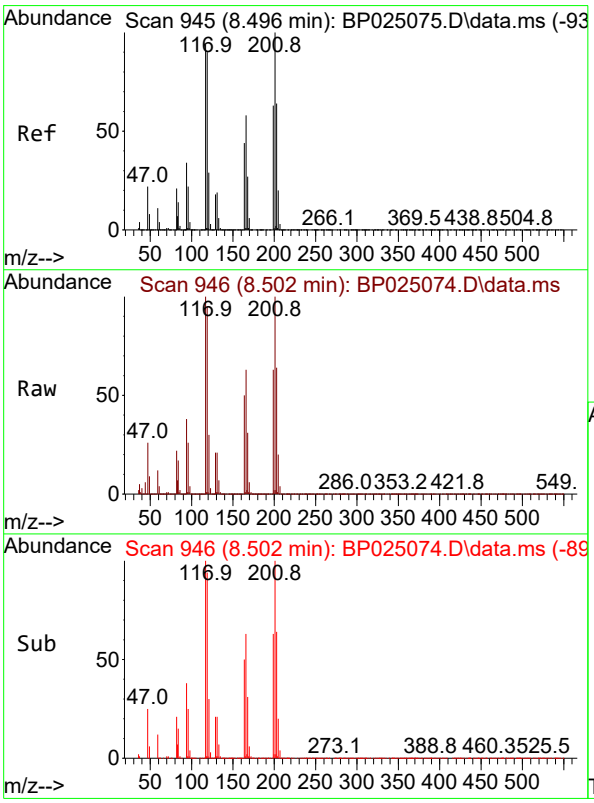
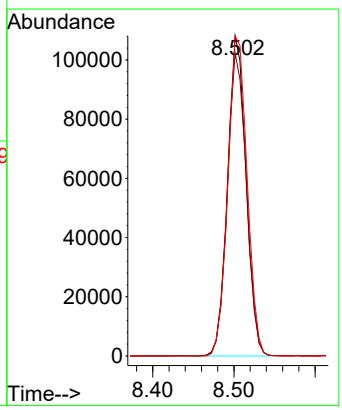
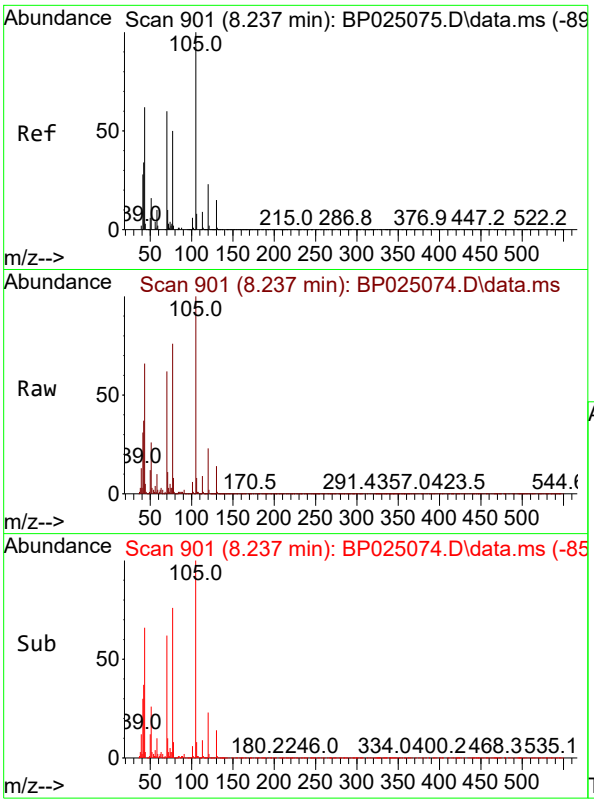


#18
Hexachloroethane
Concen: 20.594 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:117 Resp: 171635

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	100.0	85.4	128.2

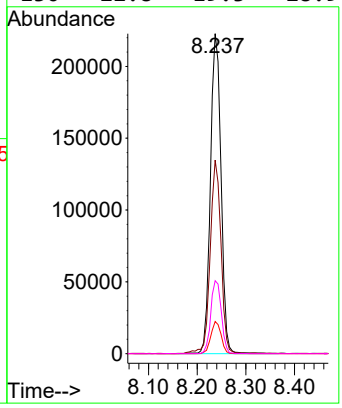




#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 70 Resp: 33533

Ion	Ratio	Lower	Upper
70	100		
42	60.5	46.5	69.7
101	10.1	7.9	11.9
130	22.8	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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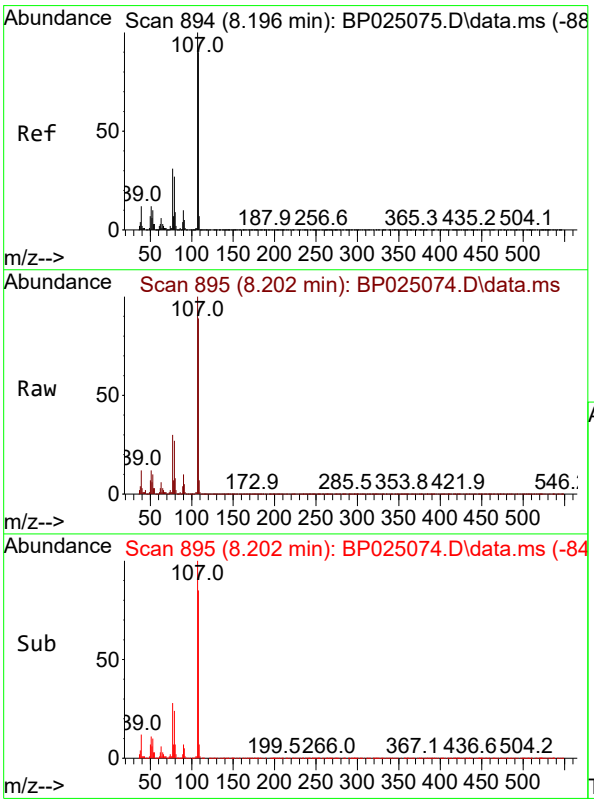
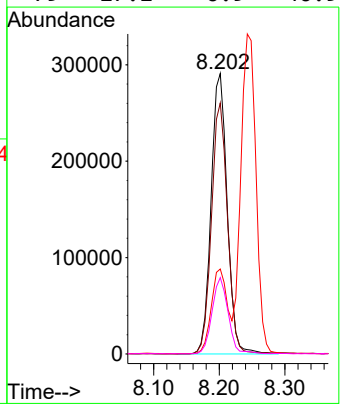
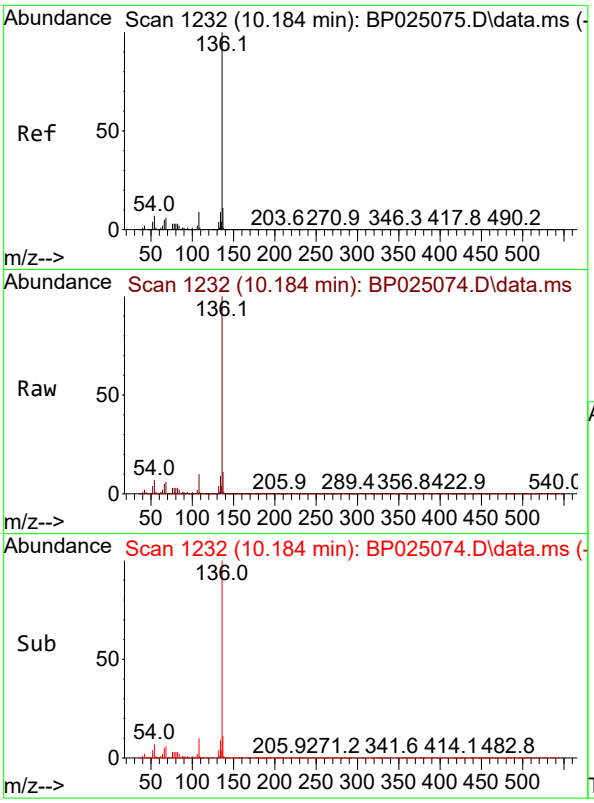


#20
3+4-Methylphenols
Concen: 20.484 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 494507

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	30.3	11.4	51.4
79	27.2	6.9	46.9

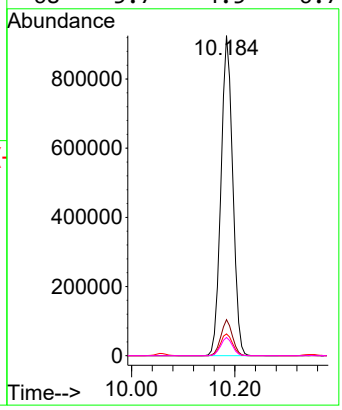




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:136 Resp: 146014

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.5	6.7



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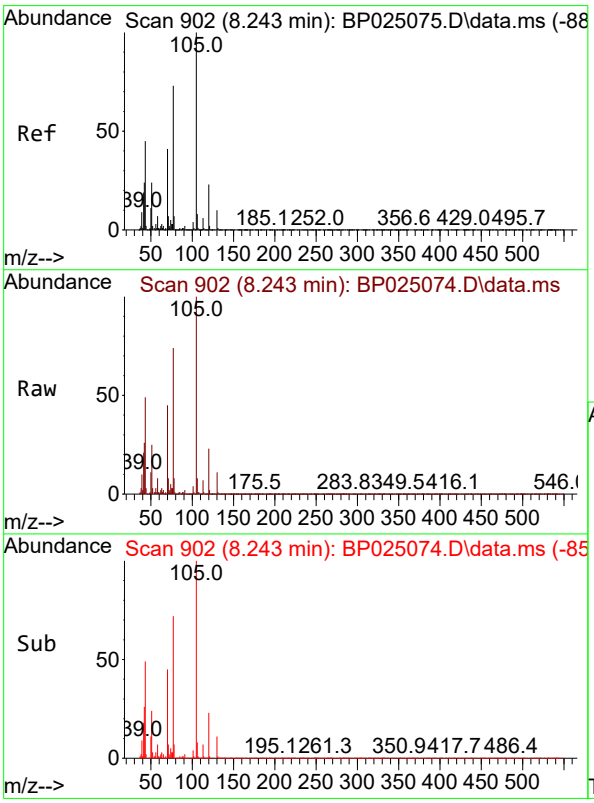
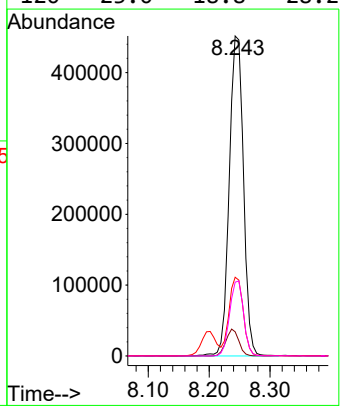
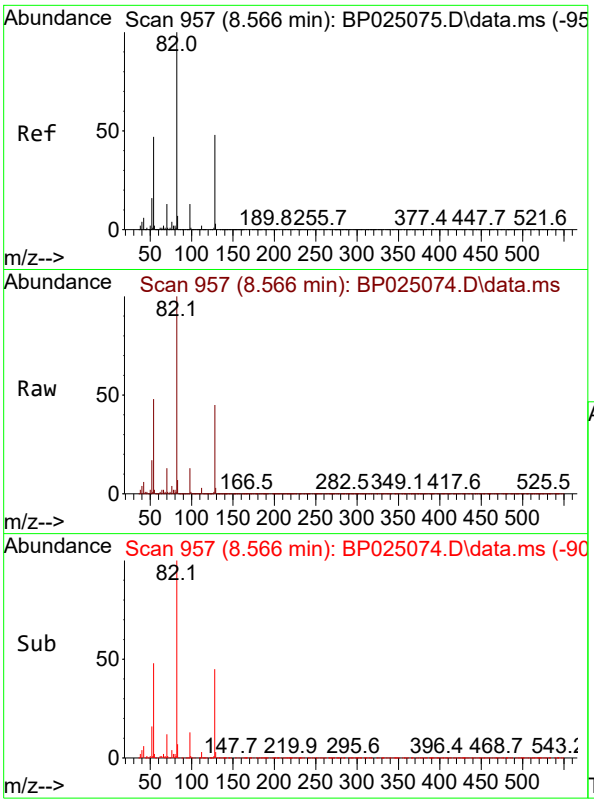


#22
Acetophenone
Concen: 21.234 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:105 Resp: 733244

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.4	8.2
51	24.6	19.6	29.4
120	23.0	18.8	28.2

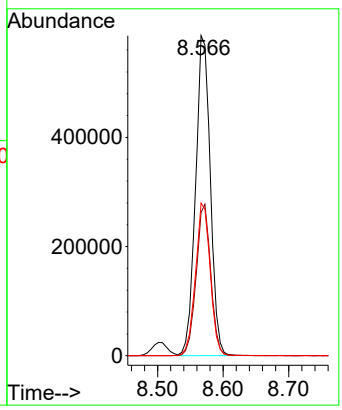




#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 82 Resp: 91803

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.4	57.6
54	47.7	37.8	56.6



Instrument :
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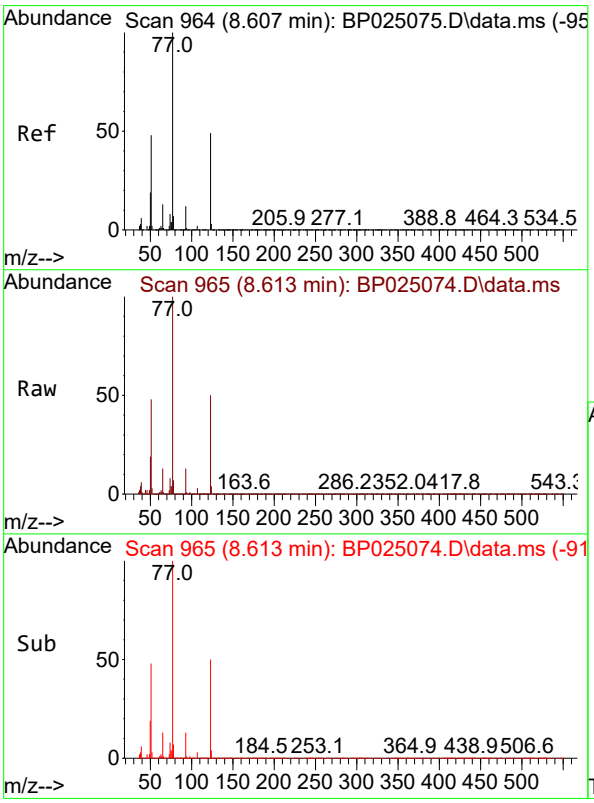
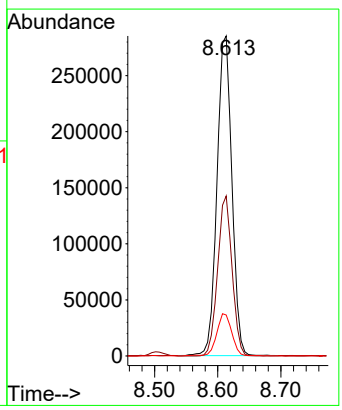
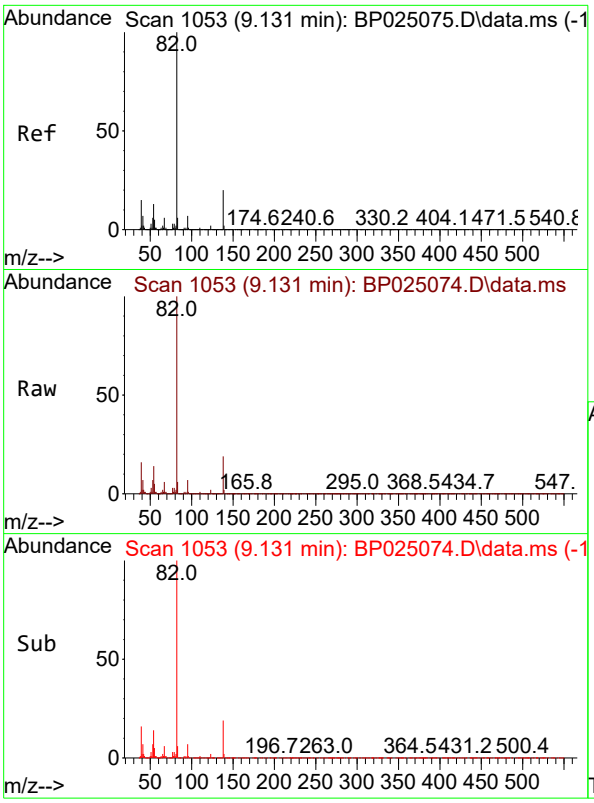


#24
Nitrobenzene
Concen: 20.834 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 465912

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.0	58.6
65	12.8	10.7	16.1

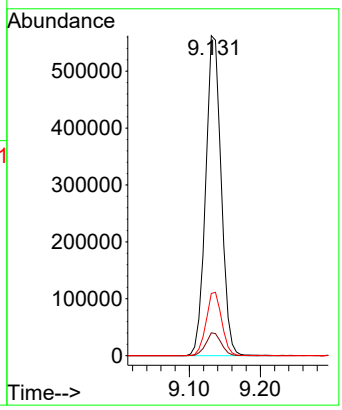




#25
Isophorone
Concen: 20.891 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 82 Resp: 85717

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.5	15.7	23.5



Instrument :
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ClientSampleId :
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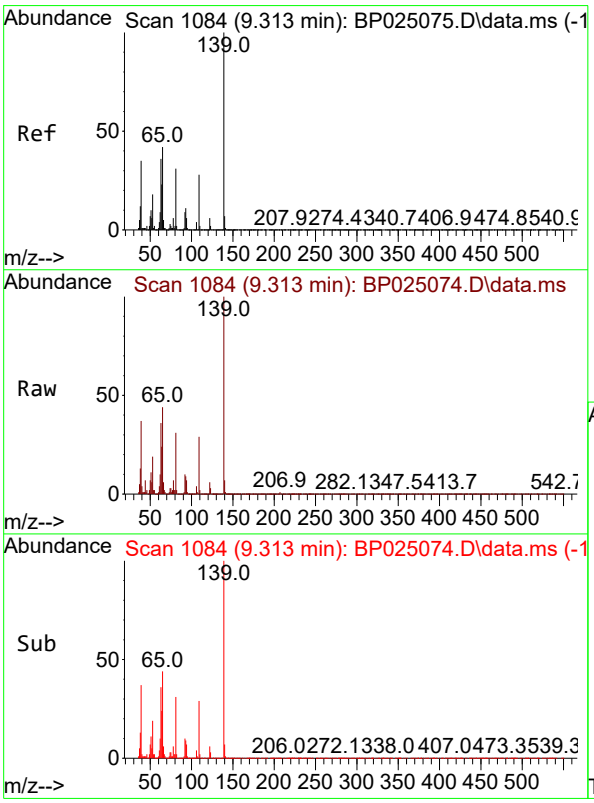
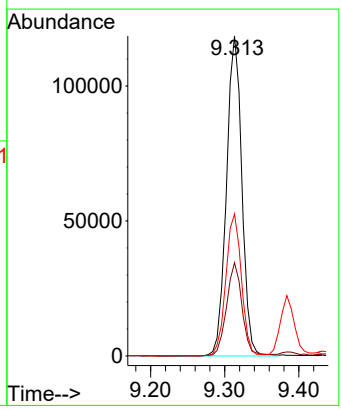
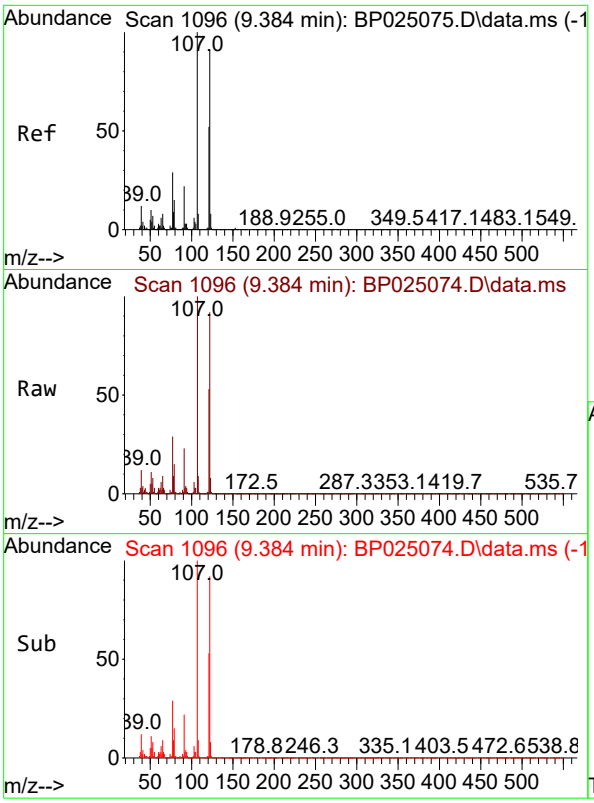


#26
2-Nitrophenol
Concen: 17.980 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 171063

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.3	33.5
65	44.4	33.8	50.8

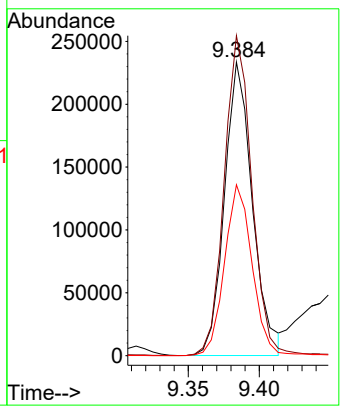




#27
2,4-Dimethylphenol
Concen: 20.834 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 31887

Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.2	132.2
121	58.2	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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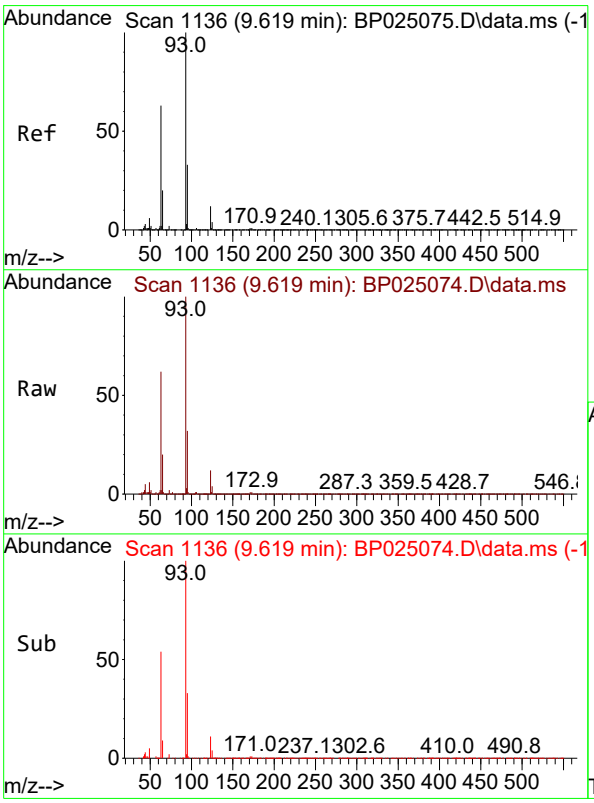
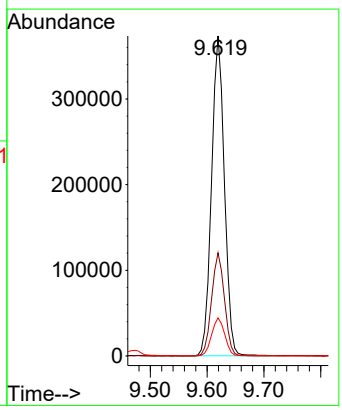
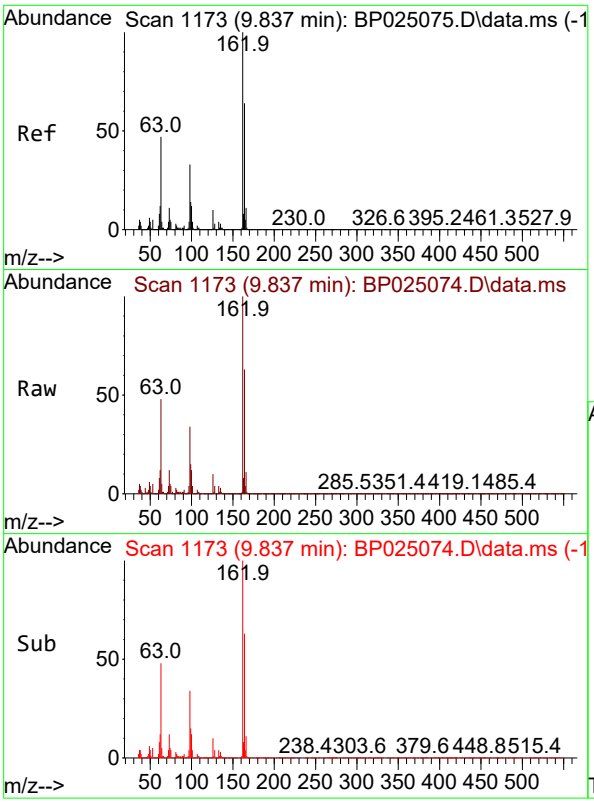


#28
bis(2-Chloroethoxy)methane
Concen: 21.009 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 585299

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 20.519 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:162 Resp: 43547

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	33.7	13.1	53.1

Instrument :
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ClientSampleId :
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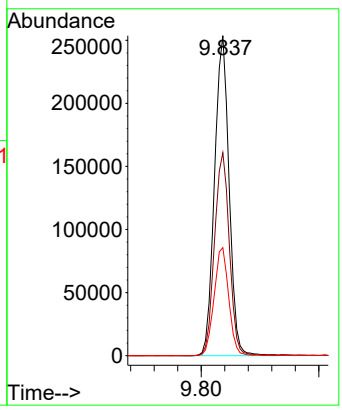
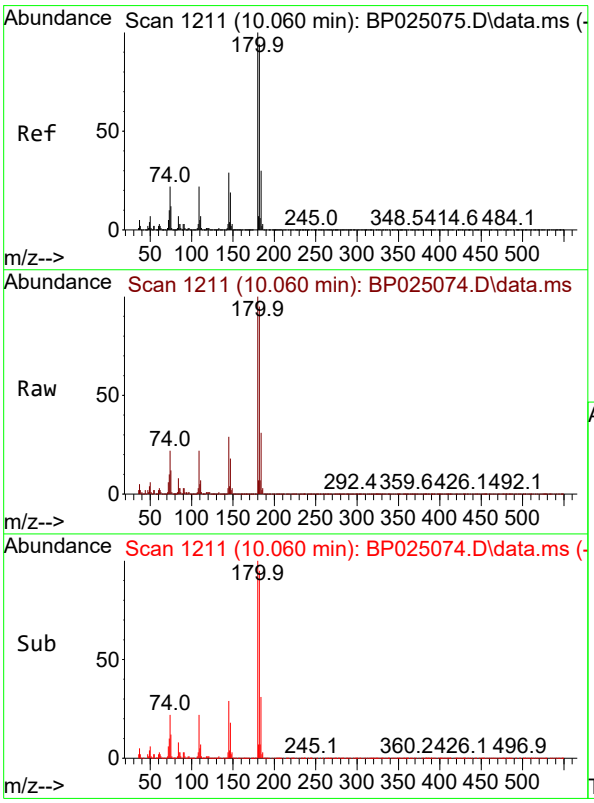
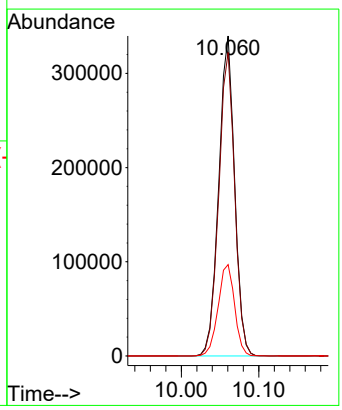


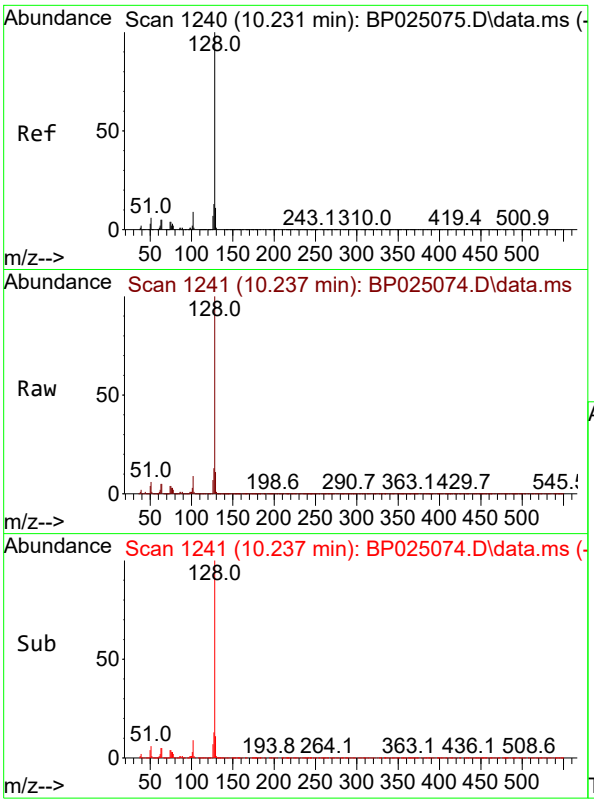


#30
1,2,4-Trichlorobenzene
Concen: 20.592 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:180 Resp: 483959

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	28.5	23.3	34.9

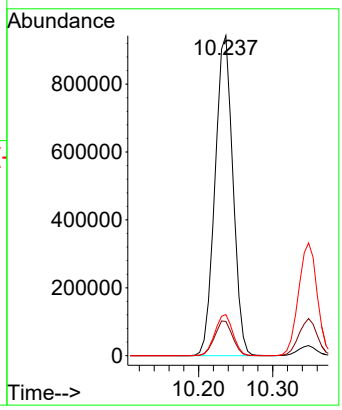




#31
Naphthalene
Concen: 20.993 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 157837

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.4	15.6



Instrument :
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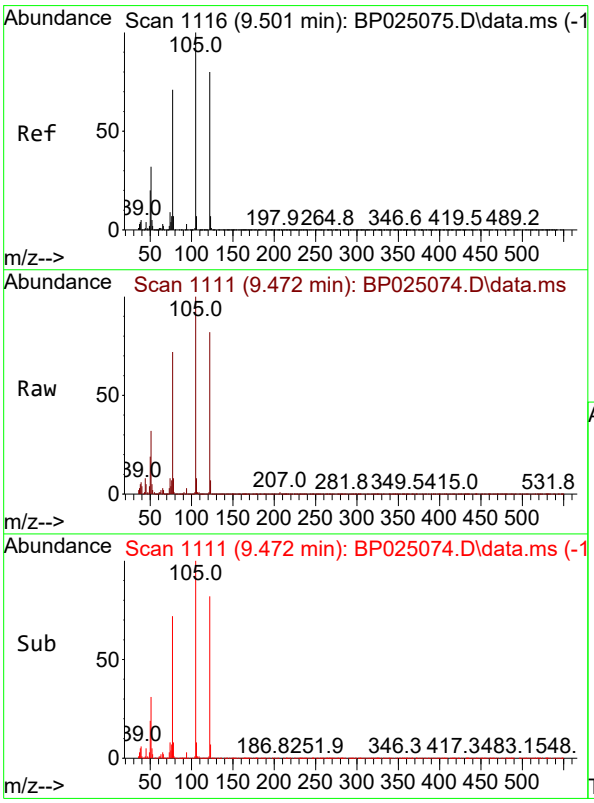
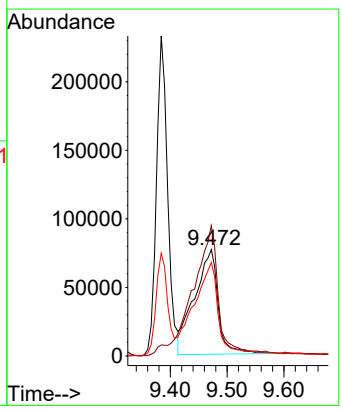
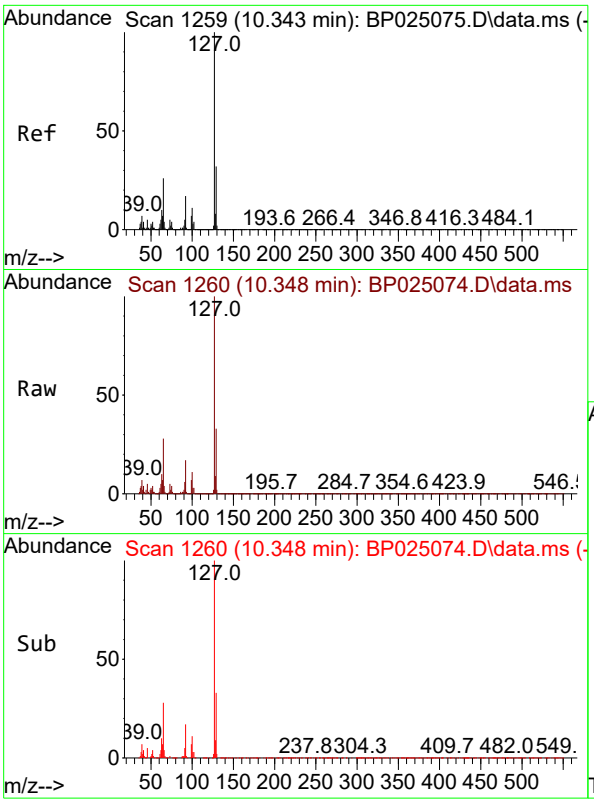


#32
Benzoic acid
Concen: 18.881 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 222091

Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.0	141.0
77	87.8	67.6	107.6

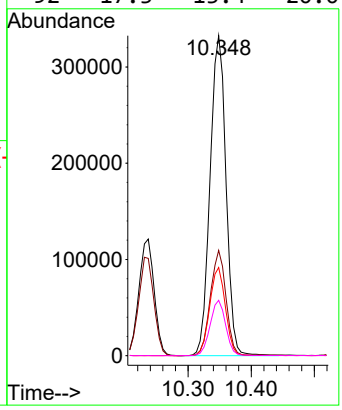




#33
4-Chloroaniline
Concen: 20.779 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:127 Resp: 58302

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	27.6	21.0	31.6
92	17.3	13.4	20.0



Instrument :
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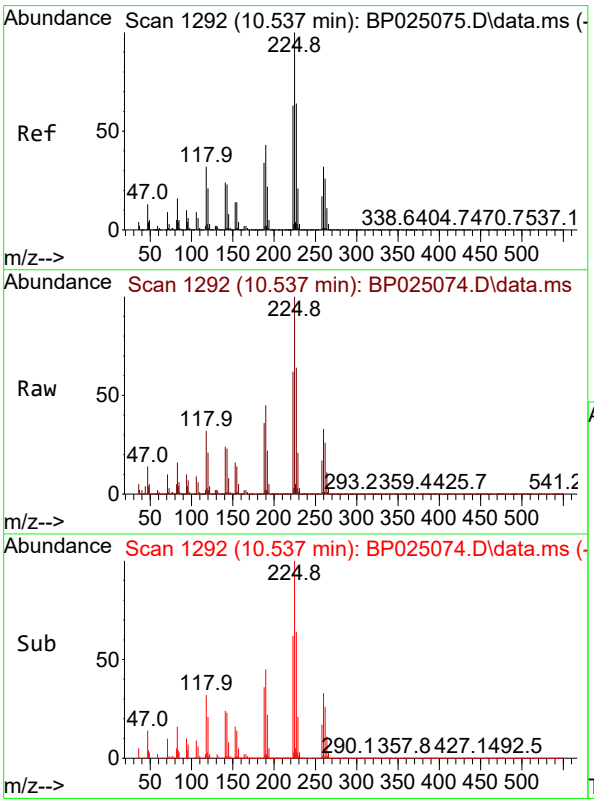
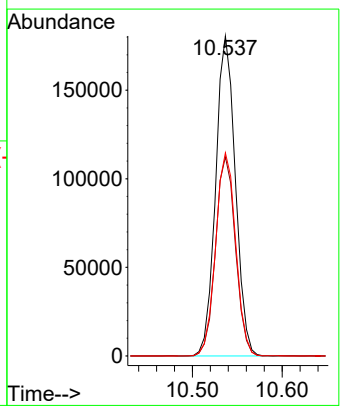
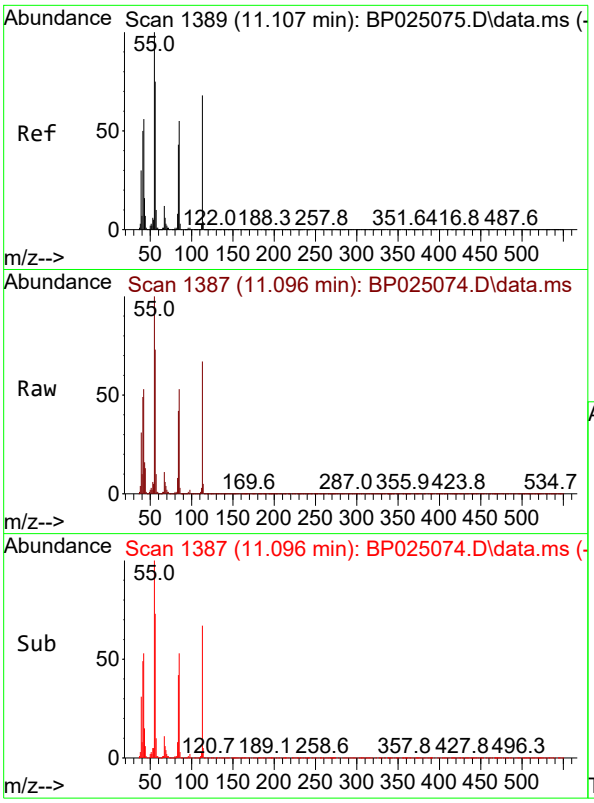


#34
Hexachlorobutadiene
Concen: 20.394 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:225 Resp: 275058

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.5	51.3	76.9

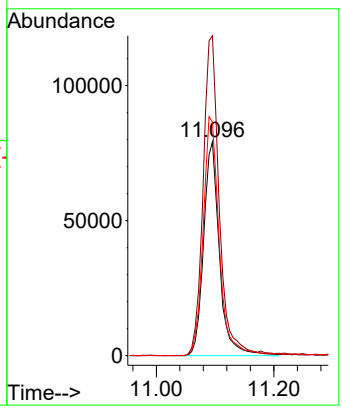




#35
Caprolactam
Concen: 20.394 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:113 Resp: 14806

Ion	Ratio	Lower	Upper
113	100		
55	149.7	128.1	168.1
56	109.2	90.7	130.7



Instrument :
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ClientSampleId :
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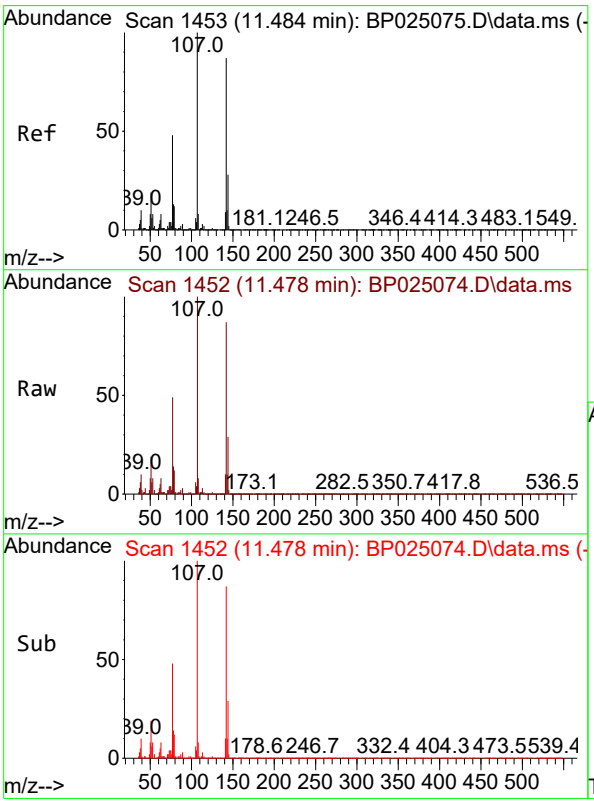
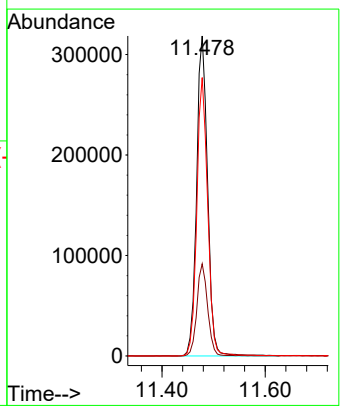
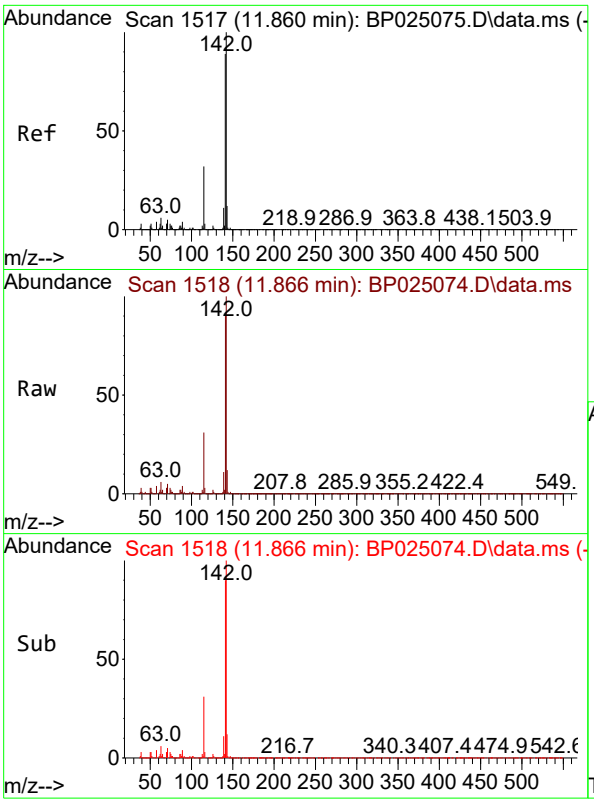


#36
4-Chloro-3-methylphenol
Concen: 21.146 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 468989

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.4	33.6
142	87.0	69.6	104.4

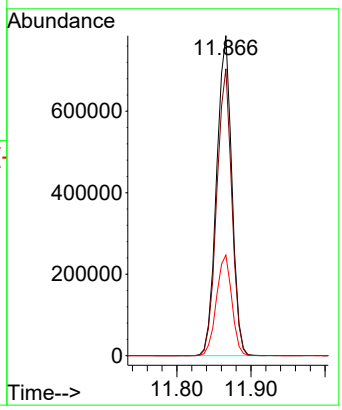




#37
2-Methylnaphthalene
Concen: 21.075 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 111802

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	31.5	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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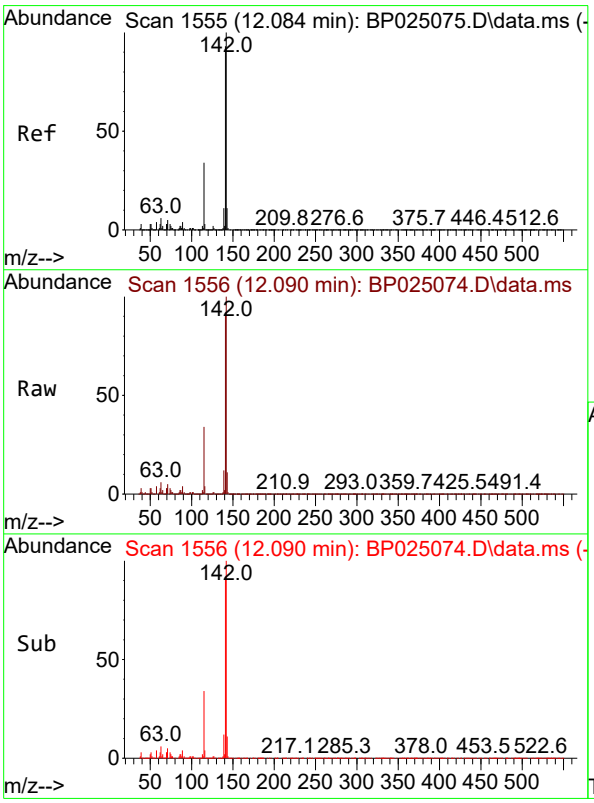
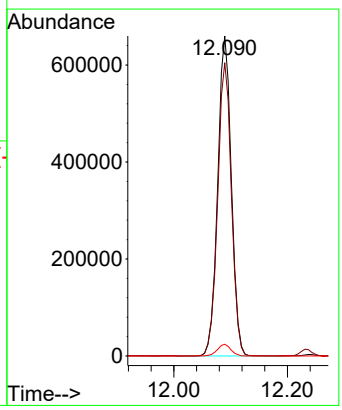
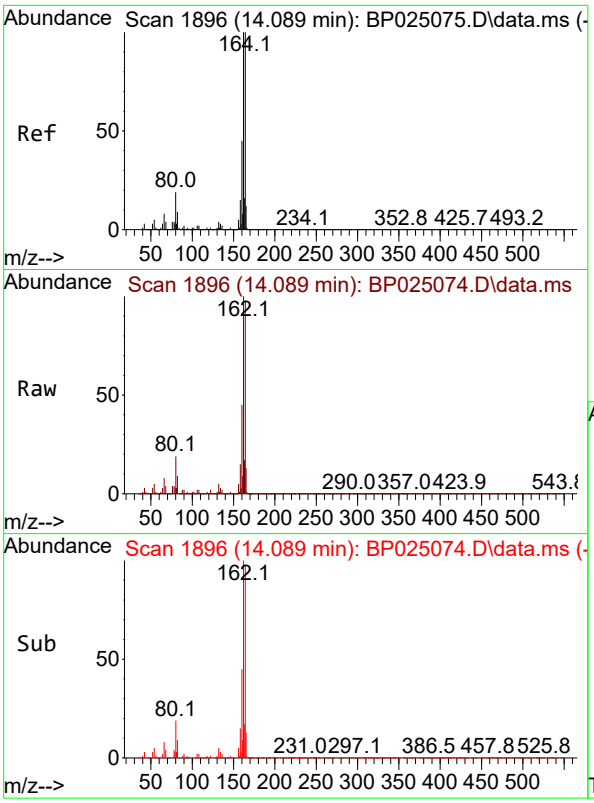


#38
1-Methylnaphthalene
Concen: 21.243 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 1099060

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.1	111.1
116	3.6	2.7	4.1

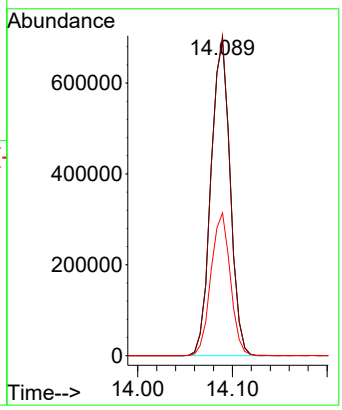




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:164 Resp: 97597

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.4	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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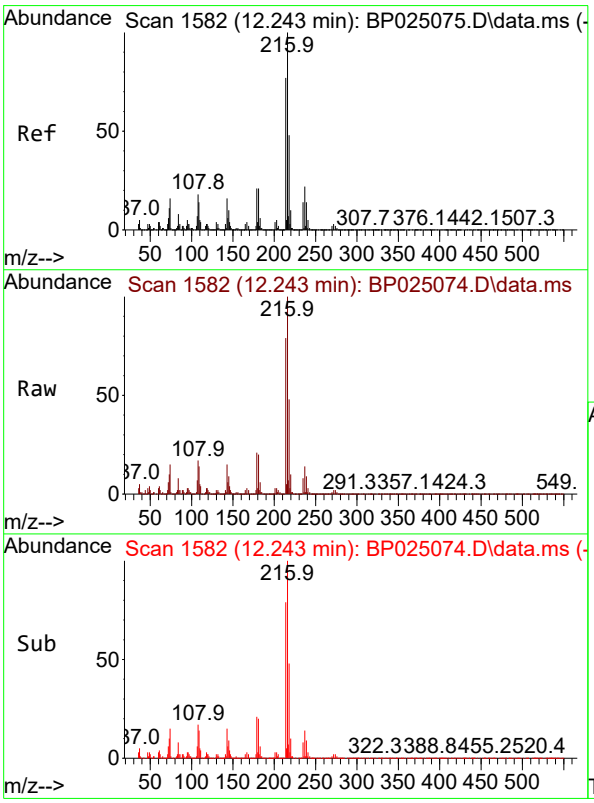
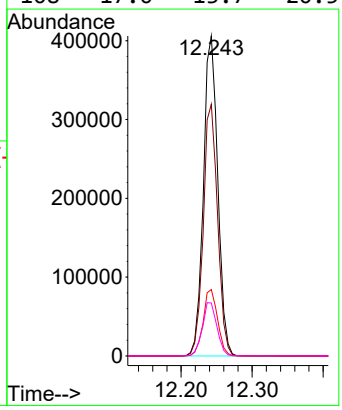
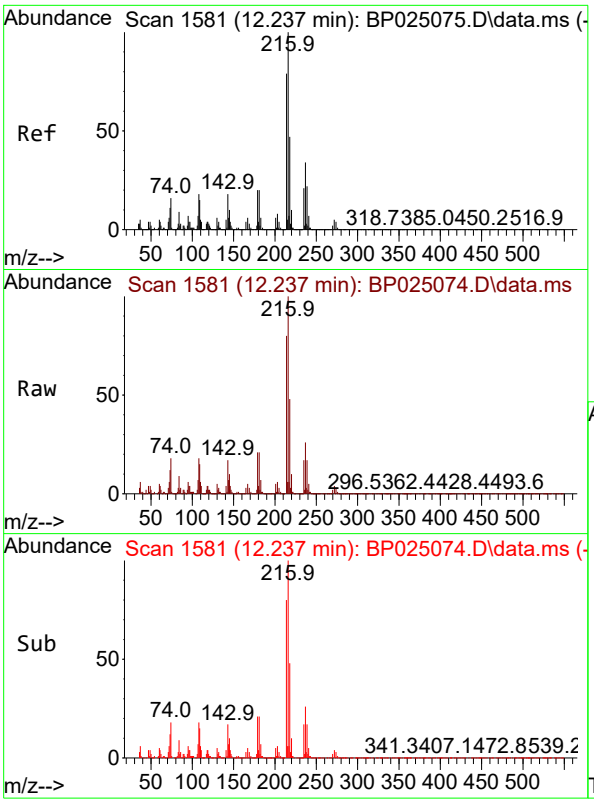


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.326 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:216 Resp: 570143

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.9	16.5	24.7
108	17.0	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 17.986 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 13177

Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.6	81.6
272	14.0	0.0	33.6

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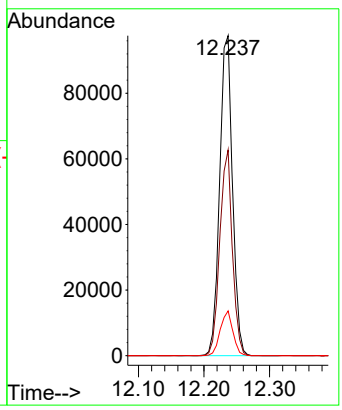
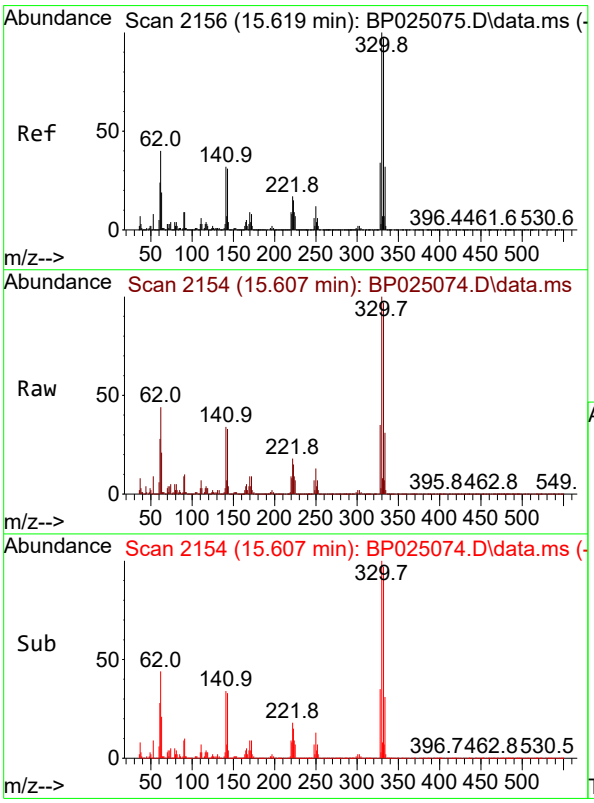
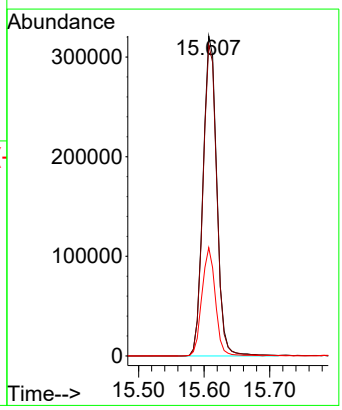


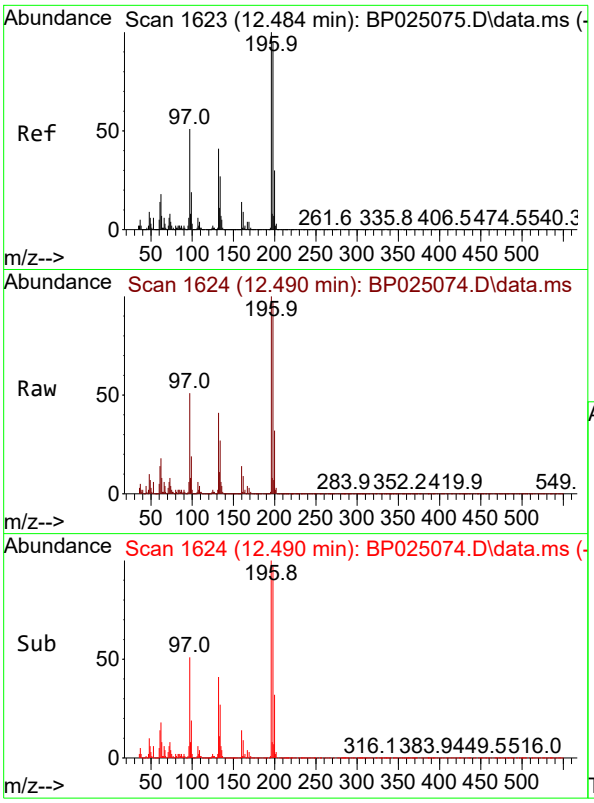


#42
2,4,6-Tribromophenol
Concen: 40.634 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:330 Resp: 468488

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	33.2	26.0	39.0

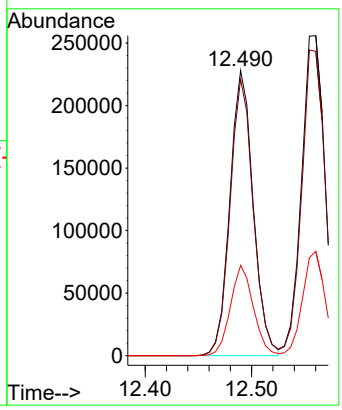




#43
2,4,6-Trichlorophenol
Concen: 20.418 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 34679

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.2
200	31.7	24.3	36.5



Instrument :
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ClientSampleId :
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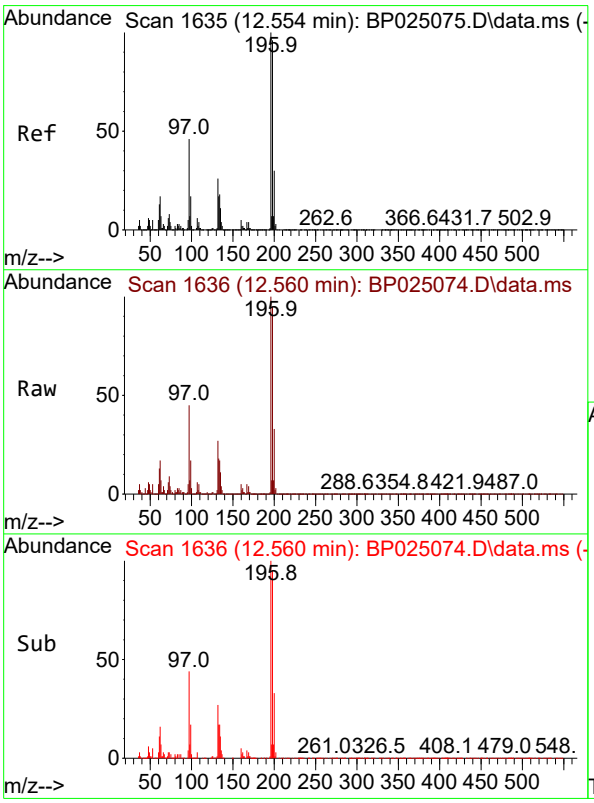
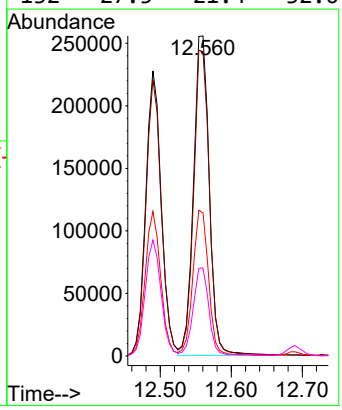
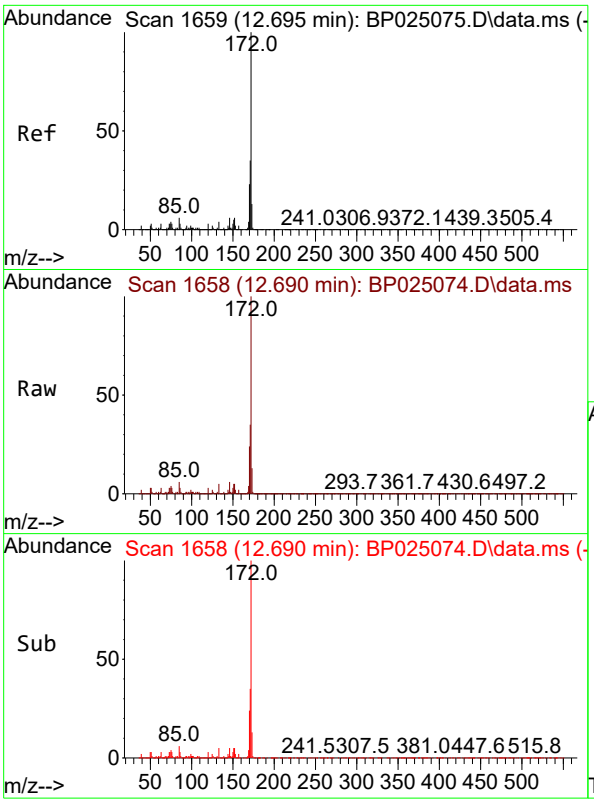


#44
2,4,5-Trichlorophenol
Concen: 20.566 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 395864

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
97	44.7	36.6	55.0
132	27.5	21.4	32.0

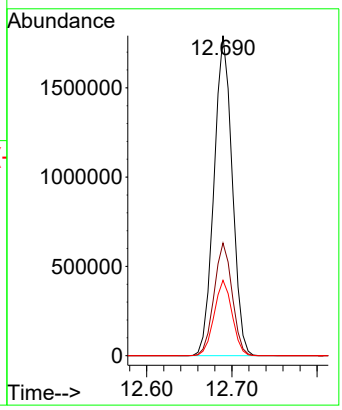




#45
2-Fluorobiphenyl
Concen: 42.179 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:172 Resp: 265728

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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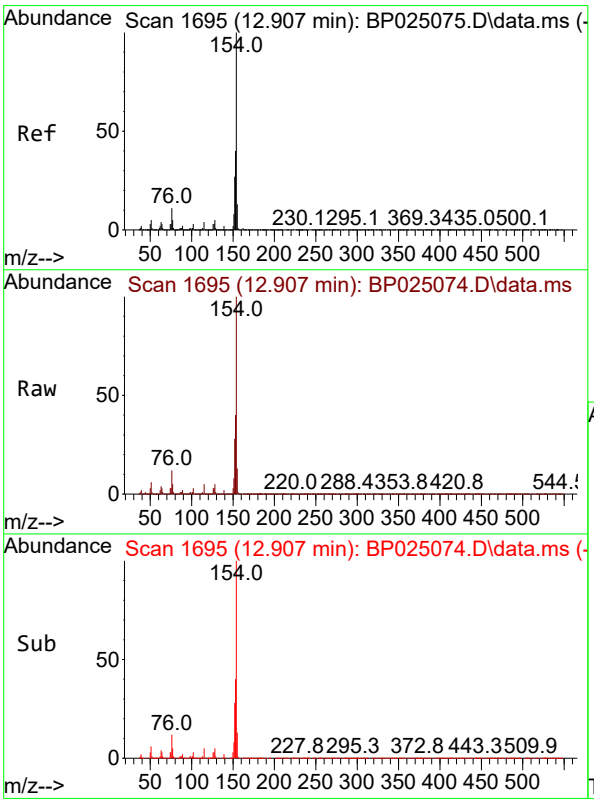
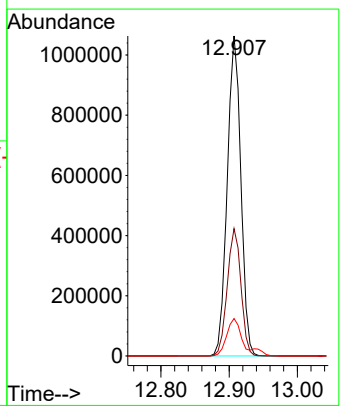
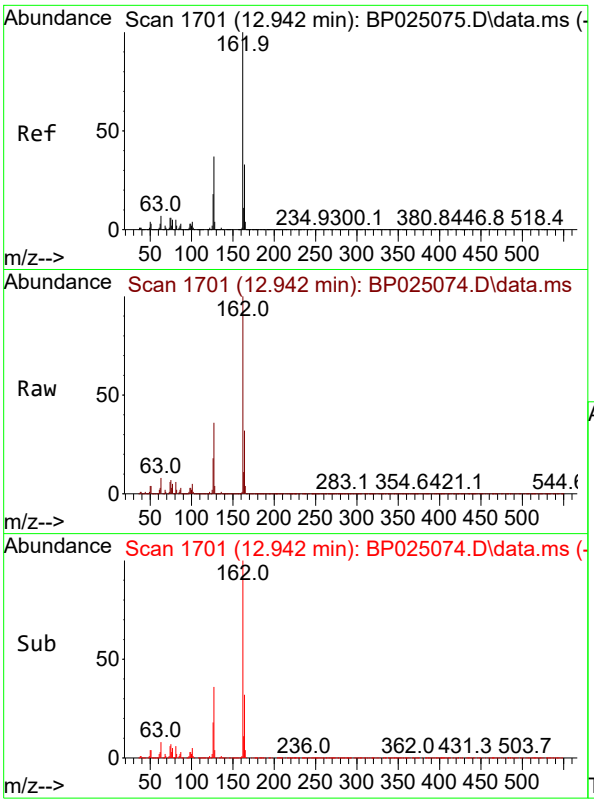


#46
1,1'-Biphenyl
Concen: 20.751 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1473578

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	11.7	0.0	31.5

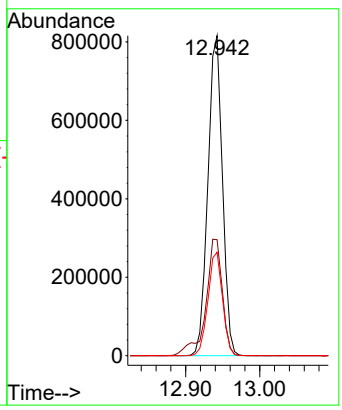




#47
2-Chloronaphthalene
Concen: 20.865 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:162 Resp: 111359

Ion	Ratio	Lower	Upper
162	100		
127	36.2	29.4	44.2
164	32.4	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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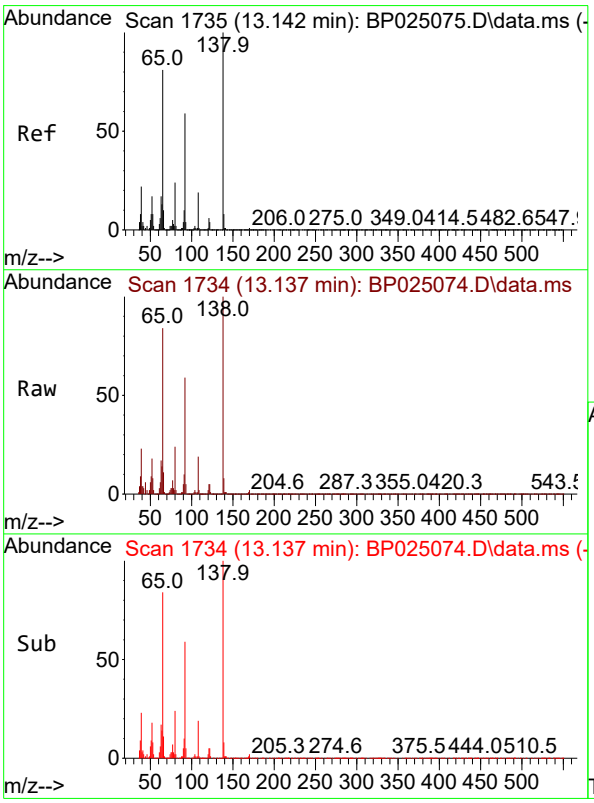
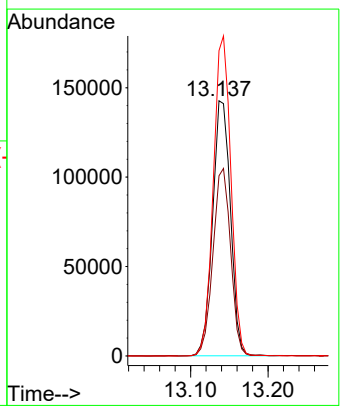
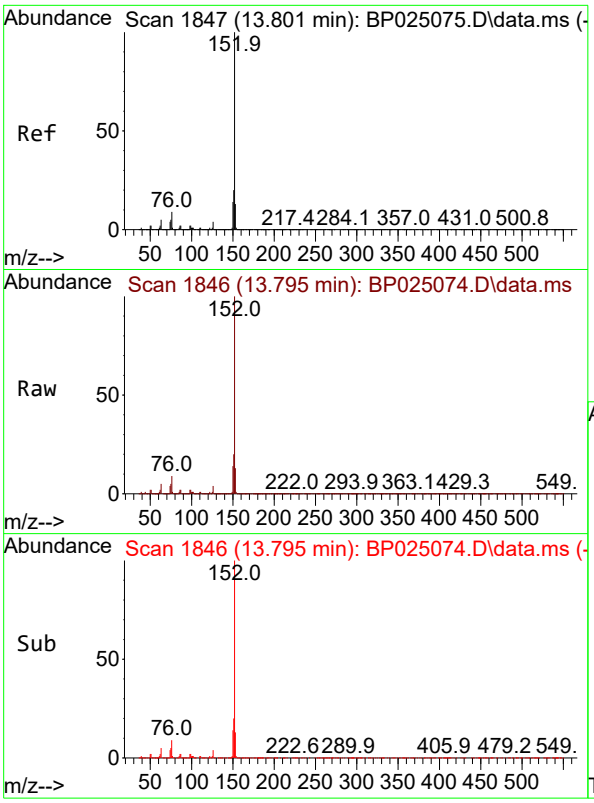


#48
2-Nitroaniline
Concen: 19.268 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 65 Resp: 228962

Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.7	88.1
138	119.6	99.0	148.4

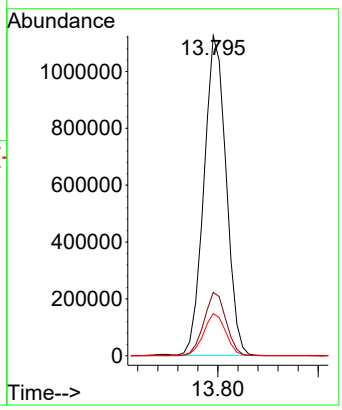




#49
Acenaphthylene
Concen: 21.159 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:152 Resp: 172841

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1



Instrument :
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ClientSampleId :
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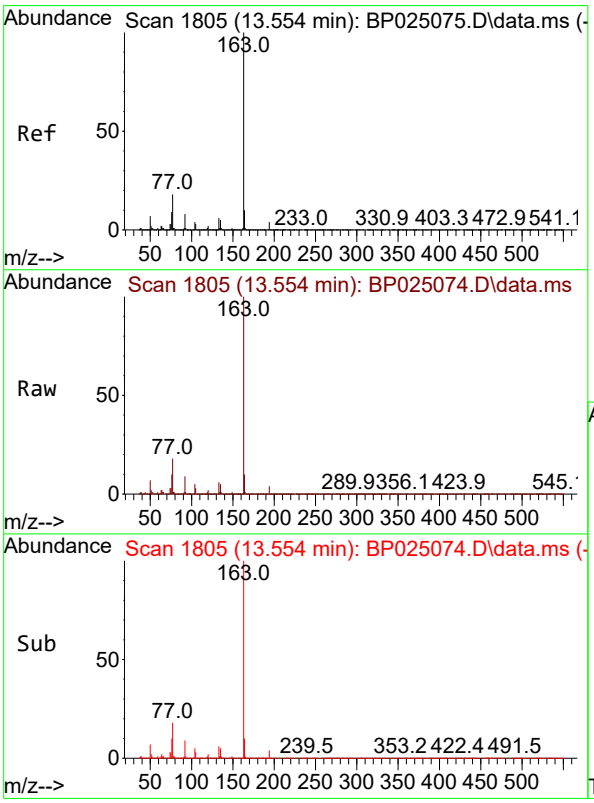
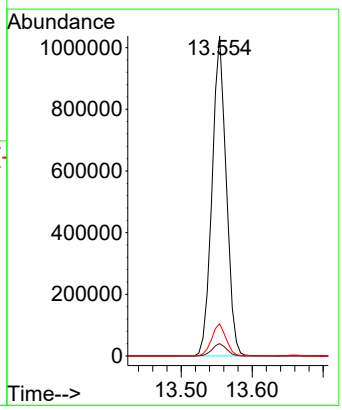
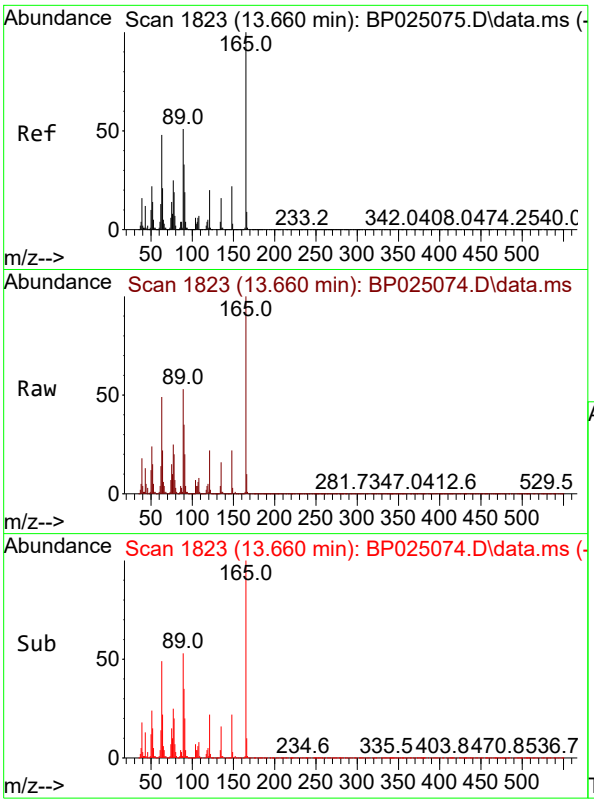


#50
Dimethylphthalate
Concen: 20.991 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:163 Resp: 1434045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 20.592 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:165 Resp: 27437

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.5	57.7
89	53.1	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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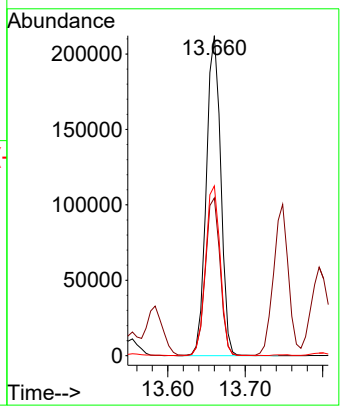
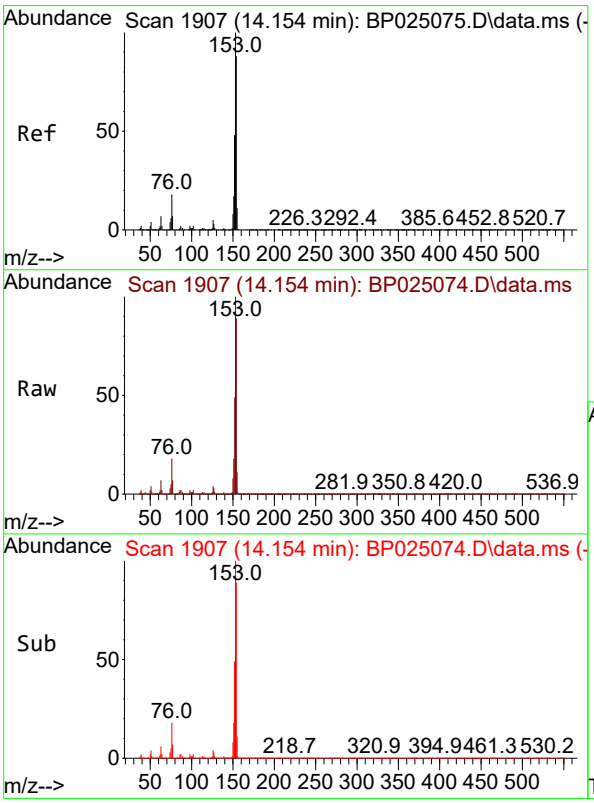
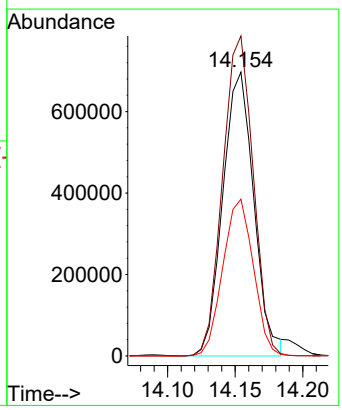


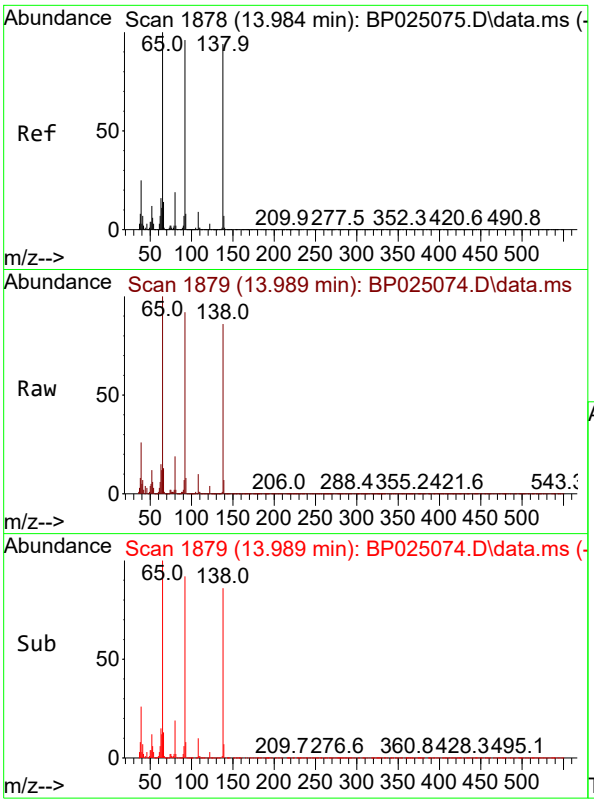


#52
Acenaphthene
Concen: 21.170 ng m
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1114579

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	55.2	43.8	65.8

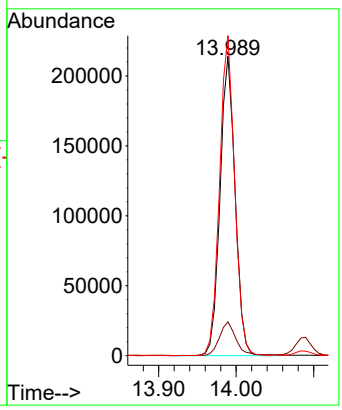




#53
3-Nitroaniline
Concen: 20.320 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 29016

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.8
92	106.9	81.0	121.4



Instrument :
BNA_P
ClientSampleId :
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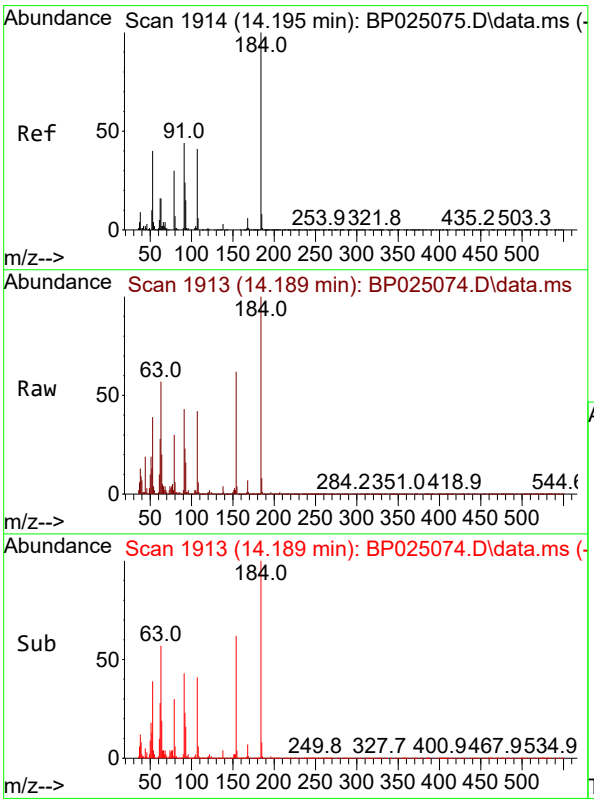
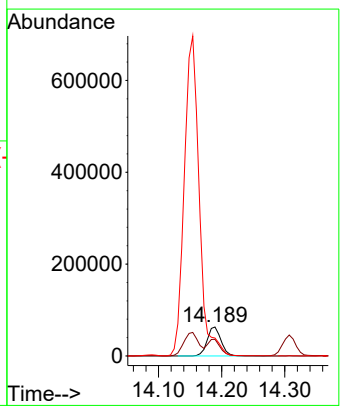
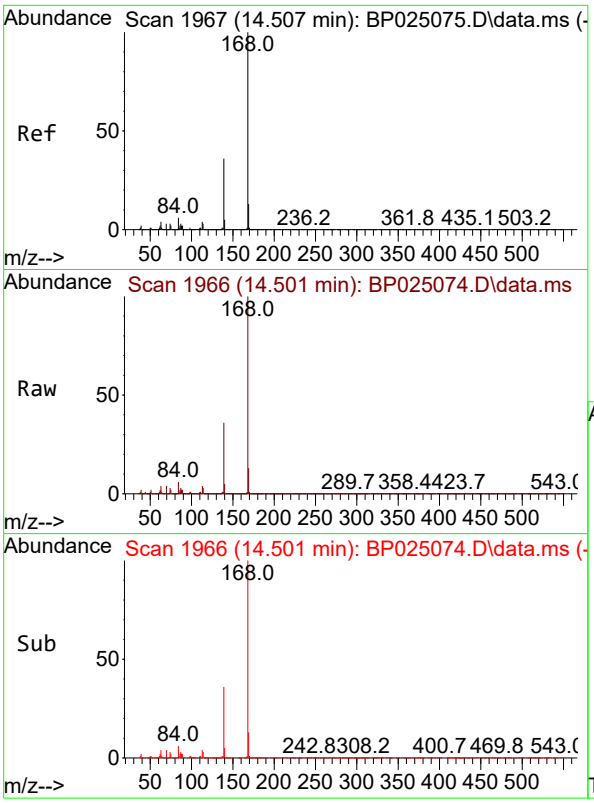


#54
2,4-Dinitrophenol
Concen: 19.115 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 95858

Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.4	71.0
154	61.9	47.8	71.8

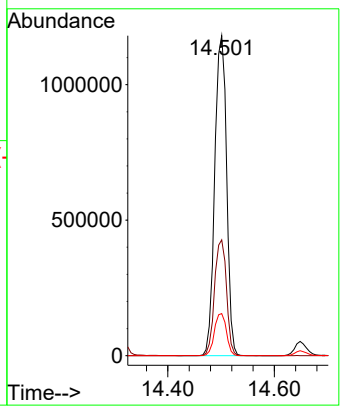




#55
Dibenzofuran
Concen: 20.961 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:168 Resp: 182129

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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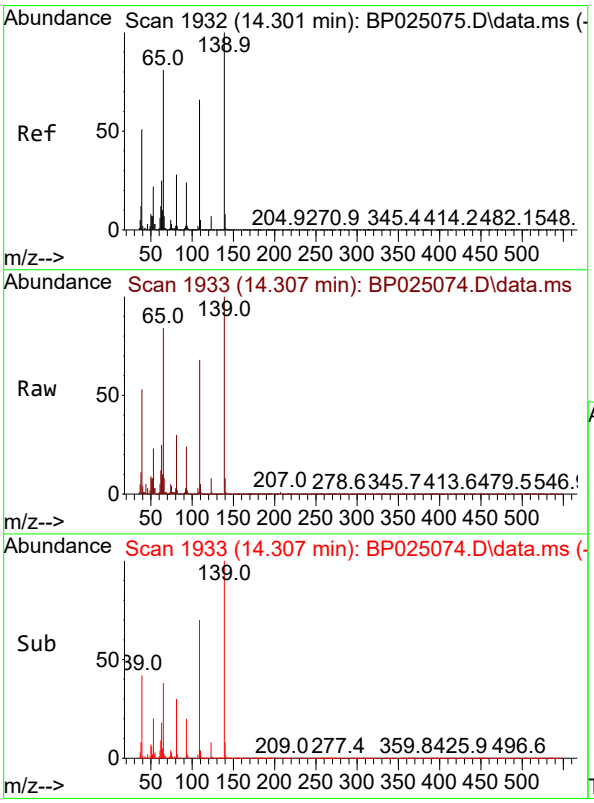
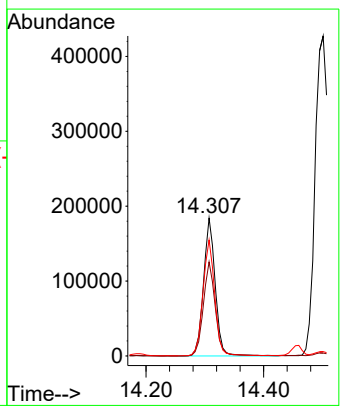
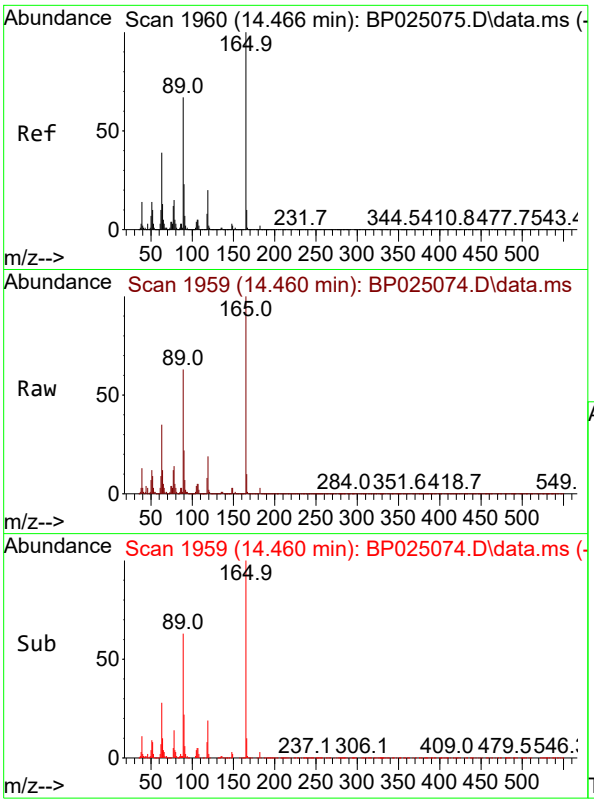


#56
4-Nitrophenol
Concen: 19.230 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 253402

Ion	Ratio	Lower	Upper
139	100		
109	68.2	45.9	85.9
65	84.0	61.4	101.4

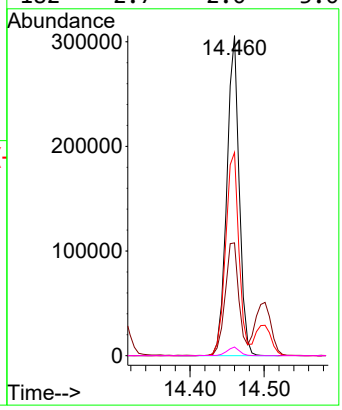




#57
2,4-Dinitrotoluene
Concen: 19.783 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:165 Resp: 35478

Ion	Ratio	Lower	Upper
165	100		
63	35.3	31.0	46.4
89	63.5	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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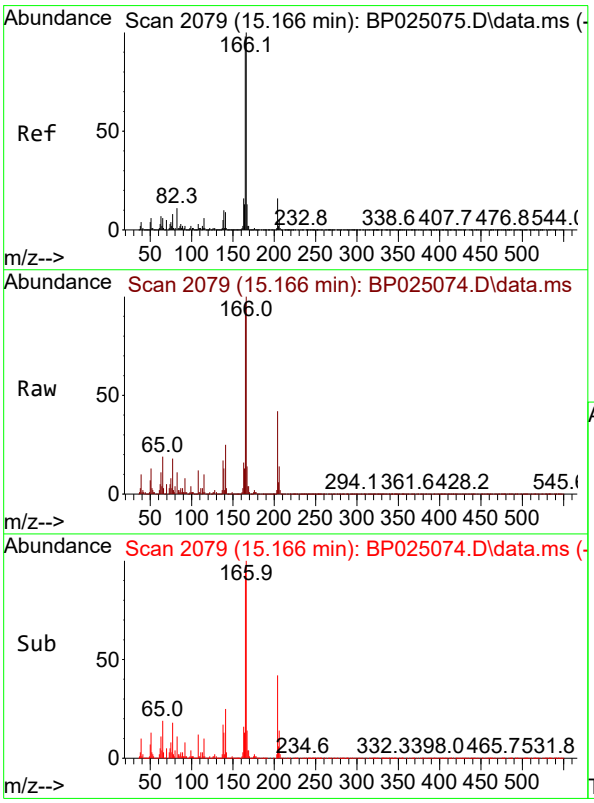
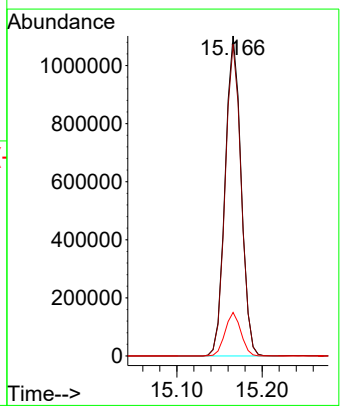
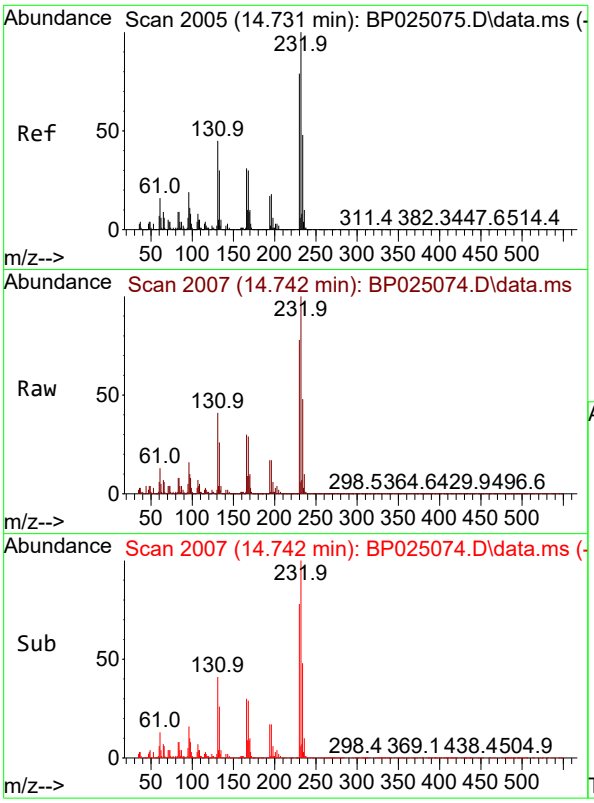


#58
Fluorene
Concen: 21.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:166 Resp: 1431605

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.6	10.7	16.1

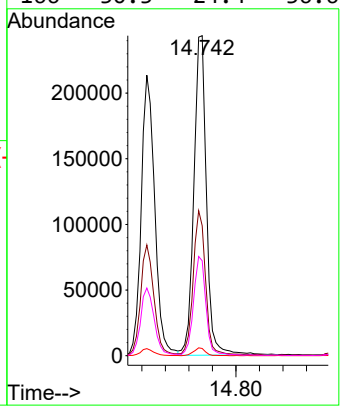




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.726 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:232 Resp: 36125

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.3	1.8	2.6
166	30.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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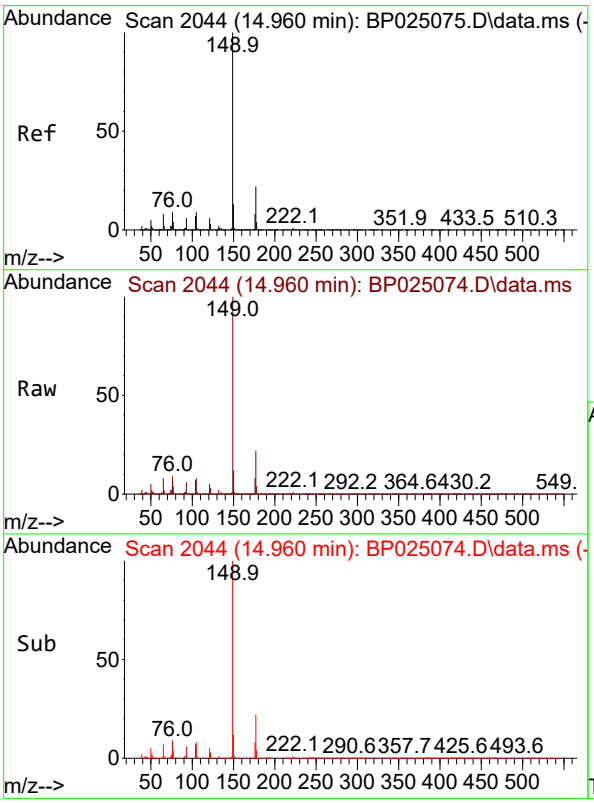
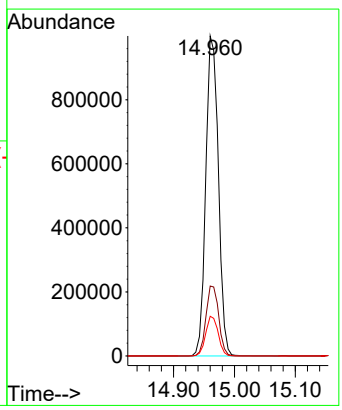
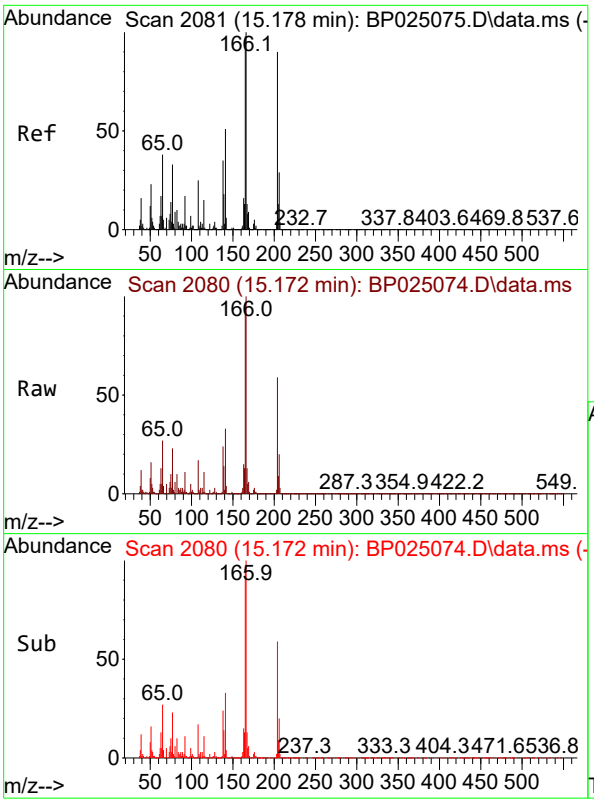


#60
Diethylphthalate
Concen: 20.887 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1433207

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.4	10.2	15.2

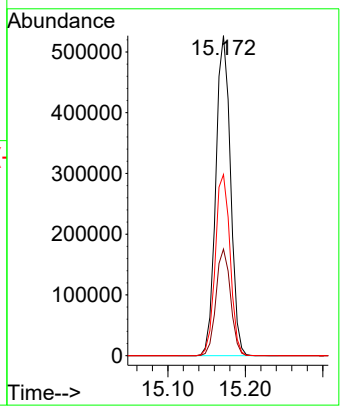




#61
4-Chlorophenyl-phenylether
Concen: 20.828 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:204 Resp: 69272

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.6	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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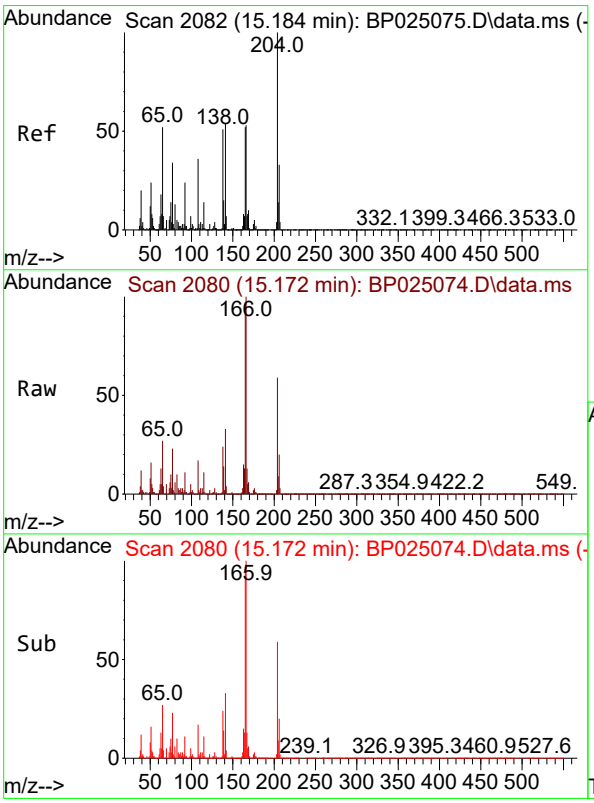
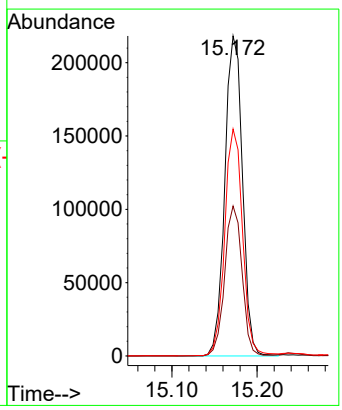
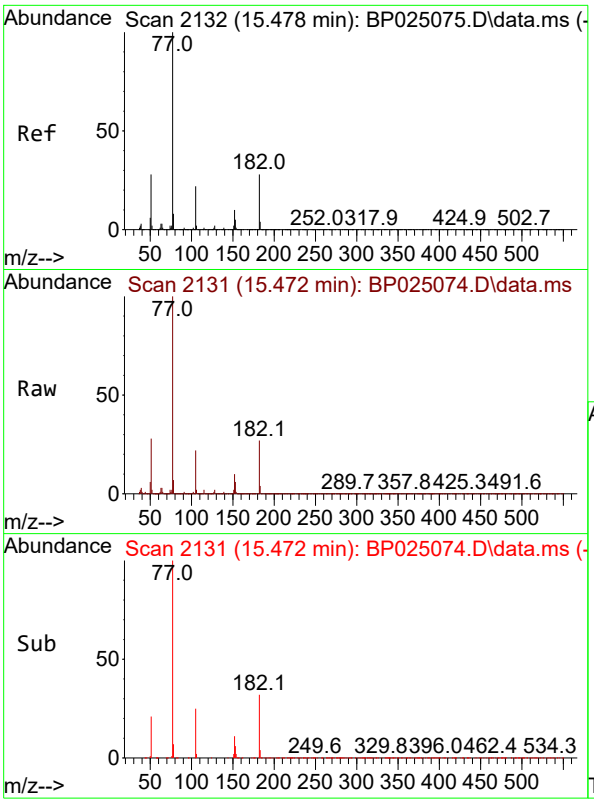


#62
4-Nitroaniline
Concen: 20.933 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 313433

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.9	50.0	90.0

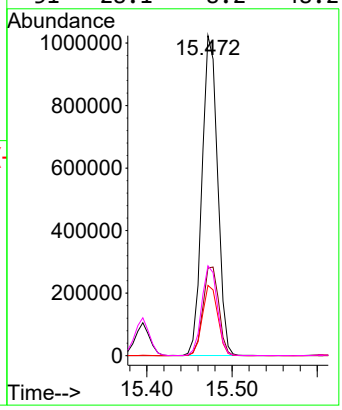




#63
Azobenzene
Concen: 21.209 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 129593

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.7	47.7
105	21.9	1.9	41.9
51	28.1	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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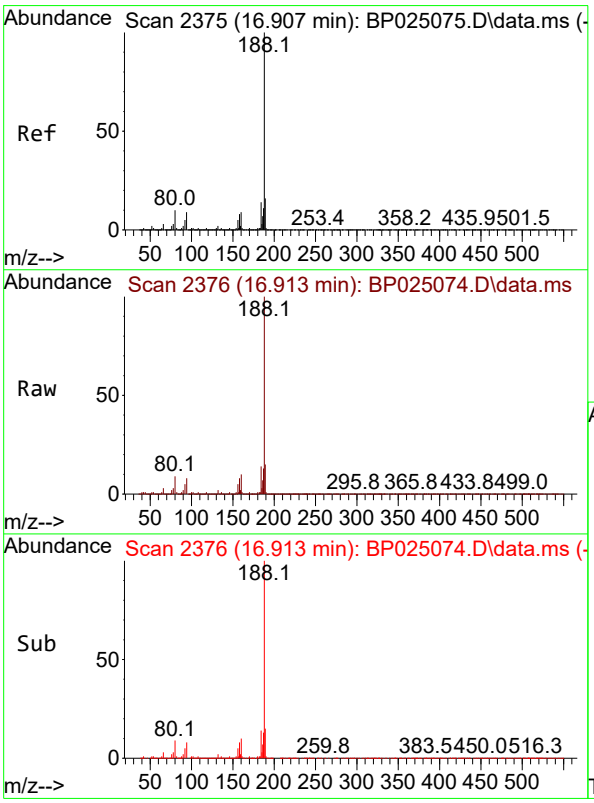
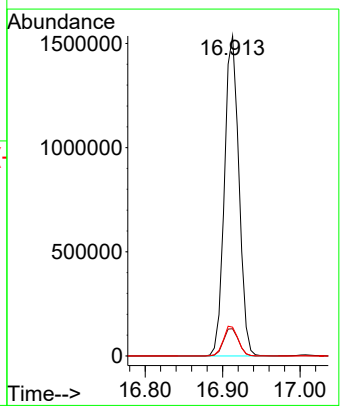
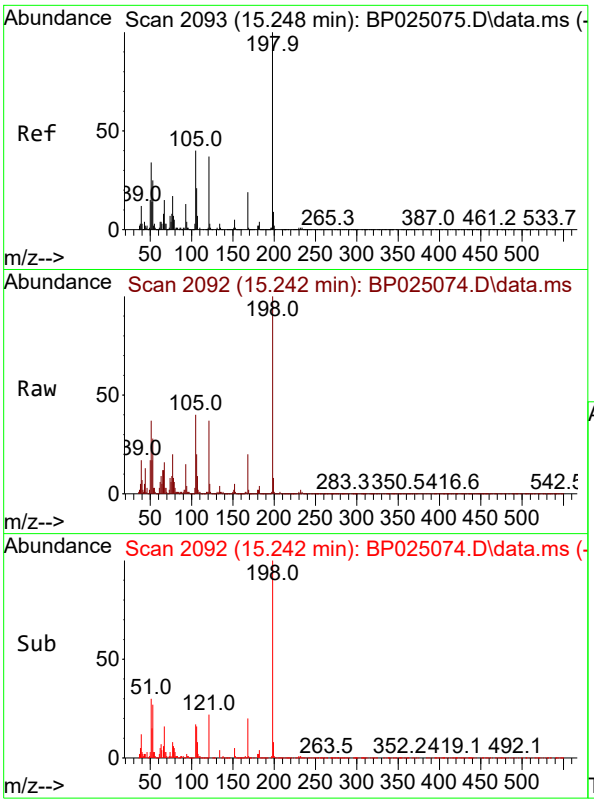


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:188 Resp: 1992018

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 19.064 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:198 Resp: 13831

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.9	20.8	60.8

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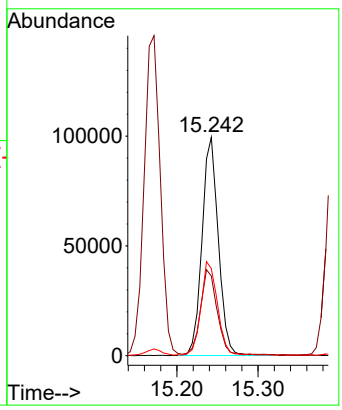
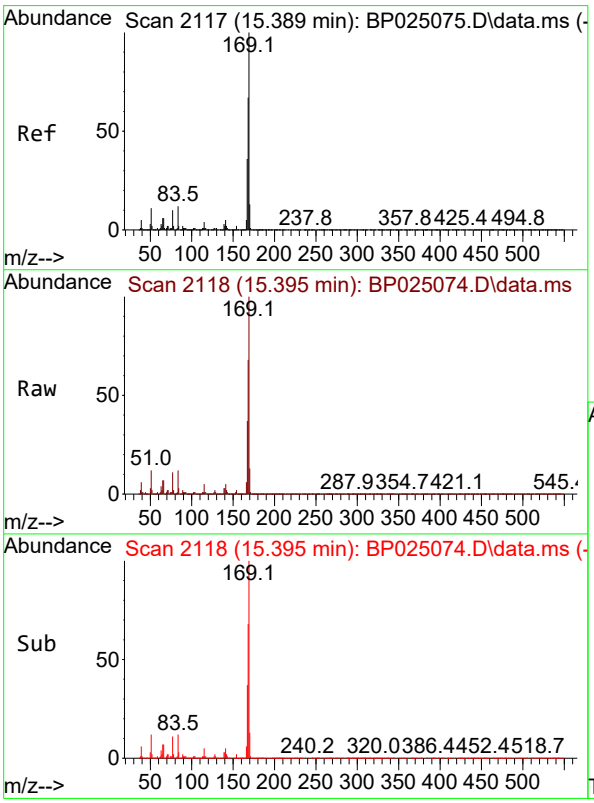
Supervised By :Jagrut Upadhyay 07/07/2025

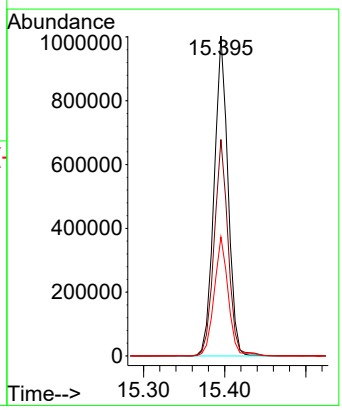


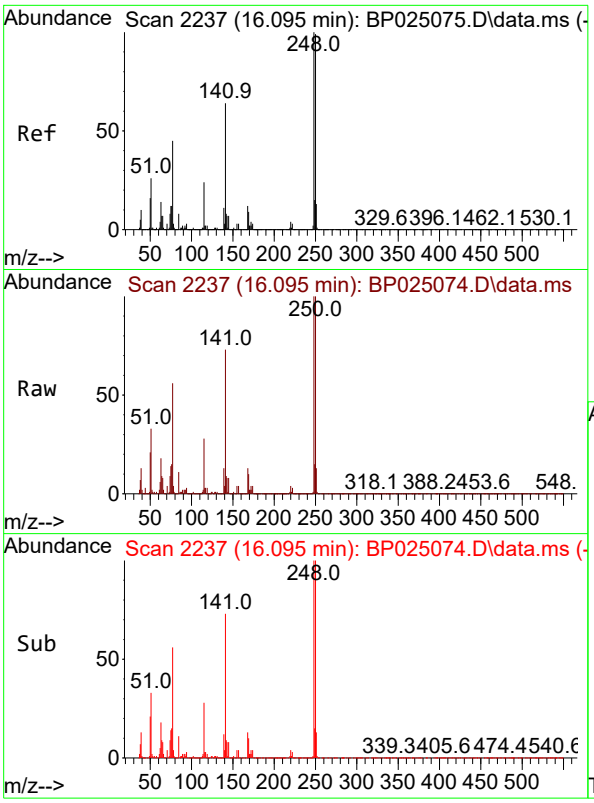


#66
n-Nitrosodiphenylamine
Concen: 20.872 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:169 Resp: 1189868

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	37.2	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 20.847 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:248 Resp: 42519

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.4	119.2
141	73.5	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
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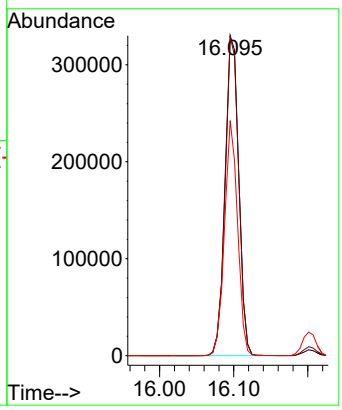
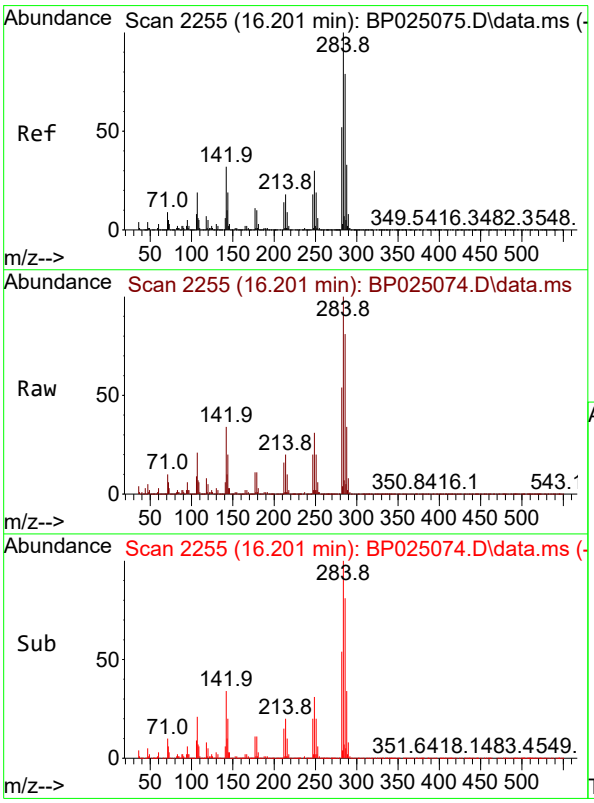
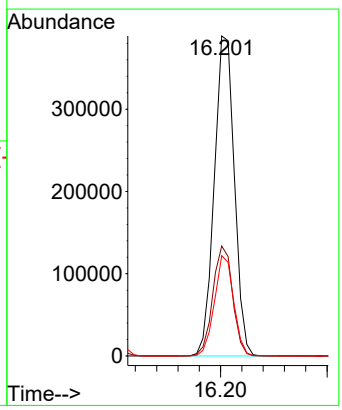


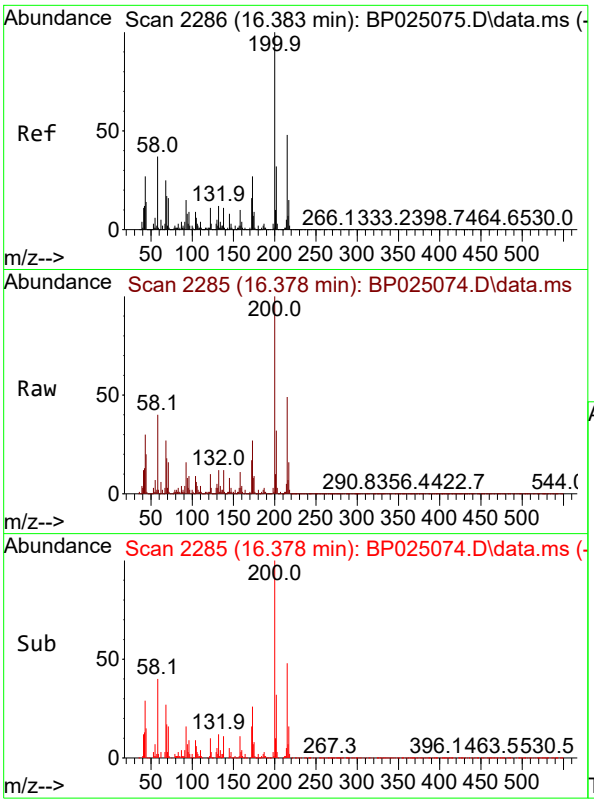


#68
Hexachlorobenzene
Concen: 20.375 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:284 Resp: 507935

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.9	38.9
249	31.4	23.8	35.8

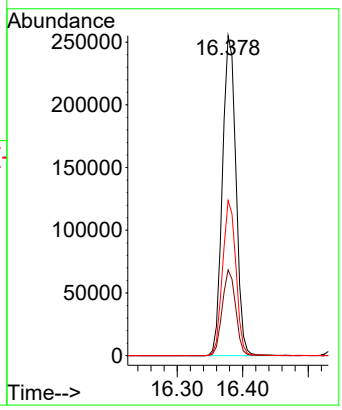




#69
Atrazine
Concen: 21.787 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:200 Resp: 36396

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.5	28.0	68.0



Instrument :
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ClientSampleId :
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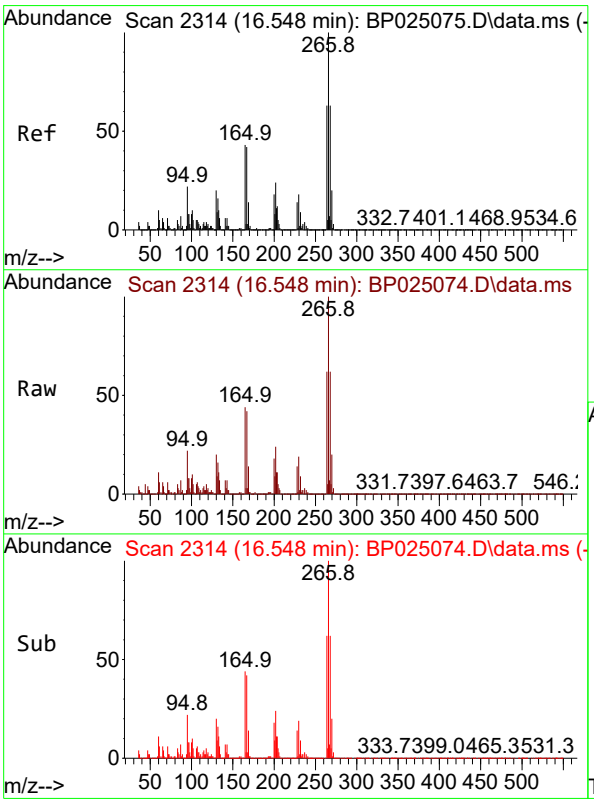
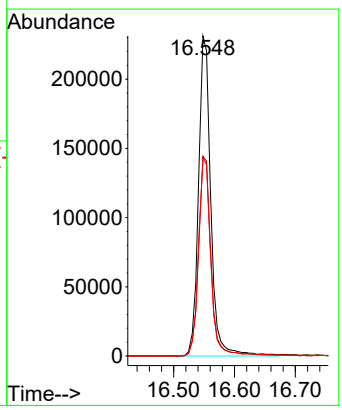
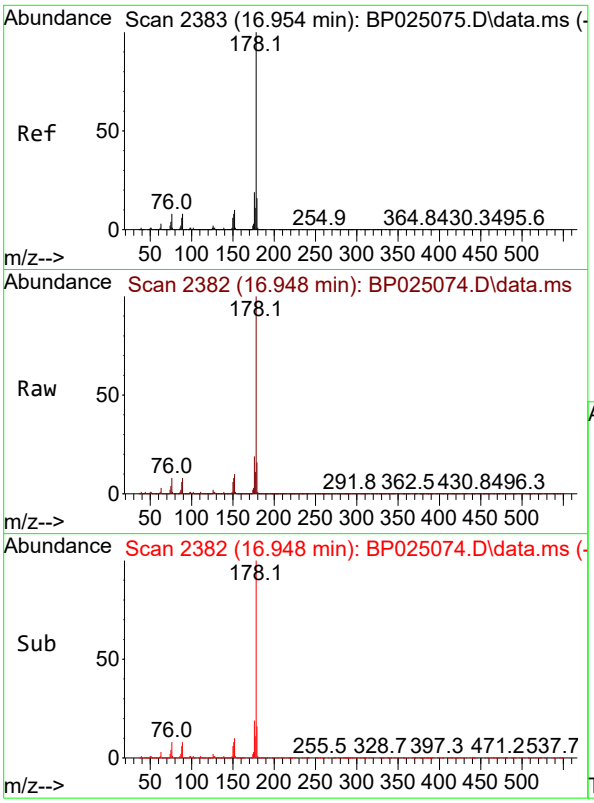


#70
Pentachlorophenol
Concen: 19.277 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:266 Resp: 324553

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.4	75.6
264	61.9	50.2	75.2

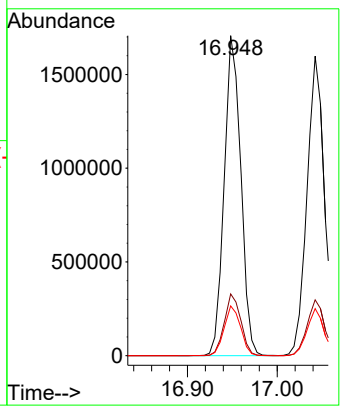




#71
Phenanthrene
Concen: 20.658 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 219884

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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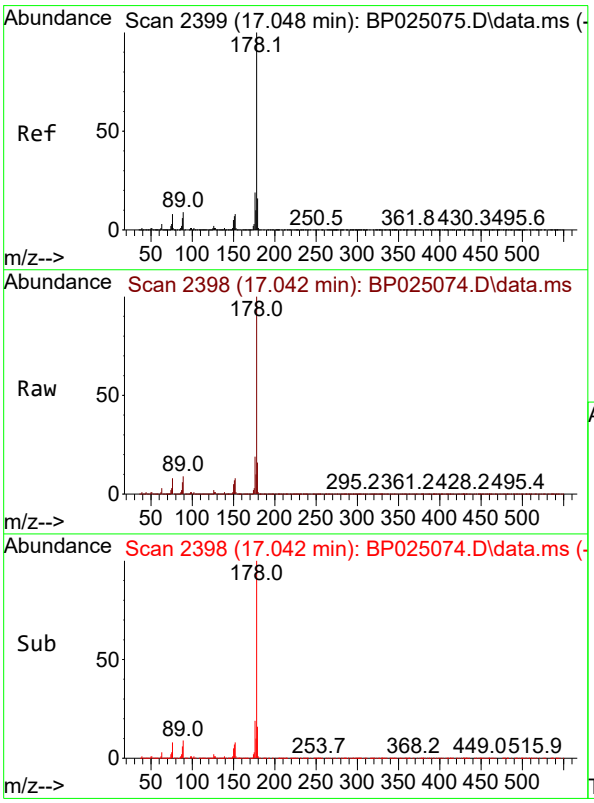
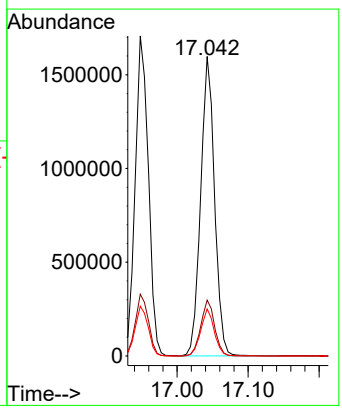
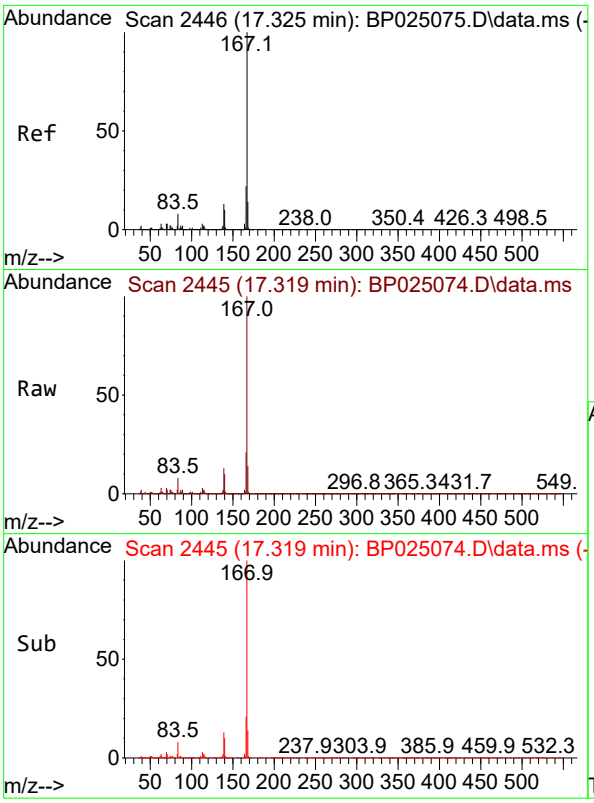


#72
Anthracene
Concen: 21.311 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 2176257

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.7	12.5	18.7





#73
Carbazole
Concen: 21.092 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:167 Resp: 210595

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.0	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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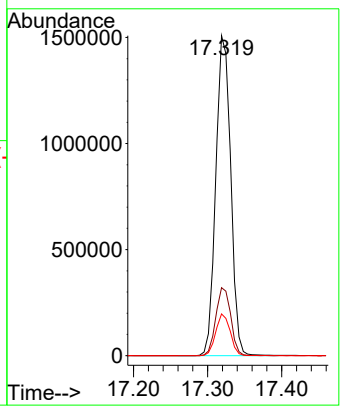
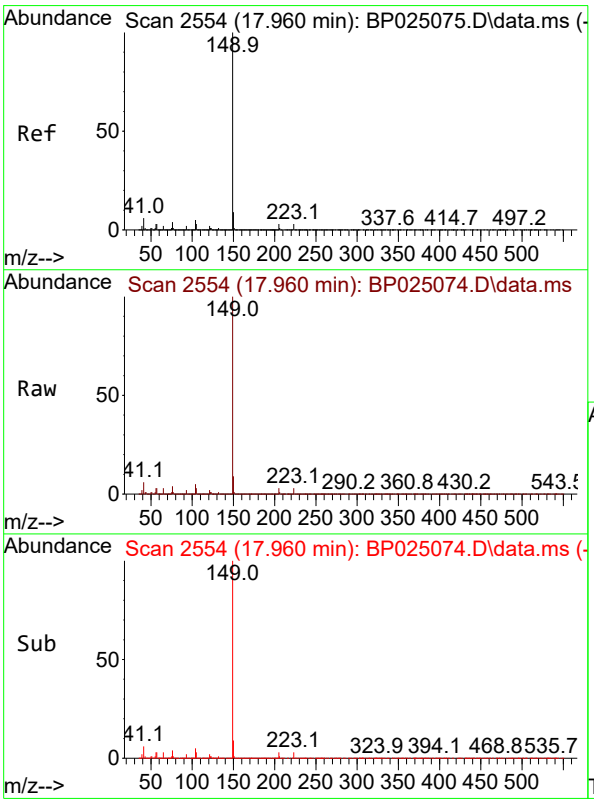
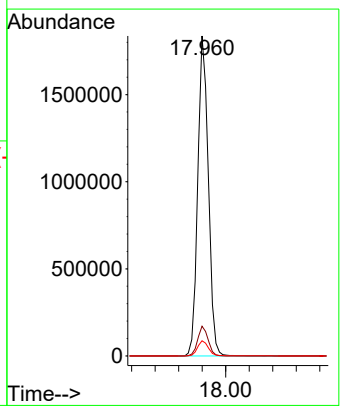


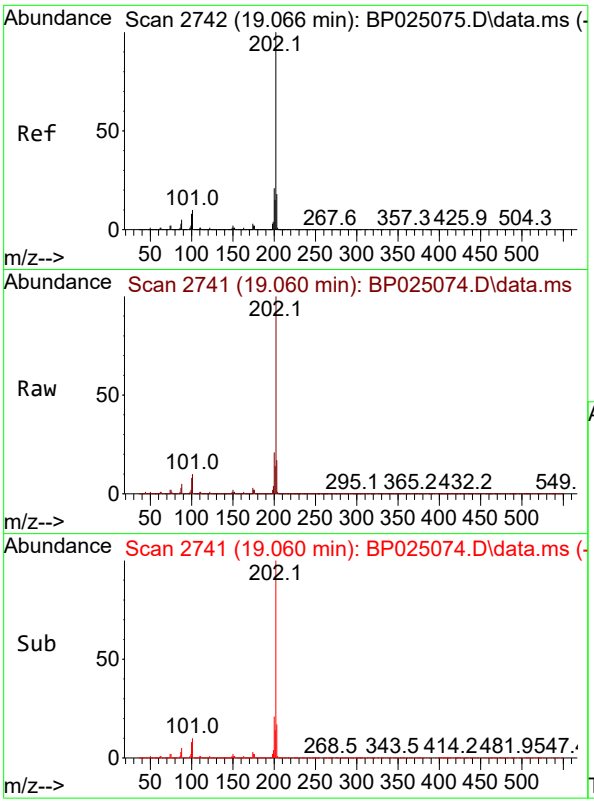


#74
Di-n-butylphthalate
Concen: 20.548 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 2284685

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6

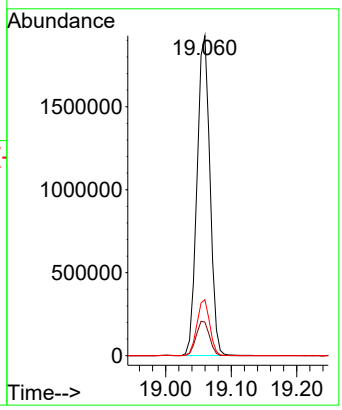




#75
Fluoranthene
Concen: 21.293 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 264928

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.5	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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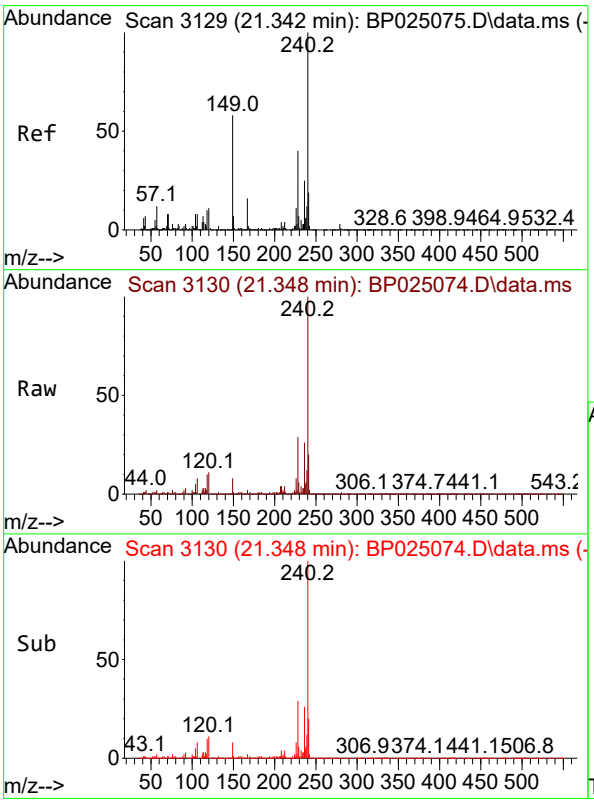
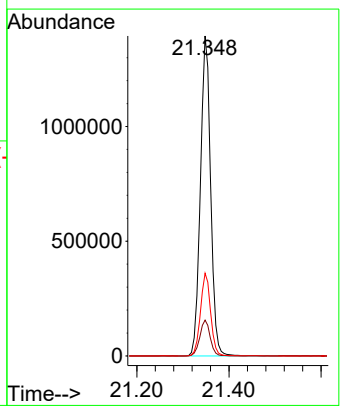
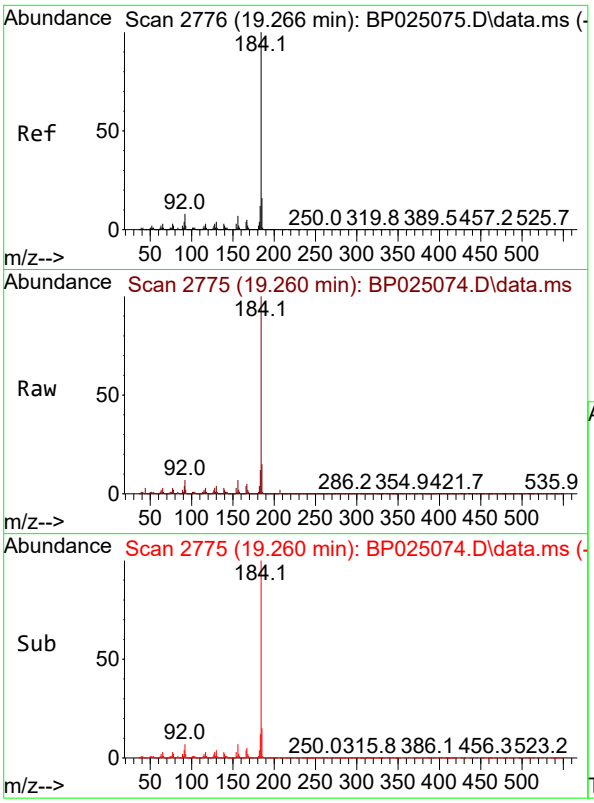


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:240 Resp: 2159758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5

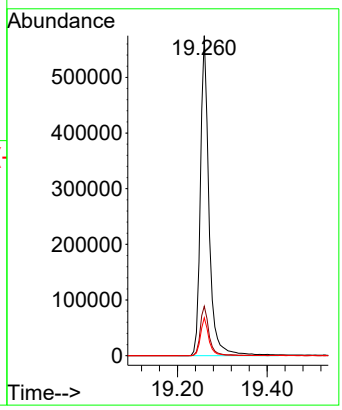




#77
Benzidine
Concen: 20.041 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 76445

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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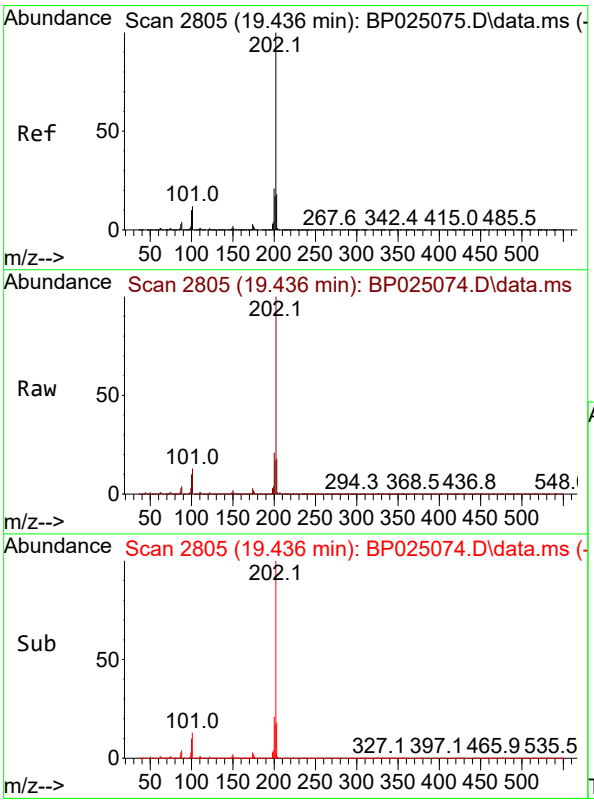
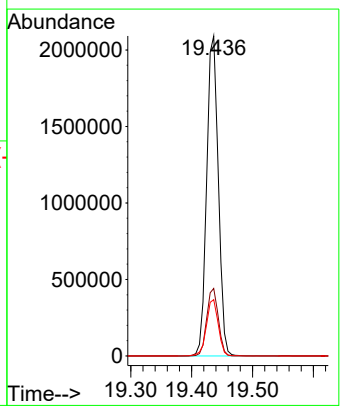
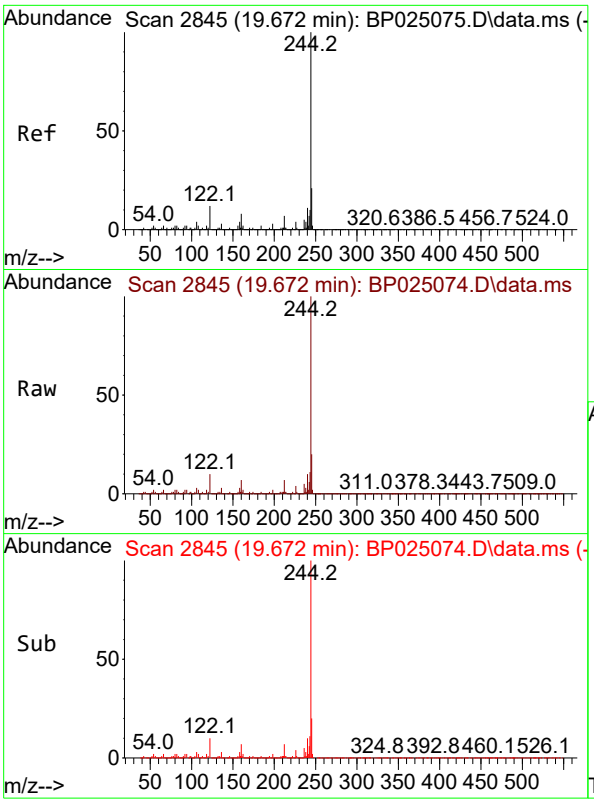


#78
Pyrene
Concen: 20.788 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 2780845

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.1	21.1

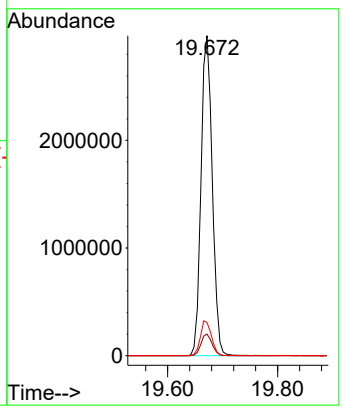




#79
Terphenyl-d14
Concen: 42.993 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:244 Resp: 422488

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.3	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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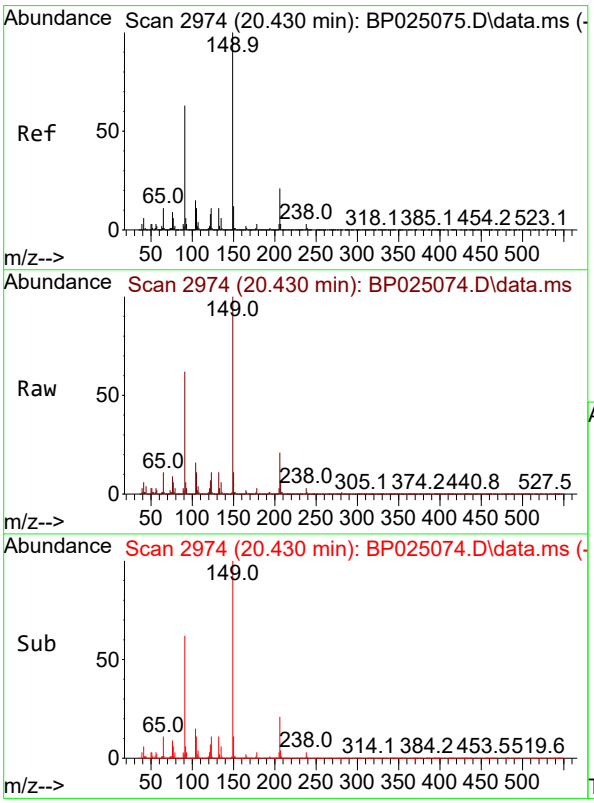
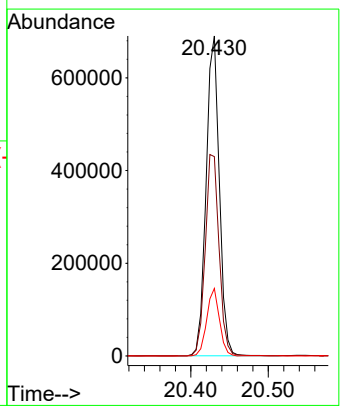
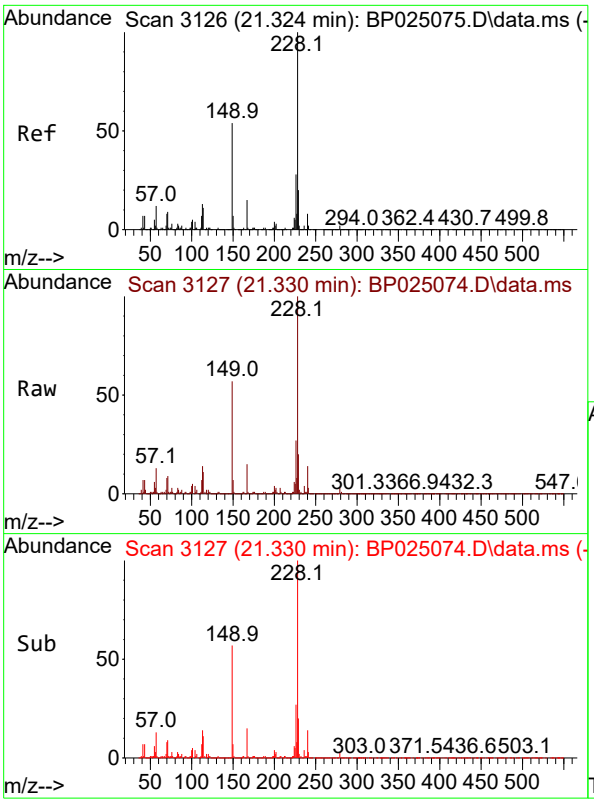


#80
Butylbenzylphthalate
Concen: 18.287 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 815246

Ion	Ratio	Lower	Upper
149	100		
91	62.3	50.6	76.0
206	21.1	17.2	25.8

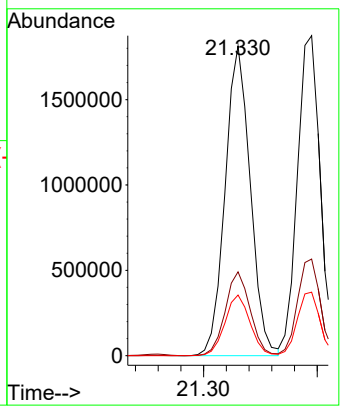




#81
Benzo(a)anthracene
Concen: 21.329 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:228 Resp: 279162

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.6	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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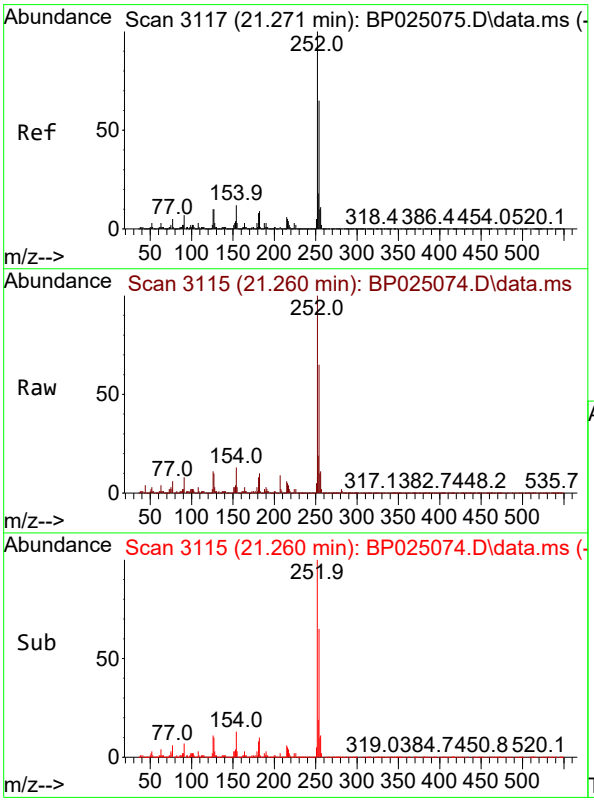
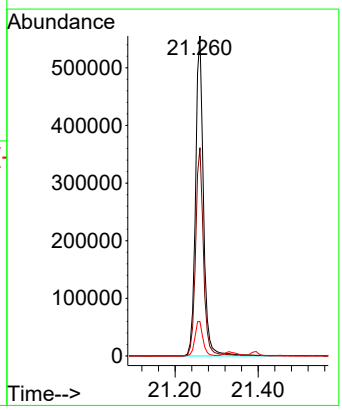
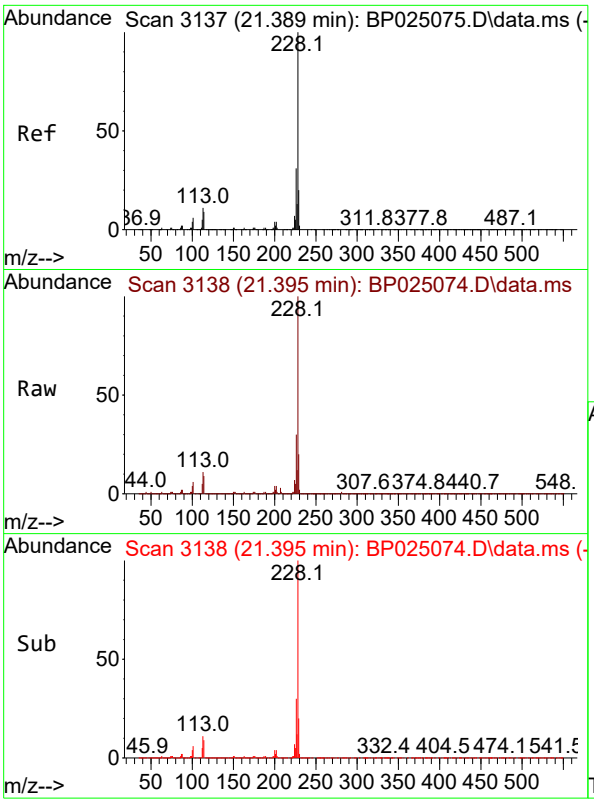


#82
3,3'-Dichlorobenzidine
Concen: 18.647 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 734695

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.7	8.1	12.1

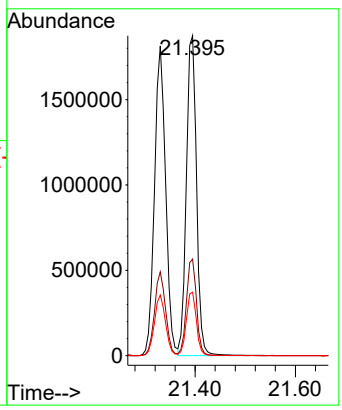




#83
Chrysene
Concen: 20.977 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:228 Resp: 264216

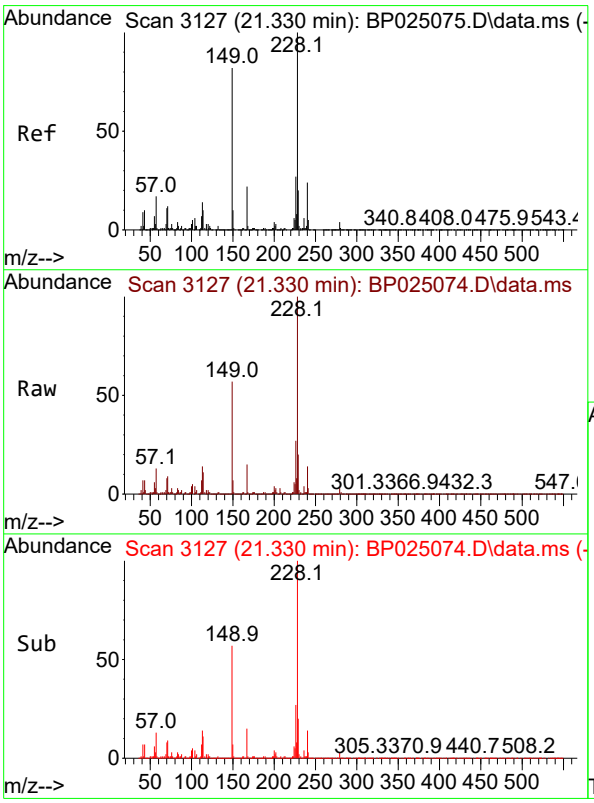
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

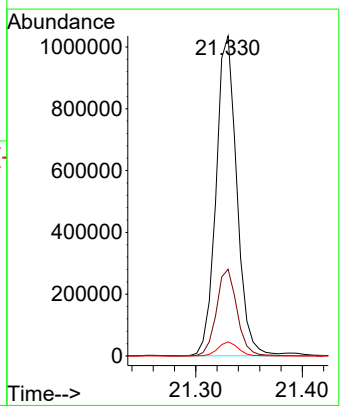
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

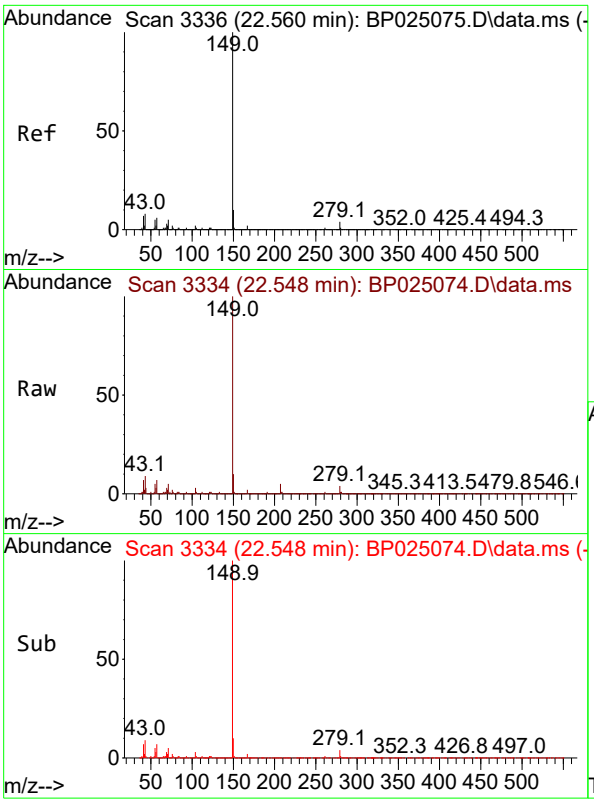


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.886 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1396109

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.4	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 18.935 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

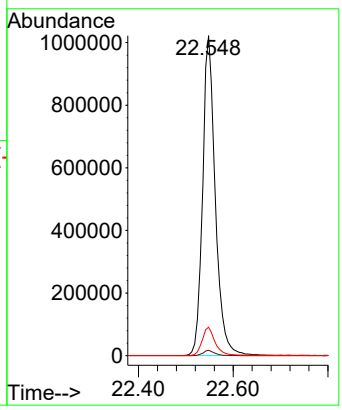
Tgt Ion:149 Resp: 189291

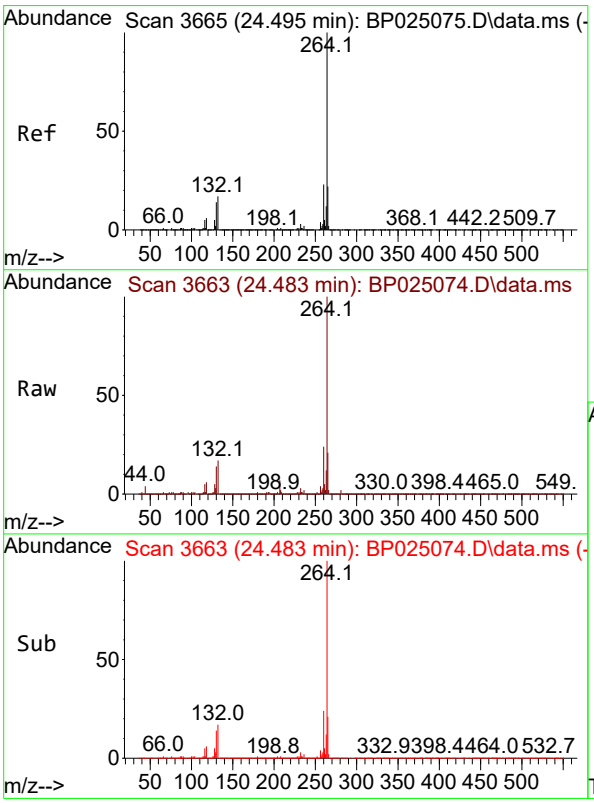
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

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

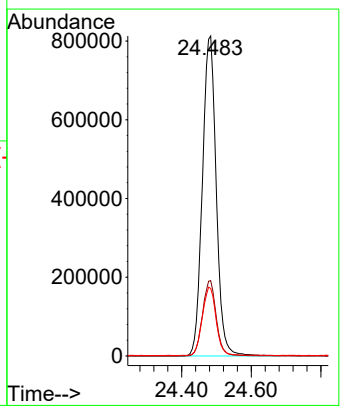


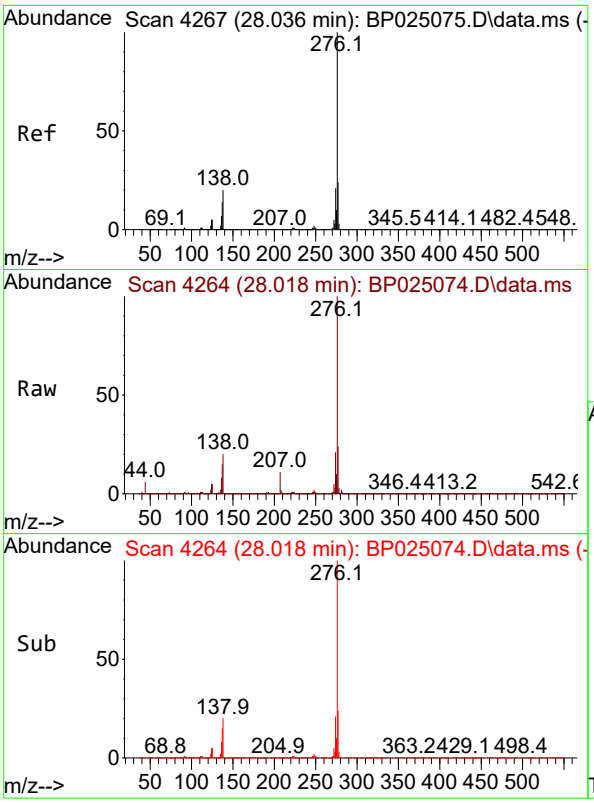


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:264 Resp: 2243019

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.1	17.7	26.5

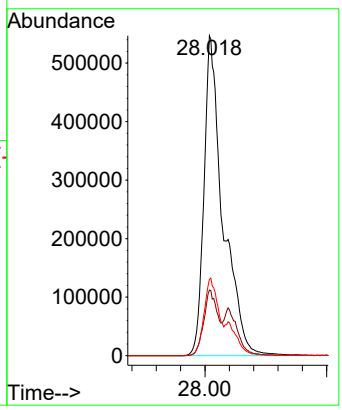




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.677 ng
RT: 28.018 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 295534

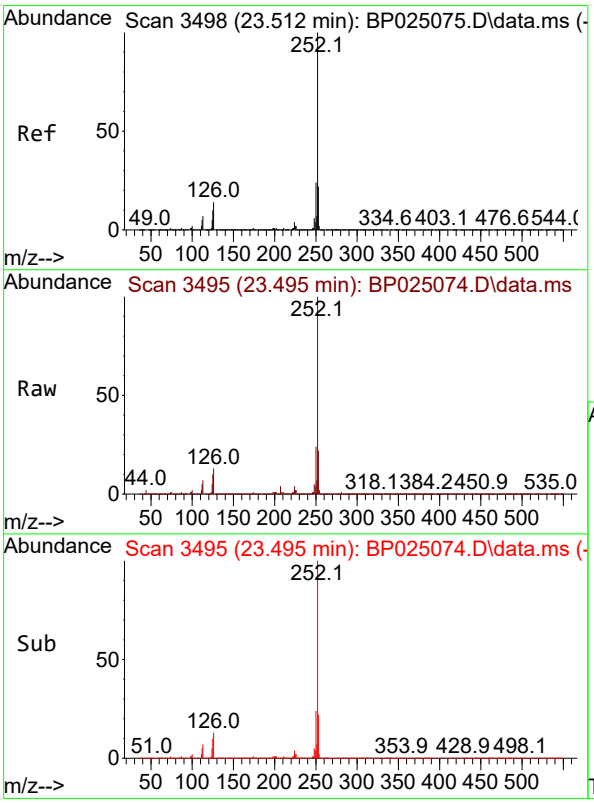
Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.0	19.6
277	18.4	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

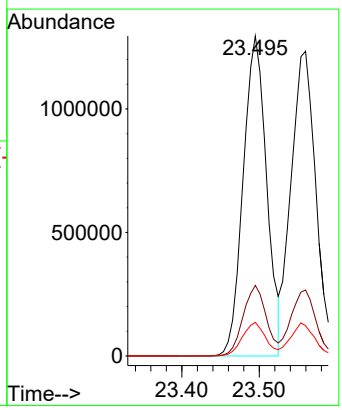
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

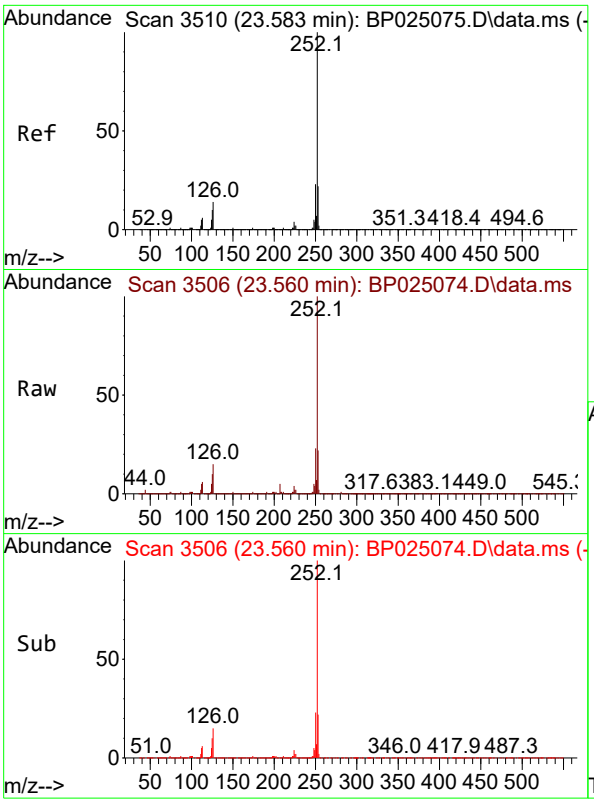


#88
Benzo(b)fluoranthene
Concen: 20.872 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2724905

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.5	8.1	12.1

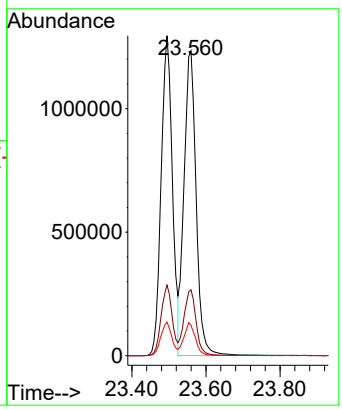




#89
Benzo(k)fluoranthene
Concen: 21.560 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 280066

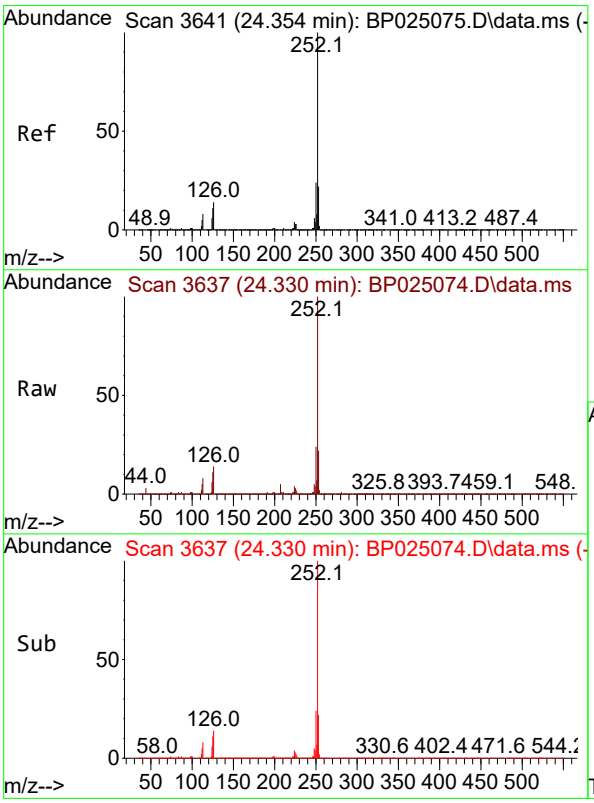
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

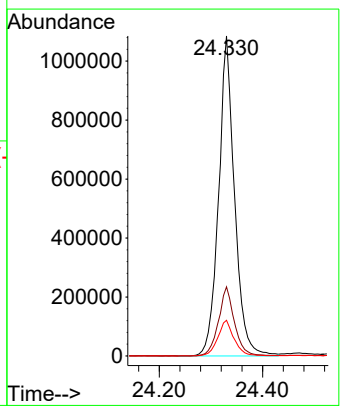
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

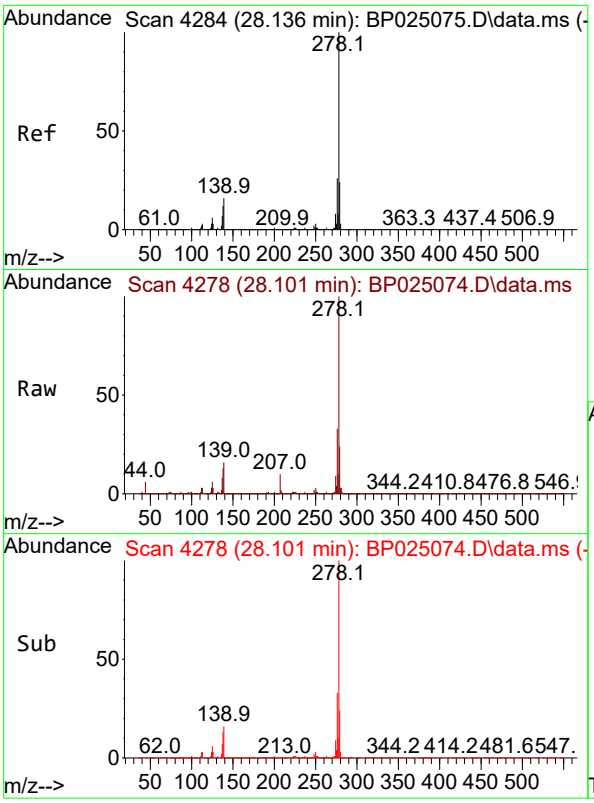


#90
Benzo(a)pyrene
Concen: 20.892 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2321462

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.2	9.0	13.4

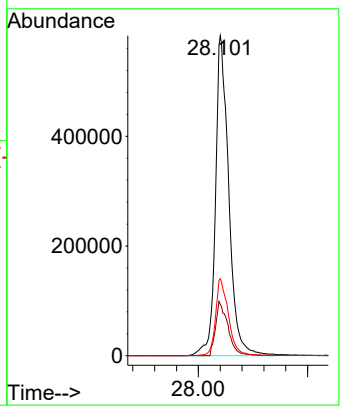




#91
Dibenzo(a,h)anthracene
Concen: 20.842 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:278 Resp: 246174

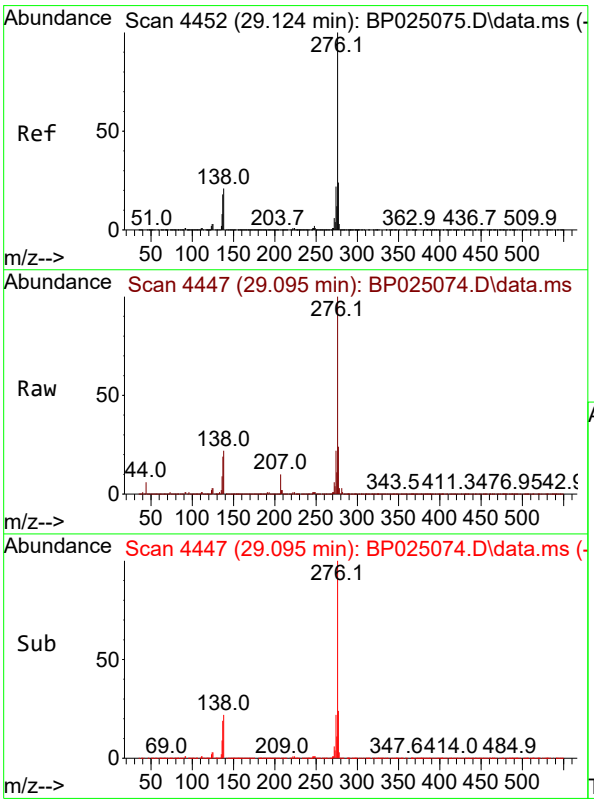
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	24.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

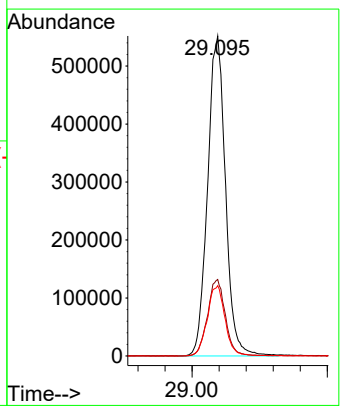
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 20.695 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 2525145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.0	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	390810	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1560152	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1003103	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2062708	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2262594	20.000	ng	0.00
86) Perylene-d12	24.495	264	2431657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772070	80.342	ng	0.00
7) Phenol-d6	6.631	99	2279753	79.204	ng	0.00
23) Nitrobenzene-d5	8.566	82	1914639	81.616	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	987112	83.301	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5132522	79.265	ng	0.00
79) Terphenyl-d14	19.672	244	8276493	80.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	339998	39.642	ng	100
3) Pyridine	3.490	79	959760	40.903	ng	100
4) n-Nitrosodimethylamine	3.408	42	395498	39.780	ng	100
6) Aniline	6.784	93	1084746	40.335	ng	100
8) 2-Chlorophenol	7.019	128	981576	39.775	ng	100
9) Benzaldehyde	6.602	77	565720	37.634	ng	100
10) Phenol	6.655	94	1150792	39.348	ng	100
11) bis(2-Chloroethyl)ether	6.890	93	876880	38.958	ng	100
12) 1,3-Dichlorobenzene	7.337	146	1077716	39.020	ng	100
13) 1,4-Dichlorobenzene	7.472	146	1093628	39.109	ng	100
14) 1,2-Dichlorobenzene	7.784	146	1054645	39.206	ng	100
15) Benzyl Alcohol	7.672	79	748226	38.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1120385	38.282	ng	100
17) 2-Methylphenol	7.872	107	757253	40.195	ng	100
18) Hexachloroethane	8.496	117	359924	39.510	ng	100
19) n-Nitroso-di-n-propyla...	8.237	70	676070	39.605	ng	100
20) 3+4-Methylphenols	8.196	107	1042619	39.511	ng	100
22) Acetophenone	8.243	105	1451215	39.332	ng	100
24) Nitrobenzene	8.607	77	966724	40.457	ng	100
25) Isophorone	9.131	82	1742244	39.740	ng	100
26) 2-Nitrophenol	9.313	139	416304	36.734	ng	100
27) 2,4-Dimethylphenol	9.384	122	649221	39.698	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1166063	39.172	ng	100
29) 2,4-Dichlorophenol	9.837	162	932551	41.124	ng	100
30) 1,2,4-Trichlorobenzene	10.060	180	995067	39.625	ng	100
31) Naphthalene	10.231	128	3155257	39.276	ng	100
32) Benzoic acid	9.501	122	581334	38.533	ng	100
33) 4-Chloroaniline	10.343	127	1217057	40.595	ng	100
34) Hexachlorobutadiene	10.537	225	567921	39.409	ng	100
35) Caprolactam	11.107	113	313947	40.469	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	965263	40.733	ng	100
37) 2-Methylnaphthalene	11.860	142	2240648	39.530	ng	100
38) 1-Methylnaphthalene	12.084	142	2158945	39.054	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1164588	40.396	ng	100
41) Hexachlorocyclopentadiene	12.237	237	298913	39.695	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	741839	42.497	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	824324	41.668	ng	100
46) 1,1'-Biphenyl	12.907	154	2916222	39.957	ng	100
47) 2-Chloronaphthalene	12.942	162	2188234	39.891	ng	100
48) 2-Nitroaniline	13.142	65	519267	39.182	ng	100
49) Acenaphthylene	13.801	152	3413485	40.657	ng	100
50) Dimethylphthalate	13.554	163	2825141	40.234	ng	100
51) 2,6-Dinitrotoluene	13.660	165	592325	43.253	ng	100
52) Acenaphthene	14.154	154	2139419	39.537	ng	100
53) 3-Nitroaniline	13.984	138	644835	43.937	ng	100
54) 2,4-Dinitrophenol	14.195	184	234827	38.110	ng	100
55) Dibenzofuran	14.507	168	3547100	39.719	ng	100
56) 4-Nitrophenol	14.301	139	572405	42.263	ng	100
57) 2,4-Dinitrotoluene	14.466	165	785486	39.572	ng	100
58) Fluorene	15.166	166	2794372	40.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	742726	41.458	ng	100
60) Diethylphthalate	14.960	149	2866041	40.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1361531	39.829	ng	100
62) 4-Nitroaniline	15.184	138	686633	44.618	ng	100
63) Azobenzene	15.478	77	2537142	40.400	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	335740	37.190	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2365317	40.069	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	843967	39.961	ng	100
68) Hexachlorobenzene	16.201	284	1020715	39.541	ng	100
69) Atrazine	16.383	200	711320	41.121	ng	100
70) Pentachlorophenol	16.548	266	707874	40.604	ng	100
71) Phenanthrene	16.954	178	4407982	39.993	ng	100
72) Anthracene	17.048	178	4275492	40.434	ng	100
73) Carbazole	17.325	167	4245502	41.064	ng	100
74) Di-n-butylphthalate	17.960	149	4897263	42.536	ng	100
75) Fluoranthene	19.066	202	5320900	41.300	ng	100
77) Benzidine	19.266	184	2584906	64.686	ng	100
78) Pyrene	19.436	202	5572652	39.765	ng	100
80) Butylbenzylphthalate	20.430	149	1993151	37.765	ng	100
81) Benzo(a)anthracene	21.324	228	5507840	40.169	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	1763991	42.735	ng	100
83) Chrysene	21.389	228	5244045	39.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	3179611	43.232	ng	100
85) Di-n-octyl phthalate	22.560	149	4951836	38.152	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	6474467m	41.785	ng	
88) Benzo(b)fluoranthene	23.512	252	5839482	41.258	ng	100
89) Benzo(k)fluoranthene	23.583	252	5609534	39.833	ng	100
90) Benzo(a)pyrene	24.354	252	5022829	41.697	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	5336147	41.673	ng	100
92) Benzo(g,h,i)perylene	29.124	276	5482072	41.443	ng	100

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

ICAL Form

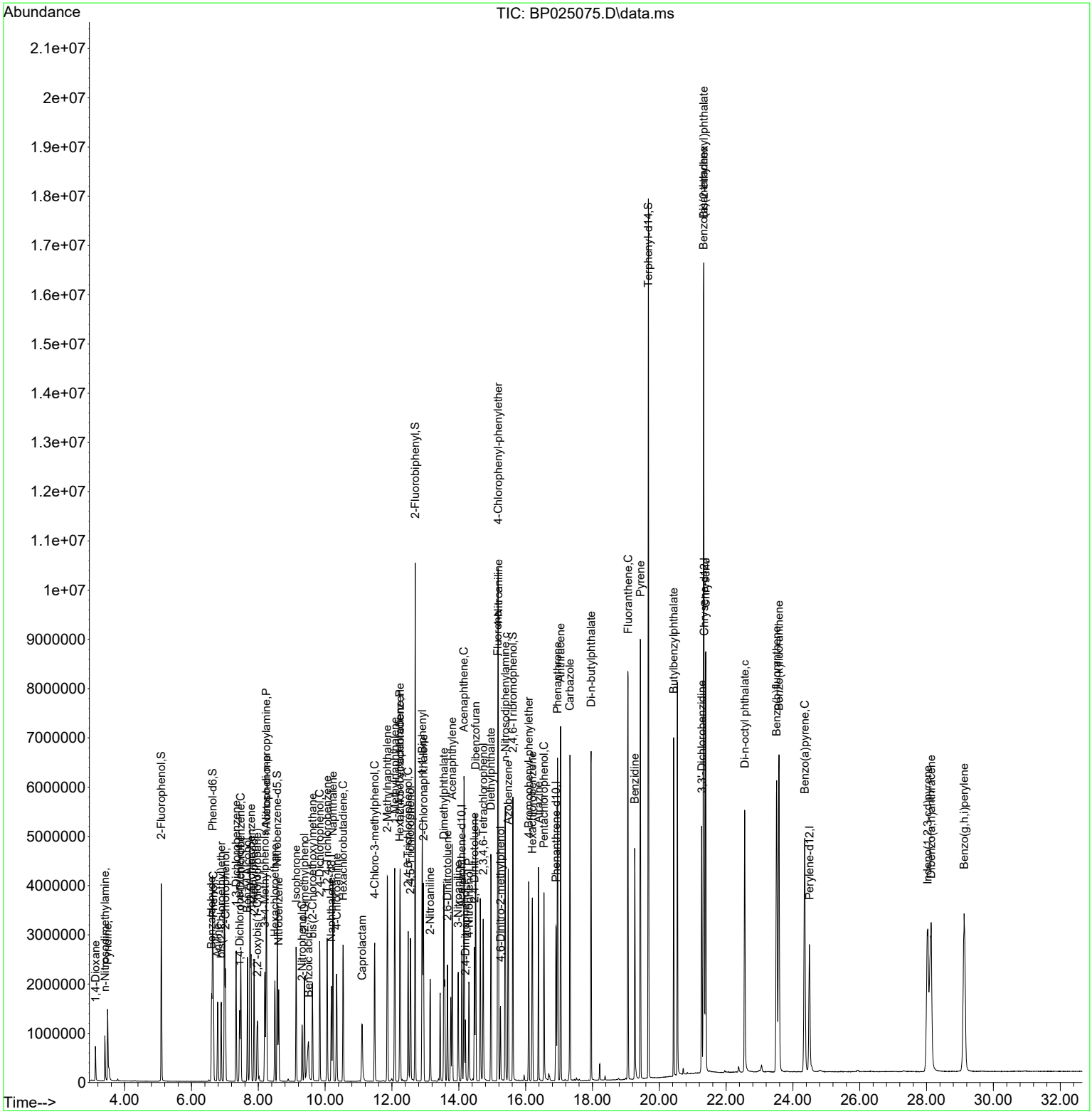
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

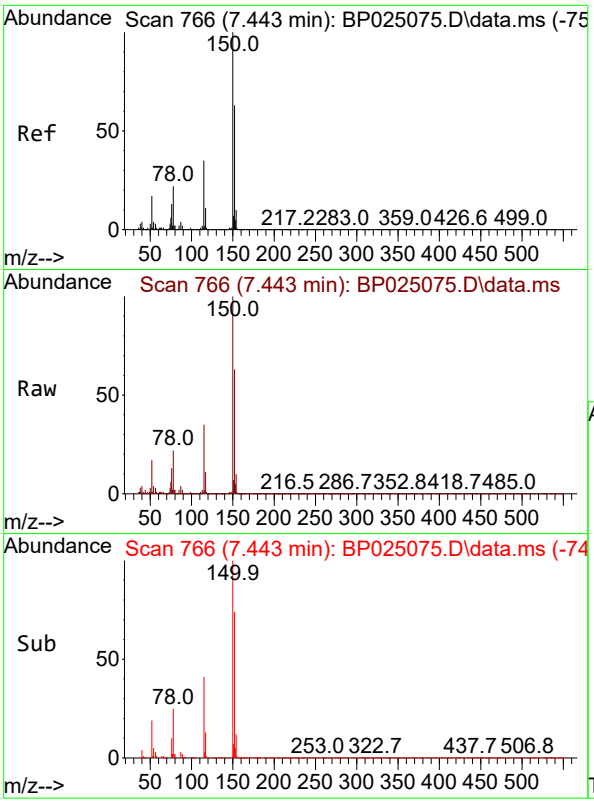
Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

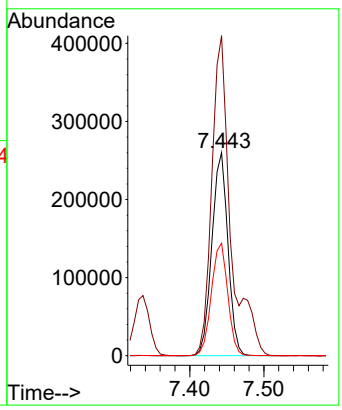




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:152 Resp: 39081

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	55.4	44.3	66.5



Instrument :
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ClientSampleId :
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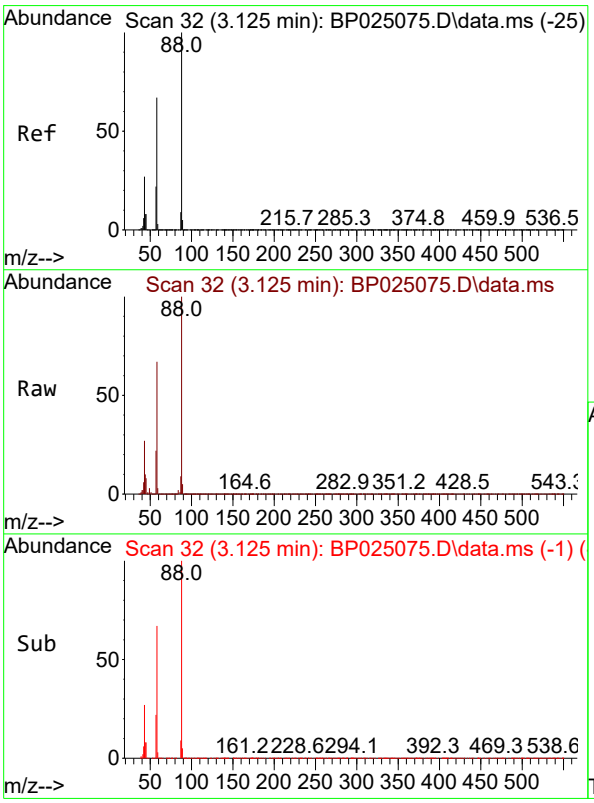
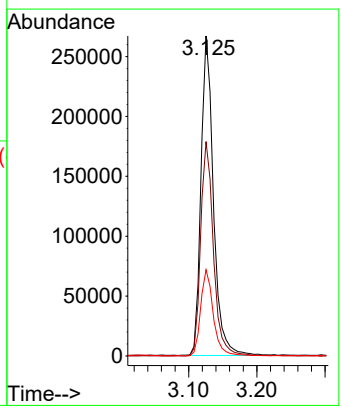
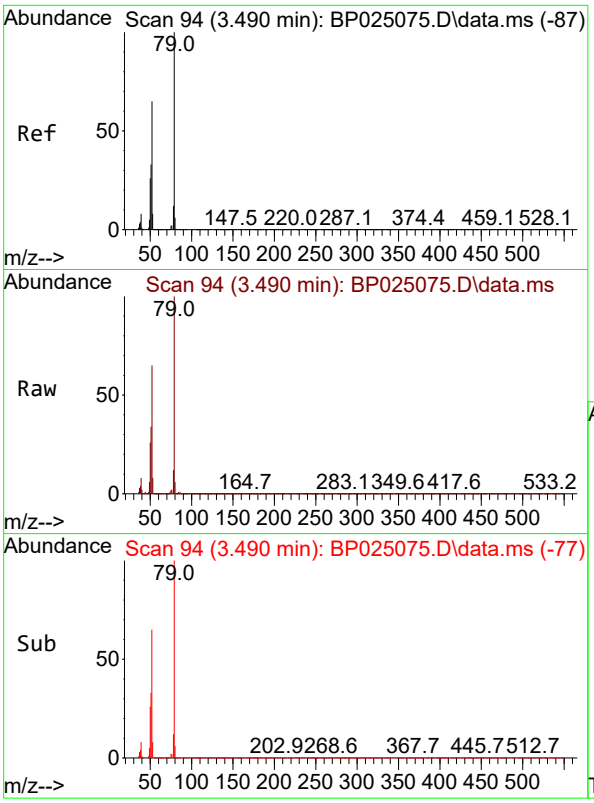


#2
1,4-Dioxane
Concen: 39.642 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 88 Resp: 339998

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9

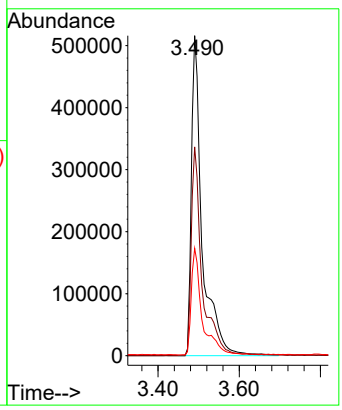




#3
Pyridine
Concen: 40.903 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 79 Resp: 95976

Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.2	78.4
51	33.5	26.8	40.2



Instrument :
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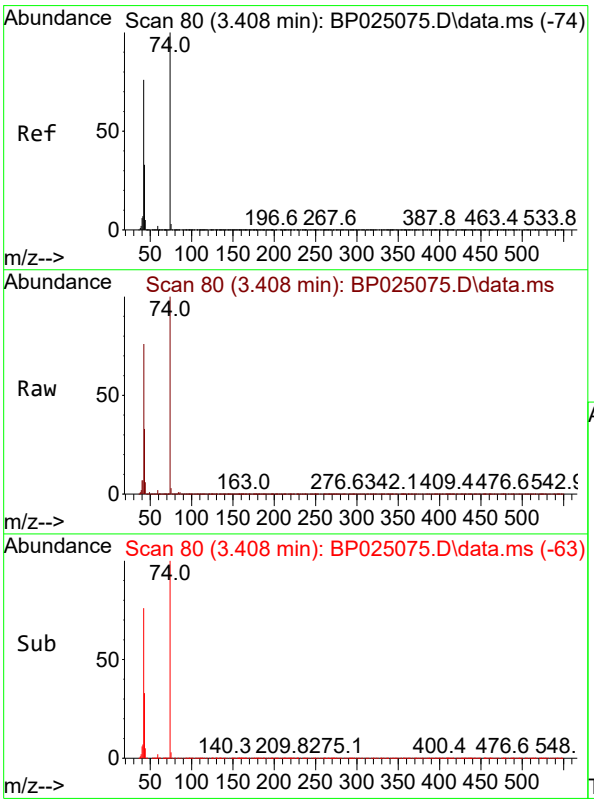
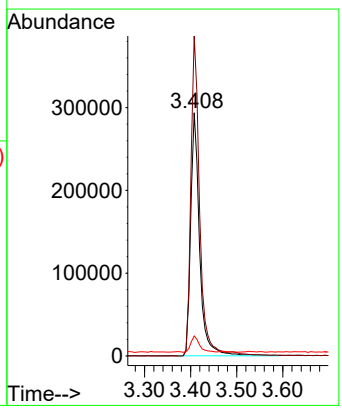
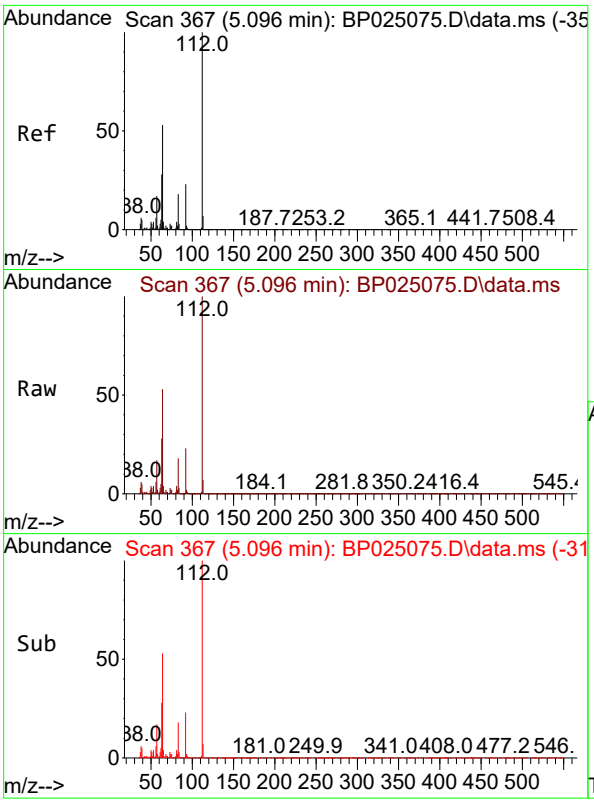


#4
n-Nitrosodimethylamine
Concen: 39.780 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 42 Resp: 395498

Ion	Ratio	Lower	Upper
42	100		
74	131.5	105.2	157.8
44	8.2	6.6	9.8





#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:112 Resp: 177207

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.0	63.0
63	27.7	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
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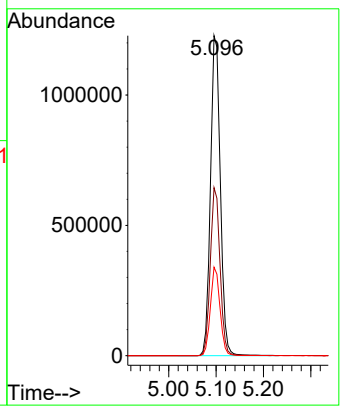
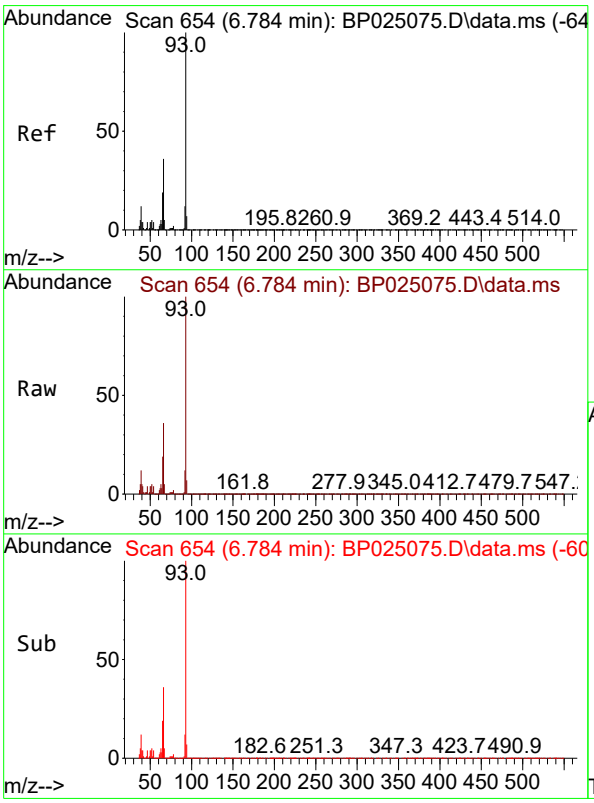
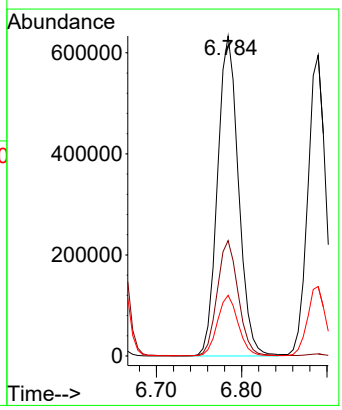


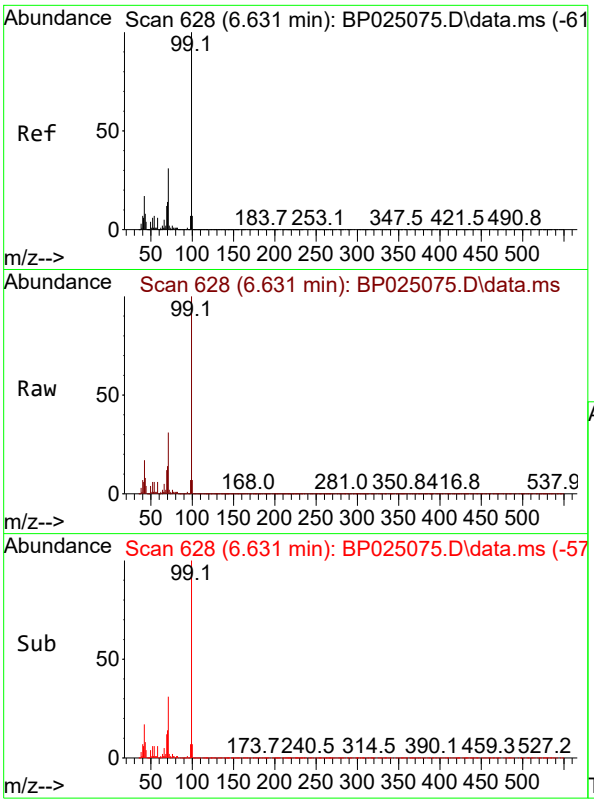


#6
Aniline
Concen: 40.335 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1084746

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	19.0	15.2	22.8

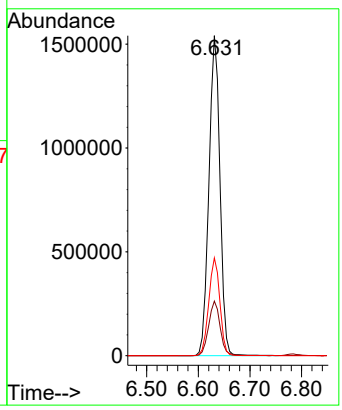




#7
Phenol-d6
Concen: 79.204 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 99 Resp: 227975

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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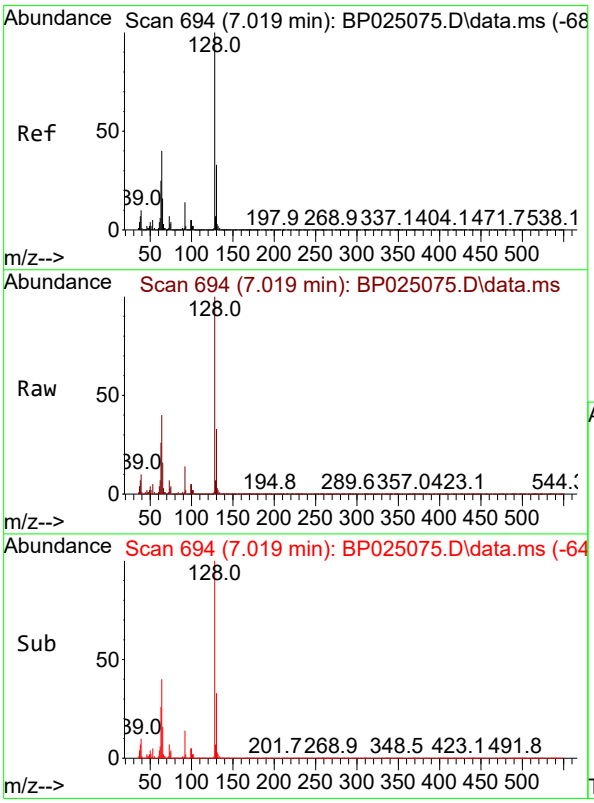
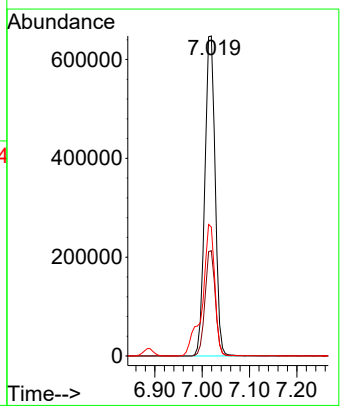
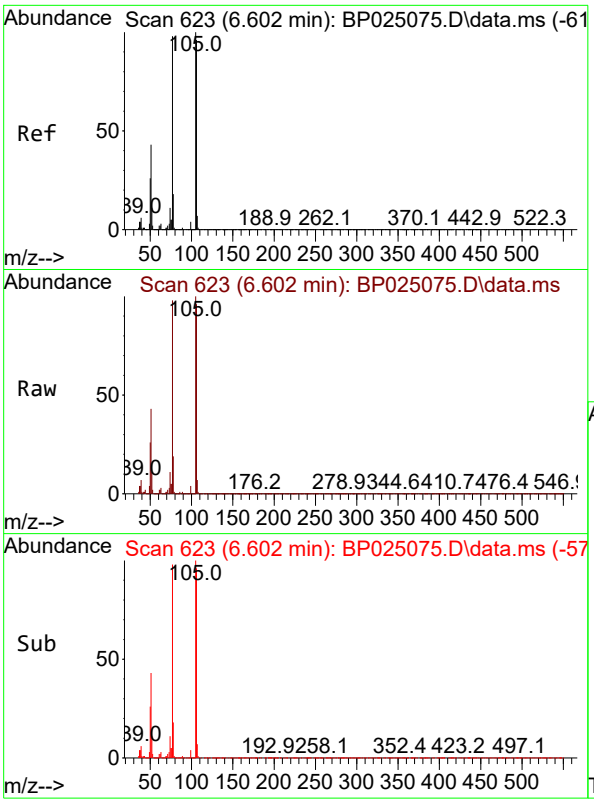


#8
2-Chlorophenol
Concen: 39.775 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 981576

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.3	20.3	60.3

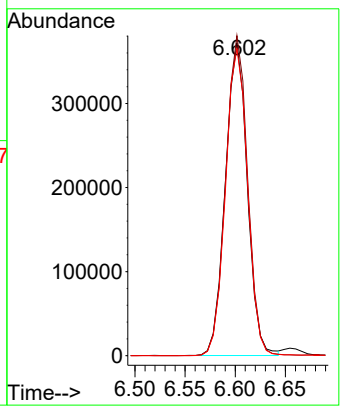




#9
Benzaldehyde
Concen: 37.634 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 56572

Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.4	122.4
106	98.3	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
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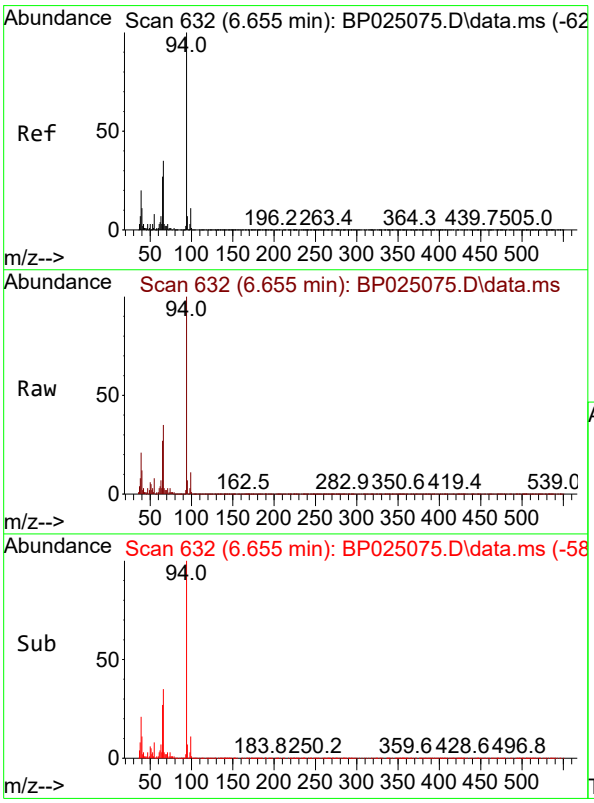
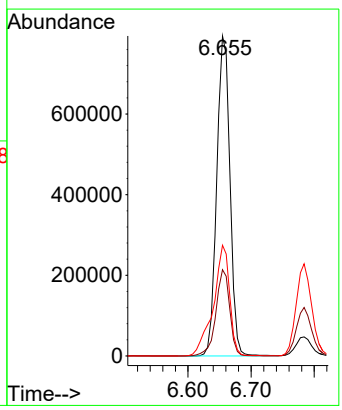
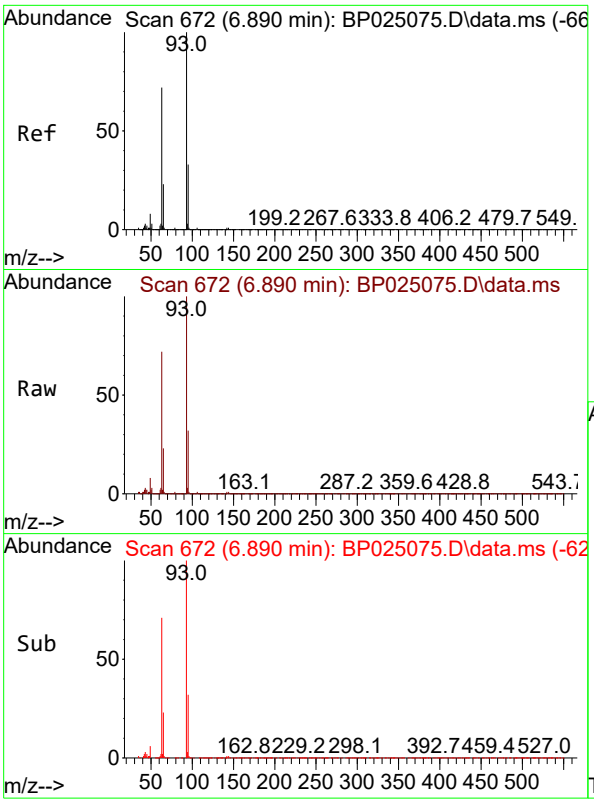


#10
Phenol
Concen: 39.348 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 94 Resp: 1150792

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.9	46.9
66	34.6	14.6	54.6





#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 87688

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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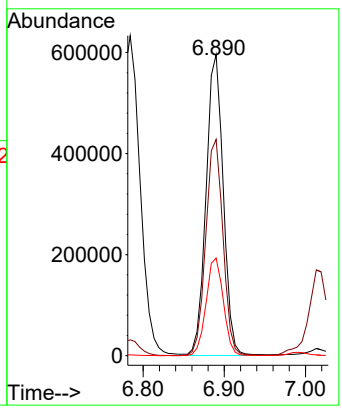
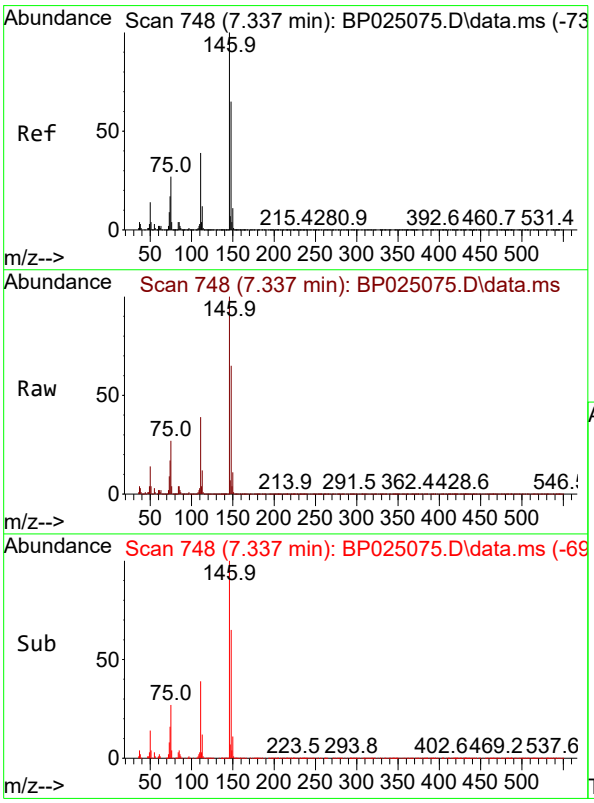
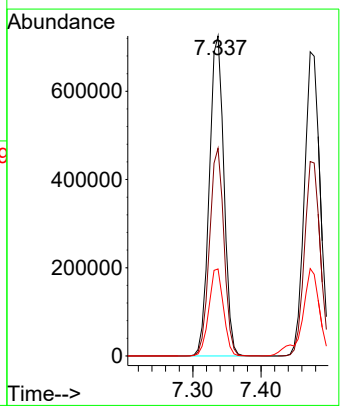


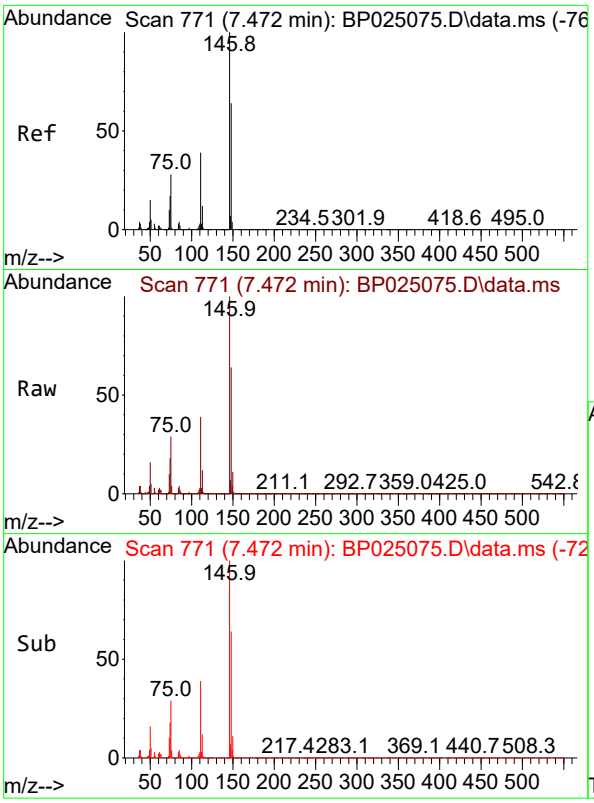


#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1077716

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	27.2	21.8	32.6

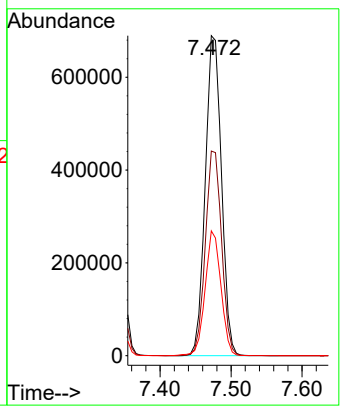




#13
1,4-Dichlorobenzene
Concen: 39.109 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 109362

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8



Instrument :
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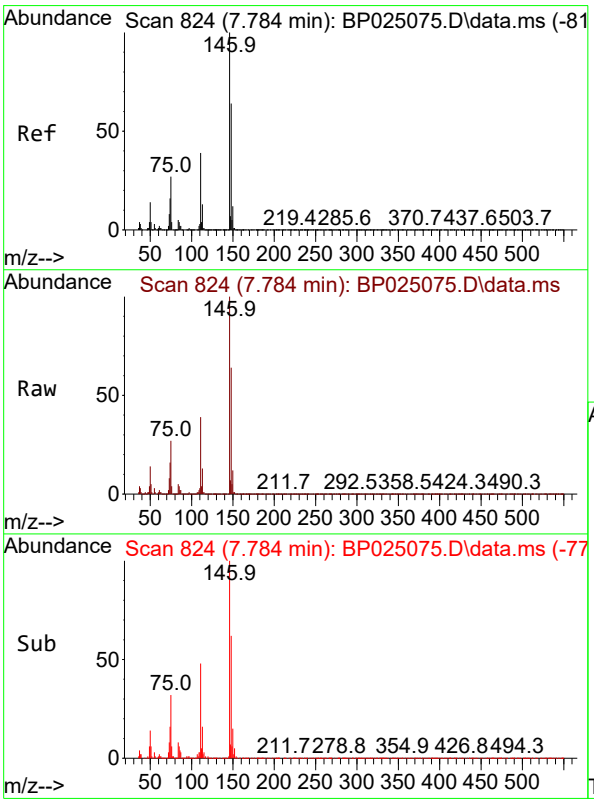
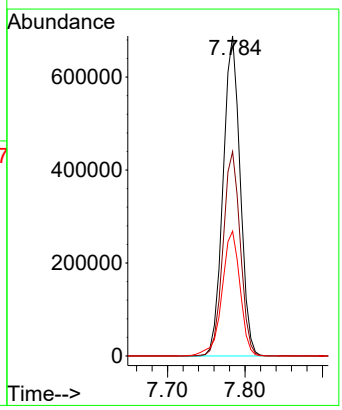
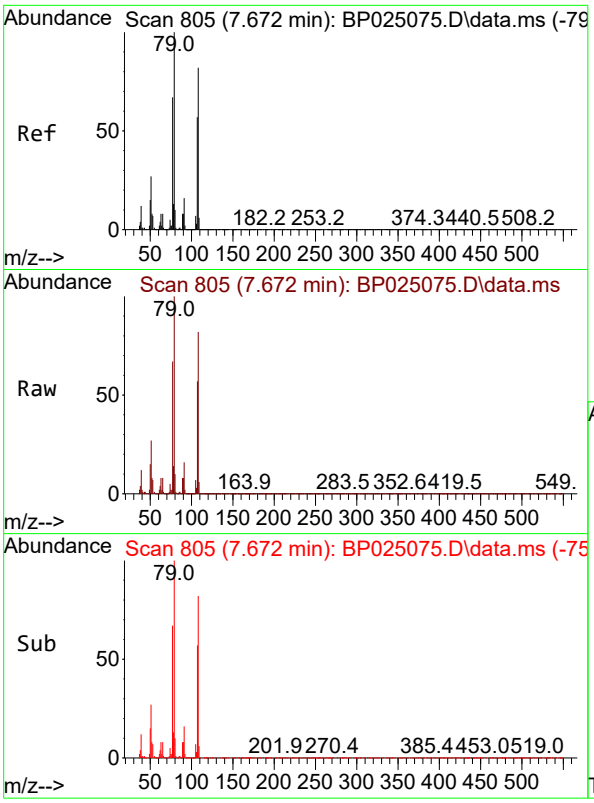


#14
1,2-Dichlorobenzene
Concen: 39.206 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1054645

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8





#15
Benzyl Alcohol
Concen: 38.947 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 74822

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	66.8	53.4	80.2

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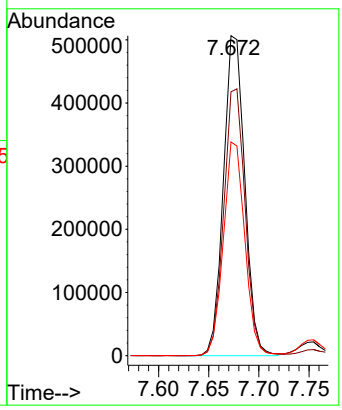
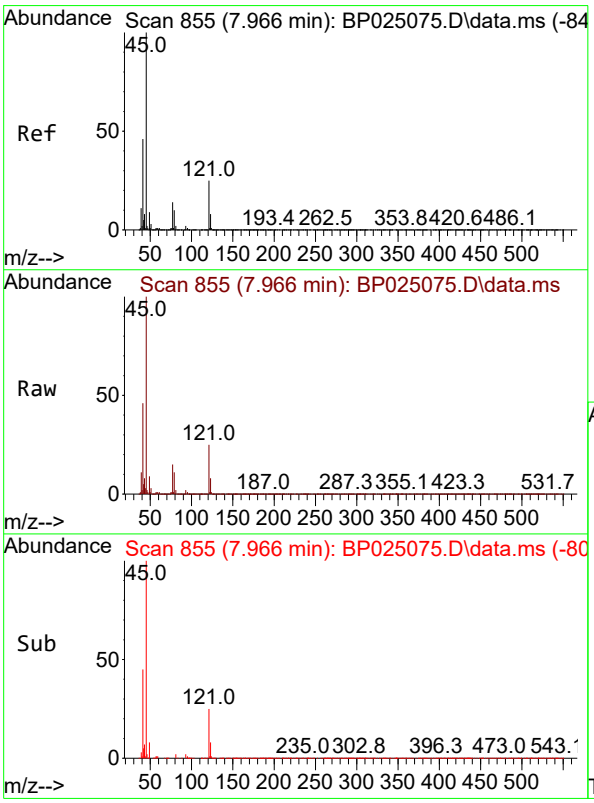
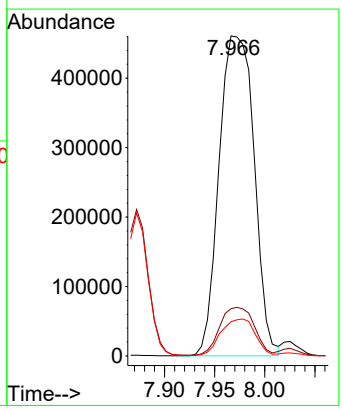


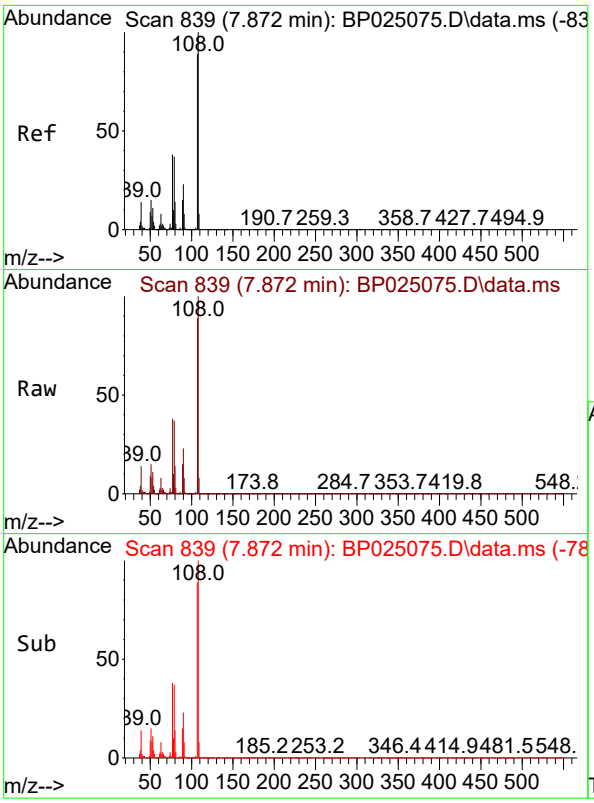


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.282 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 45 Resp: 1120385

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.8
79	10.7	0.0	30.7

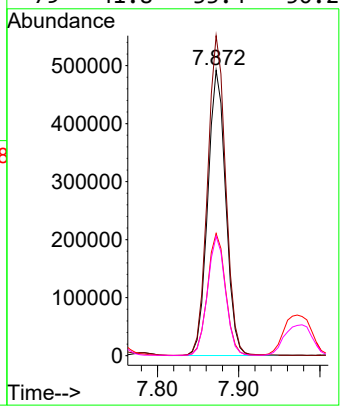




#17
2-Methylphenol
Concen: 40.195 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 75725

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.8	34.2	51.4
79	41.8	33.4	50.2



Instrument :
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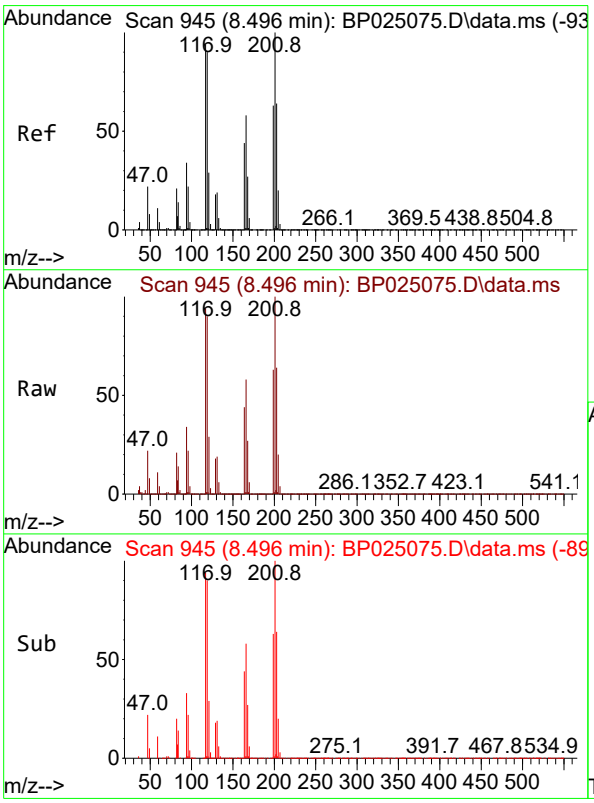
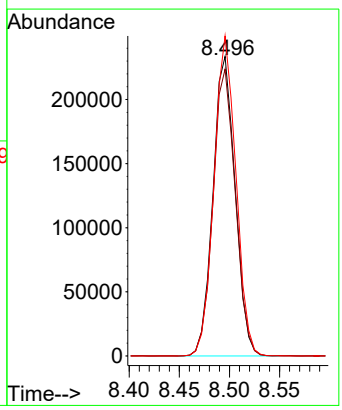
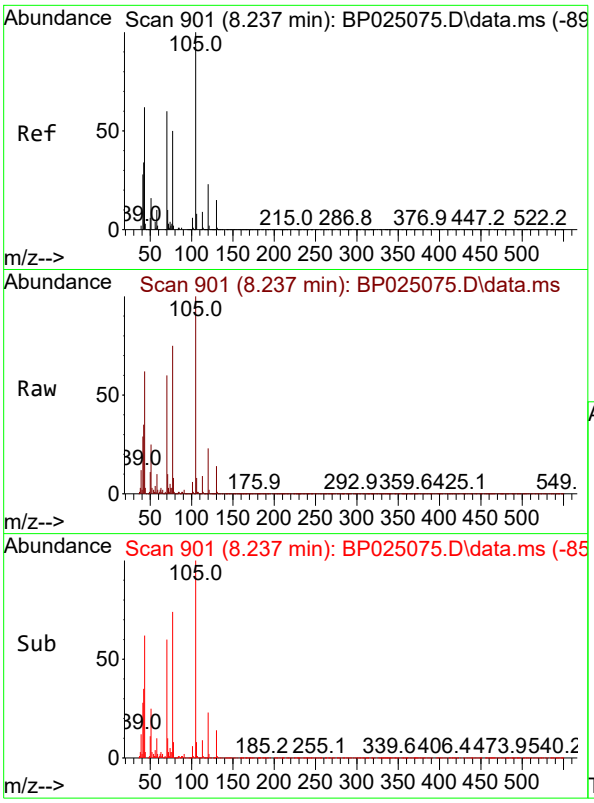


#18
Hexachloroethane
Concen: 39.510 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:117 Resp: 359924

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	106.8	85.4	128.2

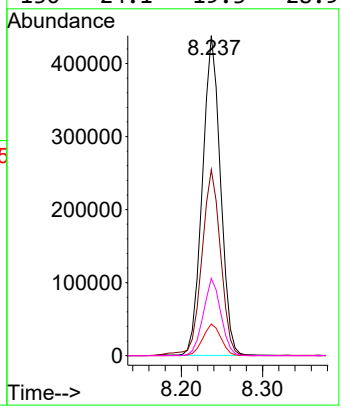




#19
n-Nitroso-di-n-propylamine
Concen: 39.605 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 70 Resp: 67607

Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.5	69.7
101	9.9	7.9	11.9
130	24.1	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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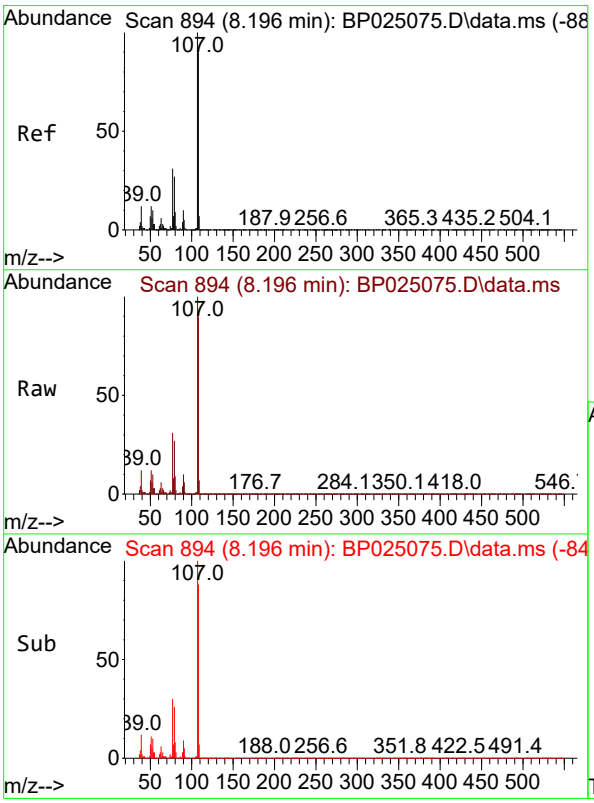
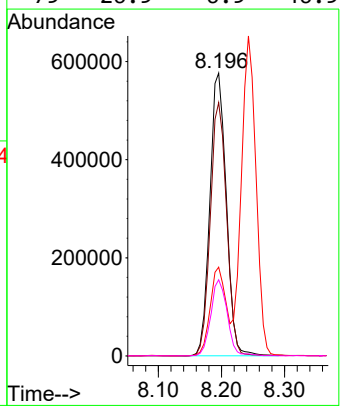
Supervised By :Jagrut Upadhyay 07/07/2025

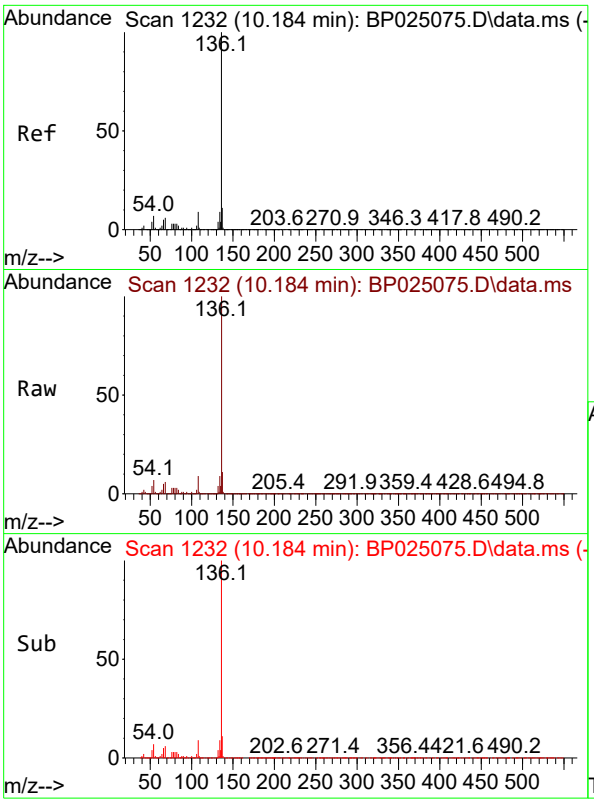


#20
3+4-Methylphenols
Concen: 39.511 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 1042619

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	31.4	11.4	51.4
79	26.9	6.9	46.9

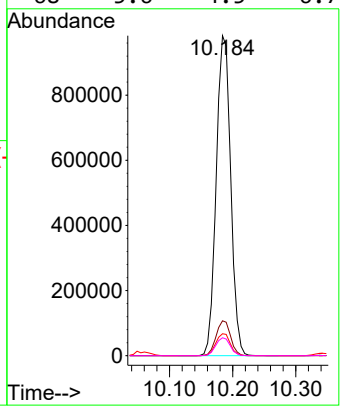




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:136 Resp: 156015

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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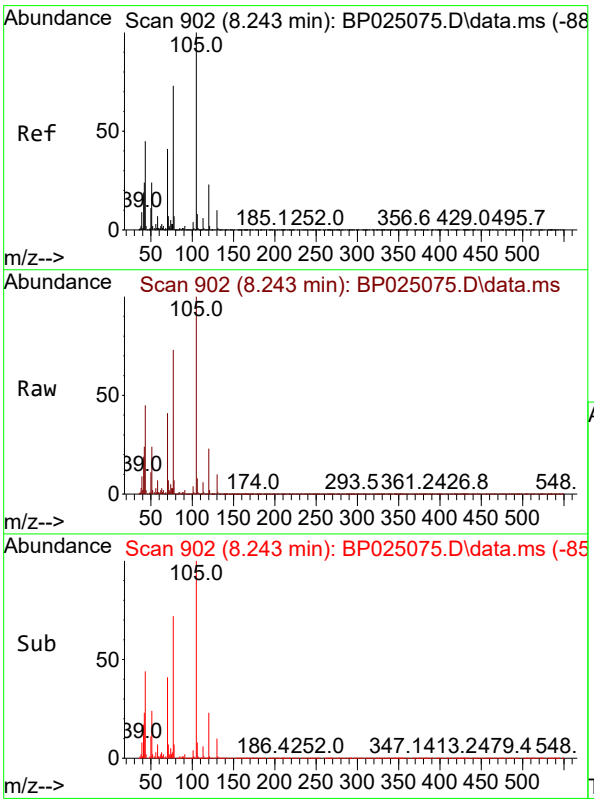
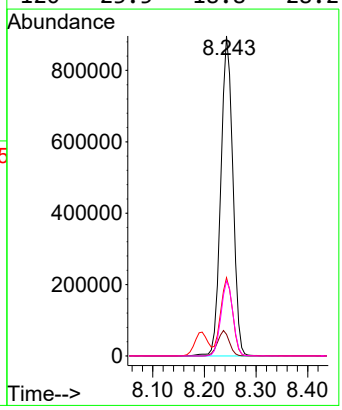
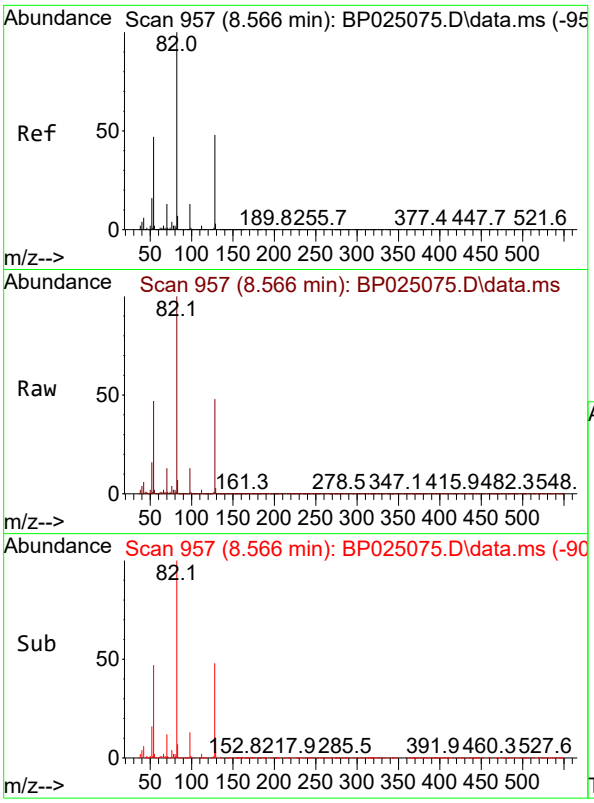


#22
Acetophenone
Concen: 39.332 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:105 Resp: 1451215

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.2
51	24.5	19.6	29.4
120	23.5	18.8	28.2





#23
Nitrobenzene-d5
Concen: 81.616 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 82 Resp: 191463

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	47.2	37.8	56.6

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BNA_P
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SSTDICCC040

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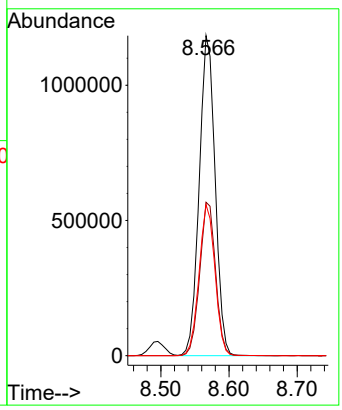
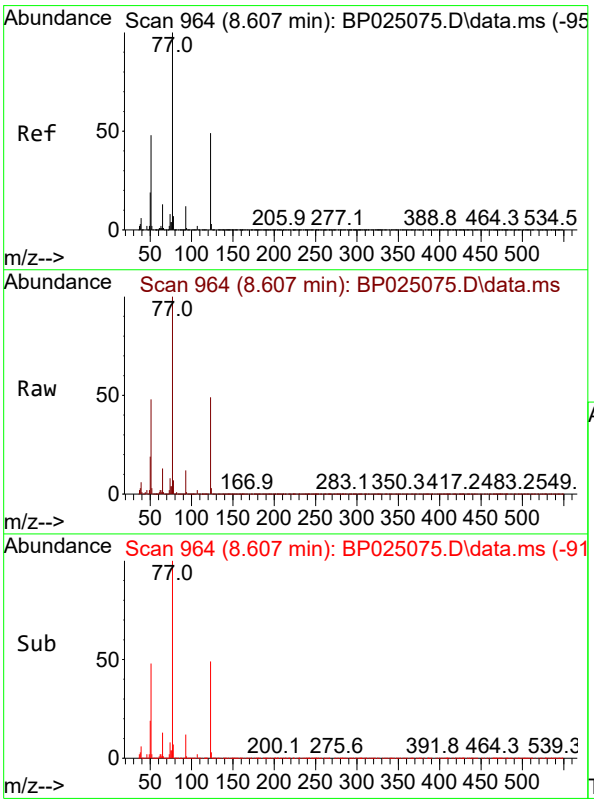
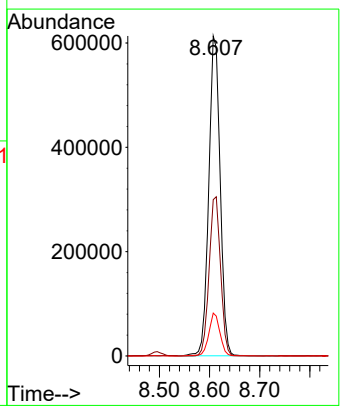


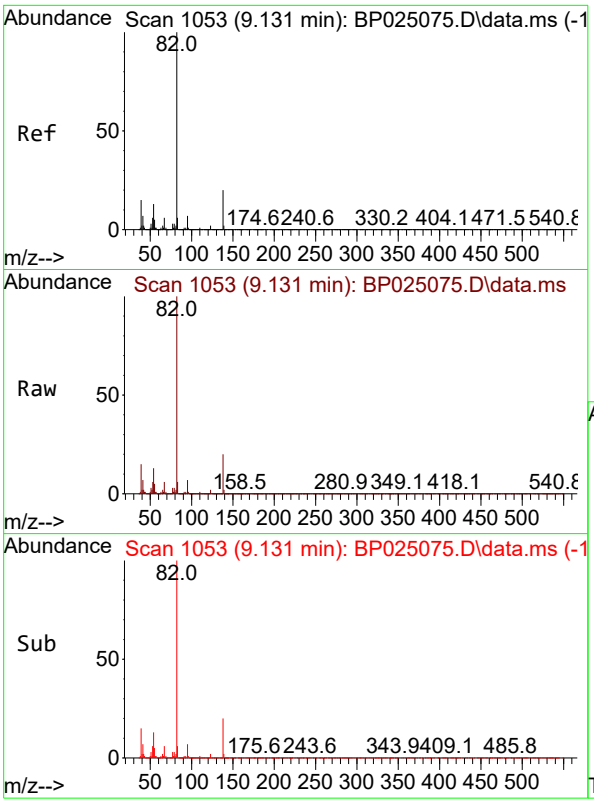


#24
Nitrobenzene
Concen: 40.457 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 966724

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.6
65	13.4	10.7	16.1

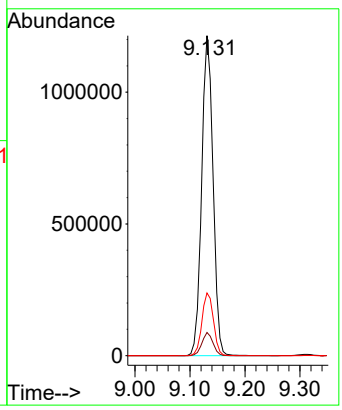




#25
Isophorone
Concen: 39.740 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 82 Resp: 174224

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.6	15.7	23.5



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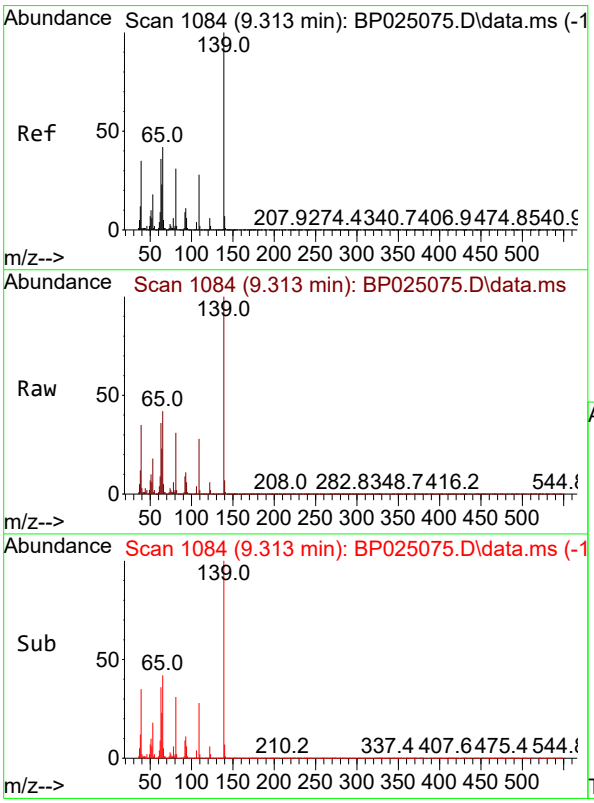
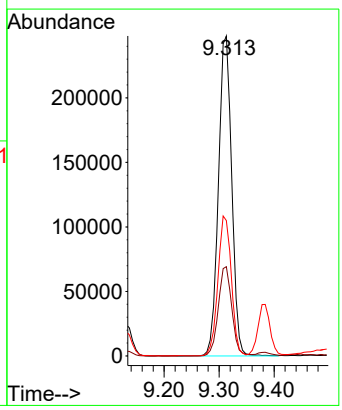
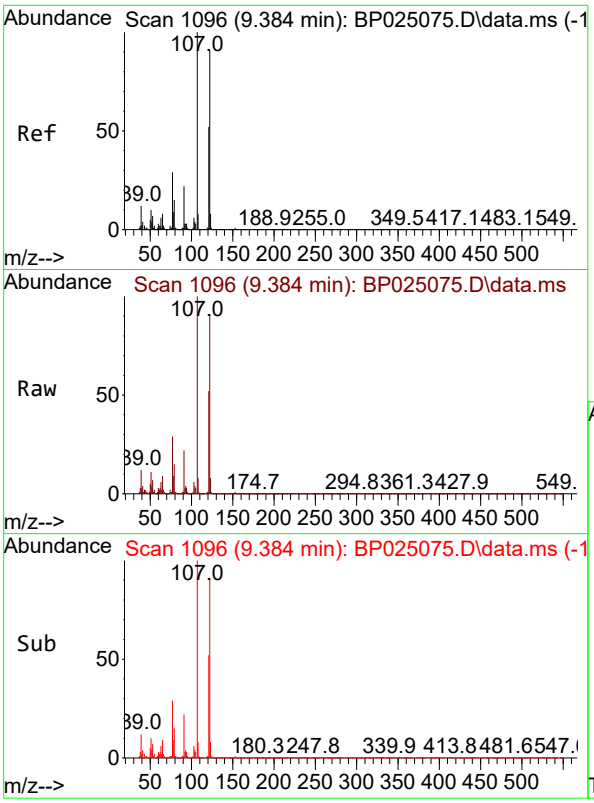


#26
2-Nitrophenol
Concen: 36.734 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 416304

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	42.3	33.8	50.8

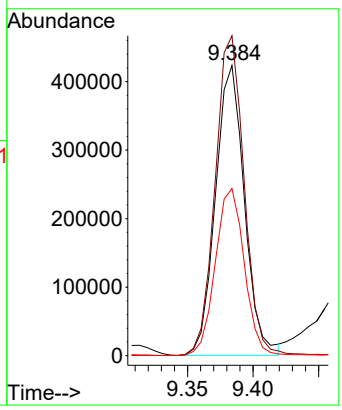




#27
2,4-Dimethylphenol
Concen: 39.698 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 64922

Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.2	132.2
121	57.6	46.1	69.1



Instrument :
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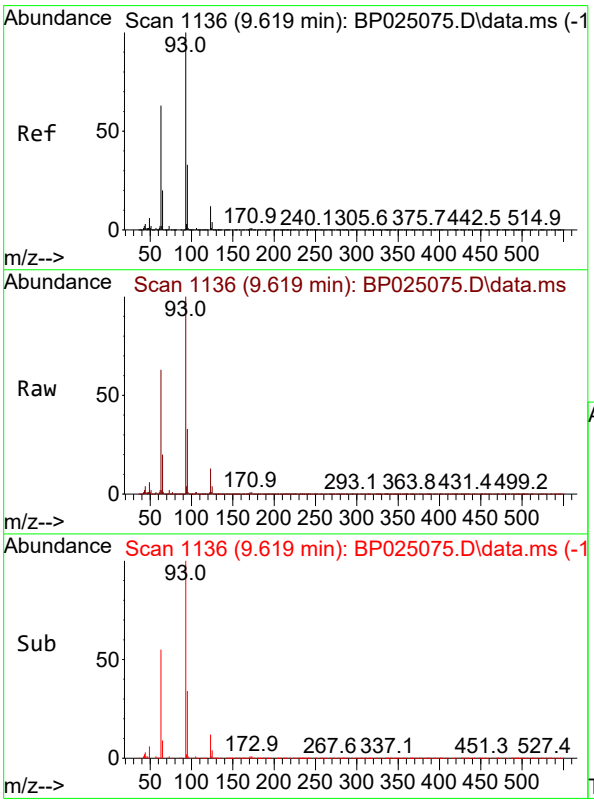
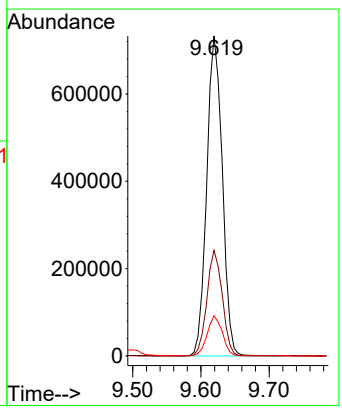
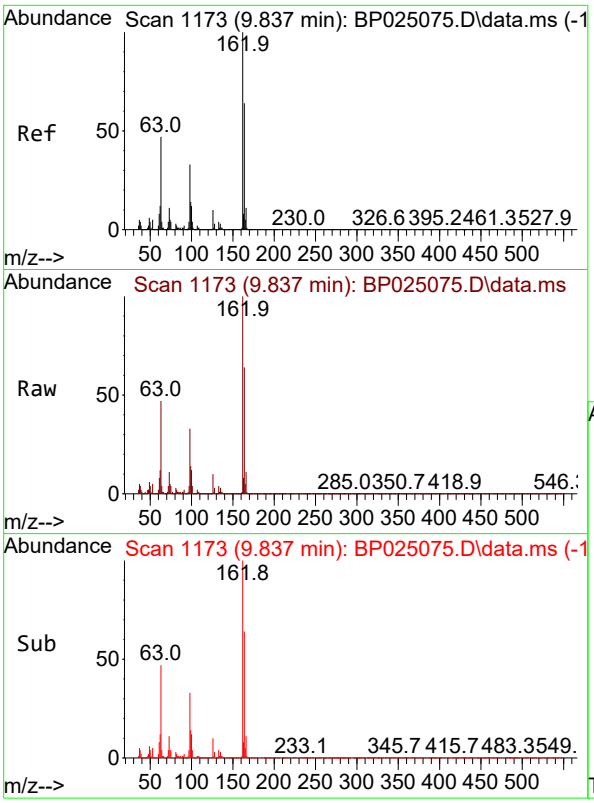


#28
bis(2-Chloroethoxy)methane
Concen: 39.172 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1166063

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.6	10.1	15.1

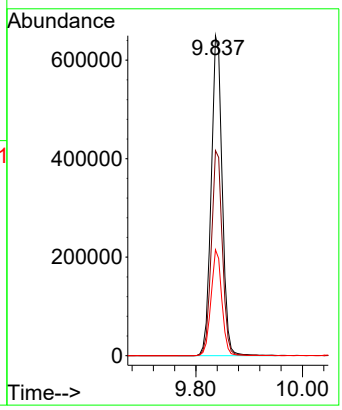




#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:162 Resp: 93255

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	33.1	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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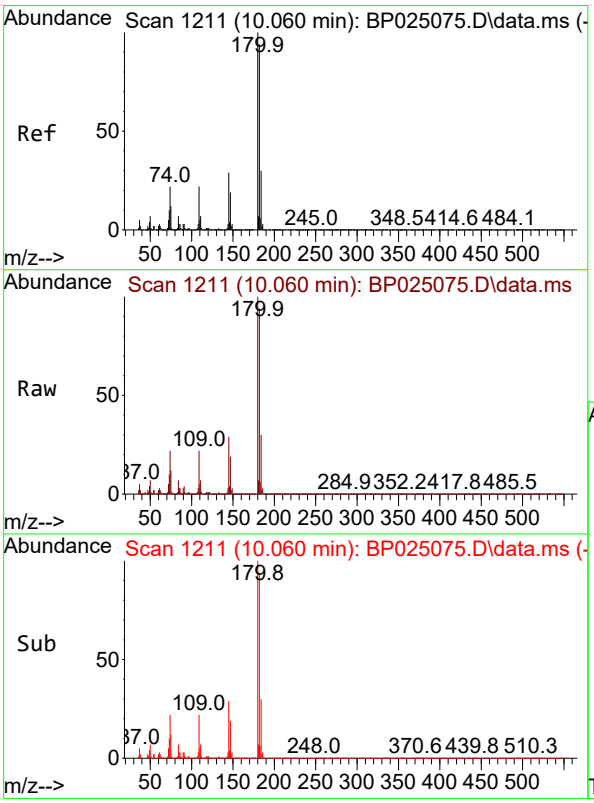
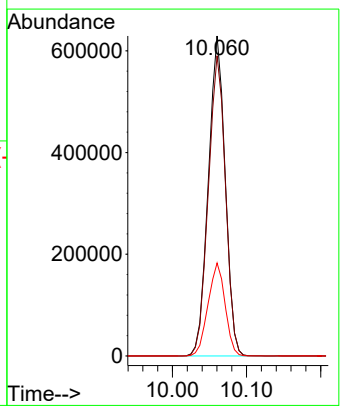
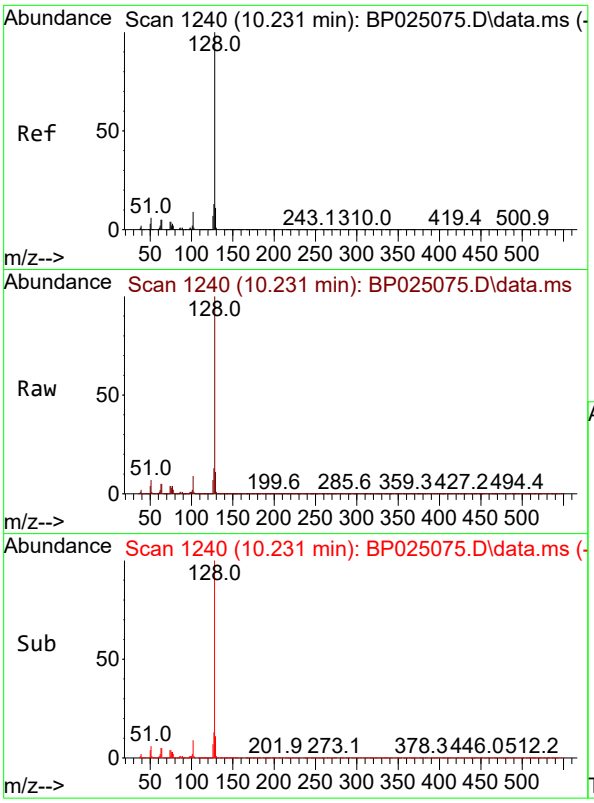


#30
1,2,4-Trichlorobenzene
Concen: 39.625 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:180 Resp: 995067

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	29.1	23.3	34.9

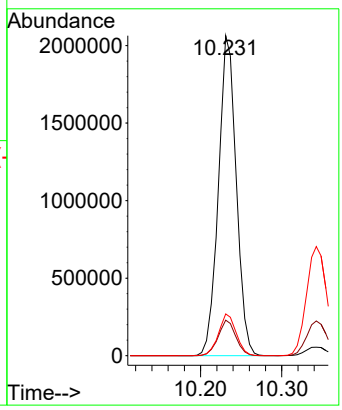




#31
Naphthalene
Concen: 39.276 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 315525

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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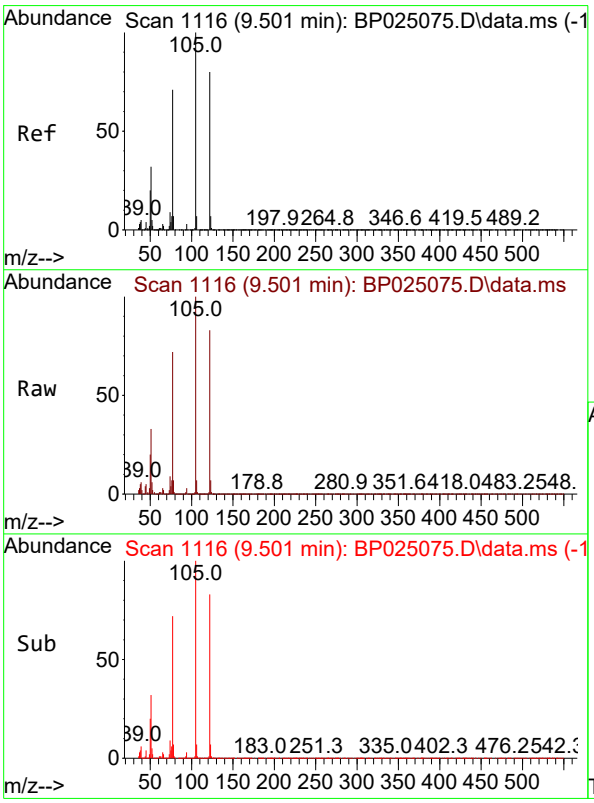
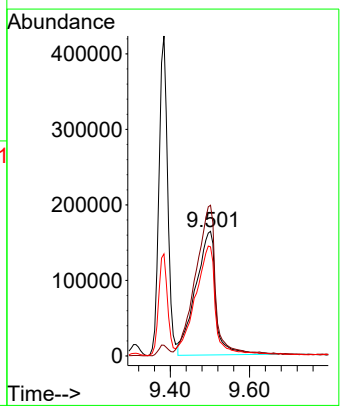
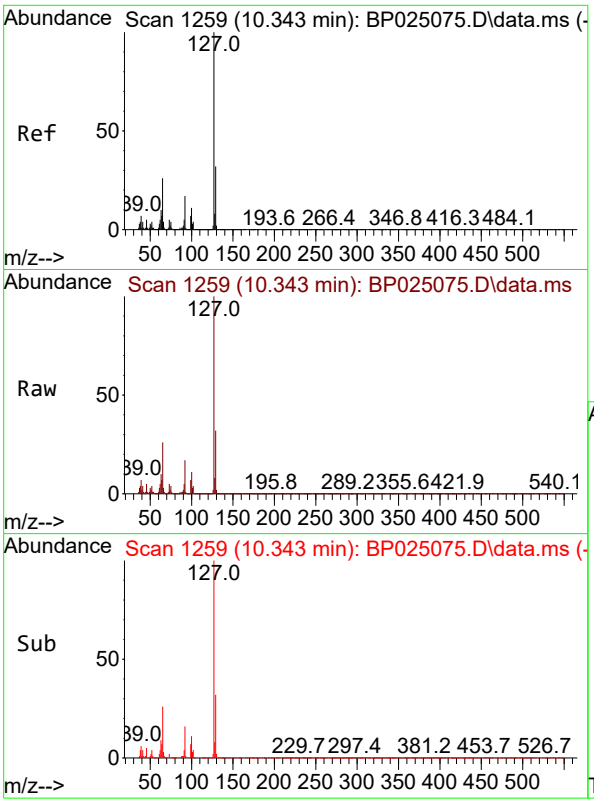


#32
Benzoic acid
Concen: 38.533 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 581334

Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.0	141.0
77	87.6	67.6	107.6

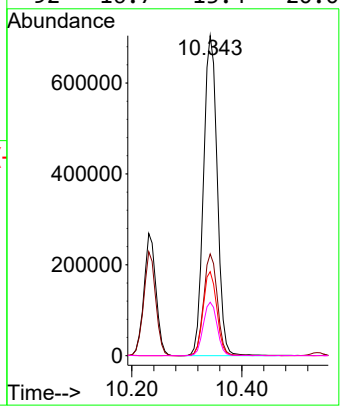




#33
4-Chloroaniline
Concen: 40.595 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:127 Resp: 121705

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	26.3	21.0	31.6
92	16.7	13.4	20.0



Instrument :
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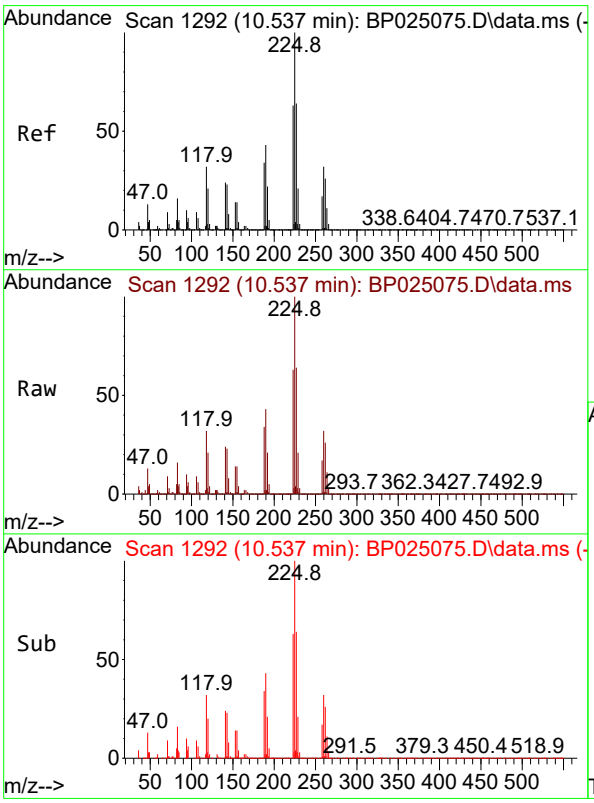
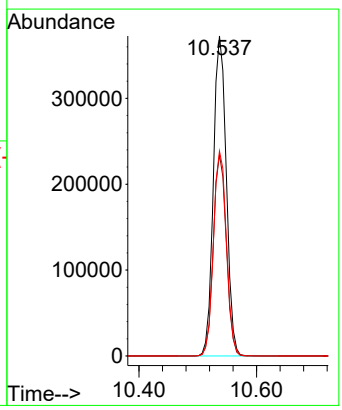
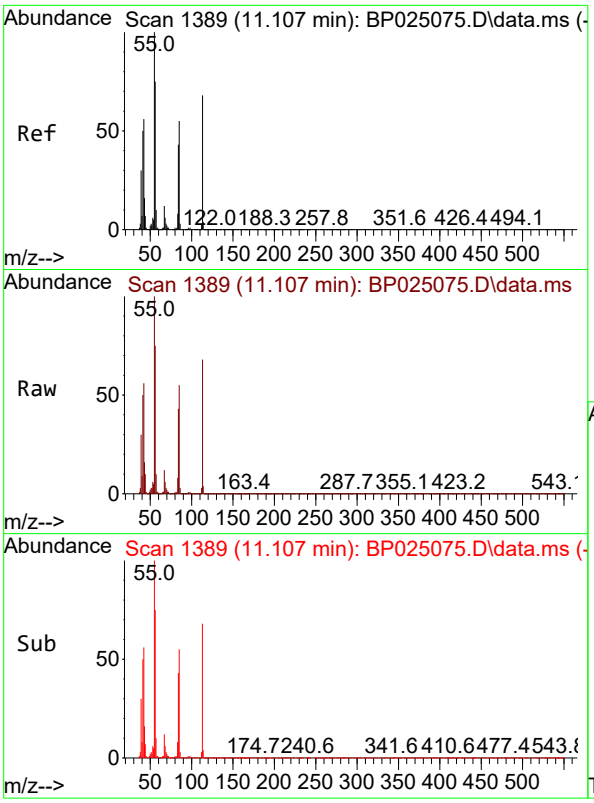


#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:225 Resp: 567921

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	64.1	51.3	76.9

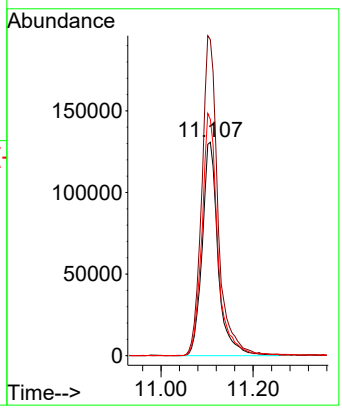




#35
Caprolactam
Concen: 40.469 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:113 Resp: 31394

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	110.7	90.7	130.7



Instrument :
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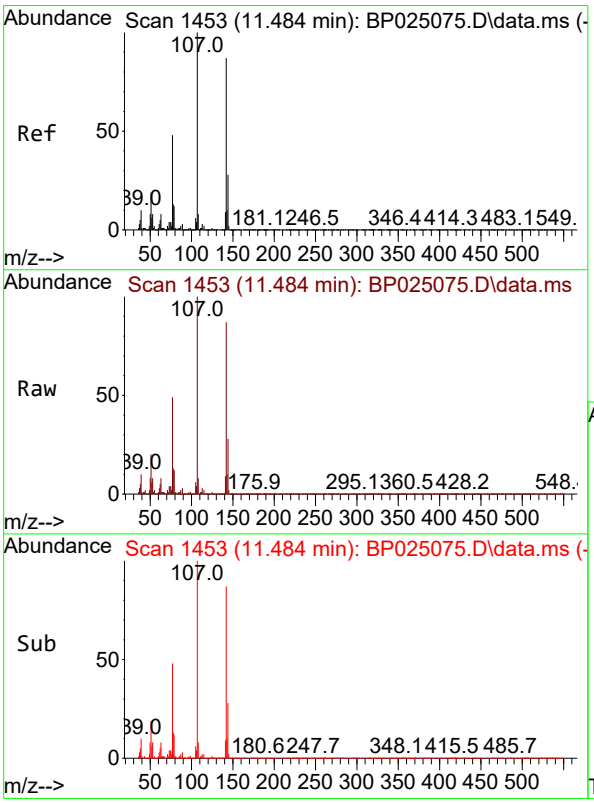
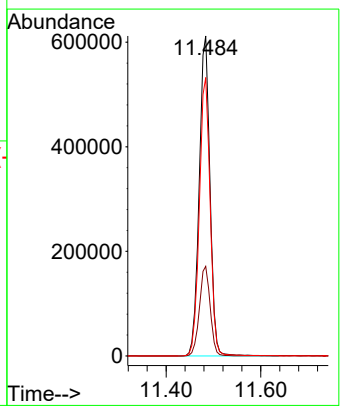
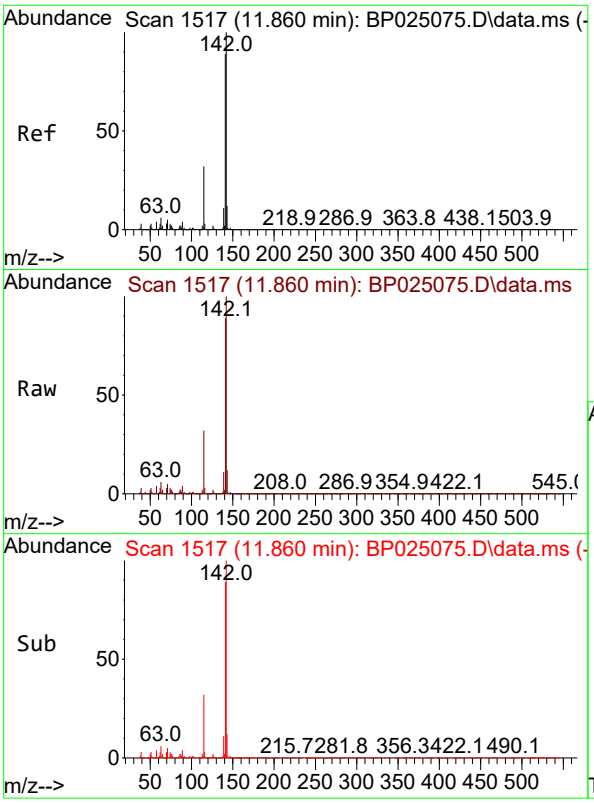


#36
4-Chloro-3-methylphenol
Concen: 40.733 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 965263

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.0	69.6	104.4

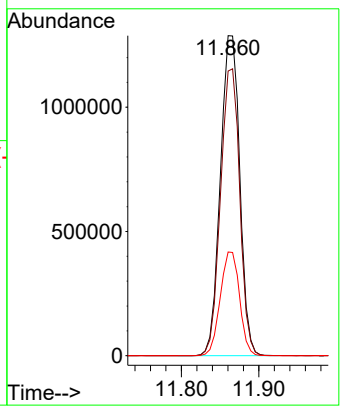




#37
2-Methylnaphthalene
Concen: 39.530 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 224064

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	32.4	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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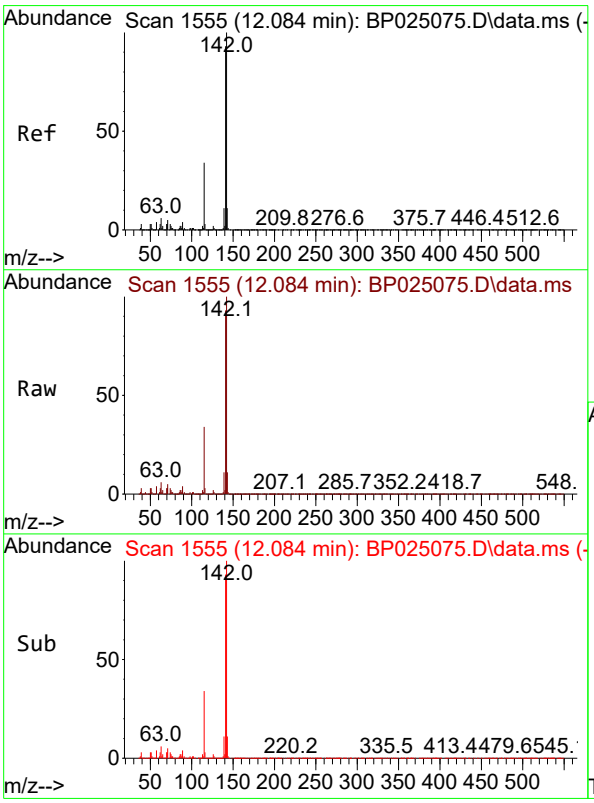
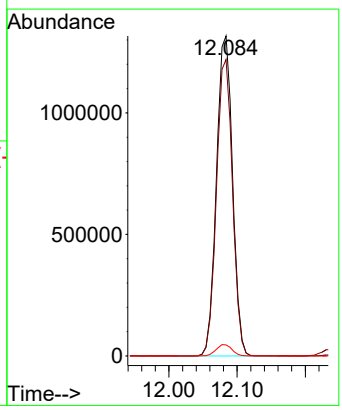
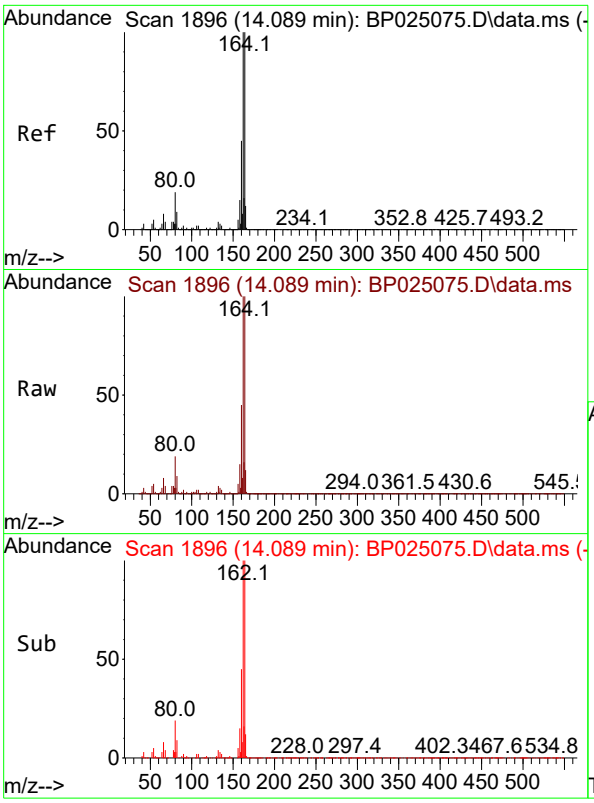


#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 2158945

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	3.4	2.7	4.1

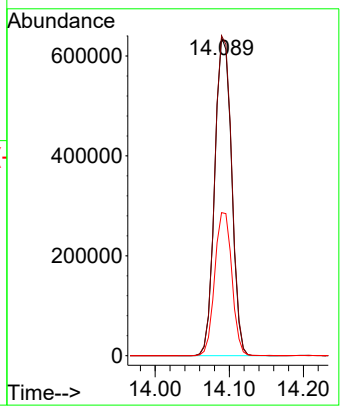




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:164 Resp: 100310

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.9	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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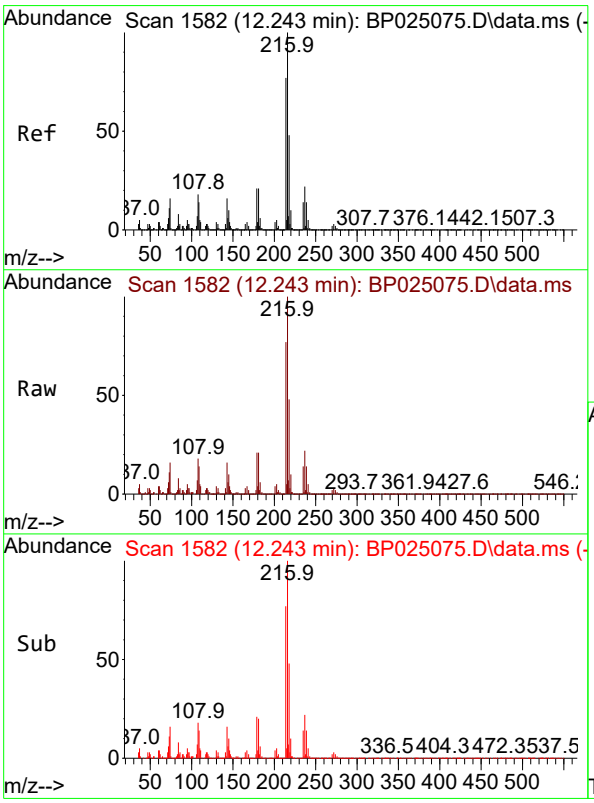
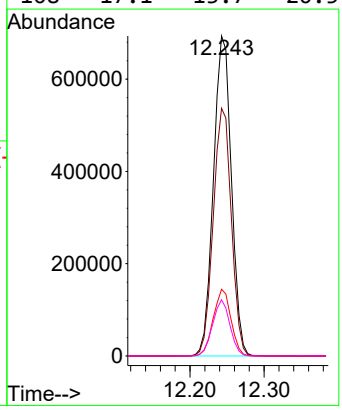
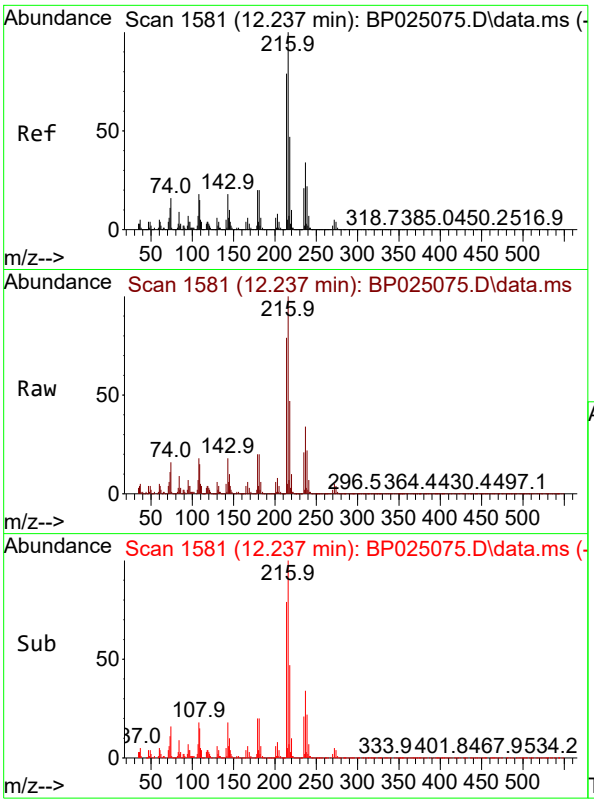


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.396 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:216 Resp: 1164588

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.6	16.5	24.7
108	17.1	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 29891

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.6	0.0	33.6

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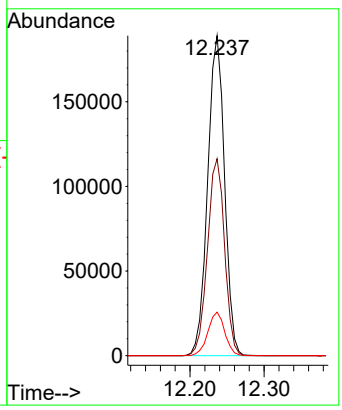
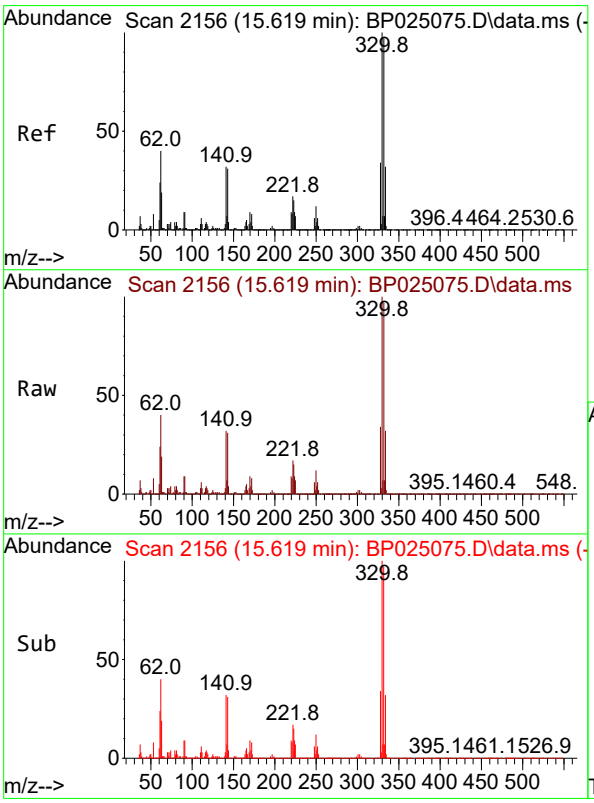
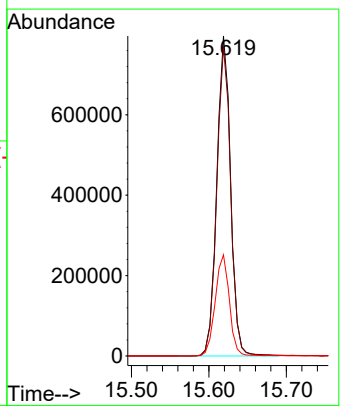


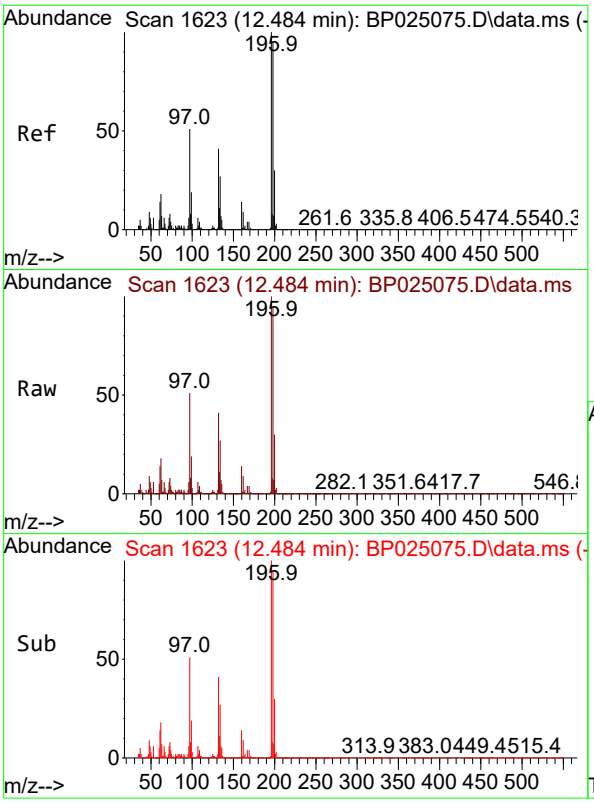


#42
2,4,6-Tribromophenol
Concen: 83.301 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:330 Resp: 987112

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.5	26.0	39.0

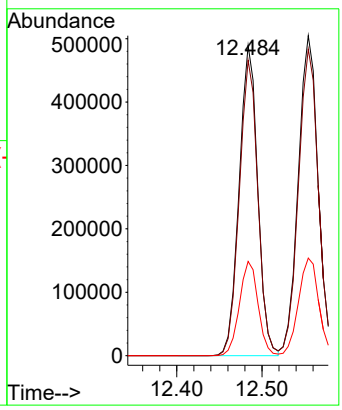




#43
2,4,6-Trichlorophenol
Concen: 42.497 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 74183

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.4	24.3	36.5



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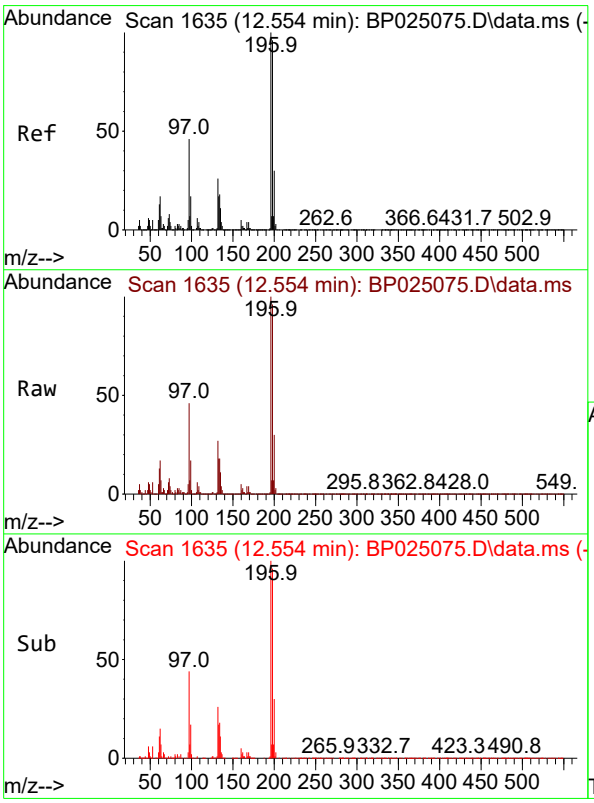
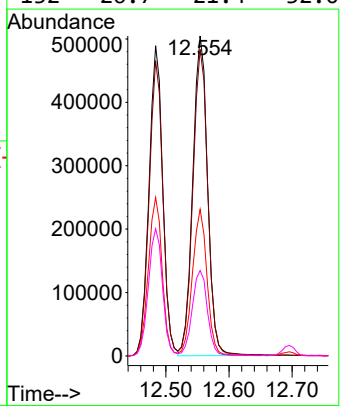
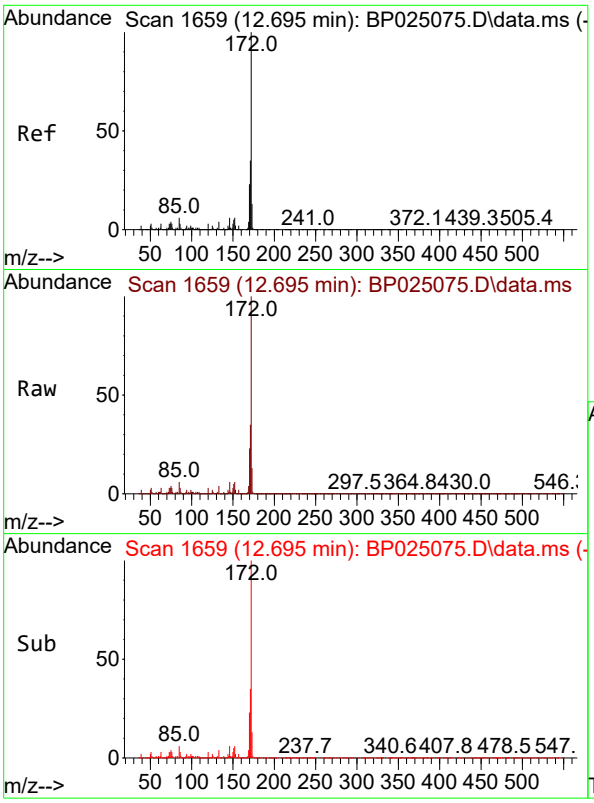


#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 824324

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	45.8	36.6	55.0
132	26.7	21.4	32.0

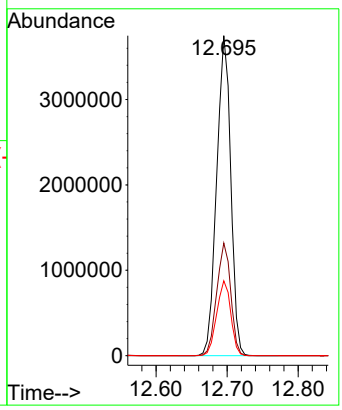




#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:172 Resp: 513252

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.7	28.1



Instrument :
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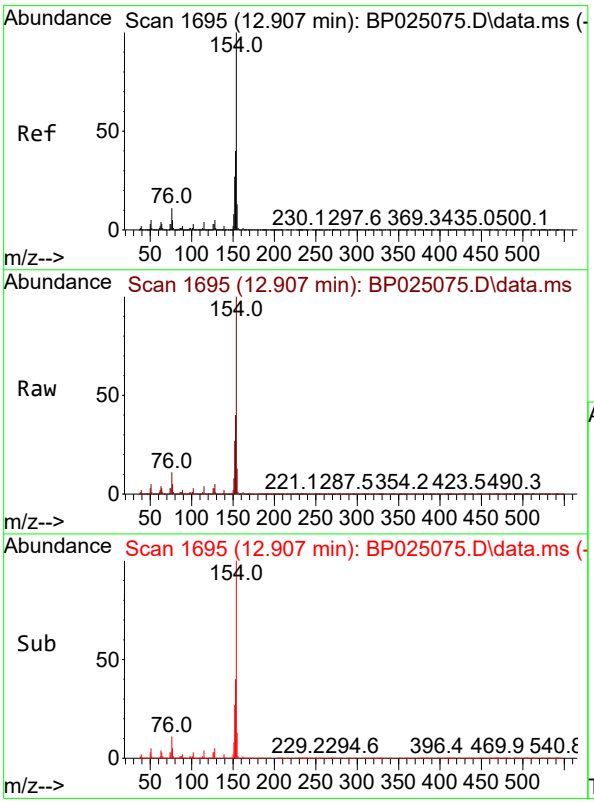
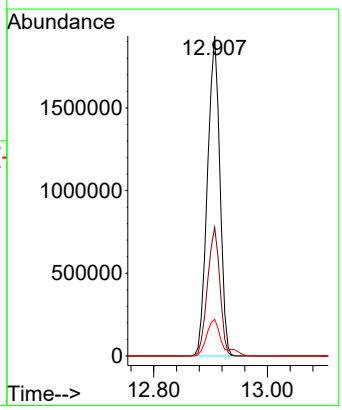
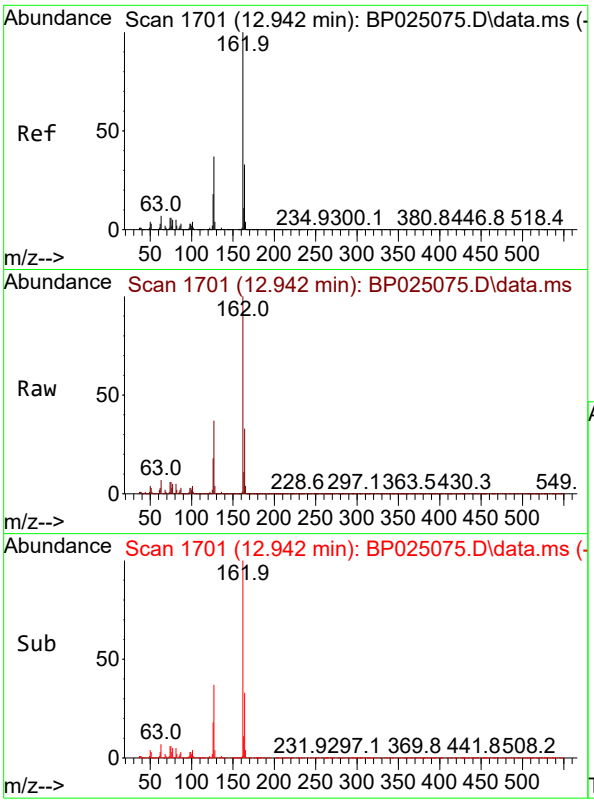


#46
1,1'-Biphenyl
Concen: 39.957 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2916222

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.5	0.0	31.5

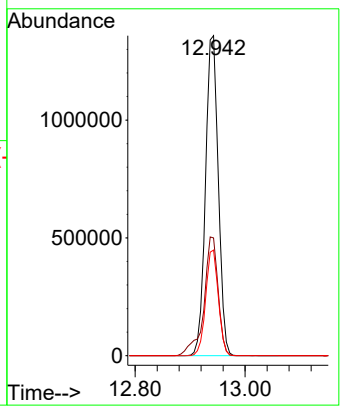




#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:162 Resp: 218823

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	33.0	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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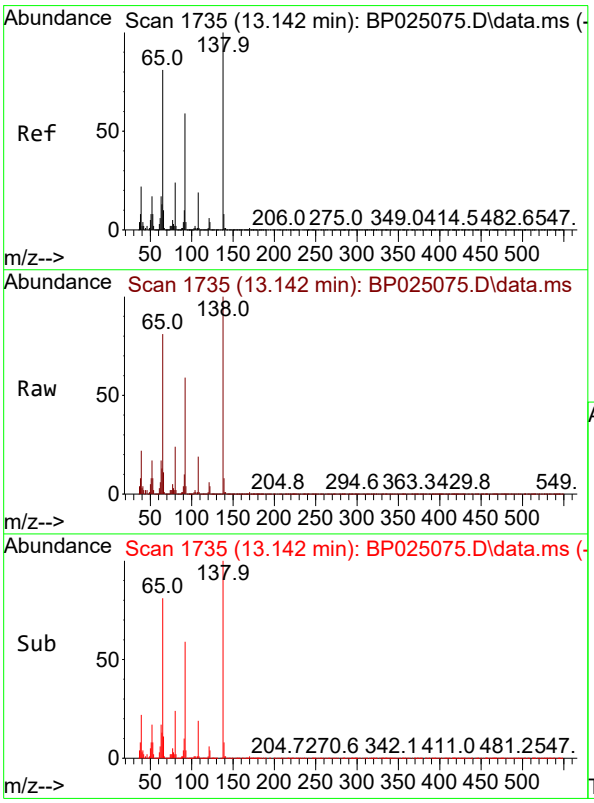
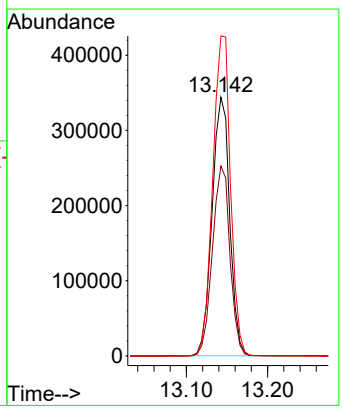
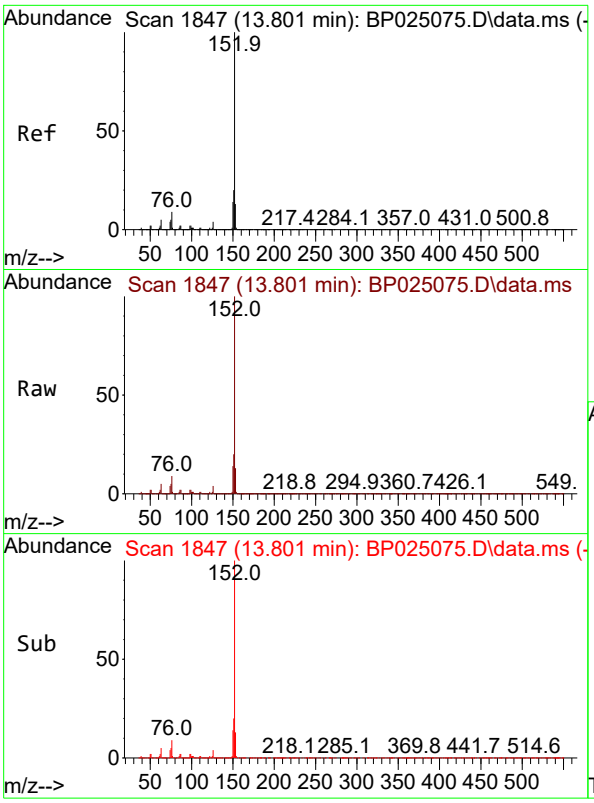


#48
2-Nitroaniline
Concen: 39.182 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 65 Resp: 519267

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	123.7	99.0	148.4

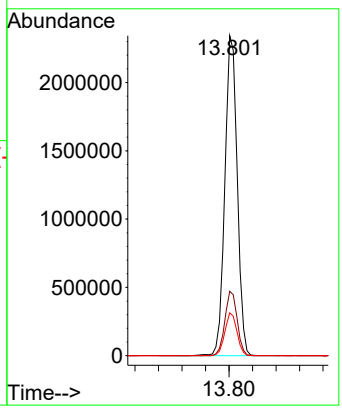




#49
Acenaphthylene
Concen: 40.657 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:152 Resp: 341348

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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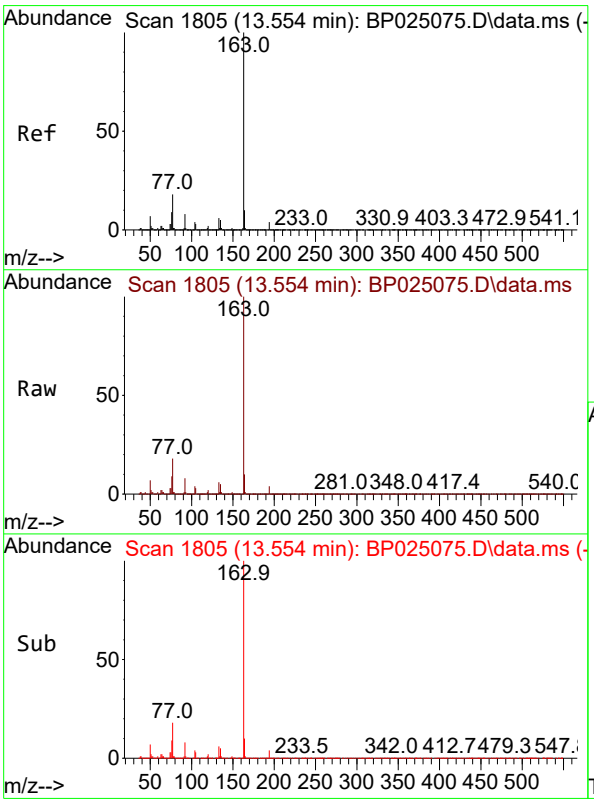
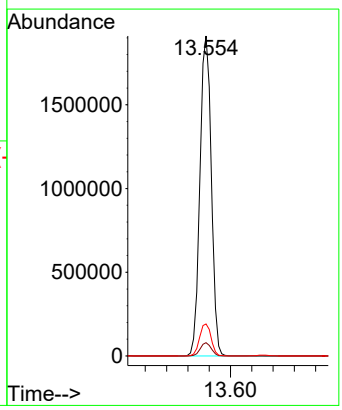
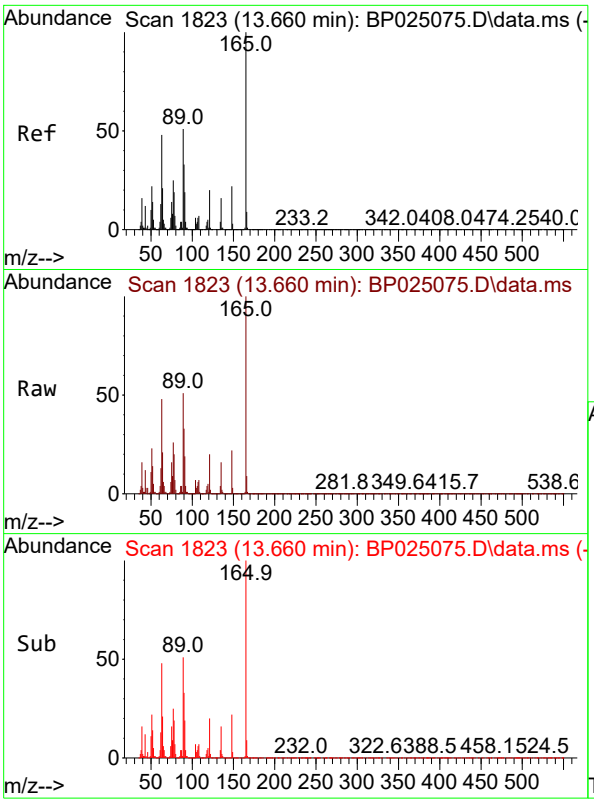


#50
Dimethylphthalate
Concen: 40.234 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:163 Resp: 2825141

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0

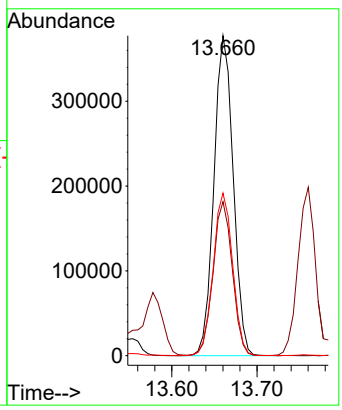




#51
2,6-Dinitrotoluene
Concen: 43.253 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:165 Resp: 59232

Ion	Ratio	Lower	Upper
165	100		
63	48.1	38.5	57.7
89	50.8	40.6	61.0



Instrument :
BNA_P
ClientSampleId :
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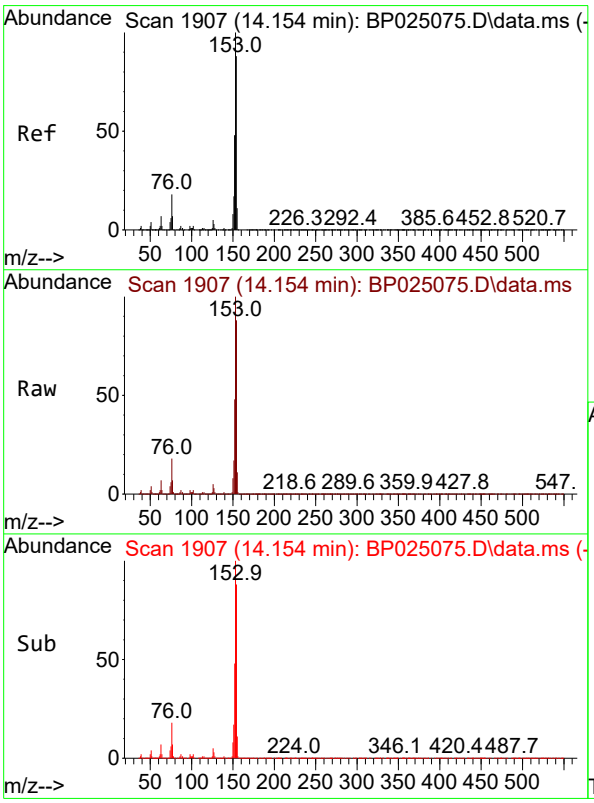
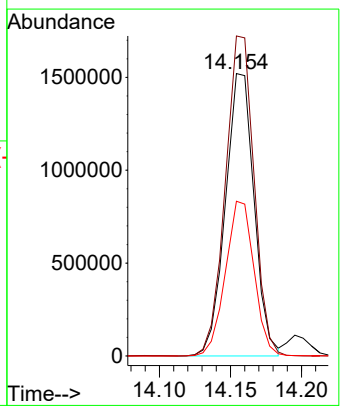
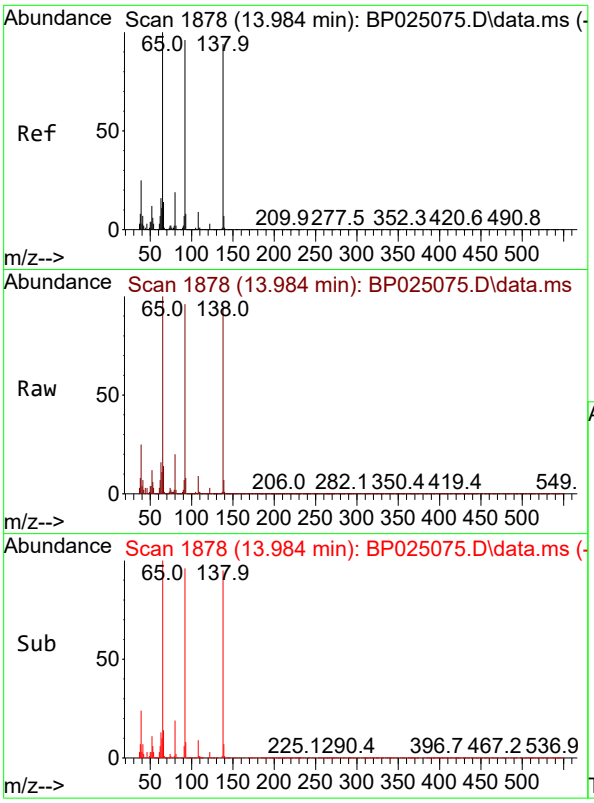


#52
Acenaphthene
Concen: 39.537 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2139419

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	54.8	43.8	65.8





#53
3-Nitroaniline
Concen: 43.937 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 64483

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	101.2	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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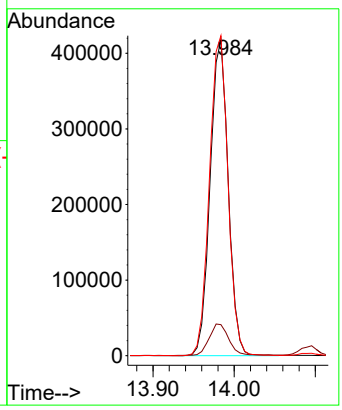
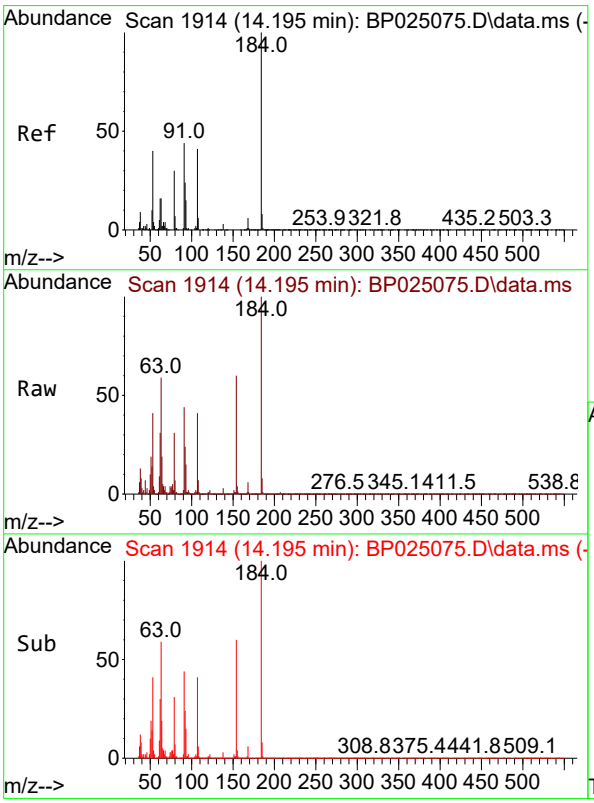
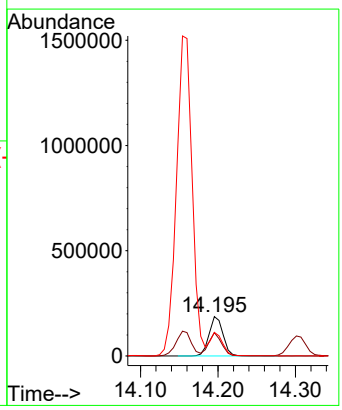


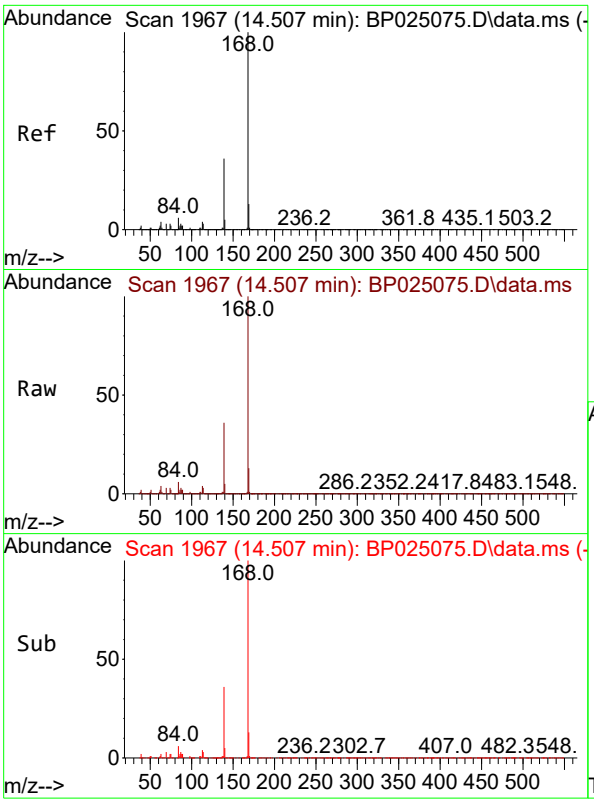


#54
2,4-Dinitrophenol
Concen: 38.110 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 234827

Ion	Ratio	Lower	Upper
184	100		
63	59.2	47.4	71.0
154	59.8	47.8	71.8

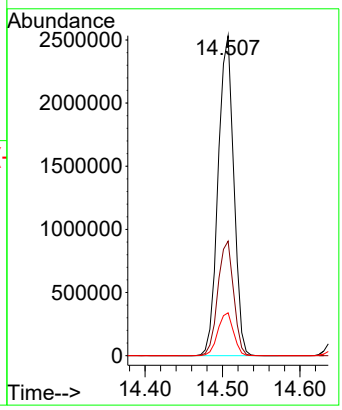




#55
Dibenzofuran
Concen: 39.719 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:168 Resp: 354710

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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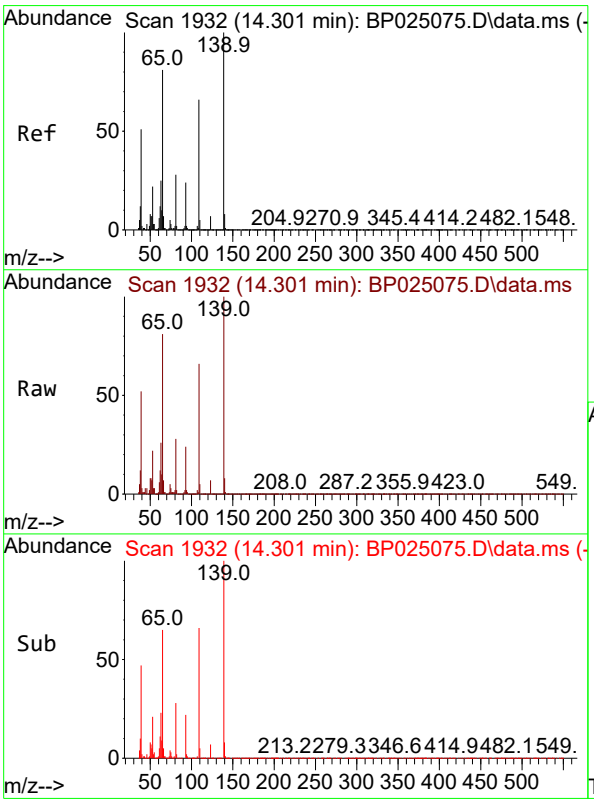
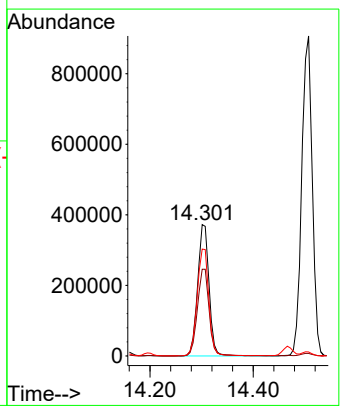
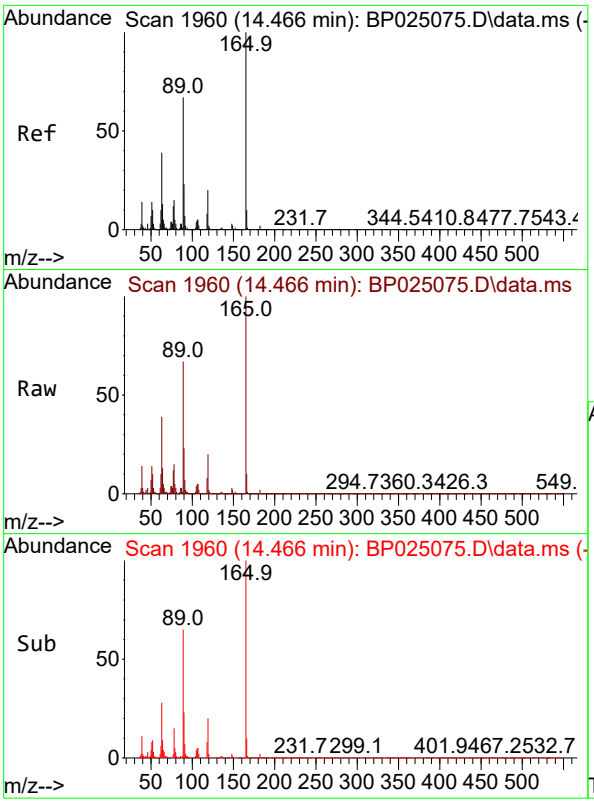


#56
4-Nitrophenol
Concen: 42.263 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 572405

Ion	Ratio	Lower	Upper
139	100		
109	65.9	45.9	85.9
65	81.4	61.4	101.4

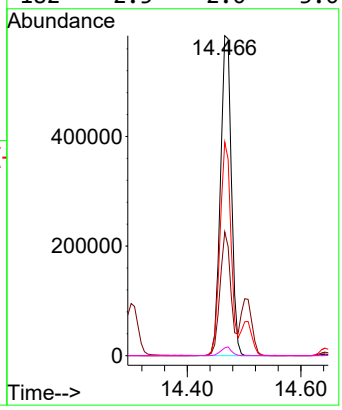




#57
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:165 Resp: 78548

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.4
89	66.7	53.4	80.0
182	2.5	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
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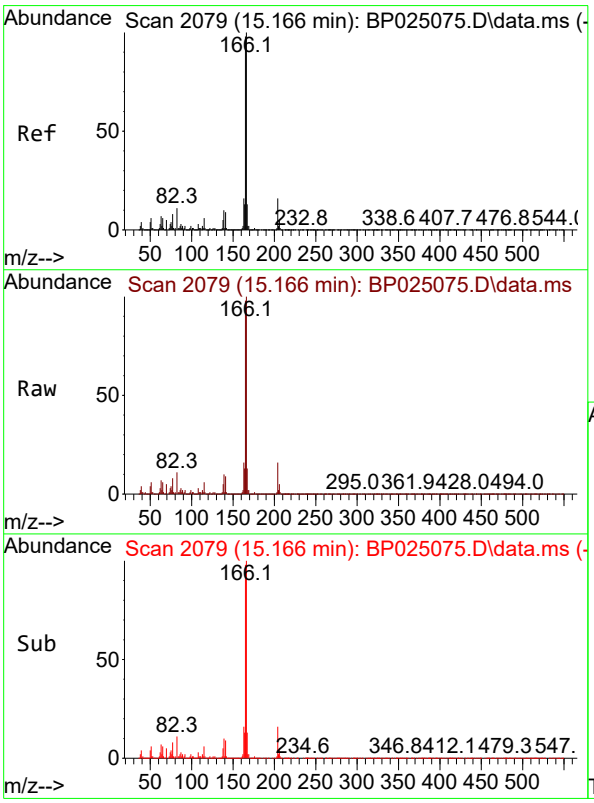
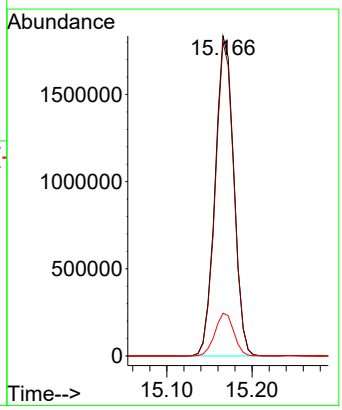
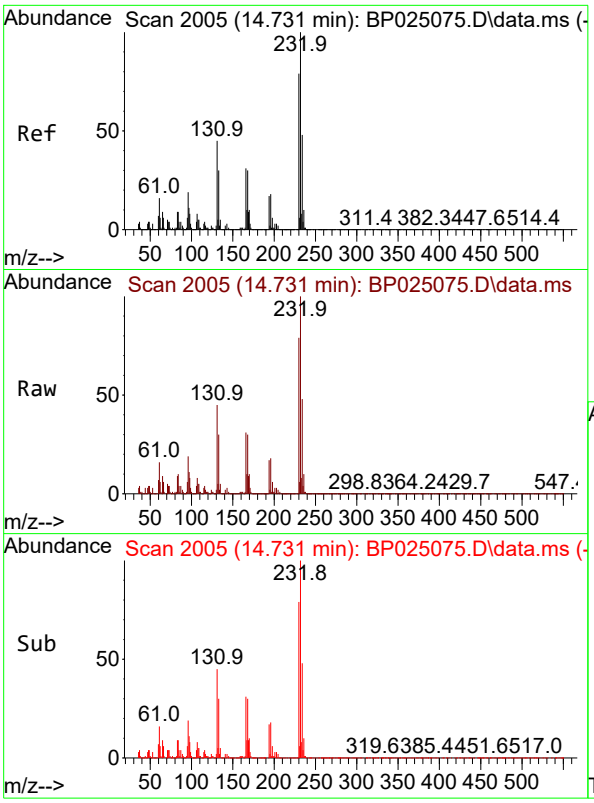


#58
Fluorene
Concen: 40.454 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:166 Resp: 2794372

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.7	16.1

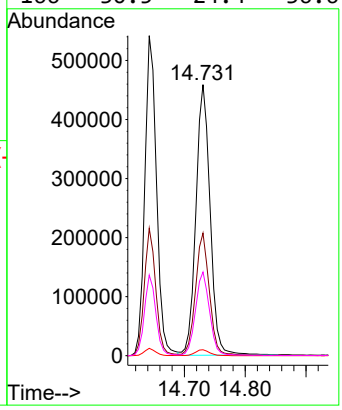




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:232 Resp: 74272

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.7	53.5
130	2.2	1.8	2.6
166	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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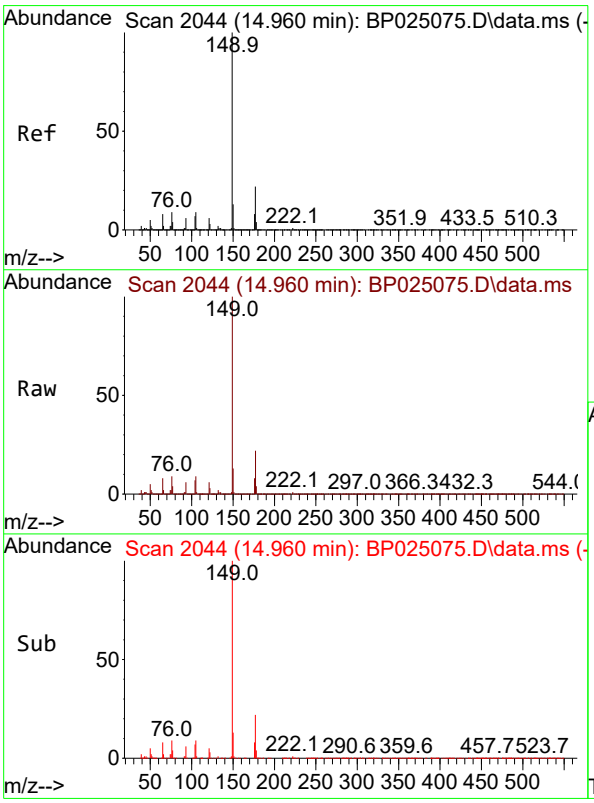
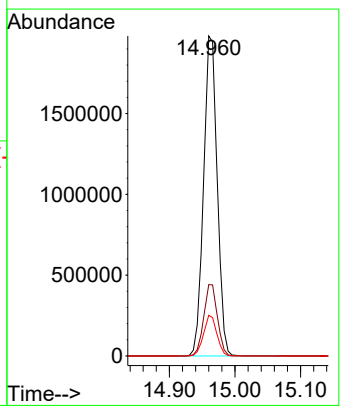
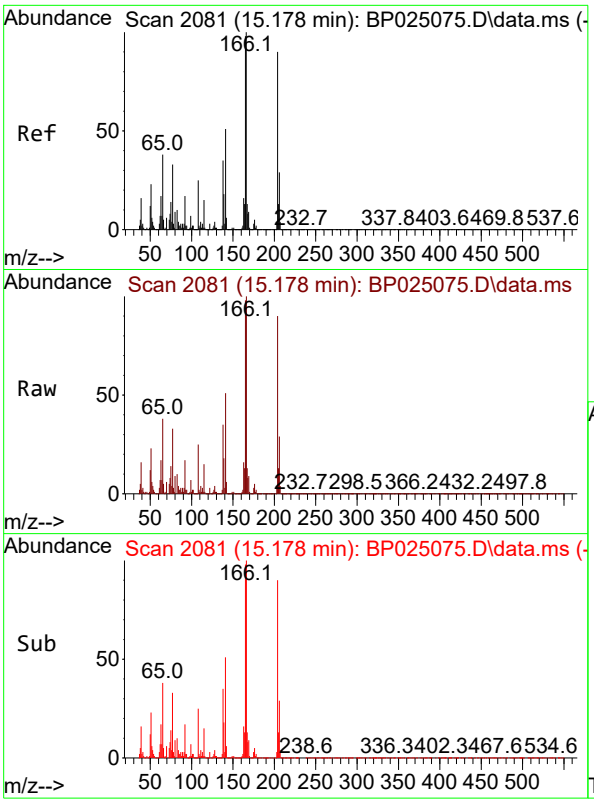


#60
Diethylphthalate
Concen: 40.639 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 2866041

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.7	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.829 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:204 Resp: 136153

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	56.4	45.1	67.7

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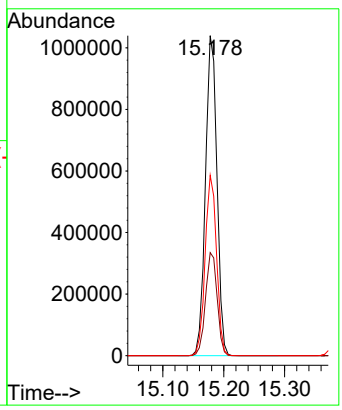
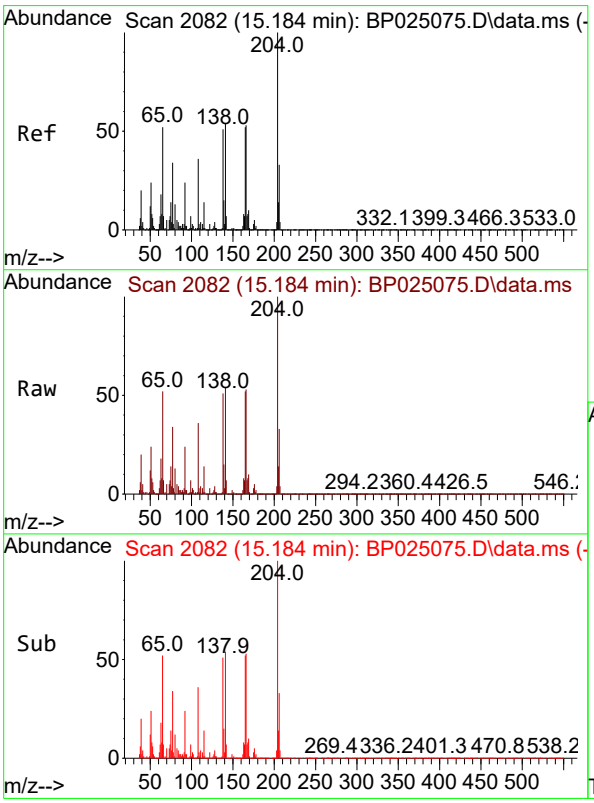
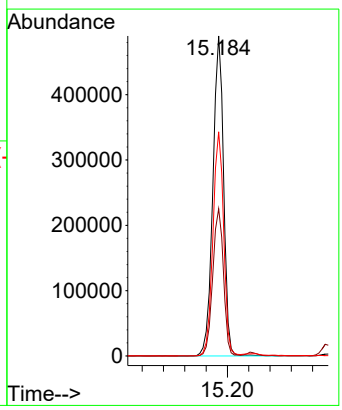


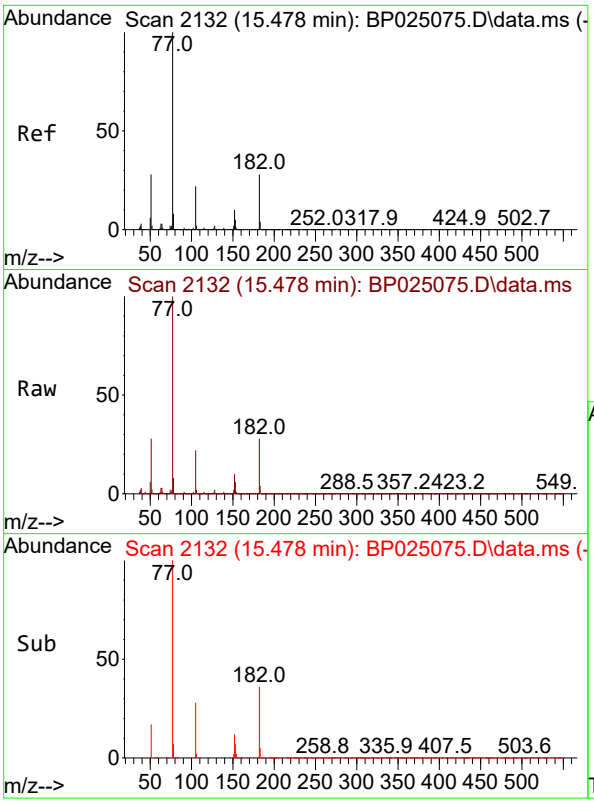


#62
4-Nitroaniline
Concen: 44.618 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 686633

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	70.0	50.0	90.0

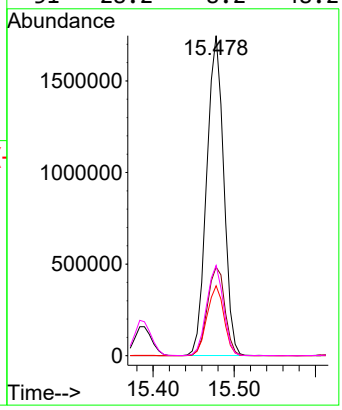




#63
Azobenzene
Concen: 40.400 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 253714

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	28.2	8.2	48.2



Instrument :
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ClientSampleId :
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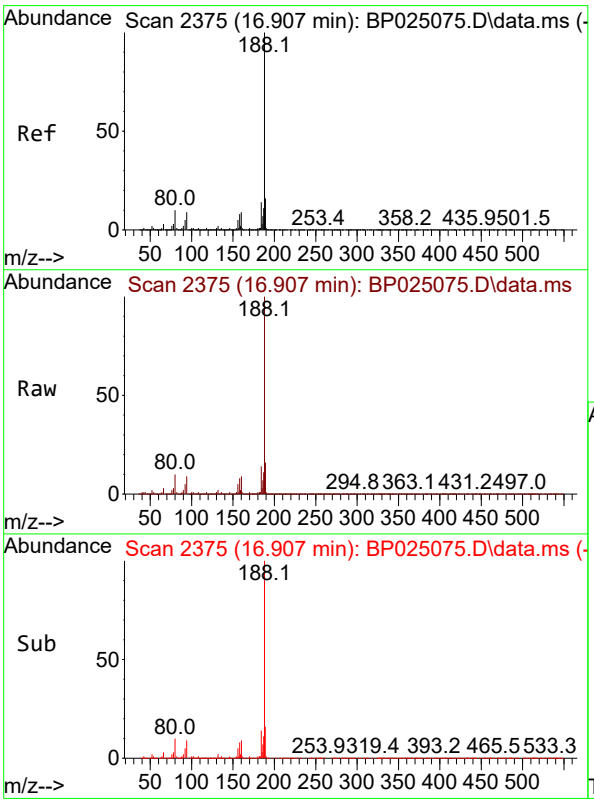
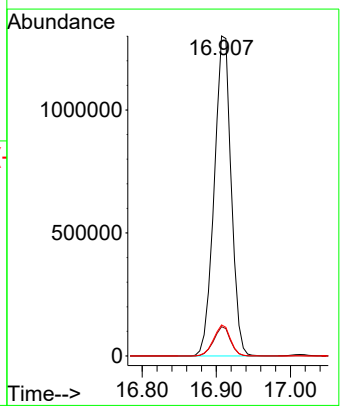
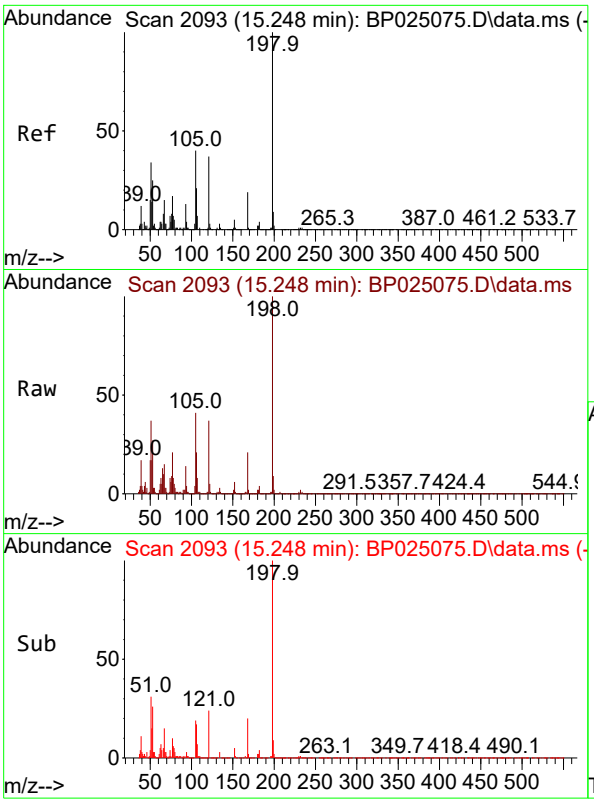


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:188 Resp: 2062708

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.7	7.8	11.6

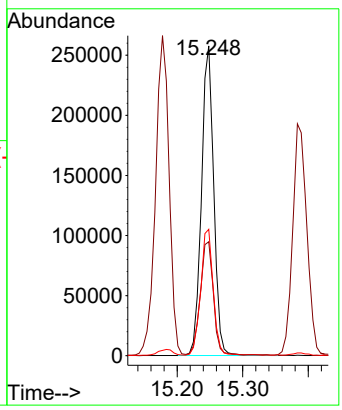




#65
4,6-Dinitro-2-methylphenol
Concen: 37.190 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:198 Resp: 33574

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.8	56.8
105	40.8	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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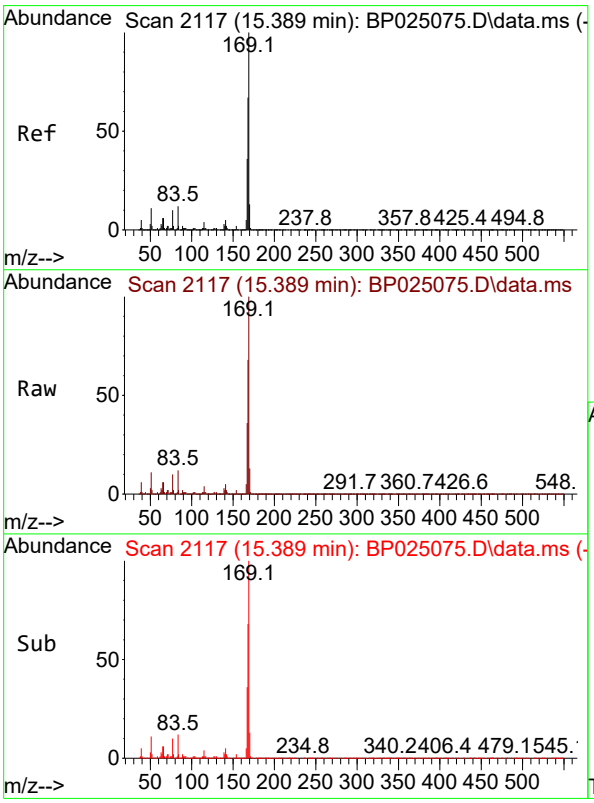
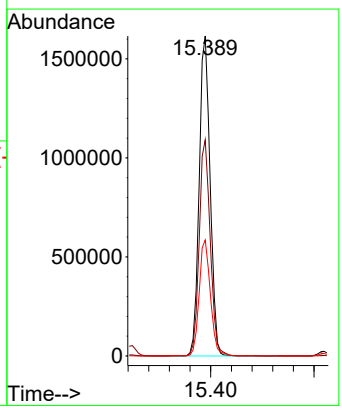
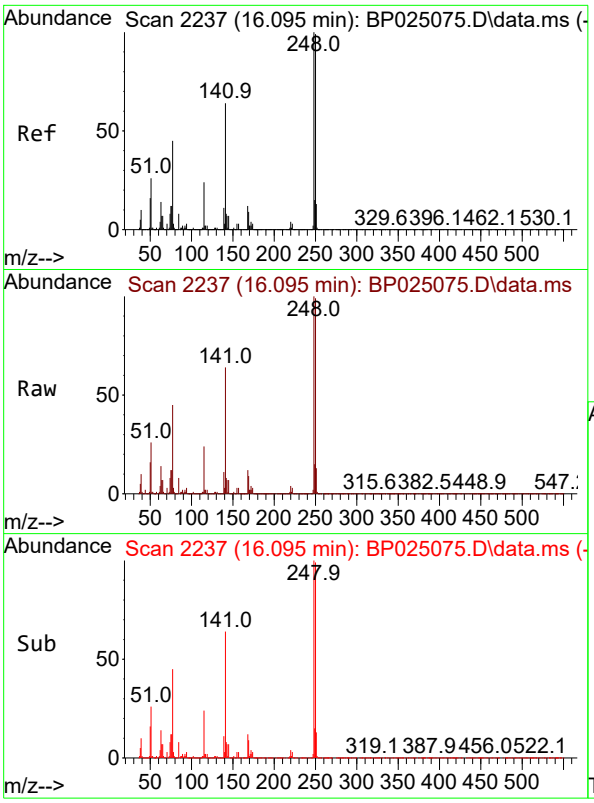


#66
n-Nitrosodiphenylamine
Concen: 40.069 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:169 Resp: 2365317

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.3	29.0	43.6

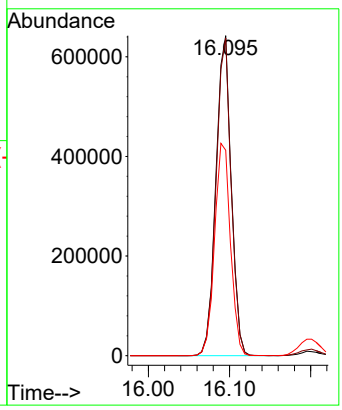




#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:248 Resp: 84396

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	64.2	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
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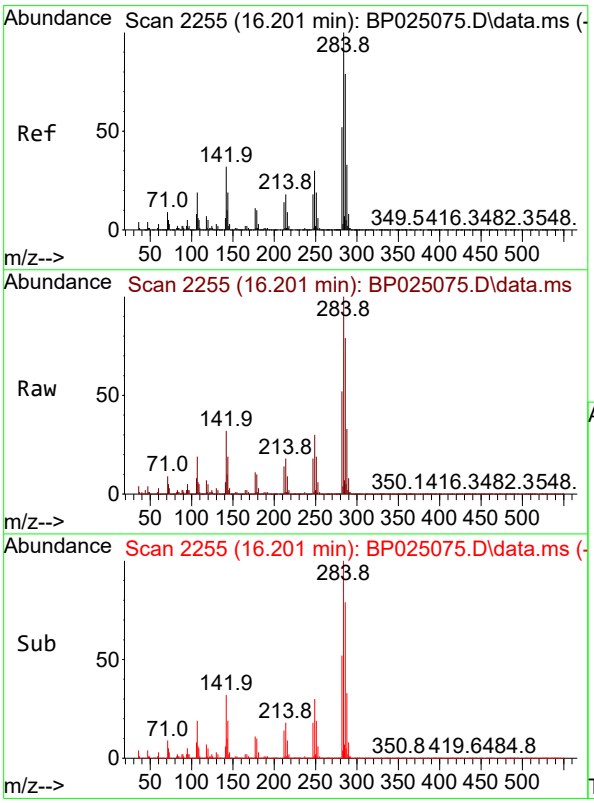
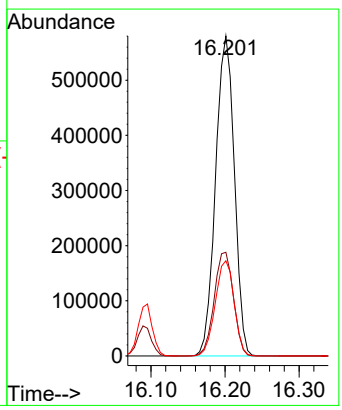
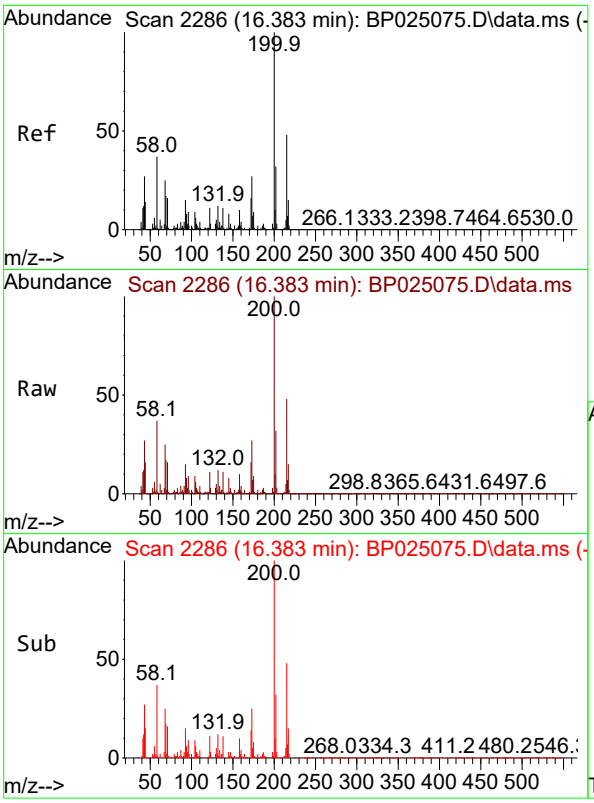


#68
Hexachlorobenzene
Concen: 39.541 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:284 Resp: 1020715

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	29.8	23.8	35.8





#69
Atrazine
Concen: 41.121 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 71132

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.0	28.0	68.0

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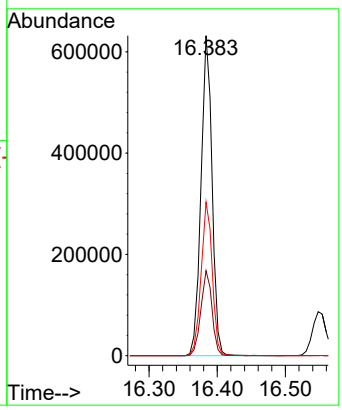
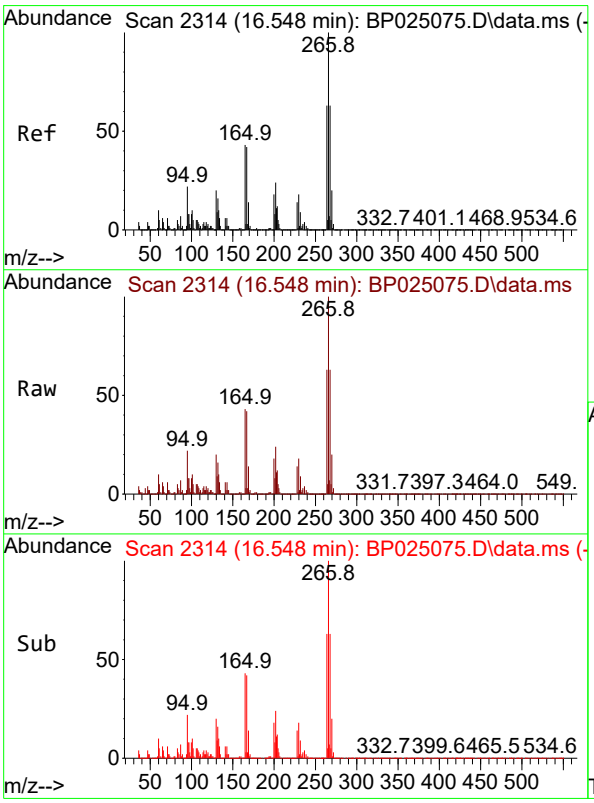
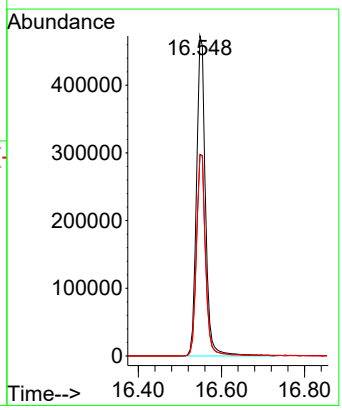


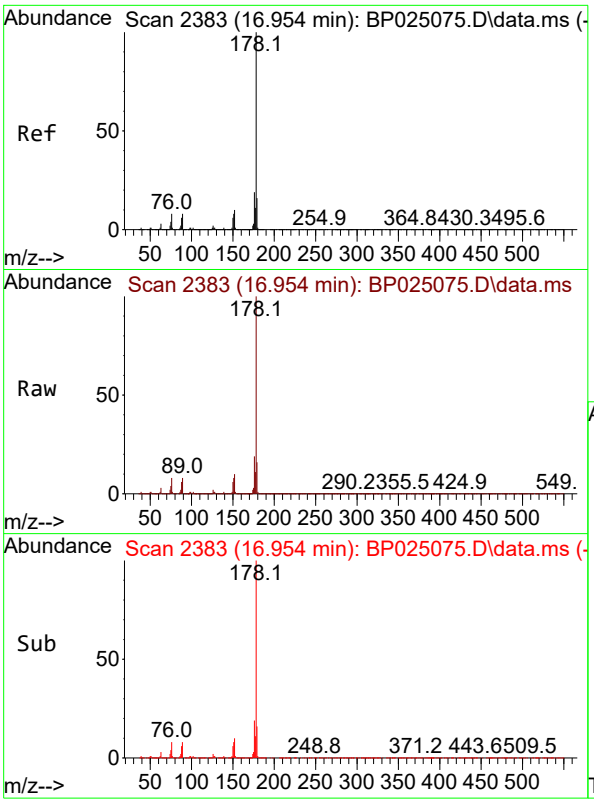


#70
Pentachlorophenol
Concen: 40.604 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:266 Resp: 707874

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.4	75.6
264	62.7	50.2	75.2

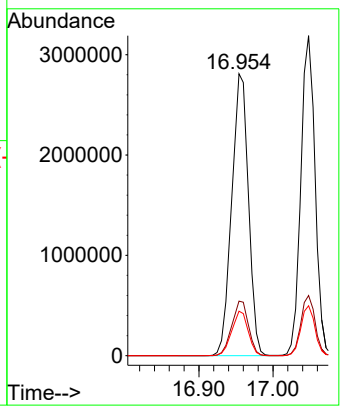




#71
Phenanthrene
Concen: 39.993 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 440798

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0



Instrument :
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ClientSampleId :
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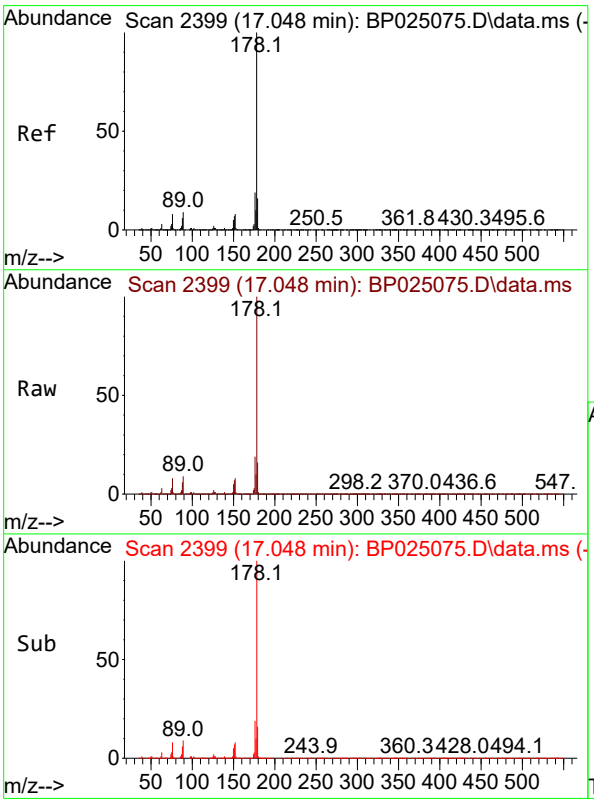
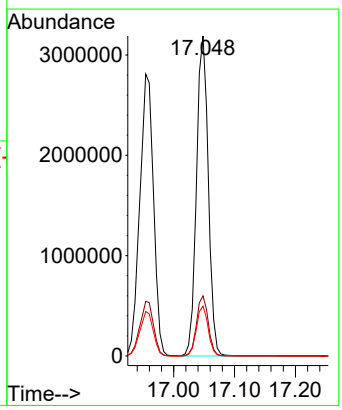
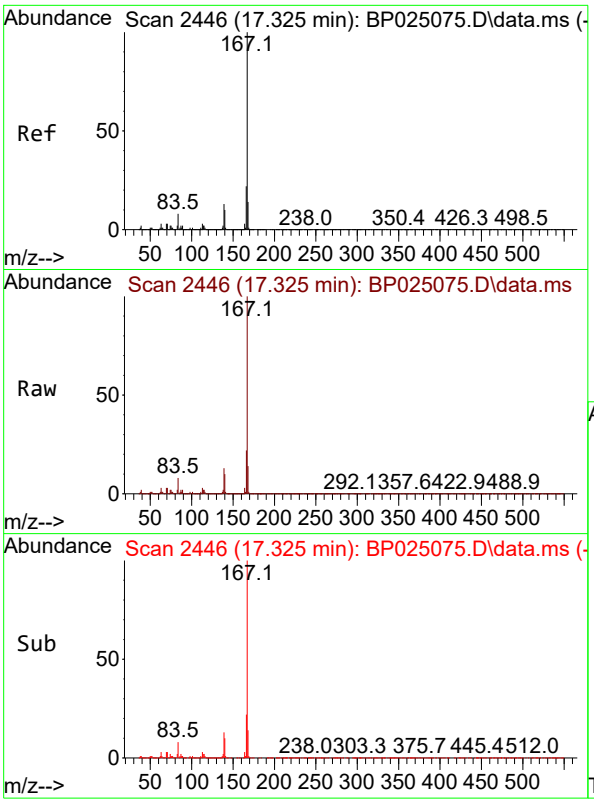


#72
Anthracene
Concen: 40.434 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 4275492

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7

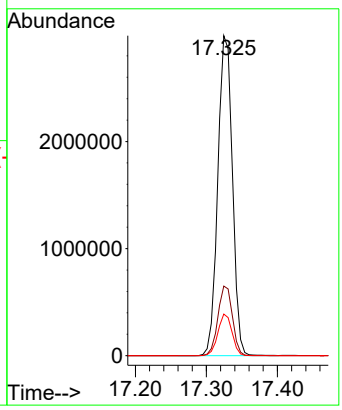




#73
Carbazole
Concen: 41.064 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:167 Resp: 424550

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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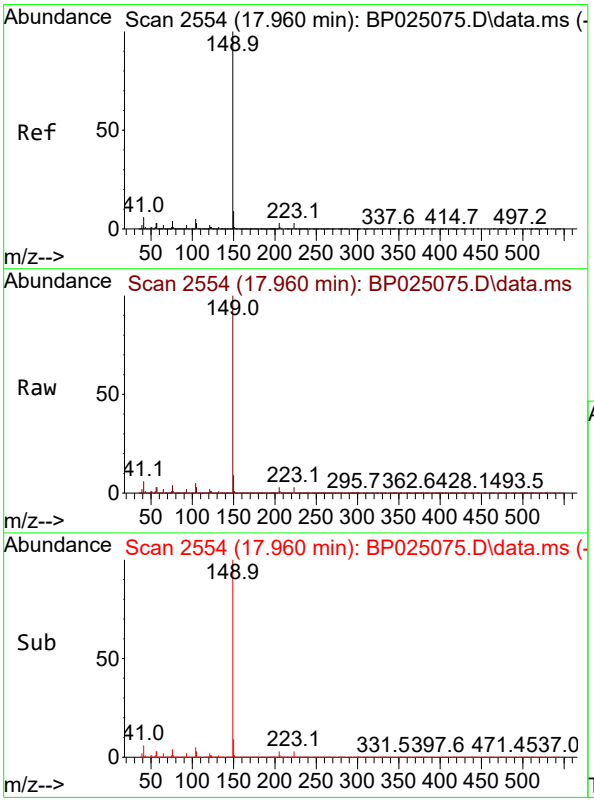
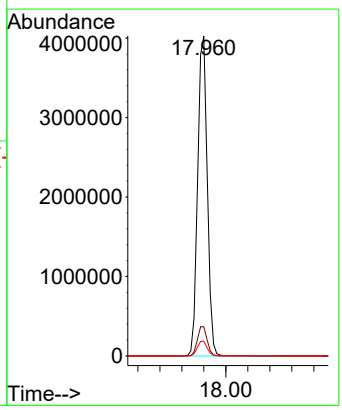
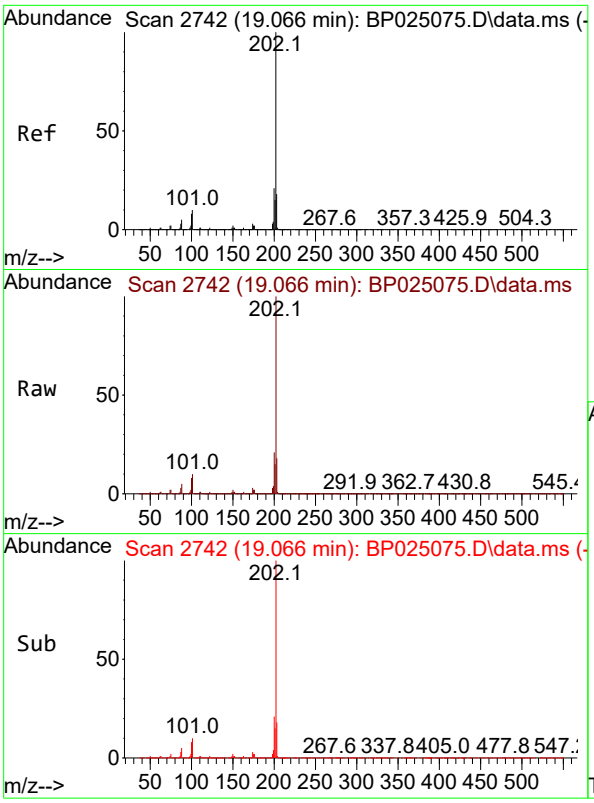


#74
Di-n-butylphthalate
Concen: 42.536 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 4897263

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6

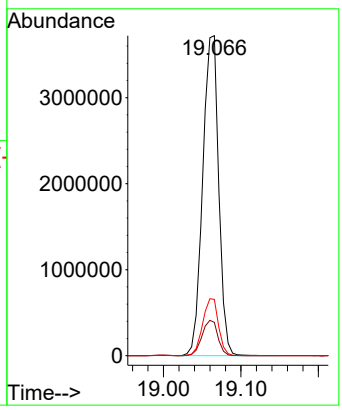




#75
Fluoranthene
Concen: 41.300 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 532090

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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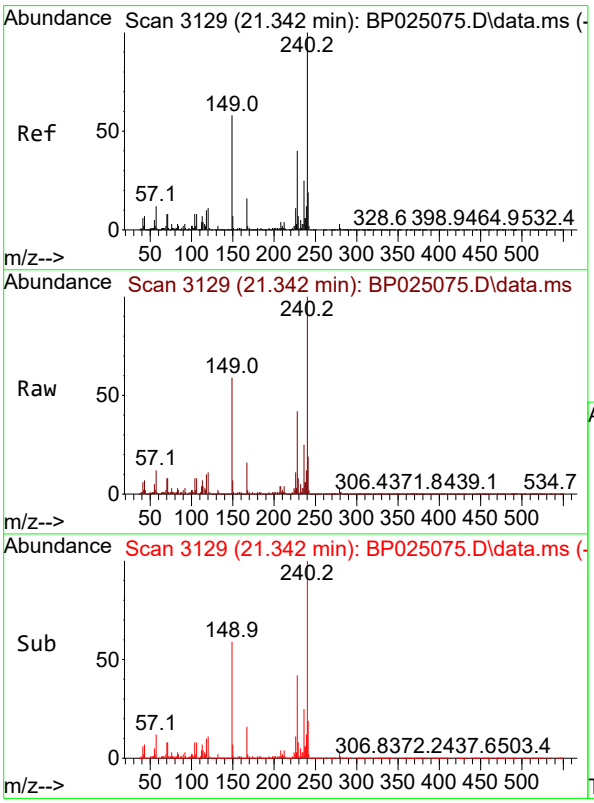
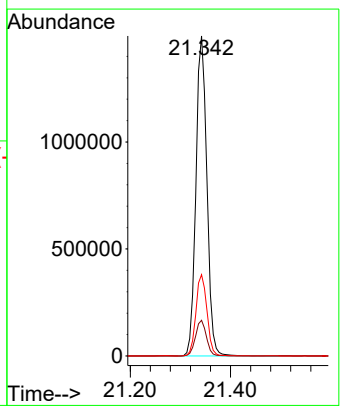
Supervised By :Jagrut Upadhyay 07/07/2025

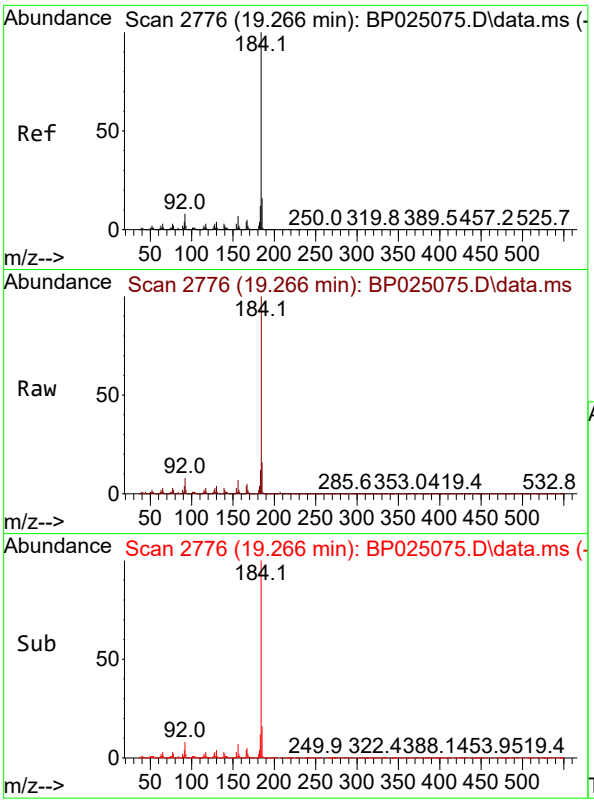


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:240 Resp: 2262594

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.4	20.3	30.5





#77
Benzidine
Concen: 64.686 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 258490

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.8	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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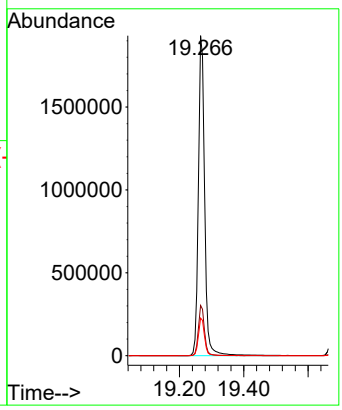
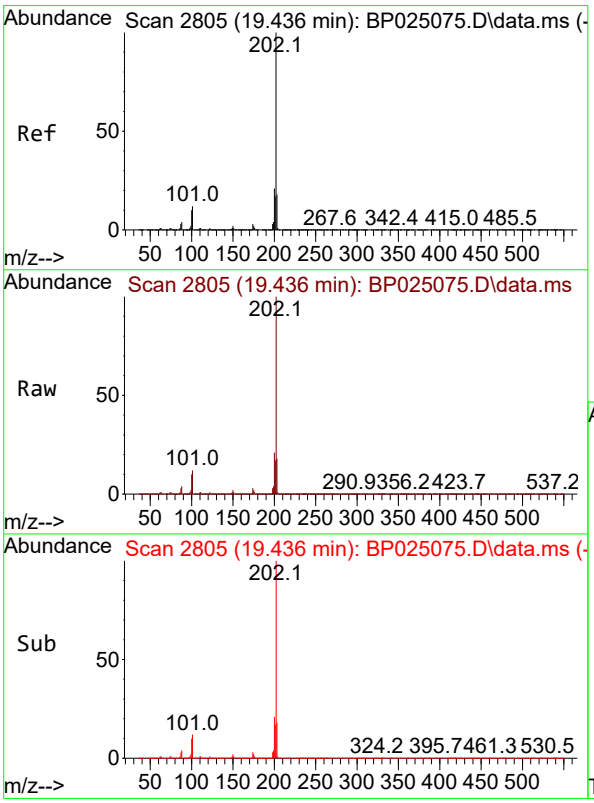
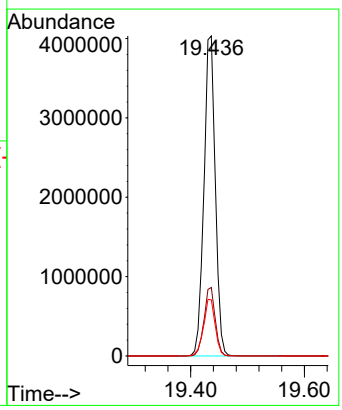


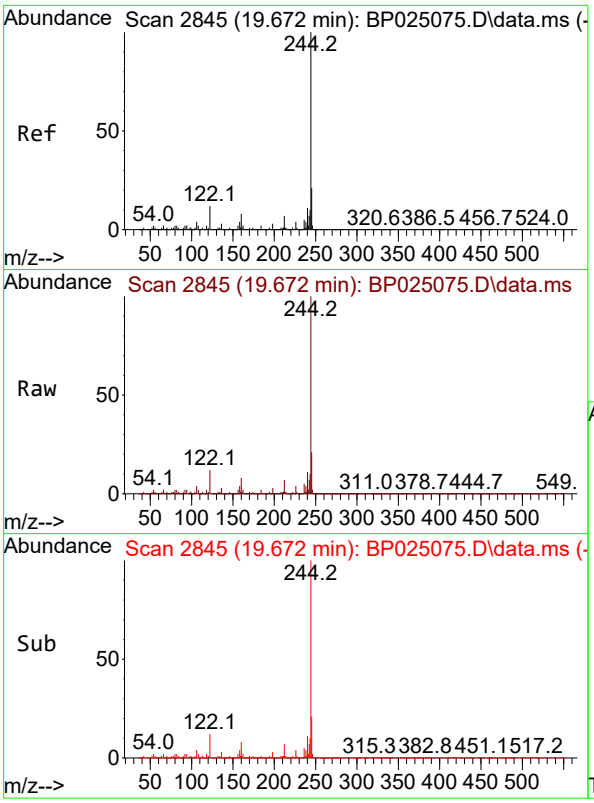


#78
Pyrene
Concen: 39.765 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 5572652

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.1	21.1

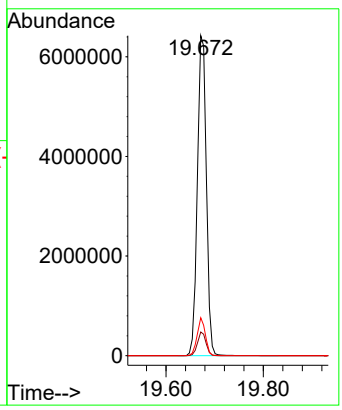




#79
Terphenyl-d14
Concen: 80.394 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:244 Resp: 827649

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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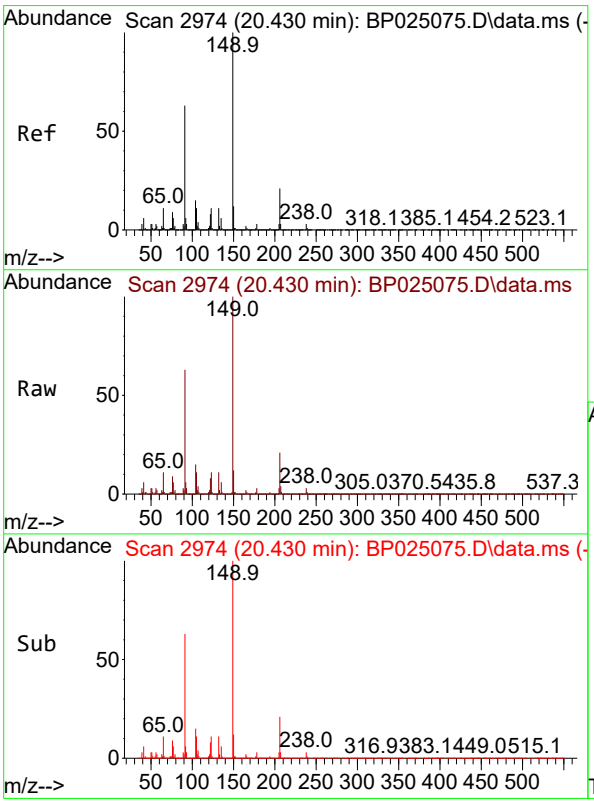
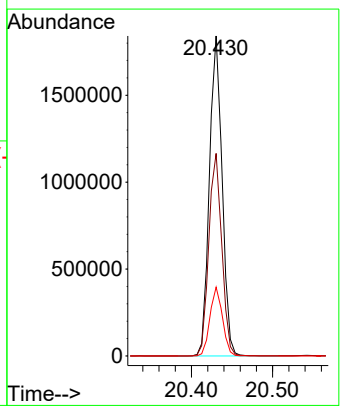
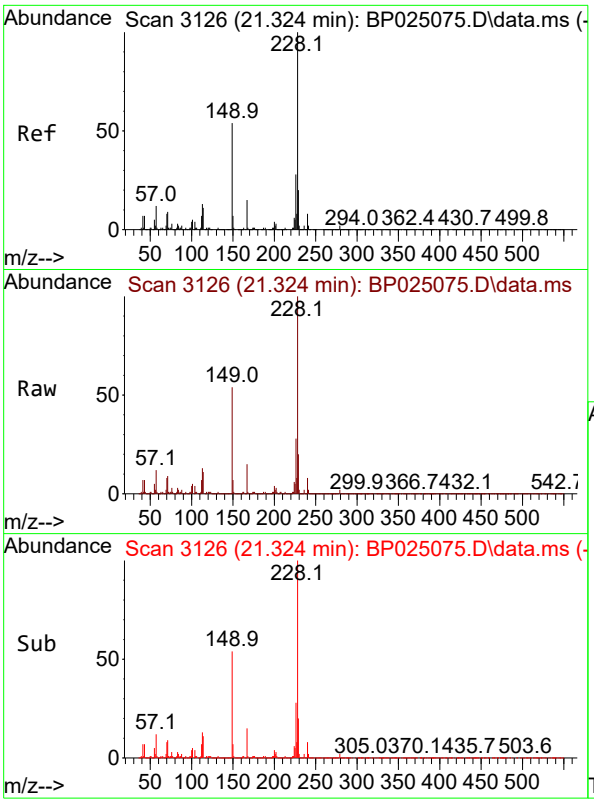


#80
Butylbenzylphthalate
Concen: 37.765 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 1993151

Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	21.5	17.2	25.8

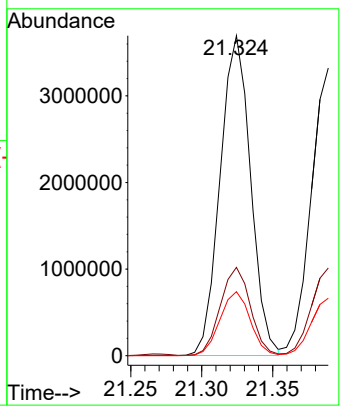




#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:228 Resp: 550784

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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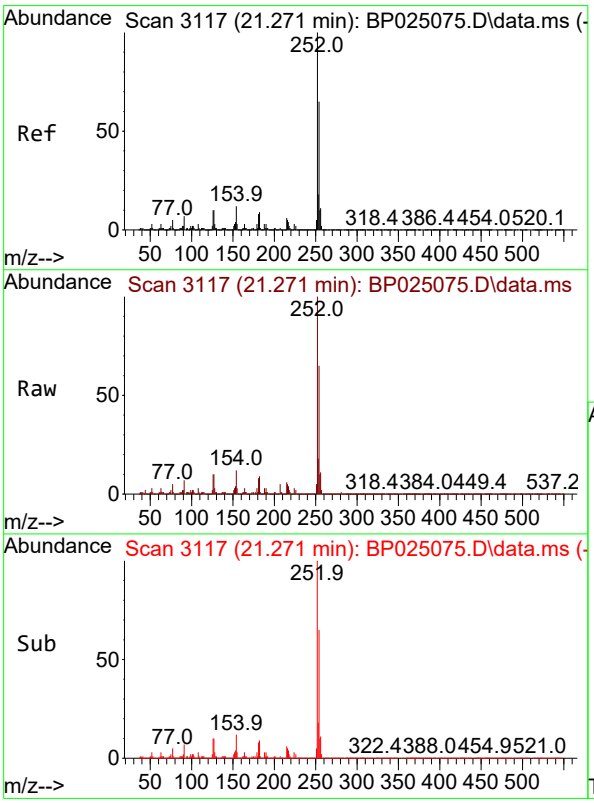
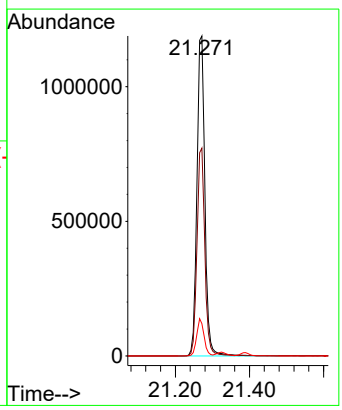
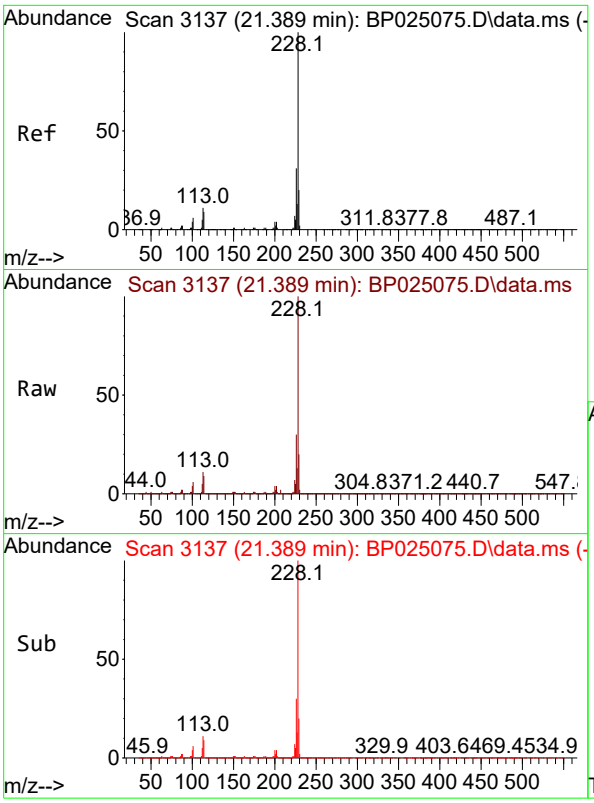


#82
3,3'-Dichlorobenzidine
Concen: 42.735 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 1763991

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.1	8.1	12.1





#83
Chrysene
Concen: 39.742 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:228 Resp: 524404

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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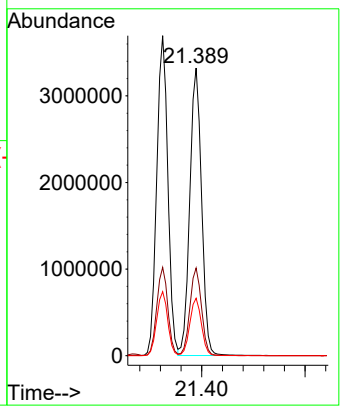
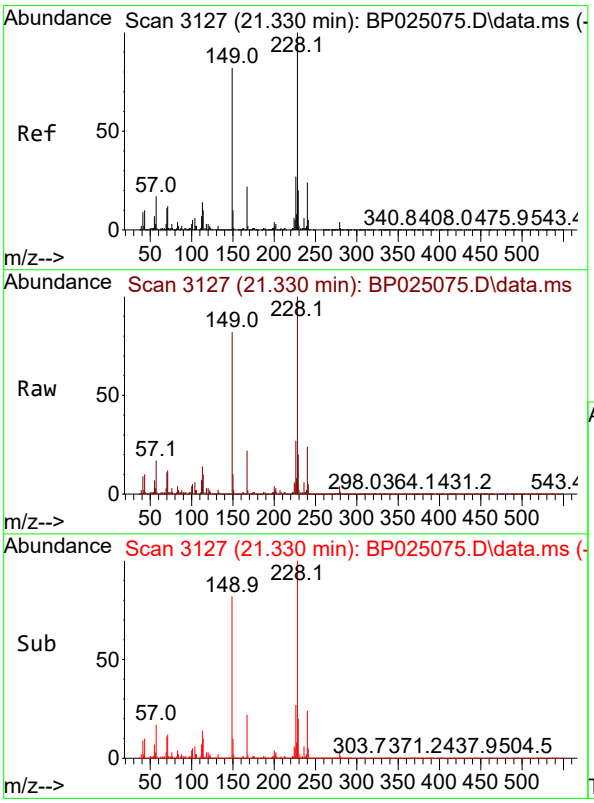
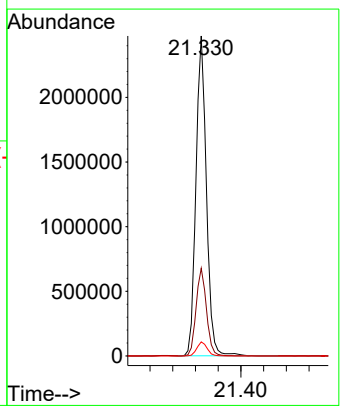


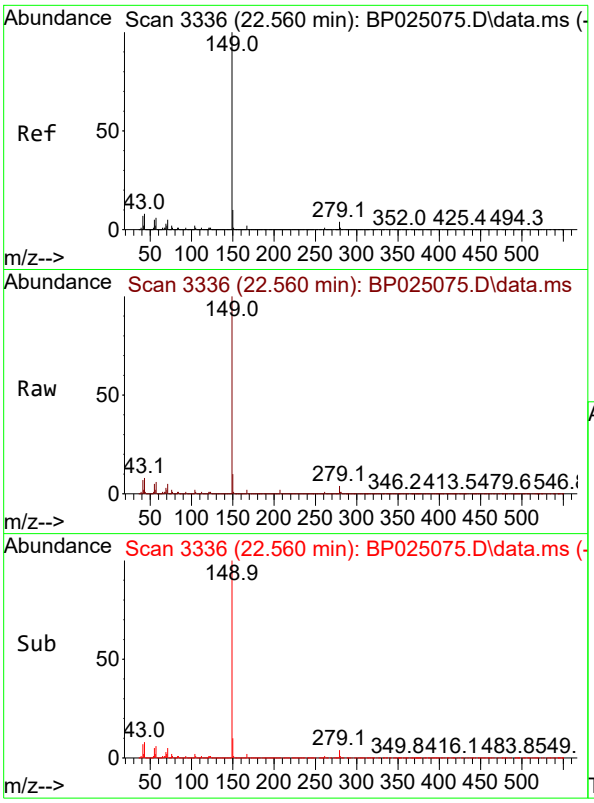


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.232 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 3179611

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.4	3.5	5.3

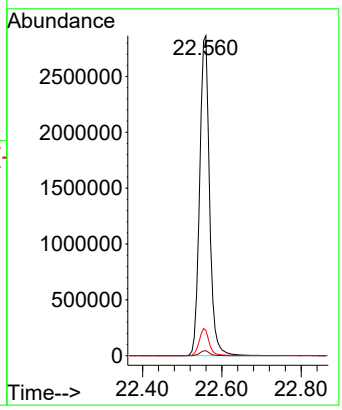




#85
Di-n-octyl phthalate
Concen: 38.152 ng
RT: 22.560 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 495183

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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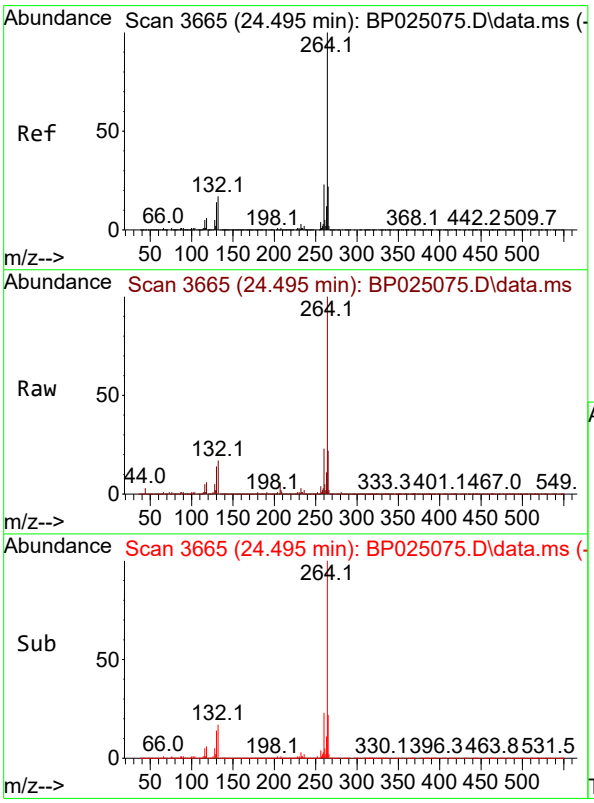
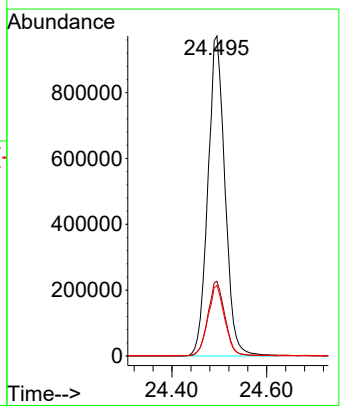
Supervised By :Jagrut Upadhyay 07/07/2025

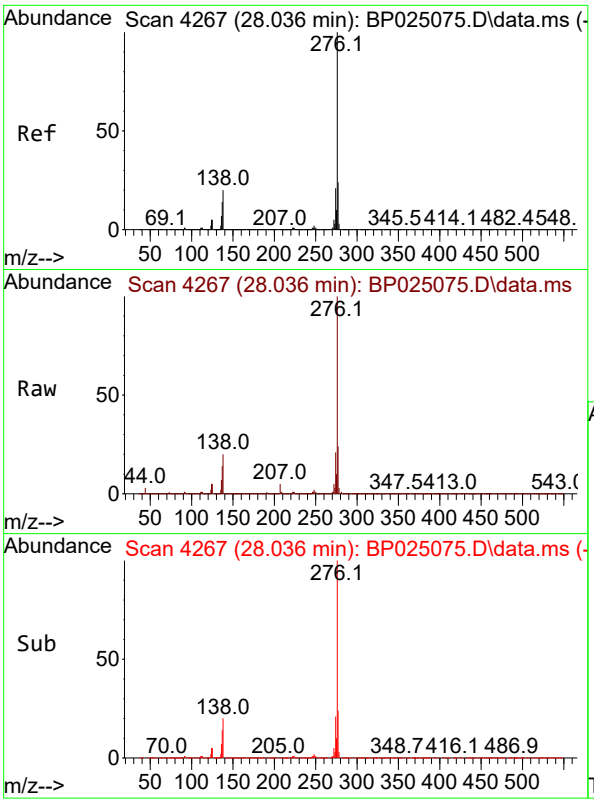


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:264 Resp: 2431657

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5

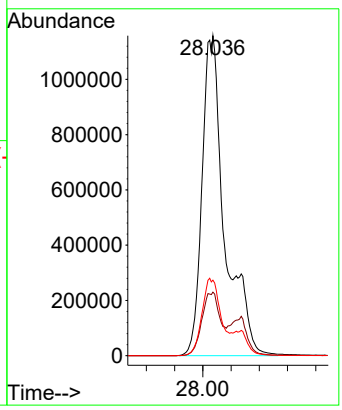




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 647446

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	19.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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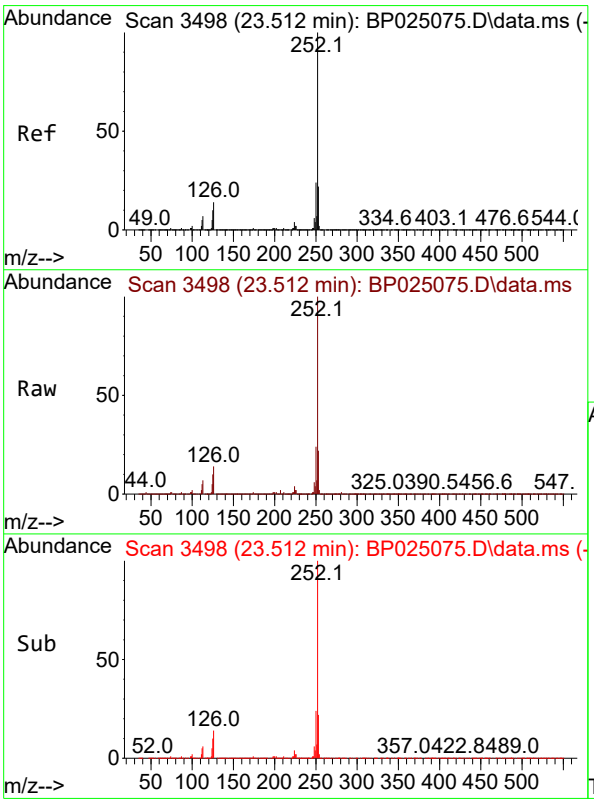
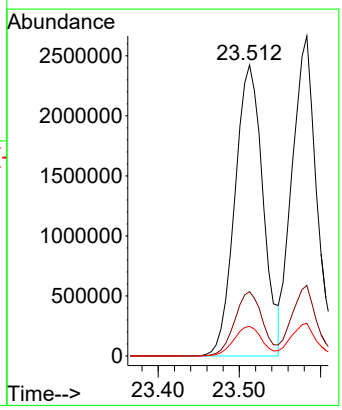
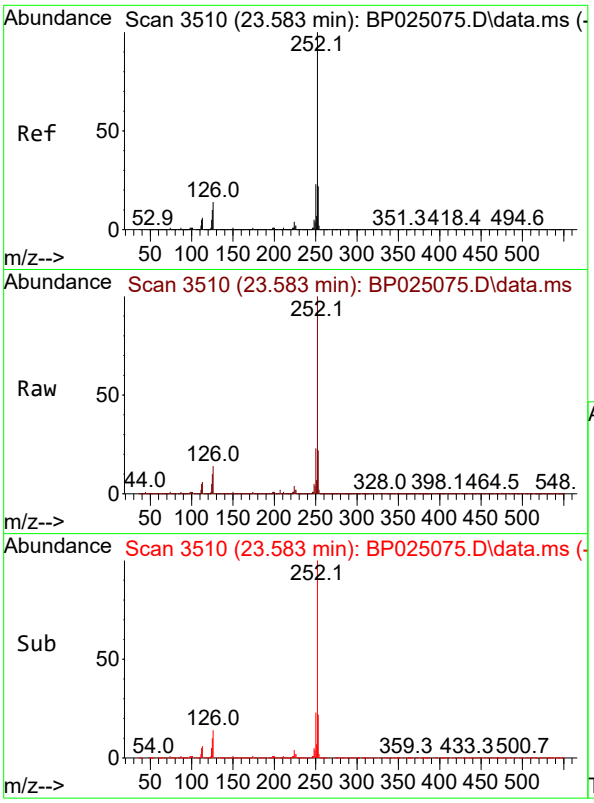


#88
Benzo(b)fluoranthene
Concen: 41.258 ng
RT: 23.512 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5839482

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 39.833 ng
RT: 23.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 560953

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2

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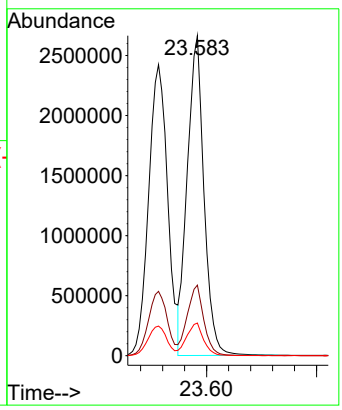
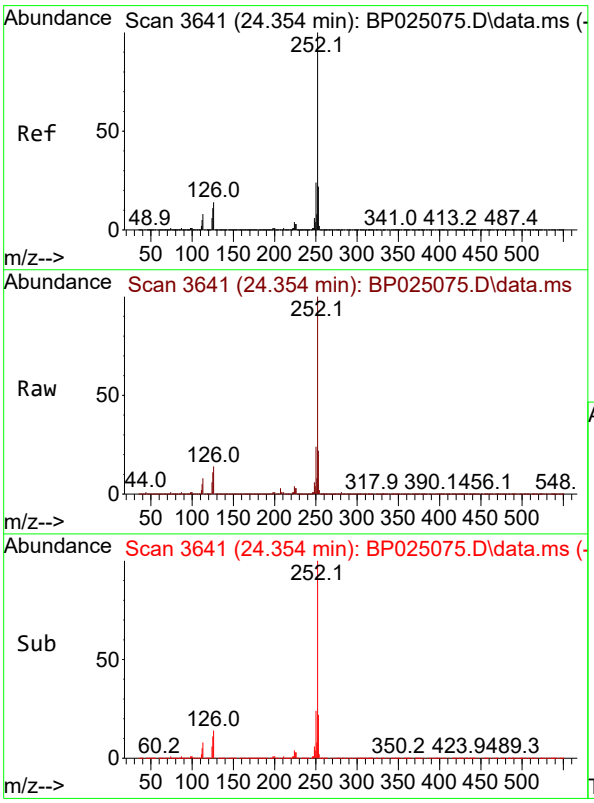
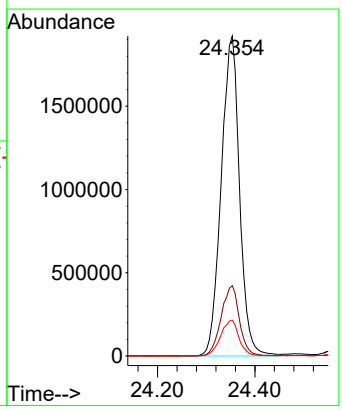


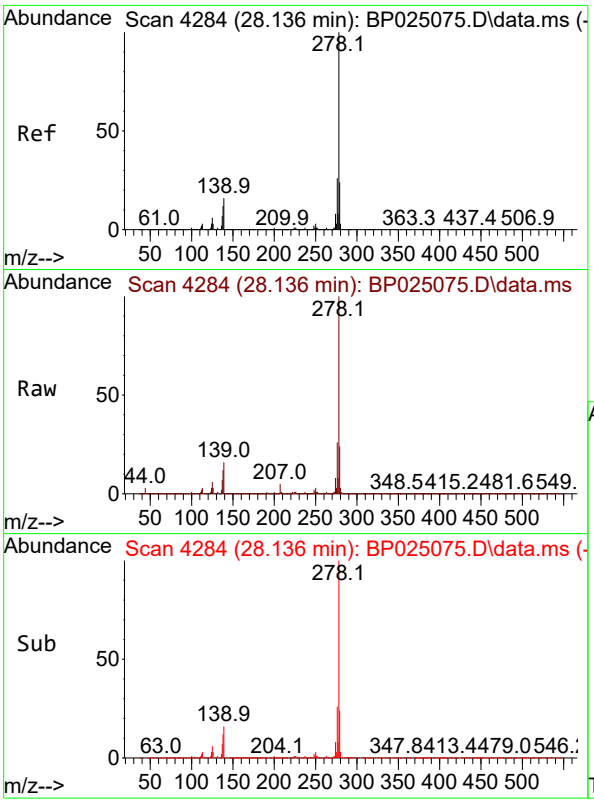


#90
Benzo(a)pyrene
Concen: 41.697 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5022829

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	9.0	13.4

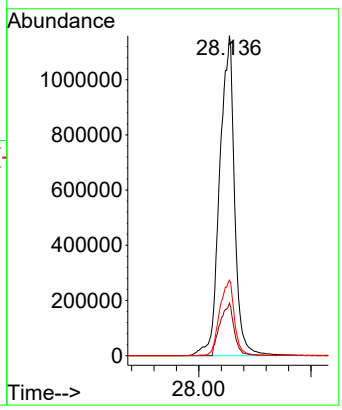




#91
Dibenzo(a,h)anthracene
Concen: 41.673 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:278 Resp: 533614

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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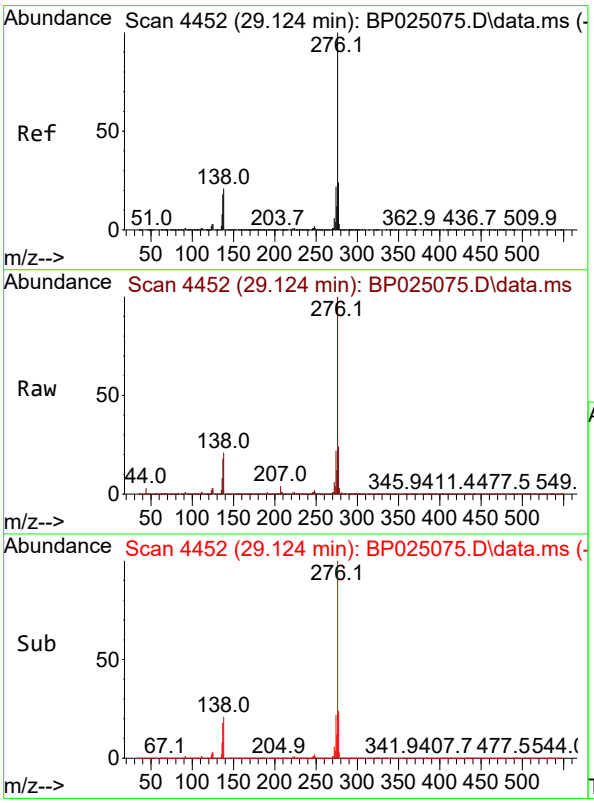
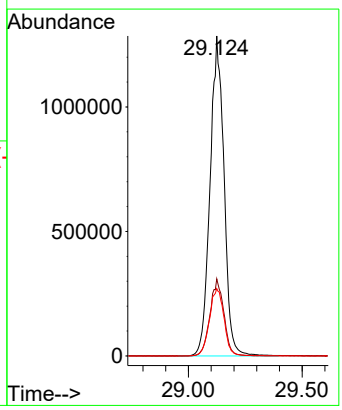


#92
Benzo(g,h,i)perylene
Concen: 41.443 ng
RT: 29.124 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 5482072

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

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Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	426915	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1726448	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1117104	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2198784	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2246809	20.000	ng	0.01
86) Perylene-d12	24.518	264	2460402	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2404869	99.811	ng	0.00
7) Phenol-d6	6.631	99	3142540	99.945	ng	0.00
23) Nitrobenzene-d5	8.572	82	2657612	102.375	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1362624	103.255	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7037498	97.594	ng	0.00
79) Terphenyl-d14	19.683	244	10280025	100.557	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	448307	47.849	ng	100
3) Pyridine	3.490	79	1249873m	48.762	ng	
4) n-Nitrosodimethylamine	3.408	42	526435	48.471	ng	98
6) Aniline	6.790	93	1463015	49.800	ng	99
8) 2-Chlorophenol	7.019	128	1334192	49.491	ng	99
9) Benzaldehyde	6.602	77	730343	44.476	ng	98
10) Phenol	6.660	94	1584515	49.596	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1204826	49.001	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1457893	48.321	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1476720	48.343	ng	98
14) 1,2-Dichlorobenzene	7.790	146	1418407	48.270	ng	100
15) Benzyl Alcohol	7.672	79	1056771	50.356	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1560041	48.796	ng	100
17) 2-Methylphenol	7.878	107	1039628	50.517	ng	99
18) Hexachloroethane	8.501	117	494292	49.671	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	930000	49.874	ng	99
20) 3+4-Methylphenols	8.201	107	1431288	49.653	ng	99
22) Acetophenone	8.243	105	1967270	48.182	ng	99
24) Nitrobenzene	8.607	77	1323155	50.040	ng	96
25) Isophorone	9.137	82	2464795	50.806	ng	100
26) 2-Nitrophenol	9.313	139	629107	48.958	ng	99
27) 2,4-Dimethylphenol	9.384	122	918599	50.760	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1636120	49.669	ng	99
29) 2,4-Dichlorophenol	9.843	162	1314014	52.364	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1365048	49.122	ng	98
31) Naphthalene	10.243	128	4337583	48.793	ng	100
32) Benzoic acid	9.531	122	859495	49.693	ng	97
33) 4-Chloroaniline	10.343	127	1645871	49.611	ng	99
34) Hexachlorobutadiene	10.543	225	793648	49.768	ng	99
35) Caprolactam	11.107	113	422268	49.189	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	1335155	50.915	ng	99
37) 2-Methylnaphthalene	11.860	142	3084171	49.170	ng	100
38) 1-Methylnaphthalene	12.089	142	2983697	48.774	ng	100
40) 1,2,4,5-Tetrachloroben...	12.242	216	1612893	50.237	ng	100
41) Hexachlorocyclopentadiene	12.231	237	452638	53.975	ng	100
43) 2,4,6-Trichlorophenol	12.489	196	1026903	52.823	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1151711	52.275	ng	99
46) 1,1'-Biphenyl	12.907	154	4006544	49.294	ng	100
47) 2-Chloronaphthalene	12.942	162	2986246	48.883	ng	100
48) 2-Nitroaniline	13.148	65	722237	48.247	ng	97
49) Acenaphthylene	13.813	152	4634923	49.571	ng	100
50) Dimethylphthalate	13.560	163	3810769	48.733	ng	99
51) 2,6-Dinitrotoluene	13.660	165	811379	53.202	ng	98
52) Acenaphthene	14.160	154	2923605	48.515	ng	99
53) 3-Nitroaniline	13.989	138	865670	52.965	ng	96
54) 2,4-Dinitrophenol	14.207	184	335631	47.384	ng	96
55) Dibenzofuran	14.507	168	4802343	48.287	ng	99
56) 4-Nitrophenol	14.313	139	764396	50.679	ng	98
57) 2,4-Dinitrotoluene	14.472	165	1081273	48.291	ng	97
58) Fluorene	15.172	166	3727642	48.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1014960	50.872	ng	99
60) Diethylphthalate	14.972	149	3816042	48.587	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1839971	48.332	ng	99
62) 4-Nitroaniline	15.189	138	890284	51.948	ng	100
63) Azobenzene	15.472	77	3381849	48.355	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	488912	48.762	ng	98
66) n-Nitrosodiphenylamine	15.389	169	3156476	50.162	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1145496	50.881	ng	98
68) Hexachlorobenzene	16.195	284	1365447	49.621	ng	100
69) Atrazine	16.395	200	937888	50.863	ng	99
70) Pentachlorophenol	16.554	266	975866	52.511	ng	99
71) Phenanthrene	16.954	178	5660551	48.179	ng	100
72) Anthracene	17.054	178	5614698	49.812	ng	100
73) Carbazole	17.325	167	5444196	49.399	ng	100
74) Di-n-butylphthalate	17.966	149	6469226	52.713	ng	99
75) Fluoranthene	19.054	202	6865989	49.995	ng	99
77) Benzidine	19.271	184	2357157	59.401	ng	99
78) Pyrene	19.436	202	7028090	50.503	ng	99
80) Butylbenzylphthalate	20.442	149	2645413	49.237	ng	99
81) Benzo(a)anthracene	21.336	228	6780561	49.798	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2241436	54.684	ng	98
83) Chrysene	21.395	228	6500368	49.609	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	4140331	56.690	ng	99
85) Di-n-octyl phthalate	22.565	149	6776549	50.271	ng	100
87) Indeno(1,2,3-cd)pyrene	28.059	276	8400646m	53.583	ng	
88) Benzo(b)fluoranthene	23.518	252	7308592	51.035	ng	100
89) Benzo(k)fluoranthene	23.595	252	7114695	49.931	ng	100
90) Benzo(a)pyrene	24.359	252	6366556	52.234	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	6926985	53.464	ng	99
92) Benzo(g,h,i)perylene	29.159	276	7023994	52.480	ng	100

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

ICAL Form

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ClientSampleId :
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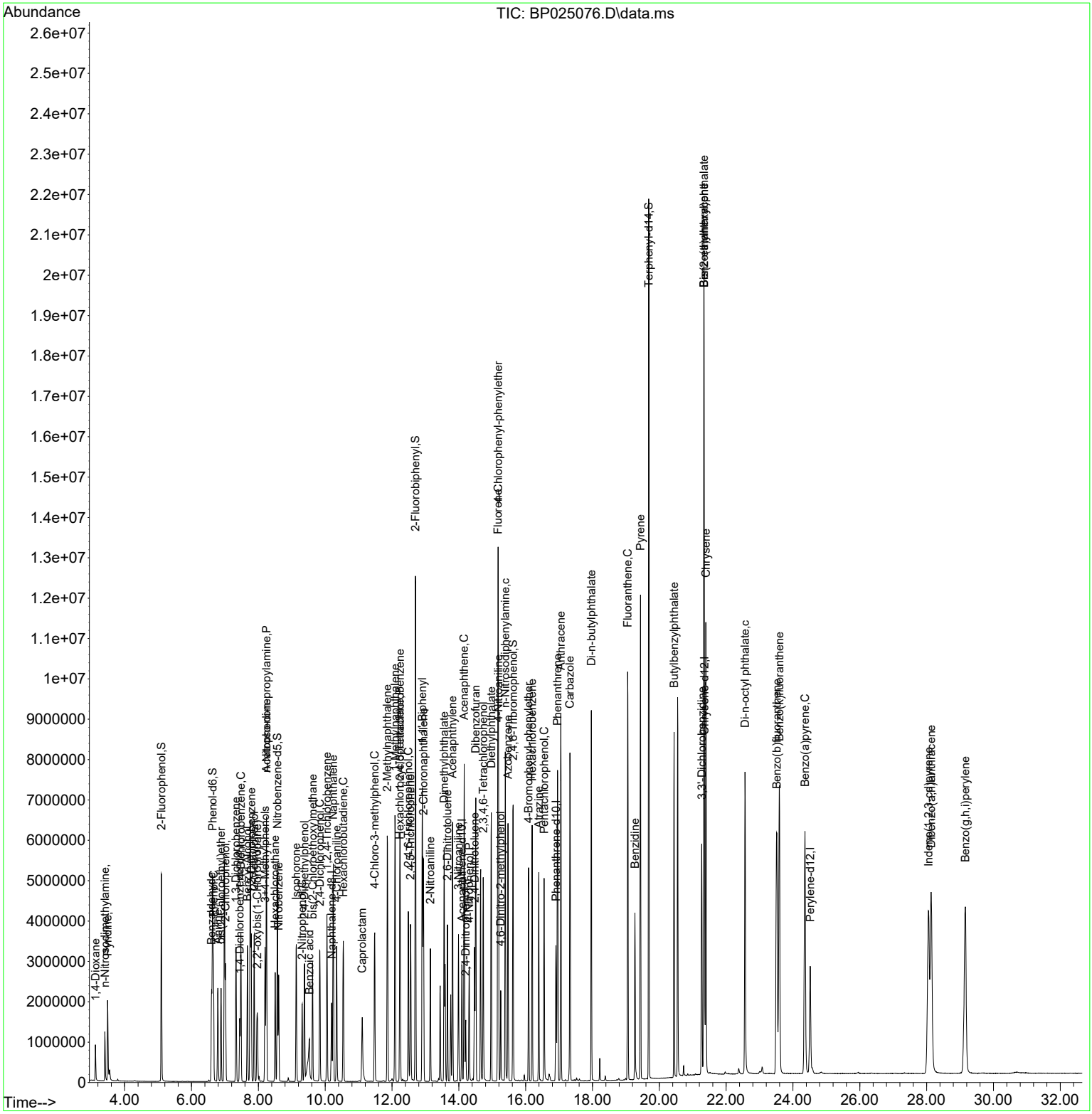
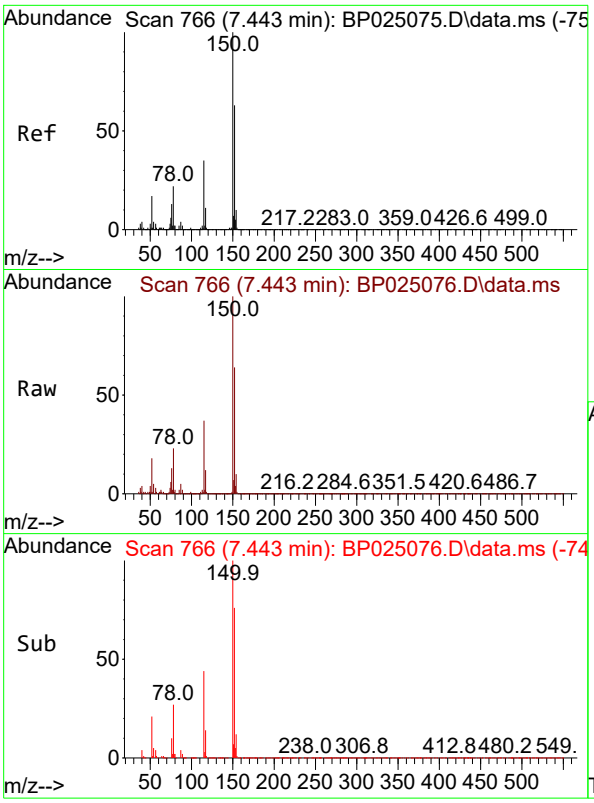
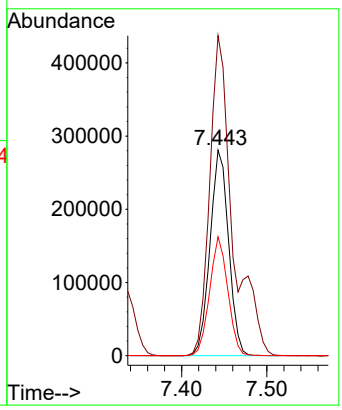




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:152 Resp: 42691

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.1	189.1
115	57.8	44.3	66.5



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SSTDICC050

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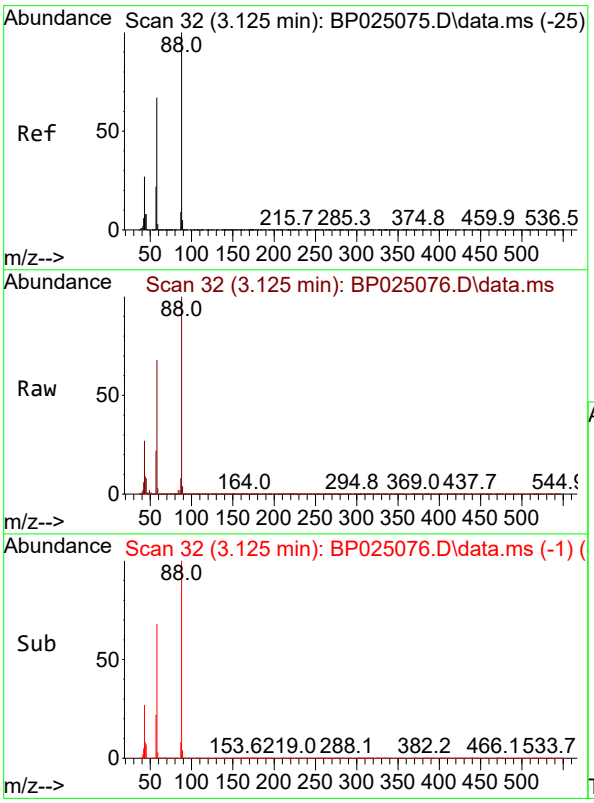
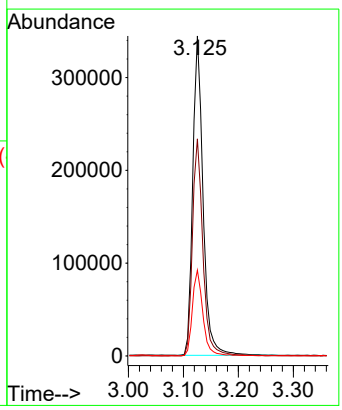
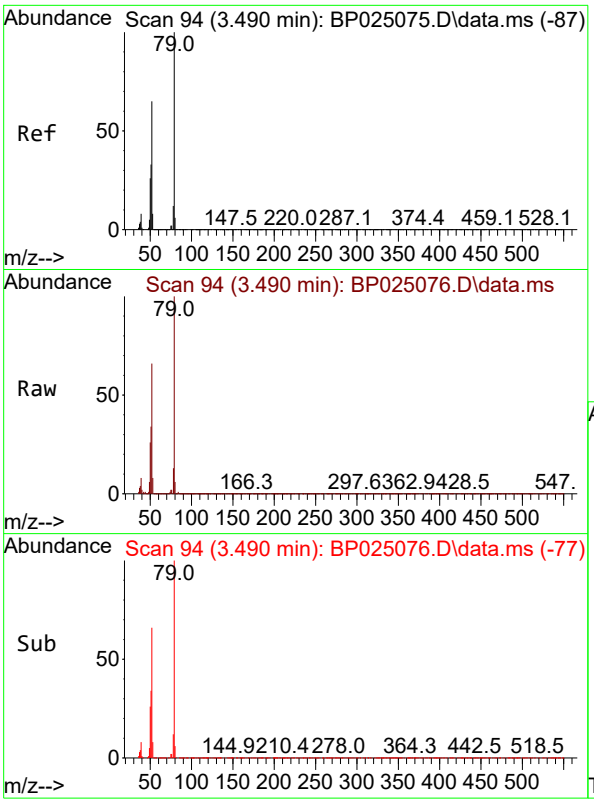


#2
1,4-Dioxane
Concen: 47.849 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 88 Resp: 448307

Ion	Ratio	Lower	Upper
88	100		
58	68.8	55.0	82.4
43	27.3	21.9	32.9

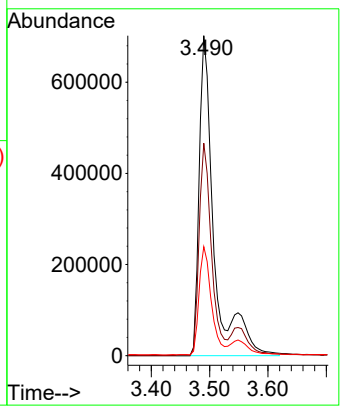




#3
Pyridine
Concen: 48.762 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 79 Resp: 124987

Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.2	78.4
51	34.0	26.8	40.2



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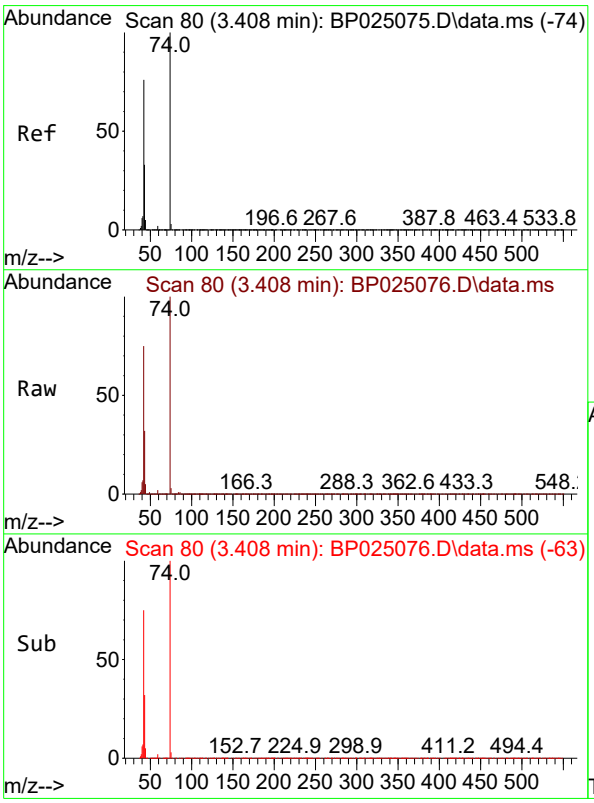
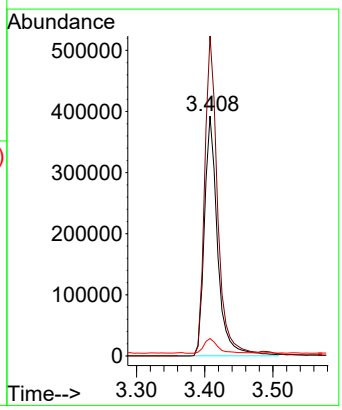
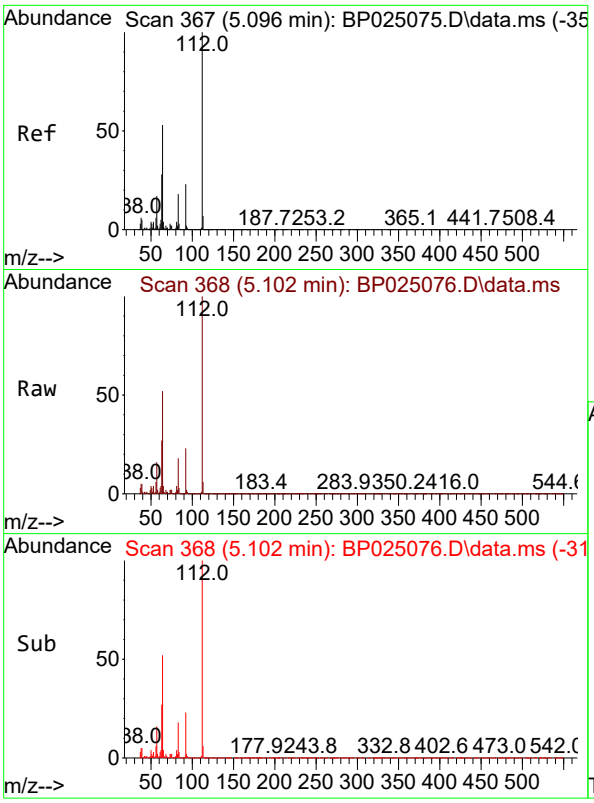


#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 42 Resp: 526435

Ion	Ratio	Lower	Upper
42	100		
74	133.4	105.2	157.8
44	7.2	6.6	9.8

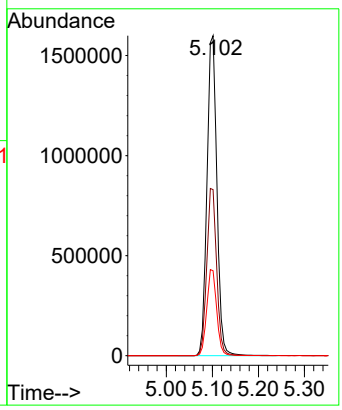




#5
2-Fluorophenol
Concen: 99.811 ng
RT: 5.102 min Scan# 3(
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:112 Resp: 240486

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.0	63.0
63	26.6	22.2	33.2



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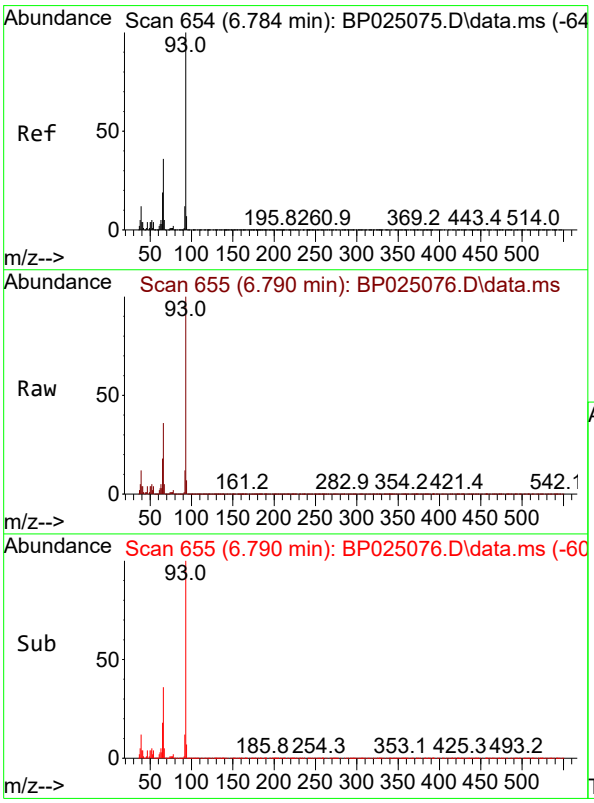
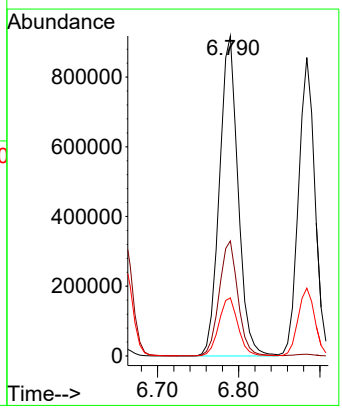
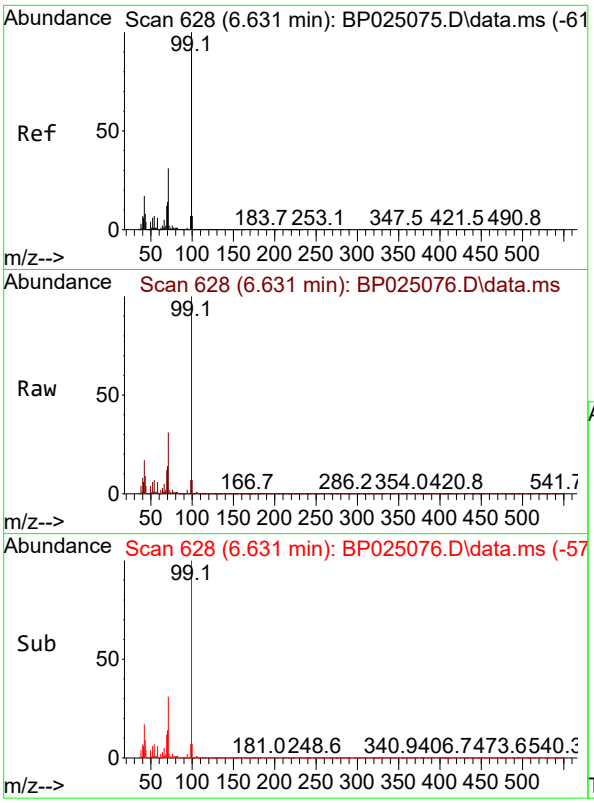


#6
Aniline
Concen: 49.800 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1463015

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.9	43.3
65	18.2	15.2	22.8

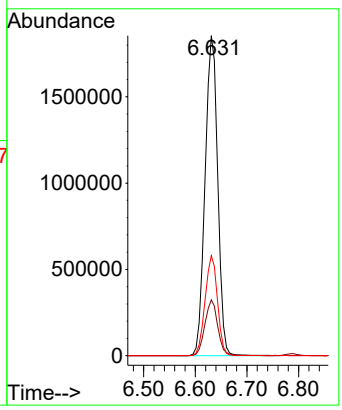




#7
Phenol-d6
Concen: 99.945 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 99 Resp: 314254

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	31.2	24.4	36.6



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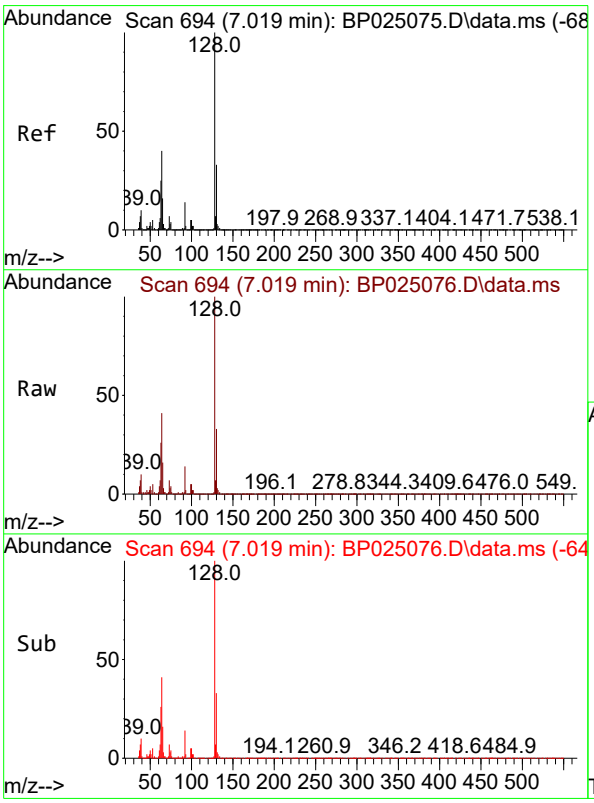
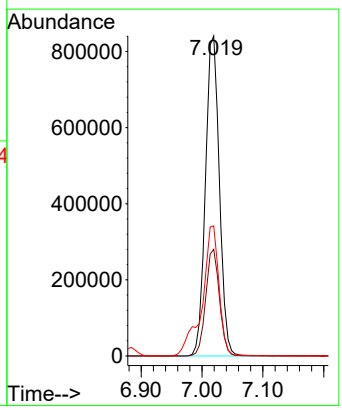
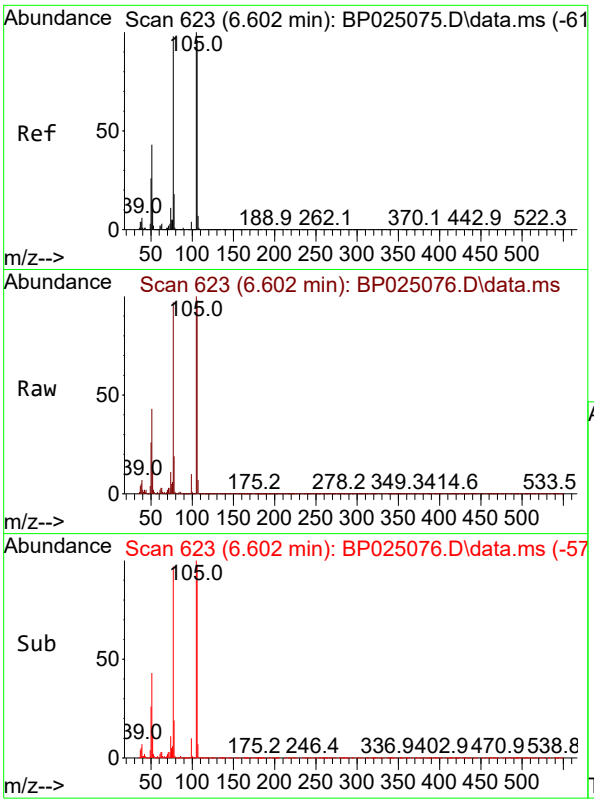


#8
2-Chlorophenol
Concen: 49.491 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 1334192

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	40.6	20.3	60.3

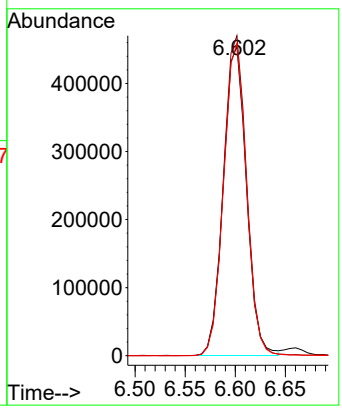




#9
Benzaldehyde
Concen: 44.476 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 73034

Ion	Ratio	Lower	Upper
77	100		
105	103.5	82.4	122.4
106	100.9	78.3	118.3



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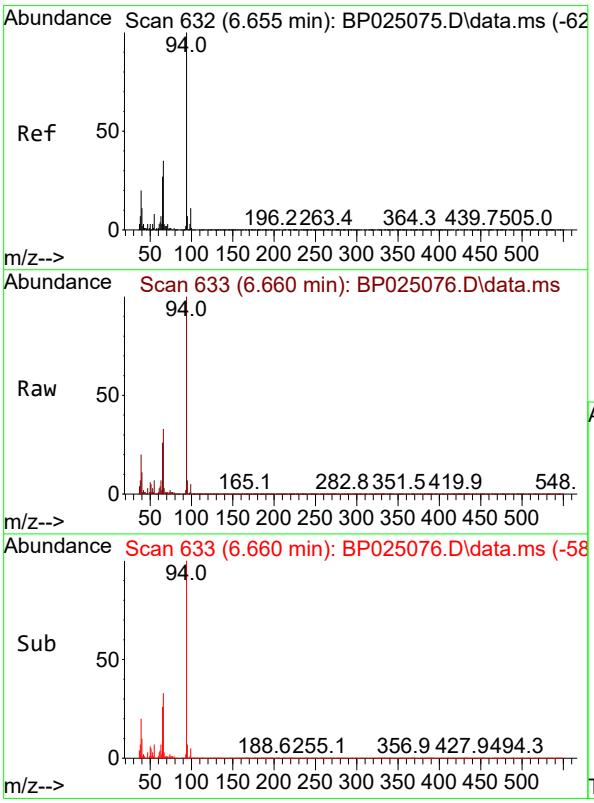

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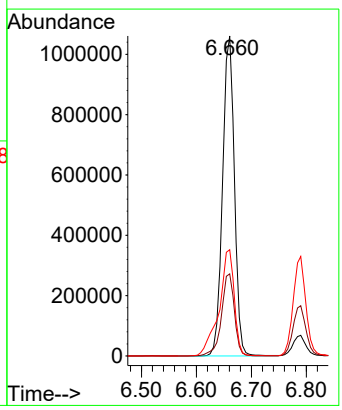
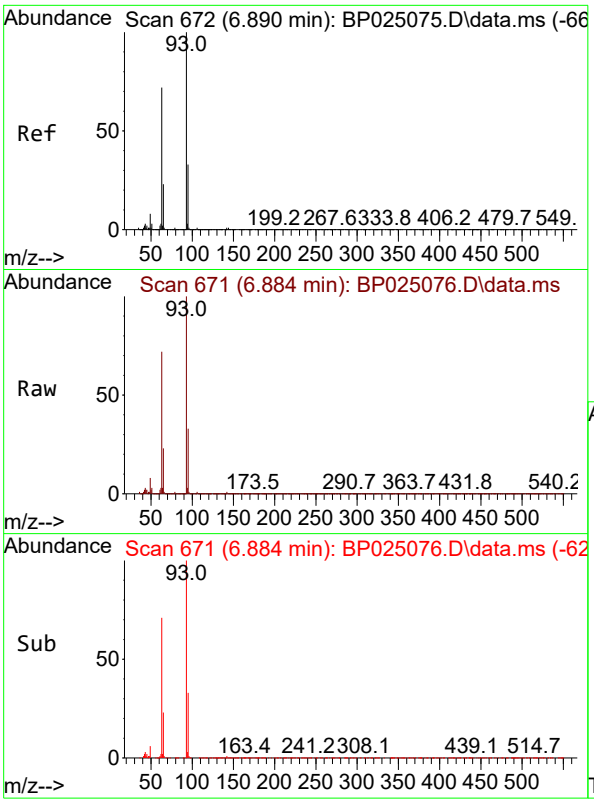
Phenol
Concen: 49.596 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 94 Resp: 1584515

Ion	Ratio	Lower	Upper
94	100		
65	25.6	6.9	46.9
66	33.2	14.6	54.6

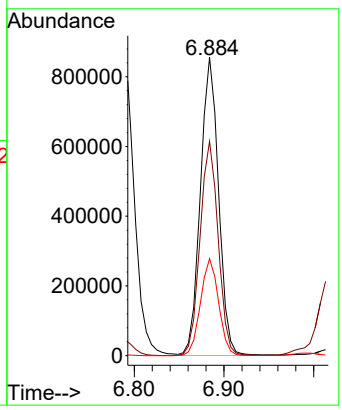




#11
bis(2-Chloroethyl)ether
Concen: 49.001 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 120482

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.6	12.4	52.4



Instrument :
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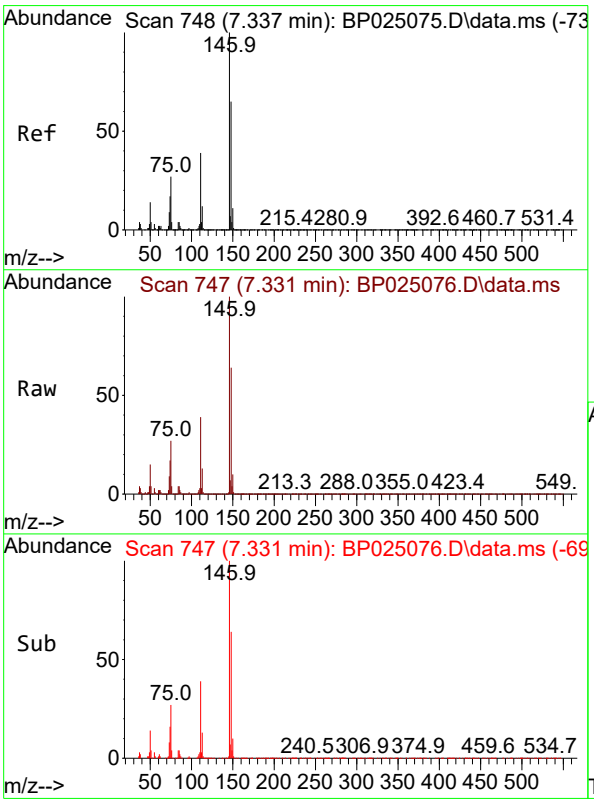
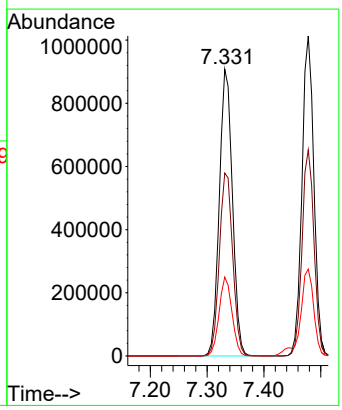
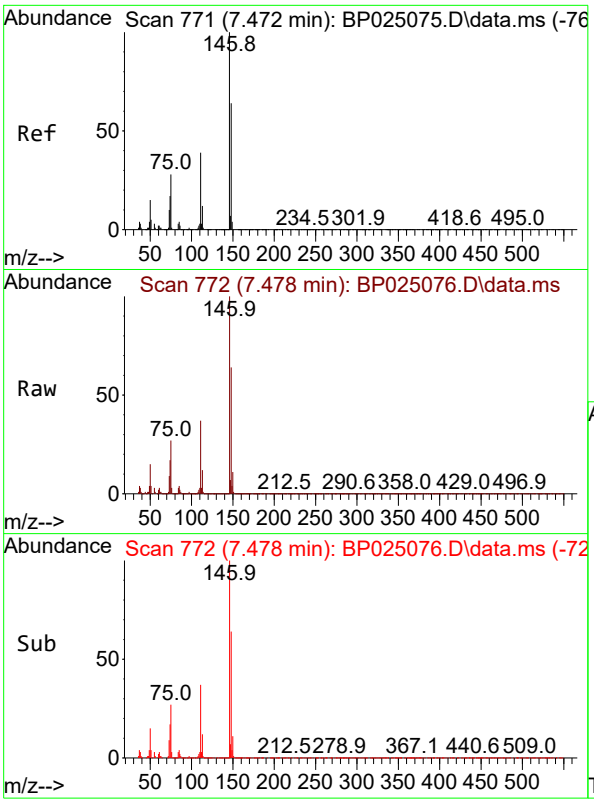


#12
1,3-Dichlorobenzene
Concen: 48.321 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1457893

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.5	21.8	32.6

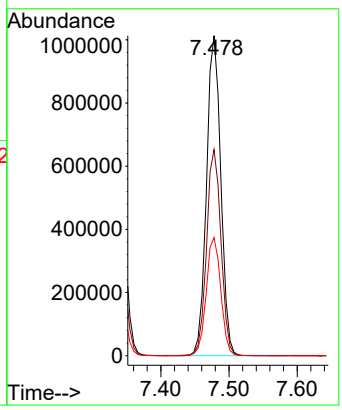




#13
1,4-Dichlorobenzene
Concen: 48.343 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 147672

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	36.9	31.2	46.8



Instrument :
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ClientSampleId :
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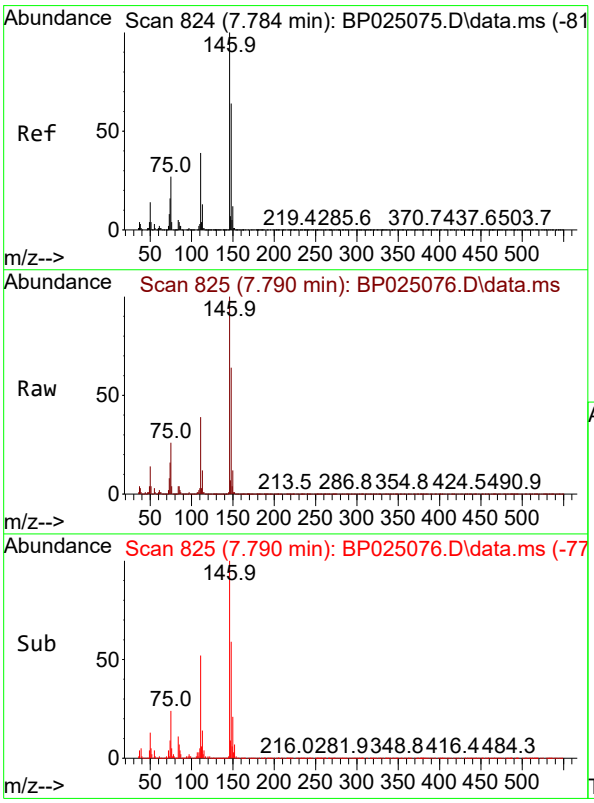
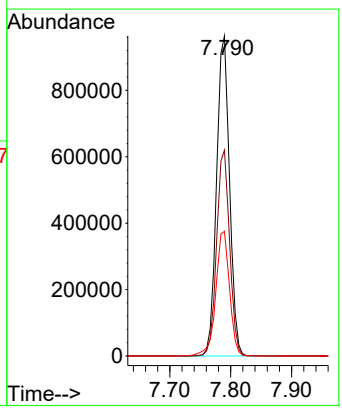
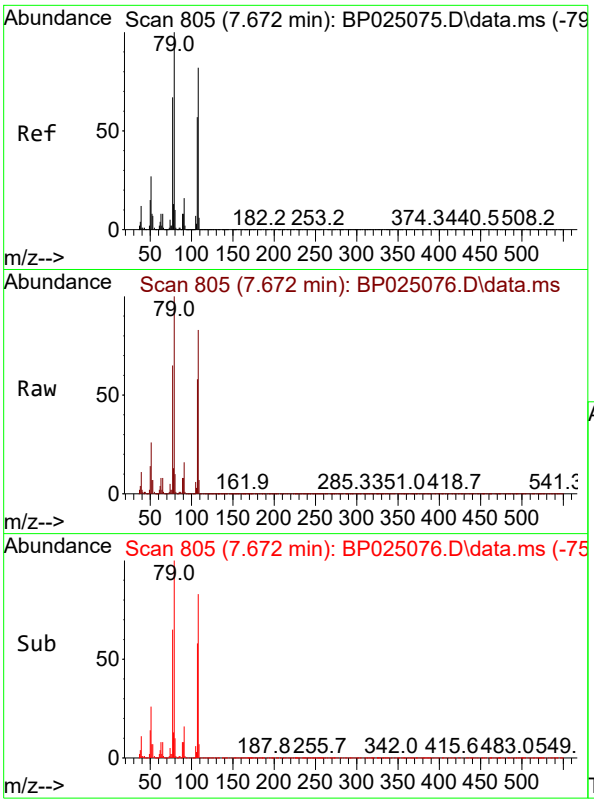


#14
1,2-Dichlorobenzene
Concen: 48.270 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1418407

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.0	31.2	46.8

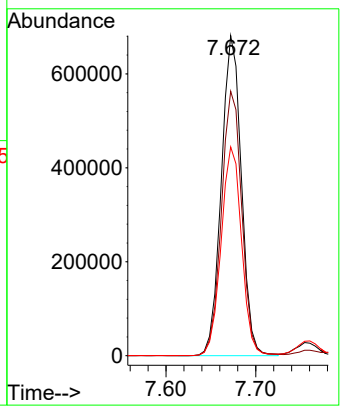




#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 79 Resp: 105677

Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.0	99.0
77	65.3	53.4	80.2



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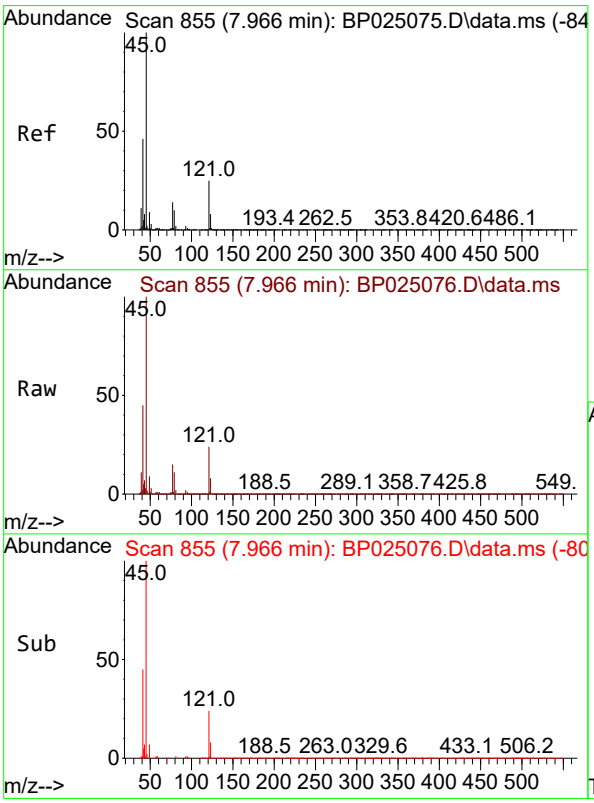
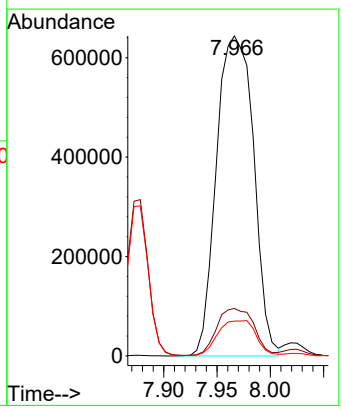
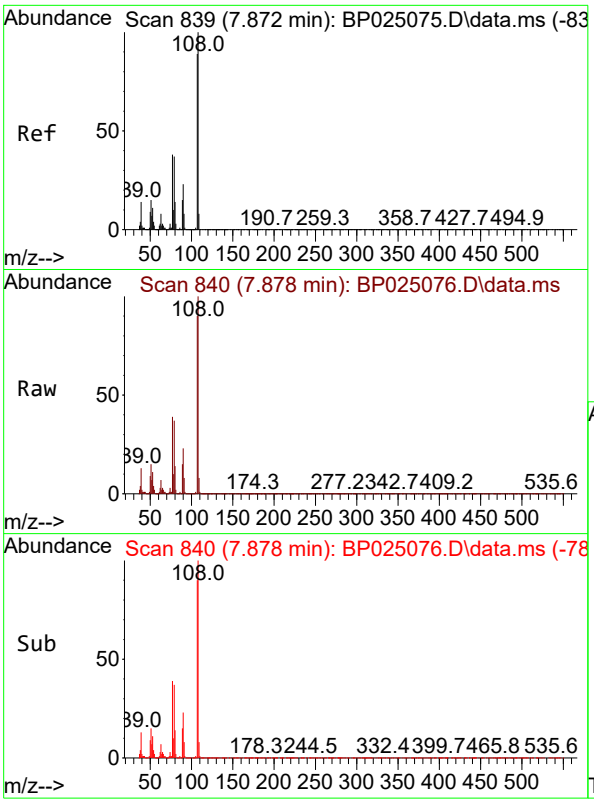


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.796 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 45 Resp: 1560041

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.8
79	10.9	0.0	30.7

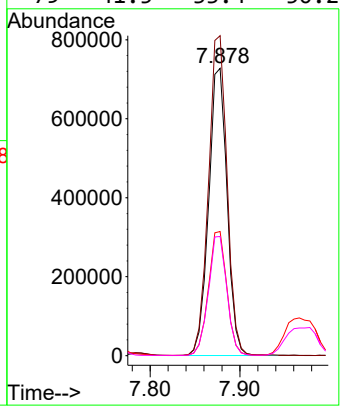




#17
2-Methylphenol
Concen: 50.517 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 103962

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	43.2	34.2	51.4
79	41.5	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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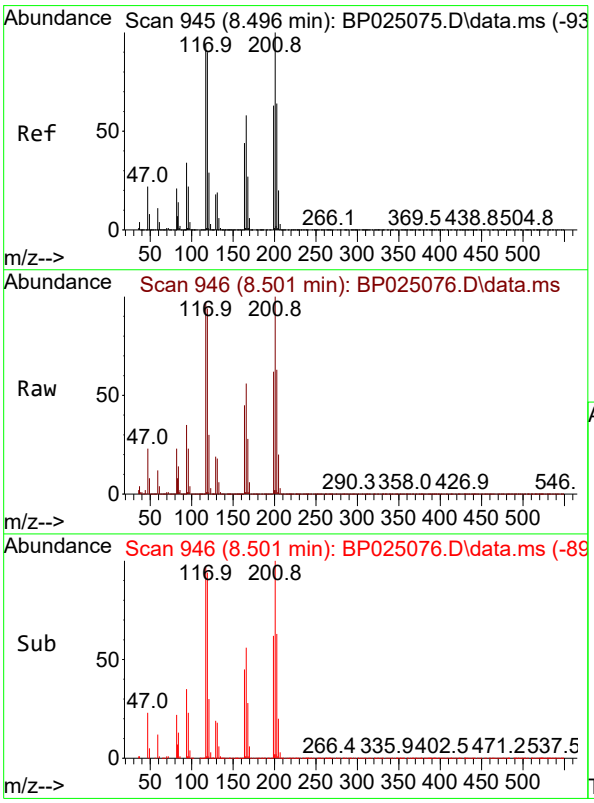
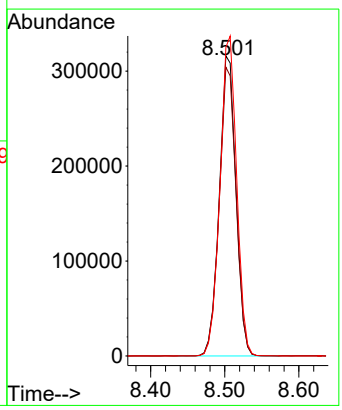
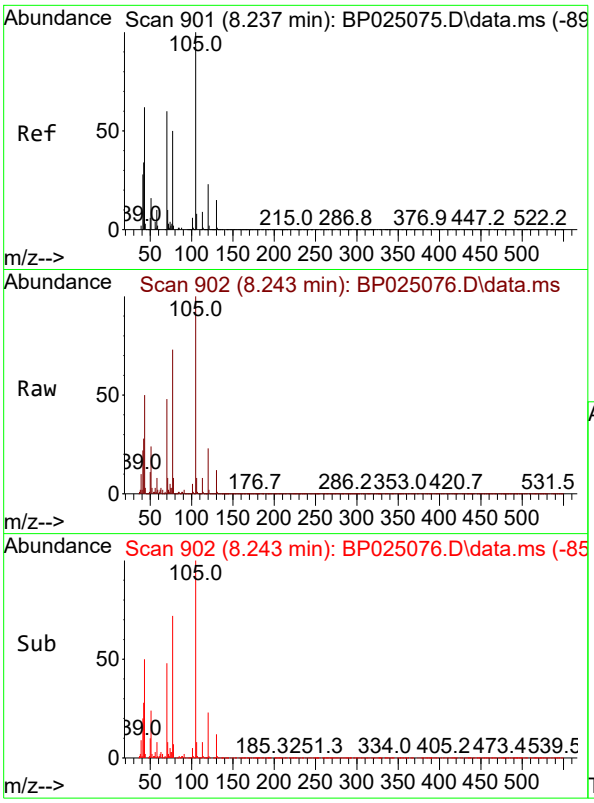


#18
Hexachloroethane
Concen: 49.671 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:117 Resp: 494292

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	102.8	85.4	128.2

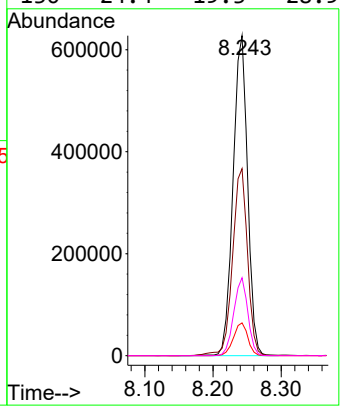




#19
n-Nitroso-di-n-propylamine
Concen: 49.874 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 70 Resp: 93000

Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.5	69.7
101	10.2	7.9	11.9
130	24.4	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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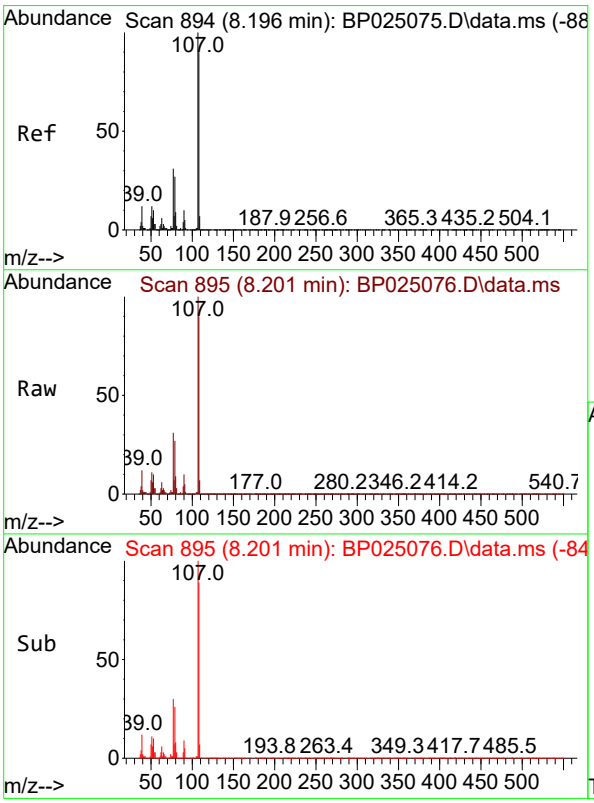
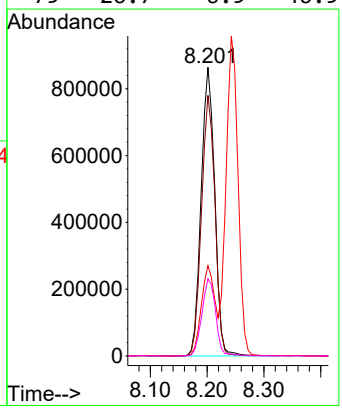
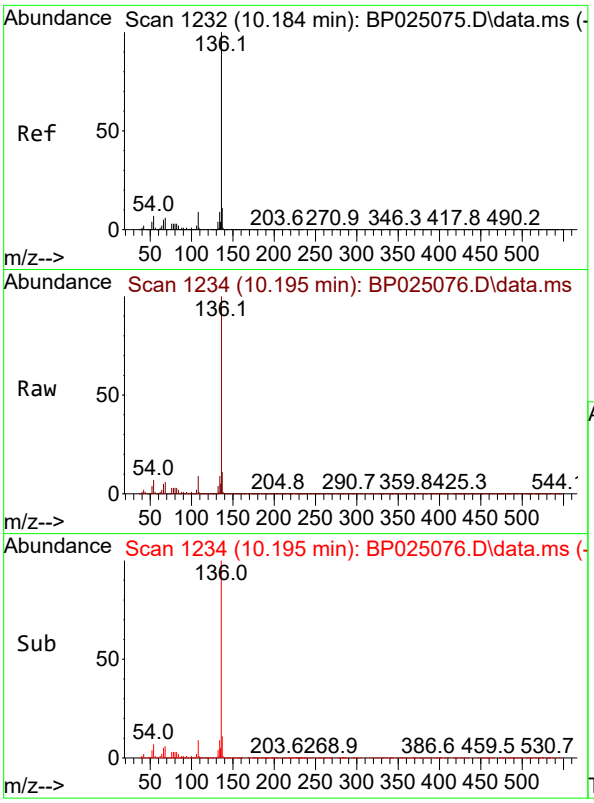


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1431288

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.5	109.5
77	31.3	11.4	51.4
79	26.7	6.9	46.9

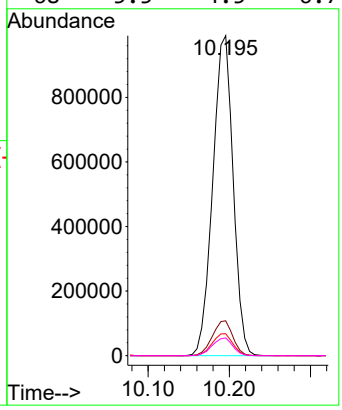




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:136 Resp: 172644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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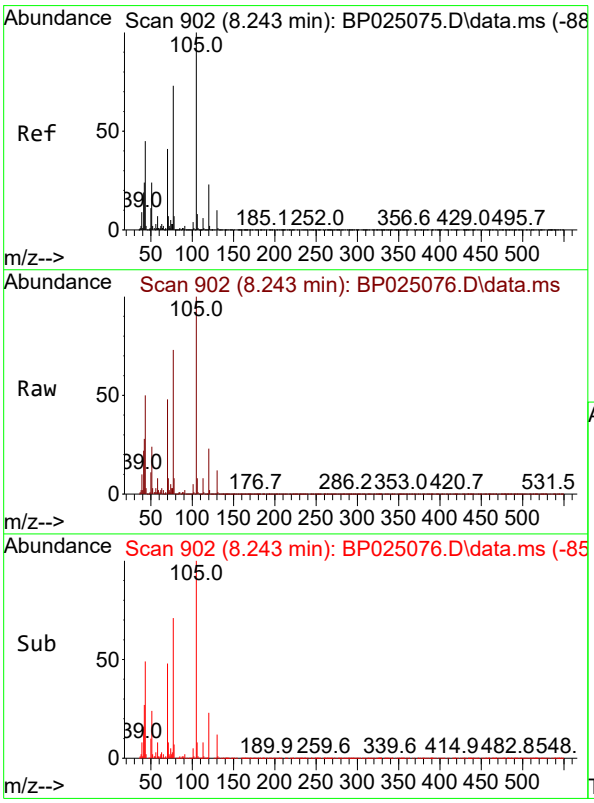
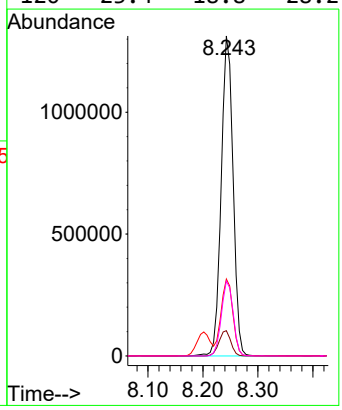
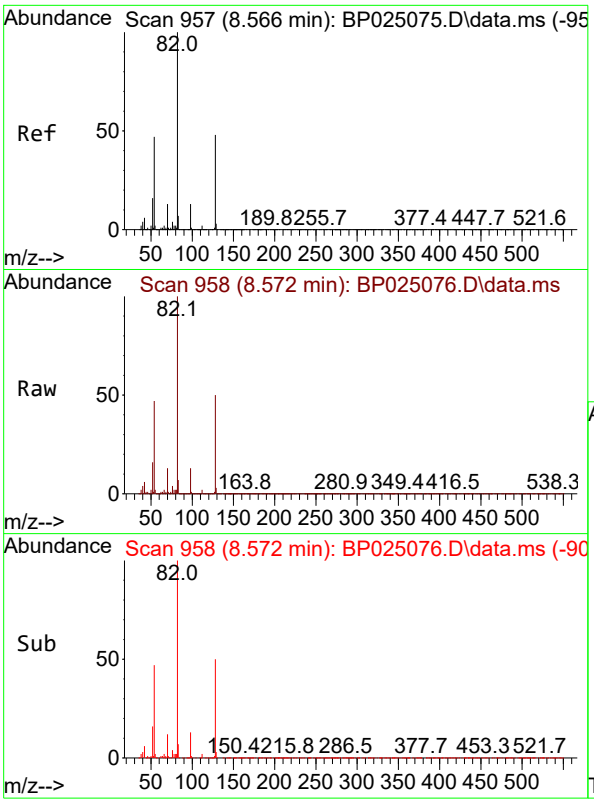


#22
Acetophenone
Concen: 48.182 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:105 Resp: 1967270

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	24.1	19.6	29.4
120	23.4	18.8	28.2

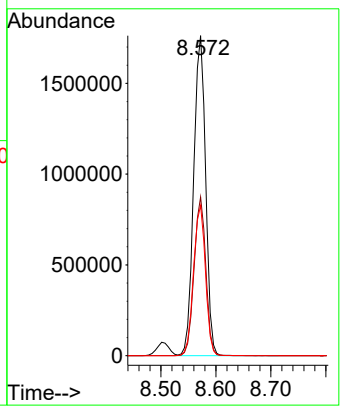




#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 82 Resp: 265761

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	46.9	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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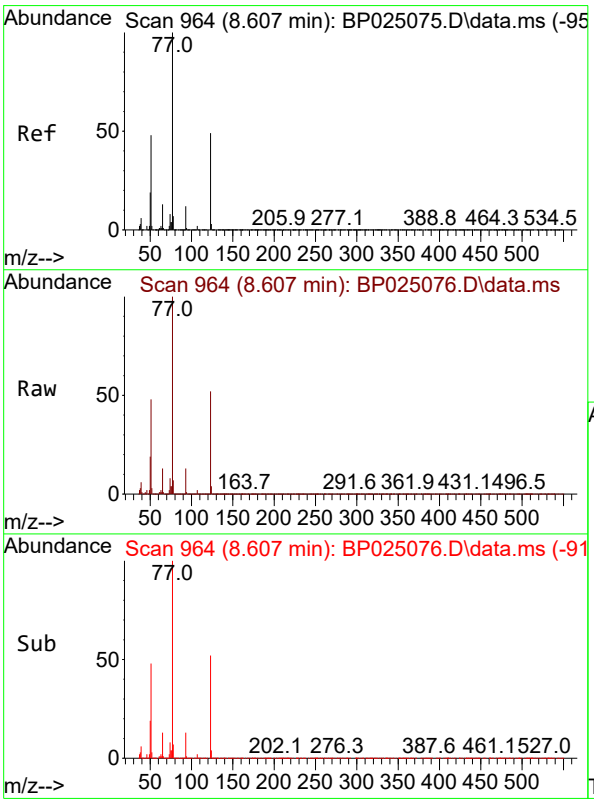
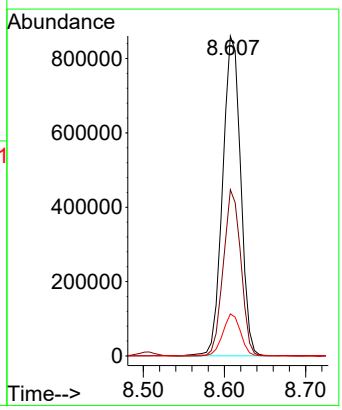
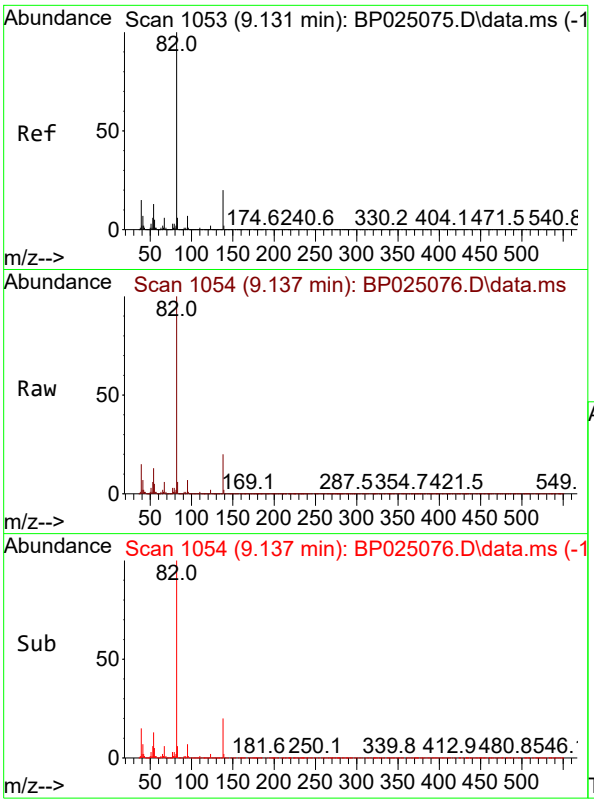


#24
Nitrobenzene
Concen: 50.040 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 1323155

Ion	Ratio	Lower	Upper
77	100		
123	52.0	39.0	58.6
65	13.1	10.7	16.1

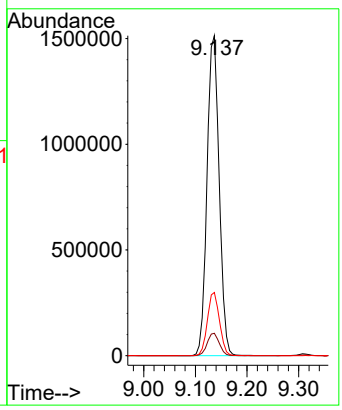




#25
Isophorone
Concen: 50.806 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 82 Resp: 246479

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.8	15.7	23.5



Instrument :
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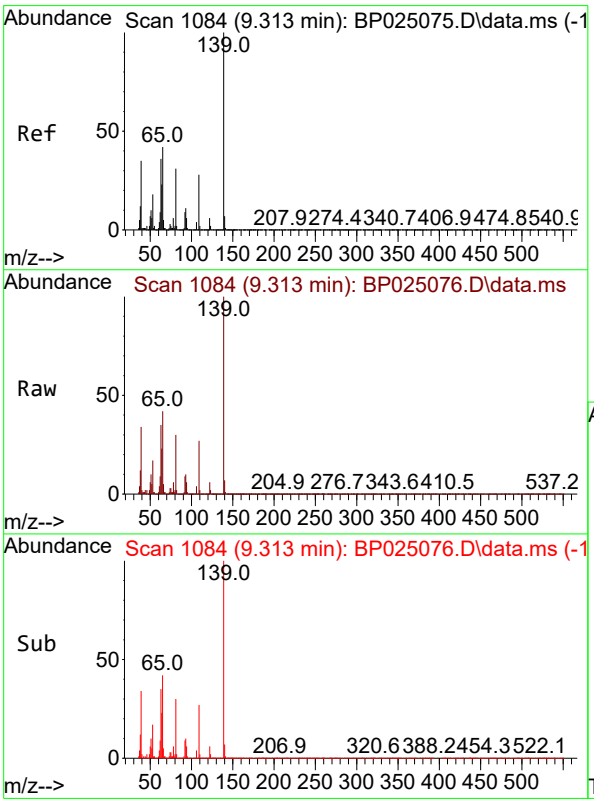
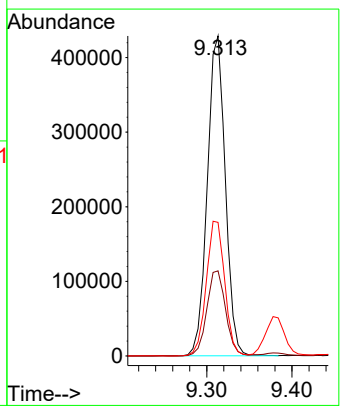
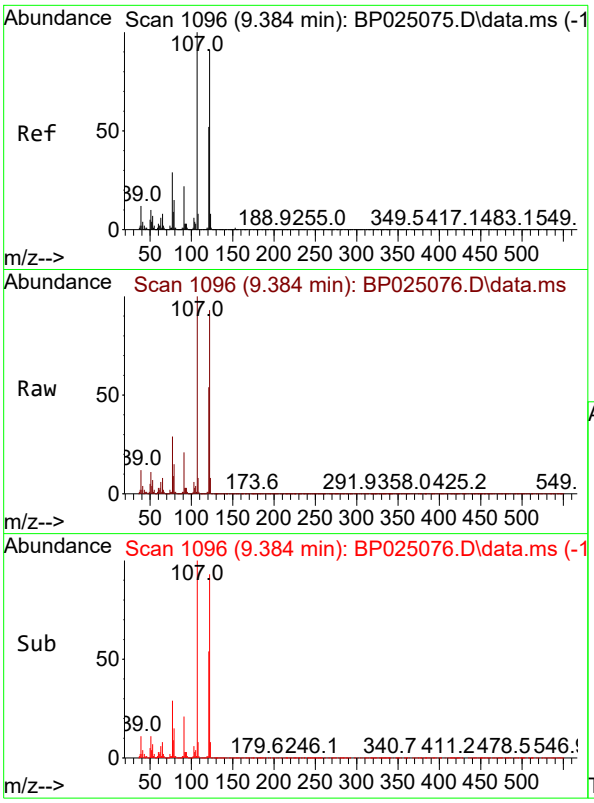


#26
2-Nitrophenol
Concen: 48.958 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 629107

Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.3	33.5
65	41.8	33.8	50.8

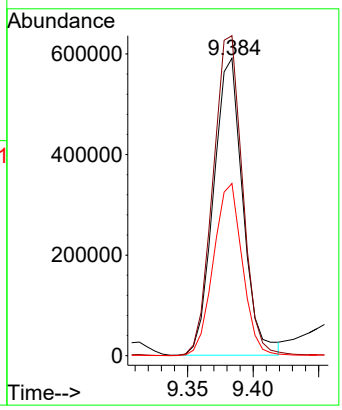




#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 91859

Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.2	132.2
121	57.9	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
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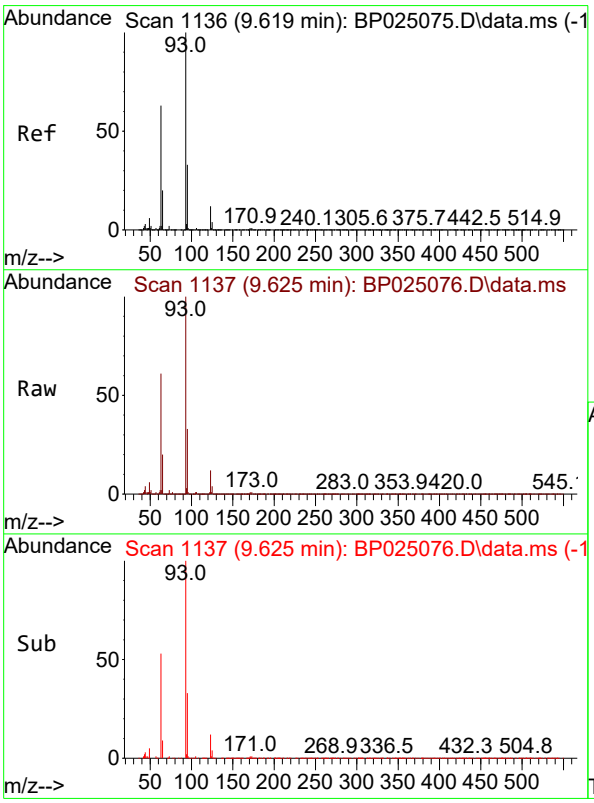
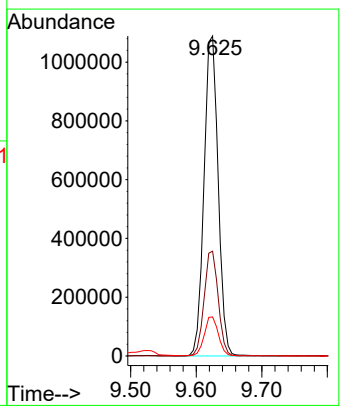
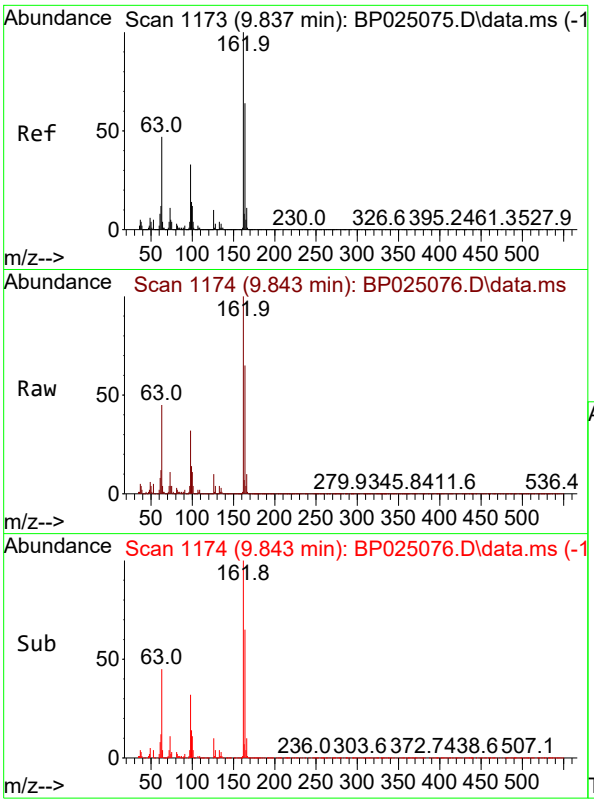


#28
bis(2-Chloroethoxy)methane
Concen: 49.669 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1636120

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.2	10.1	15.1

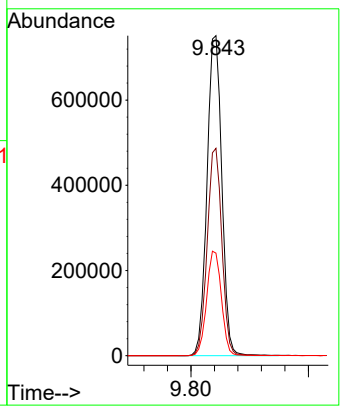




#29
2,4-Dichlorophenol
Concen: 52.364 ng
RT: 9.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:162 Resp: 131401

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.0	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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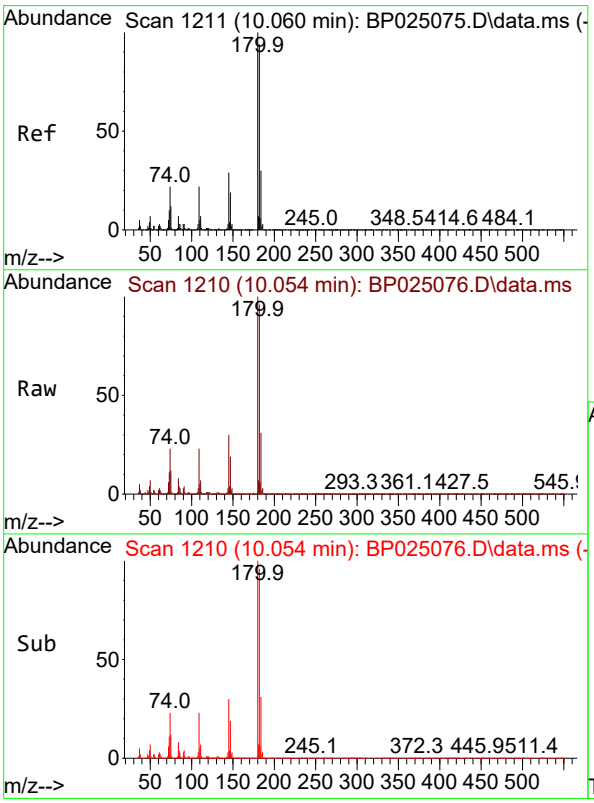
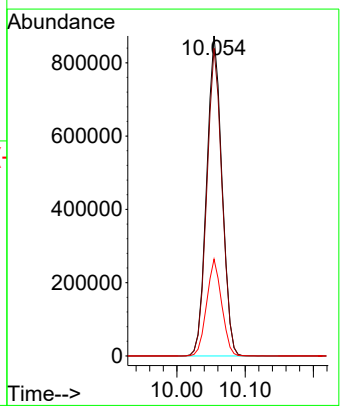
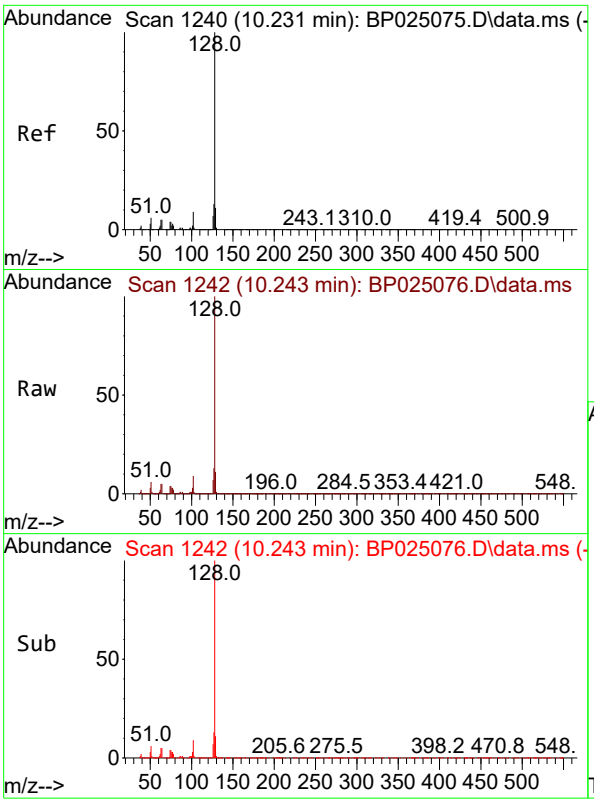


#30
1,2,4-Trichlorobenzene
Concen: 49.122 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:180 Resp: 1365048

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	30.2	23.3	34.9

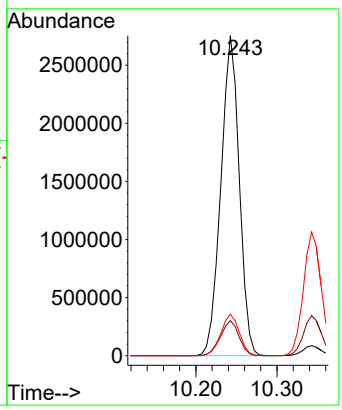




#31
Naphthalene
Concen: 48.793 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 433758

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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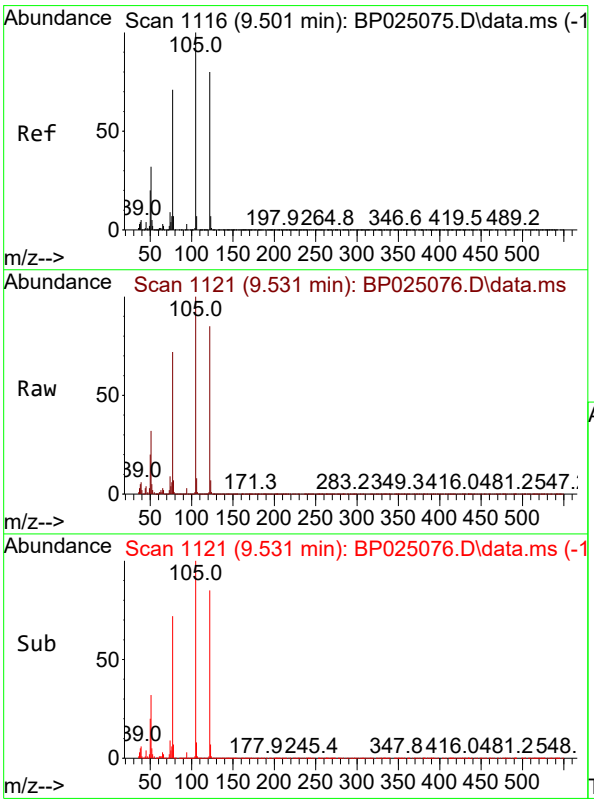
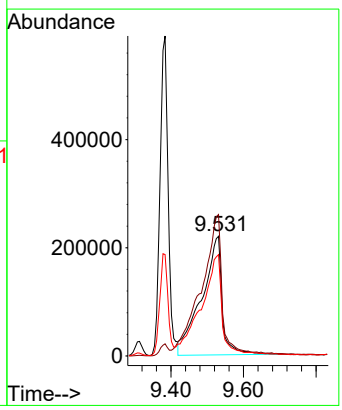
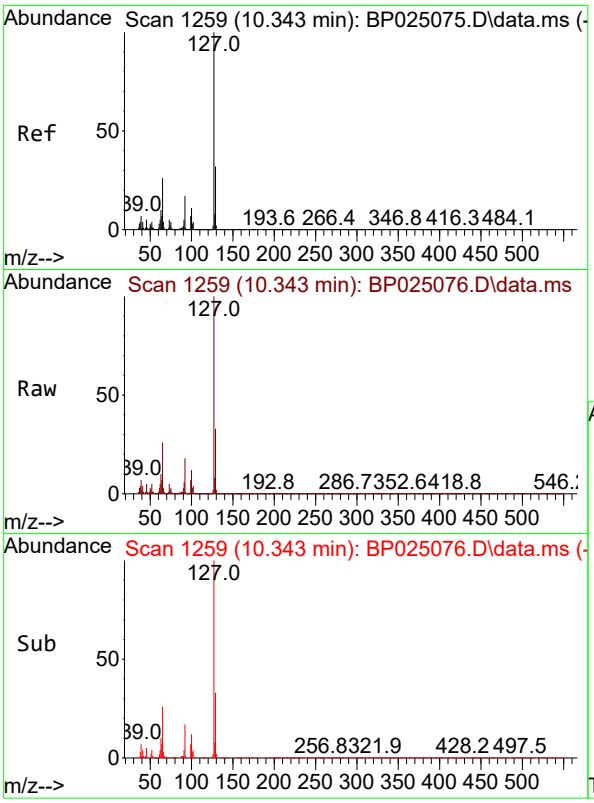


#32
Benzoic acid
Concen: 49.693 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 859495

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.0	141.0
77	84.7	67.6	107.6

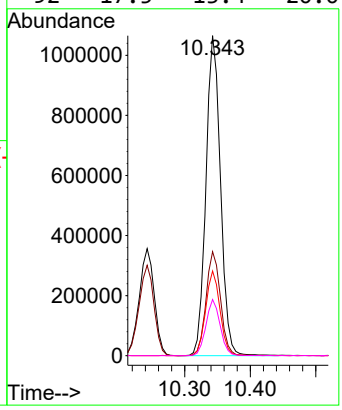




#33
4-Chloroaniline
Concen: 49.611 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:127 Resp: 164587

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.5	21.0	31.6
92	17.5	13.4	20.0



Instrument :
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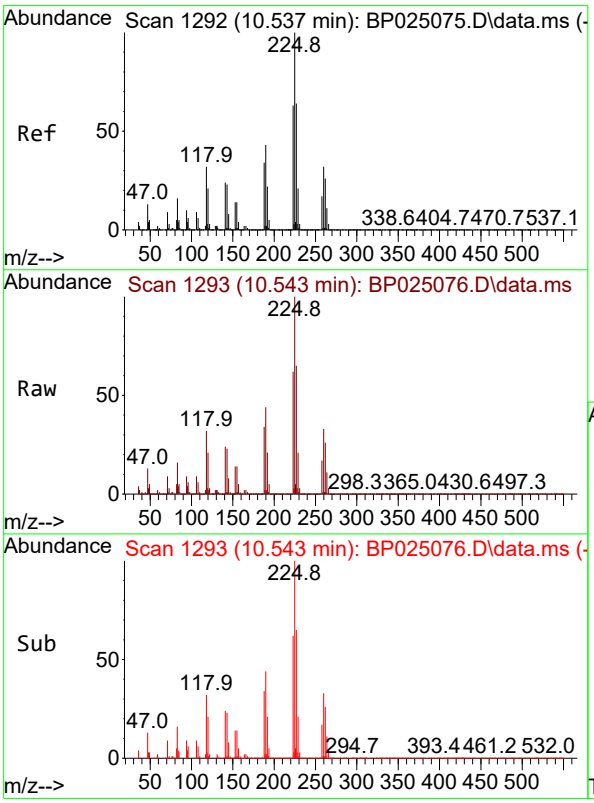
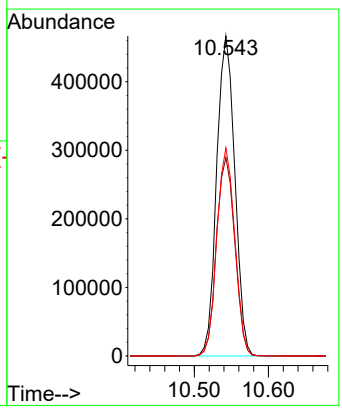
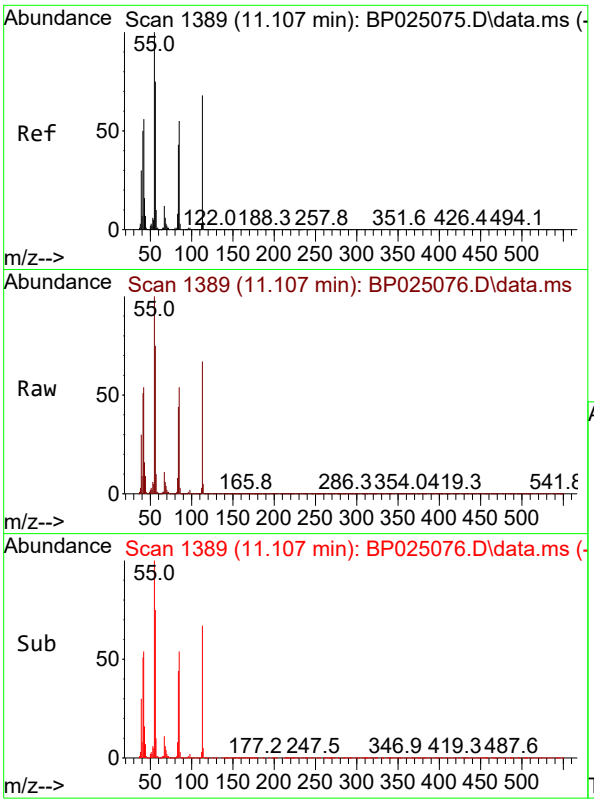


#34
Hexachlorobutadiene
Concen: 49.768 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:225 Resp: 793648

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	65.0	51.3	76.9

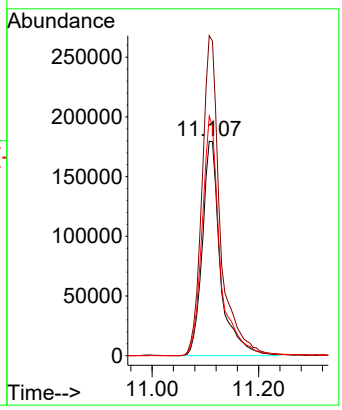




#35
Caprolactam
Concen: 49.189 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:113 Resp: 42226

Ion	Ratio	Lower	Upper
113	100		
55	149.2	128.1	168.1
56	111.6	90.7	130.7



Instrument :
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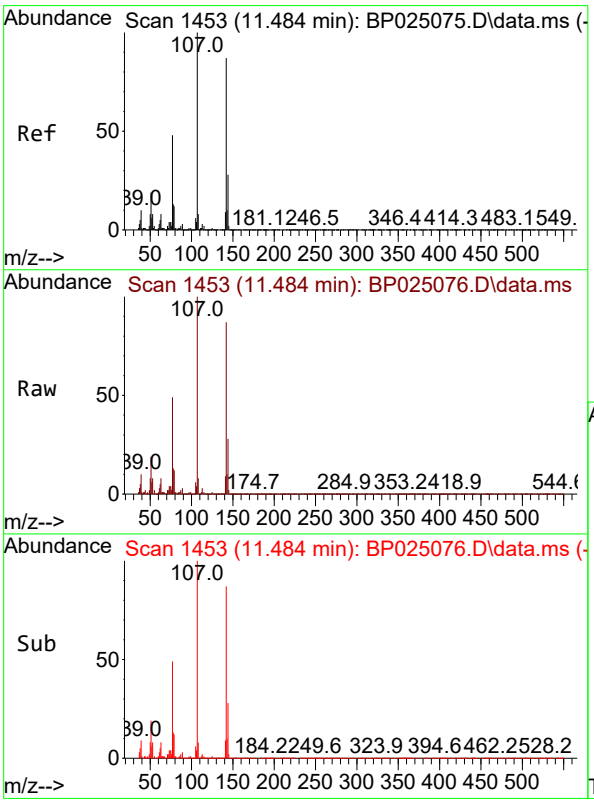
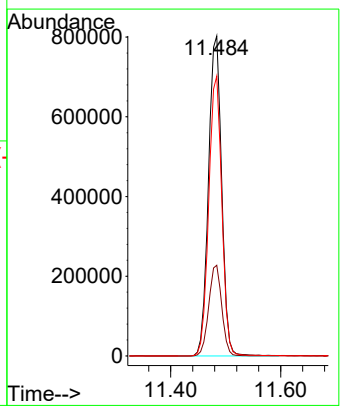
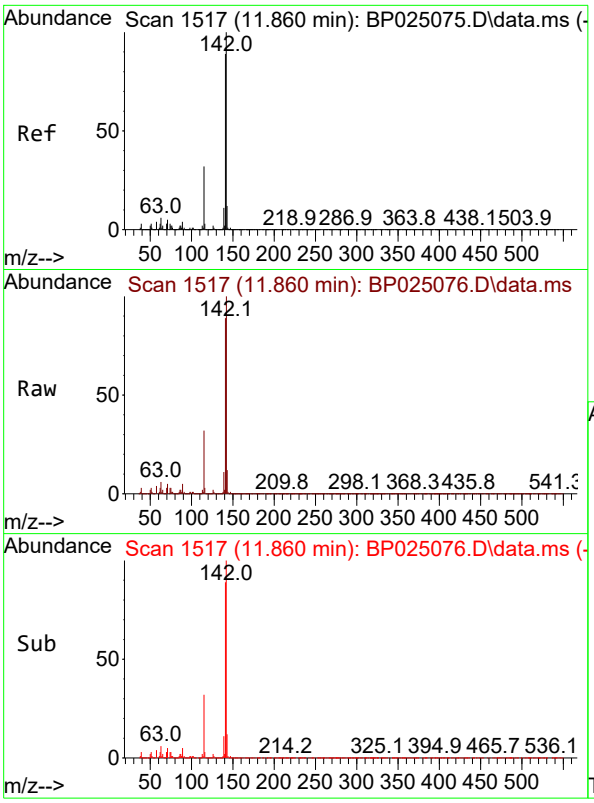


#36
4-Chloro-3-methylphenol
Concen: 50.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1335155

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	87.5	69.6	104.4

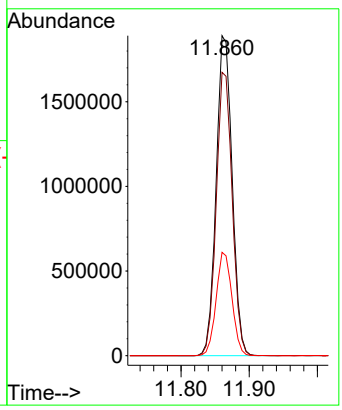




#37
2-Methylnaphthalene
Concen: 49.170 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 308417

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	32.3	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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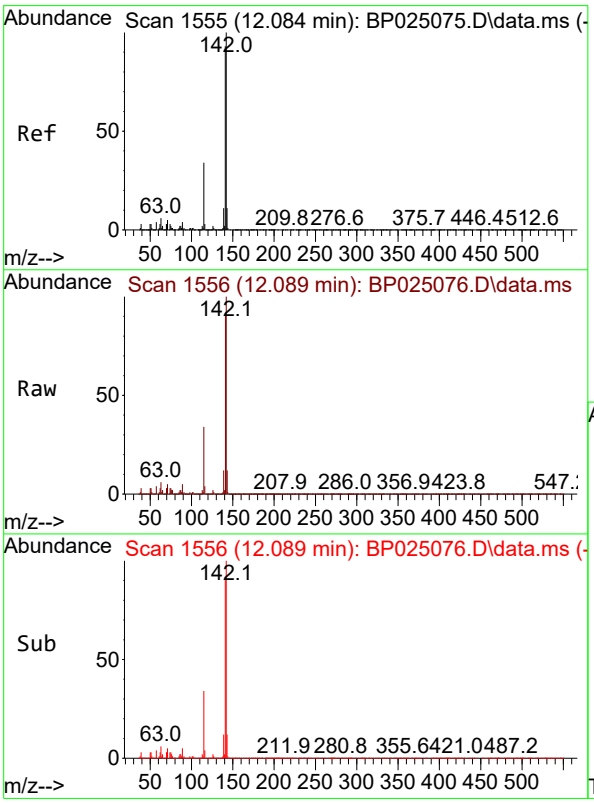
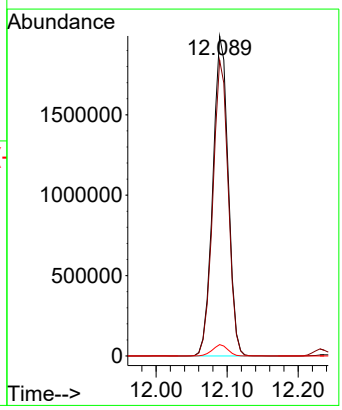
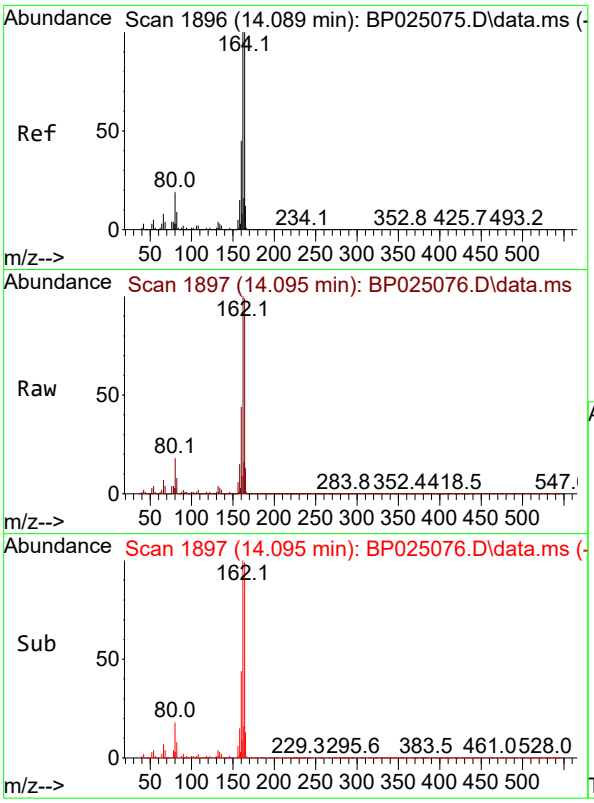


#38
1-Methylnaphthalene
Concen: 48.774 ng
RT: 12.089 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 2983697

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1
116	3.5	2.7	4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 111710

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.9	35.9	53.9

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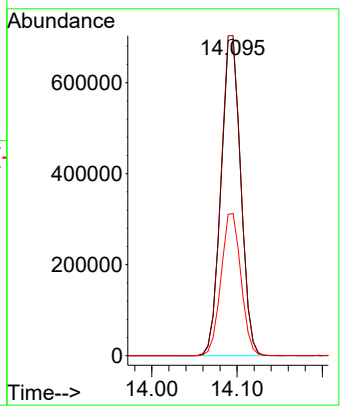
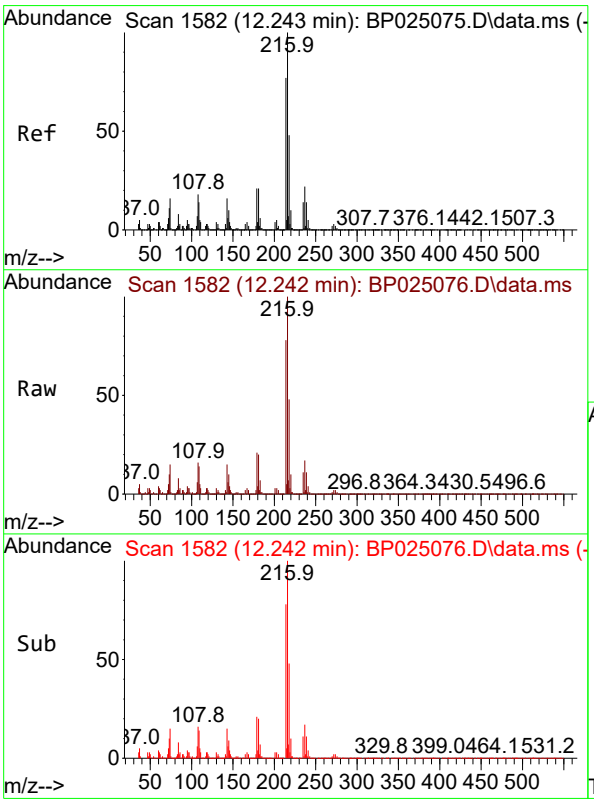
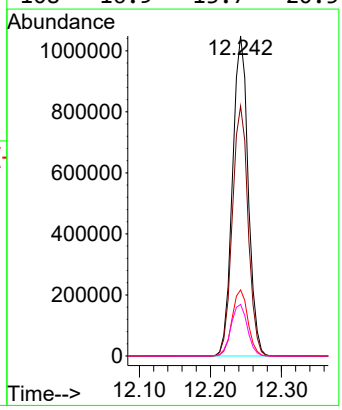


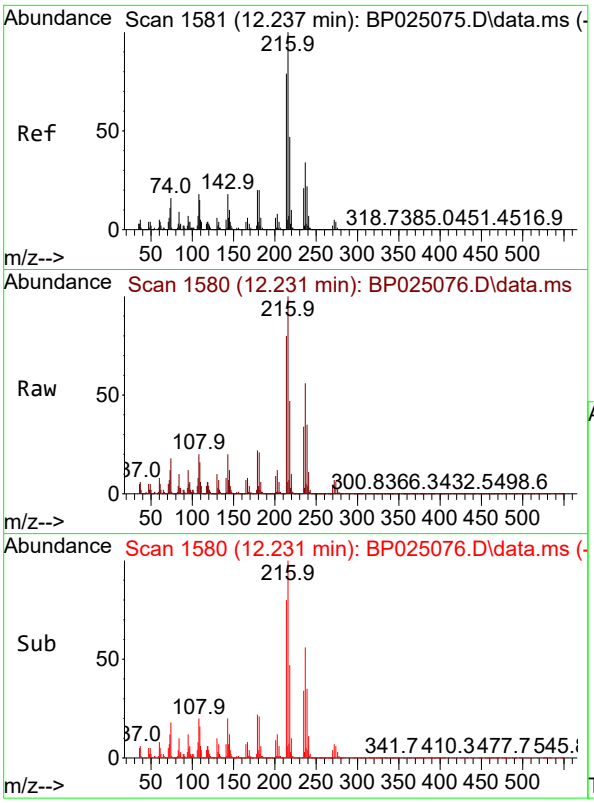


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.237 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:216 Resp: 1612893

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 53.975 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 45263

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.6	81.6
272	13.4	0.0	33.6

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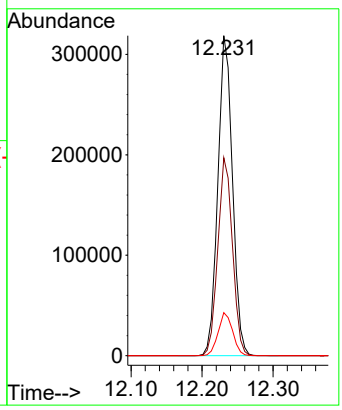
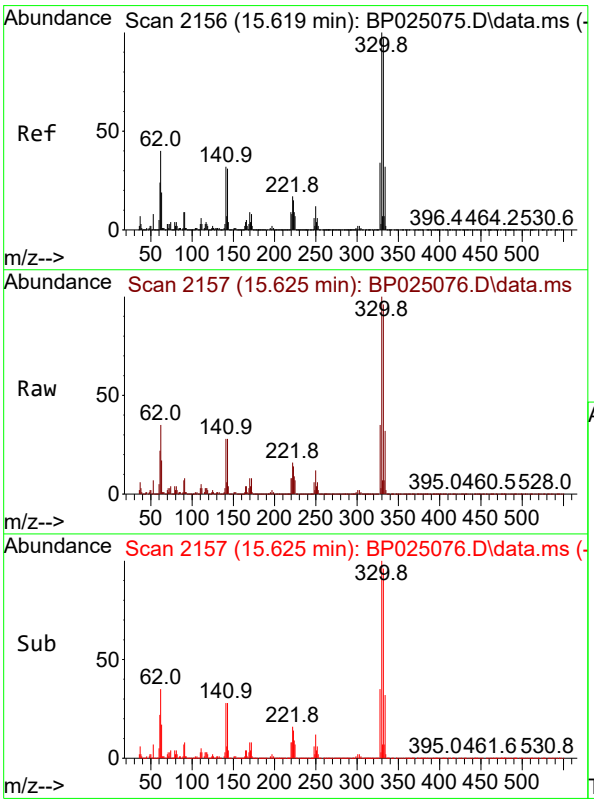
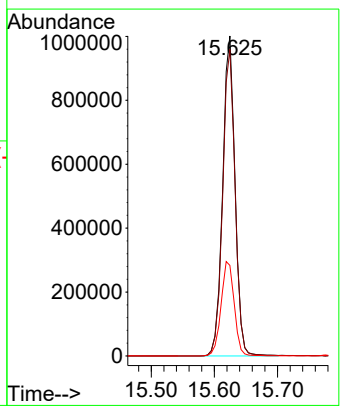


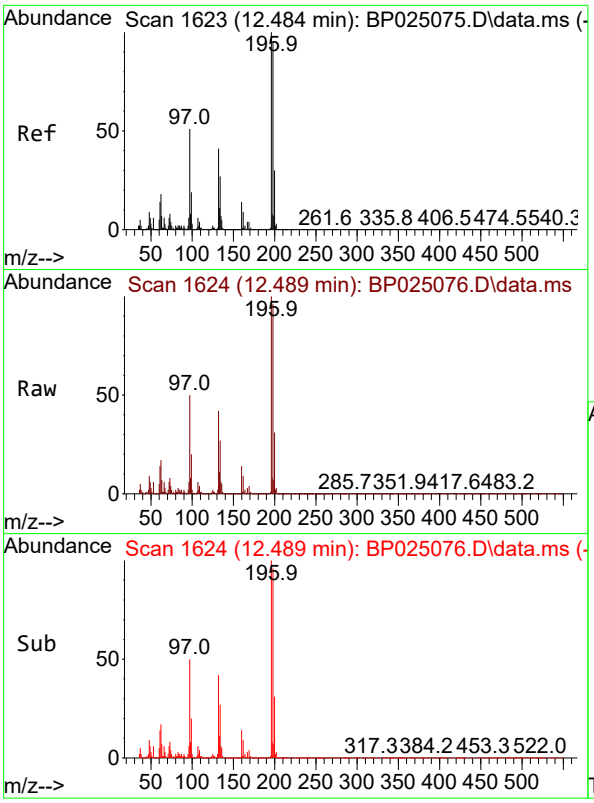


#42
2,4,6-Tribromophenol
Concen: 103.255 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:330 Resp: 1362624

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	31.6	26.0	39.0

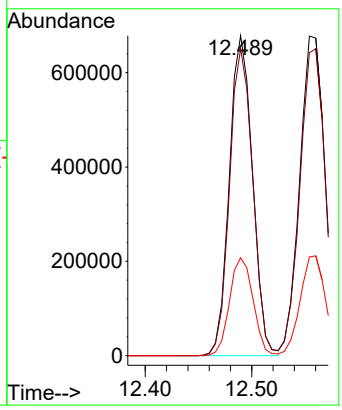




#43
2,4,6-Trichlorophenol
Concen: 52.823 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 102690

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	30.6	24.3	36.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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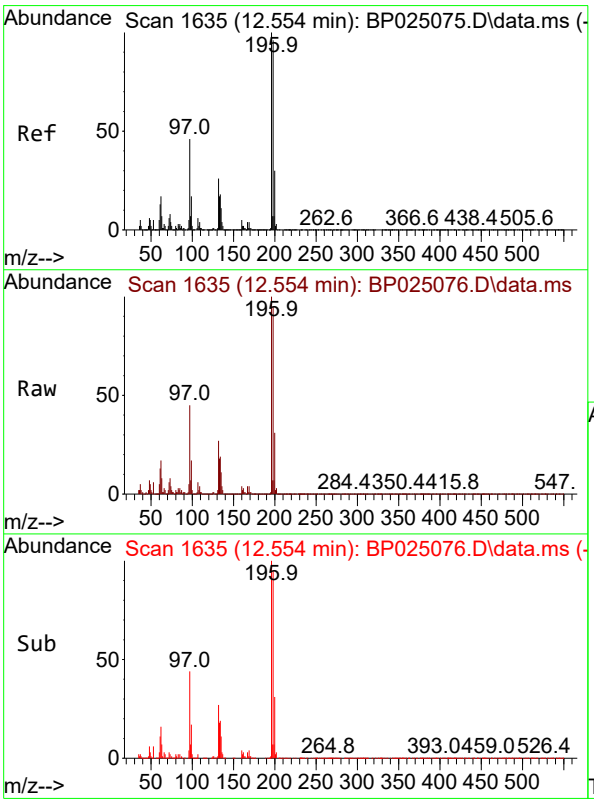
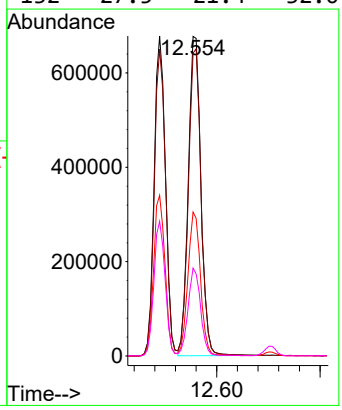
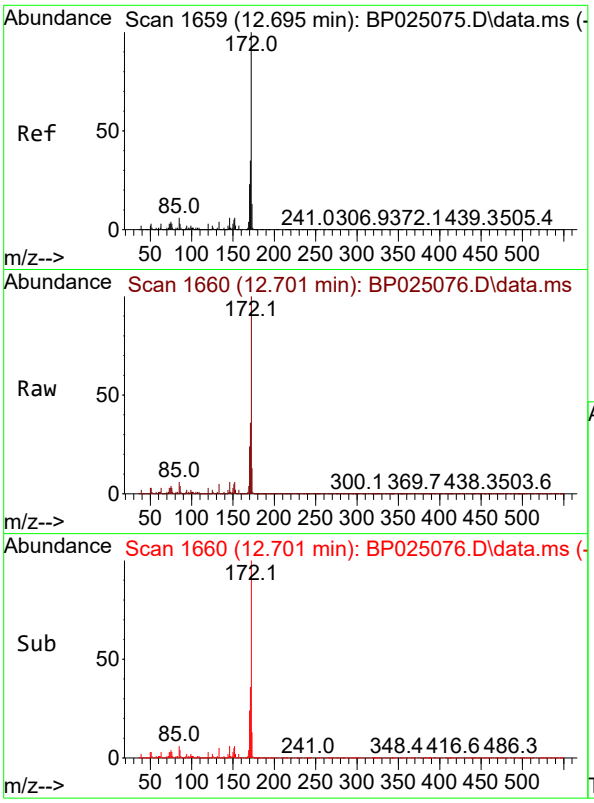


#44
2,4,5-Trichlorophenol
Concen: 52.275 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 1151711

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
97	45.0	36.6	55.0
132	27.5	21.4	32.0

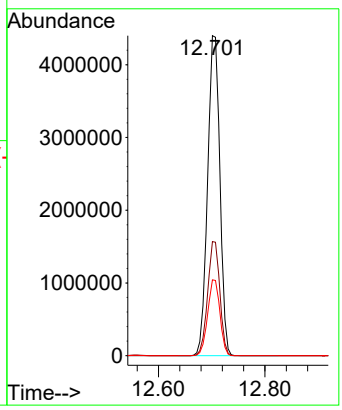




#45
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:172 Resp: 703749

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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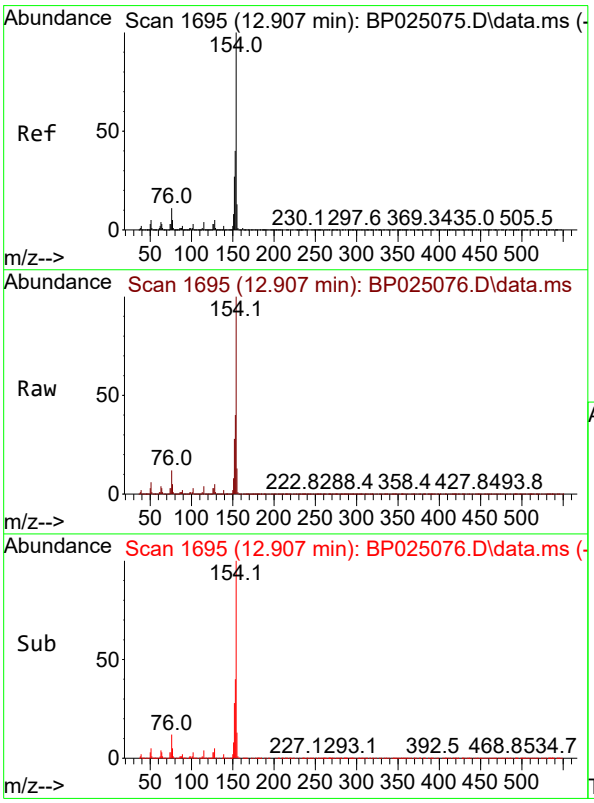
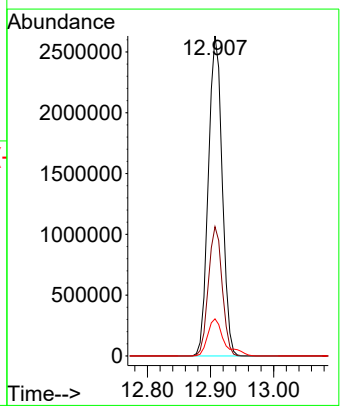
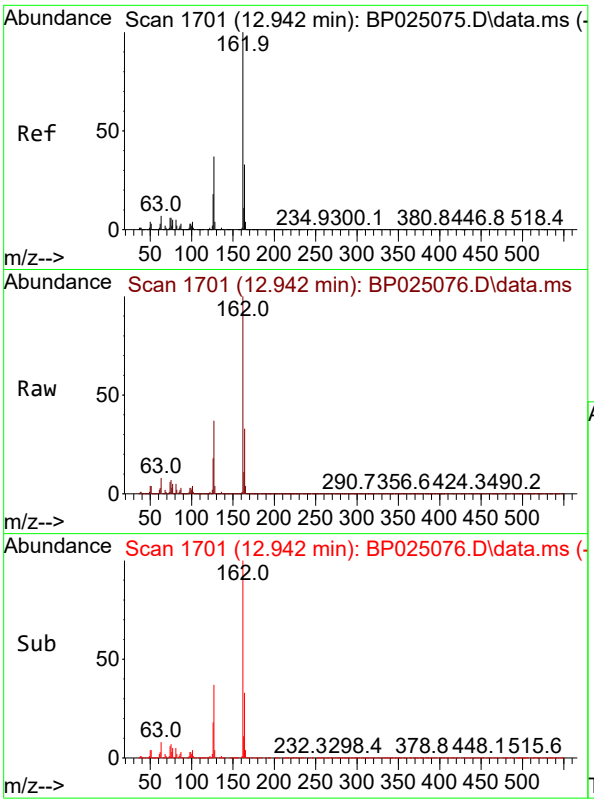


#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 4006544

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.6	0.0	31.5

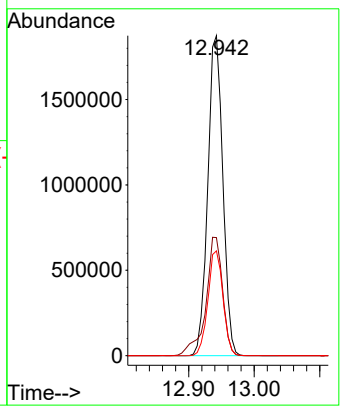




#47
2-Chloronaphthalene
Concen: 48.883 ng
RT: 12.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:162 Resp: 298624

Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.4	44.2
164	32.7	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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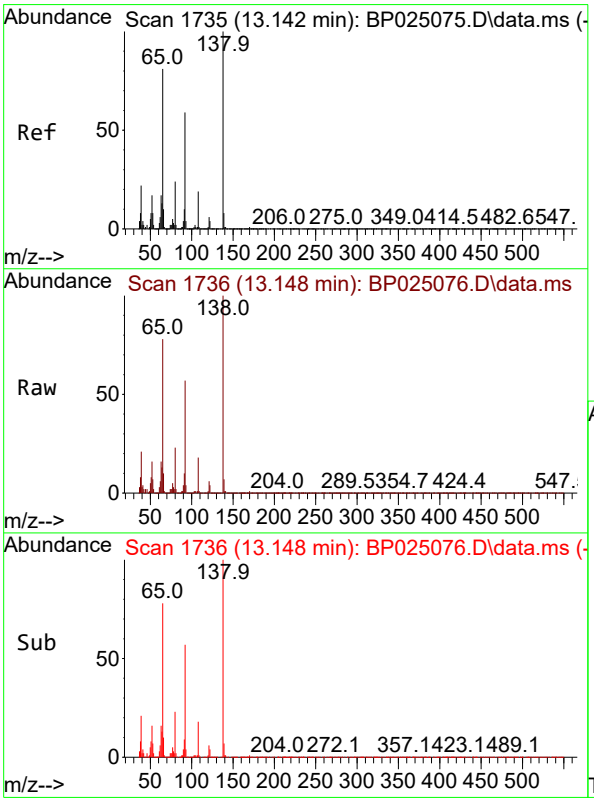
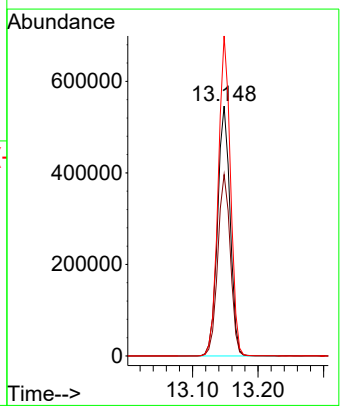
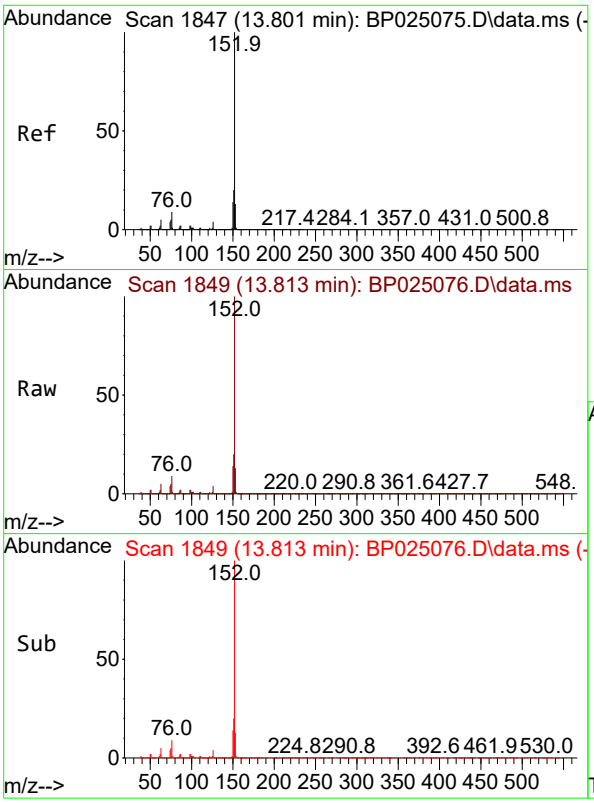


#48
2-Nitroaniline
Concen: 48.247 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 65 Resp: 722237

Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.7	88.1
138	128.1	99.0	148.4

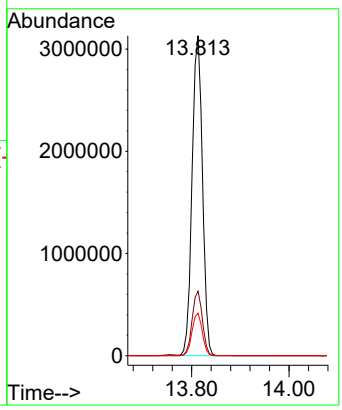




#49
Acenaphthylene
Concen: 49.571 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:152 Resp: 463492

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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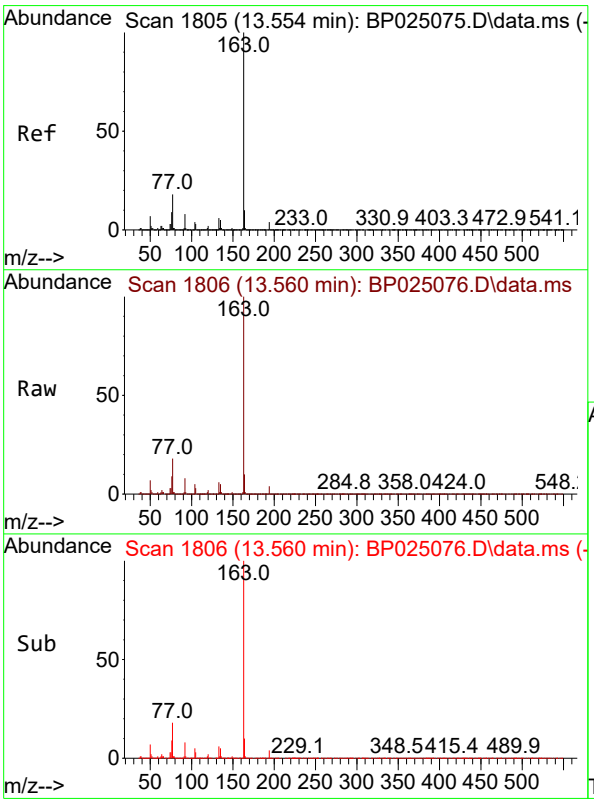
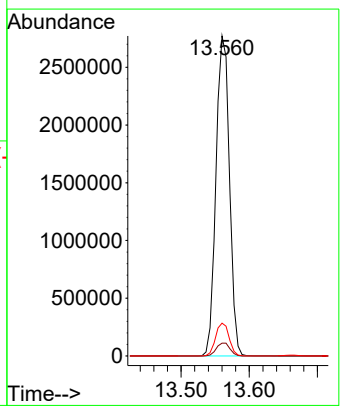
Supervised By :Jagrut Upadhyay 07/07/2025

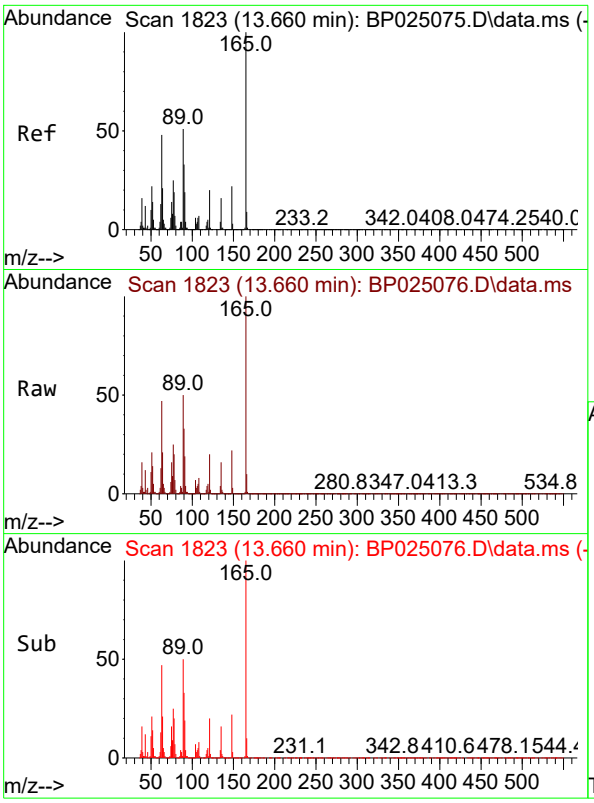


#50
Dimethylphthalate
Concen: 48.733 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:163 Resp: 3810769

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 53.202 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:165 Resp: 81137

Ion	Ratio	Lower	Upper
165	100		
63	46.7	38.5	57.7
89	50.1	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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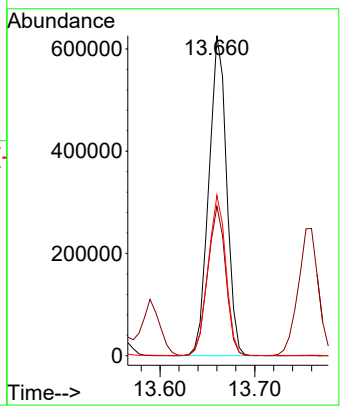
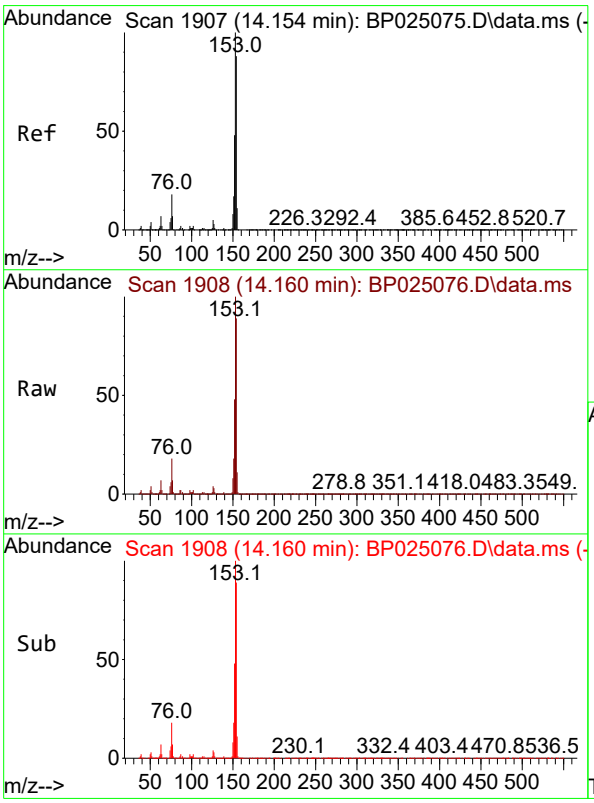
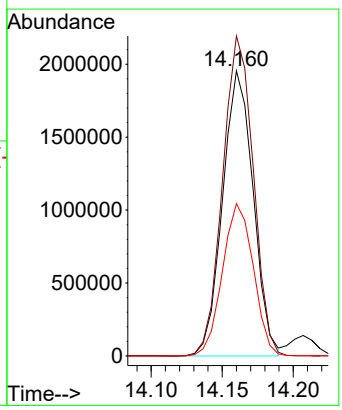


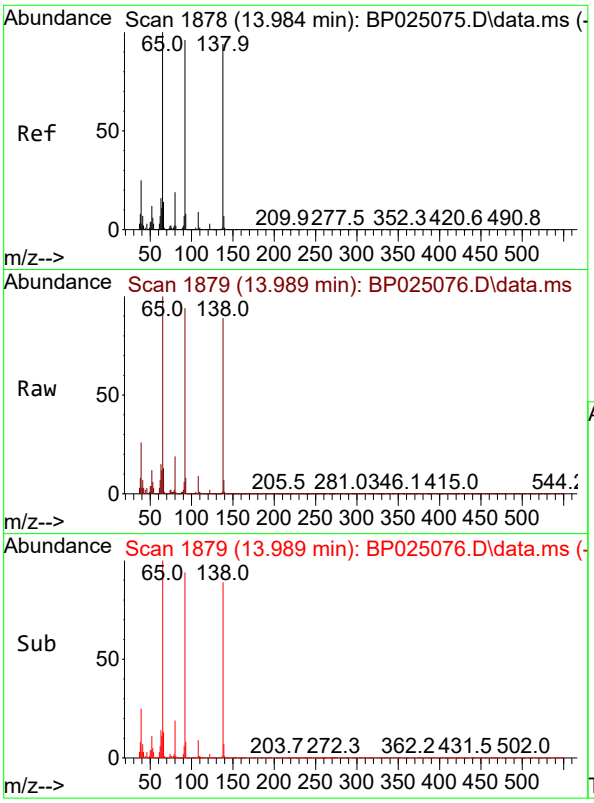


#52
Acenaphthene
Concen: 48.515 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 2923605

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.6	136.0
152	53.4	43.8	65.8





#53
3-Nitroaniline
Concen: 52.965 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 8656

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	105.7	81.0	121.4

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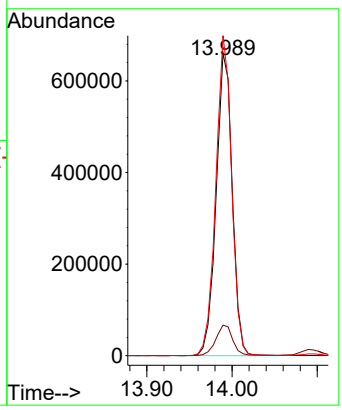
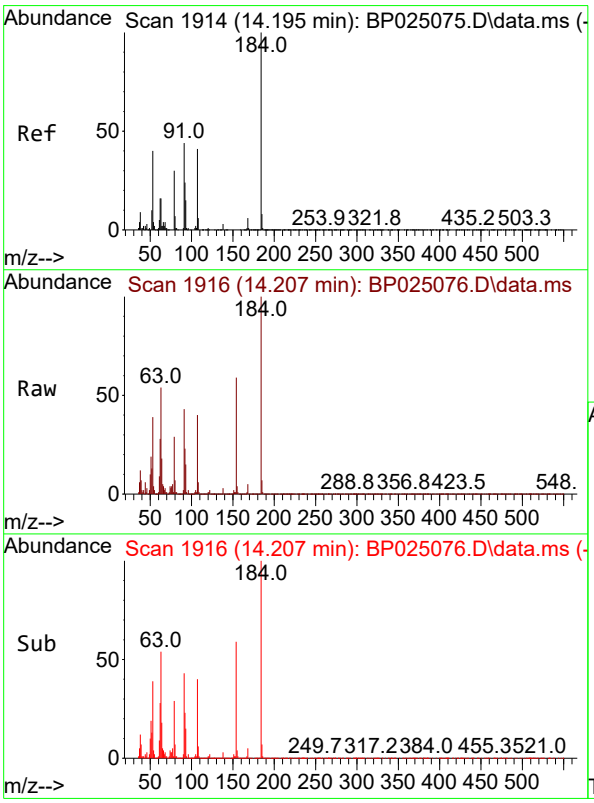
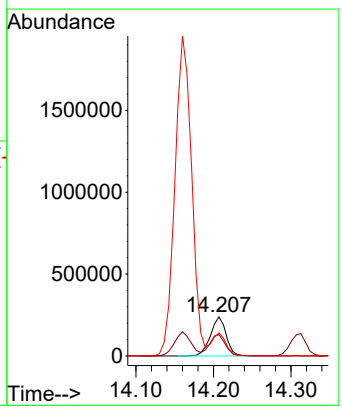


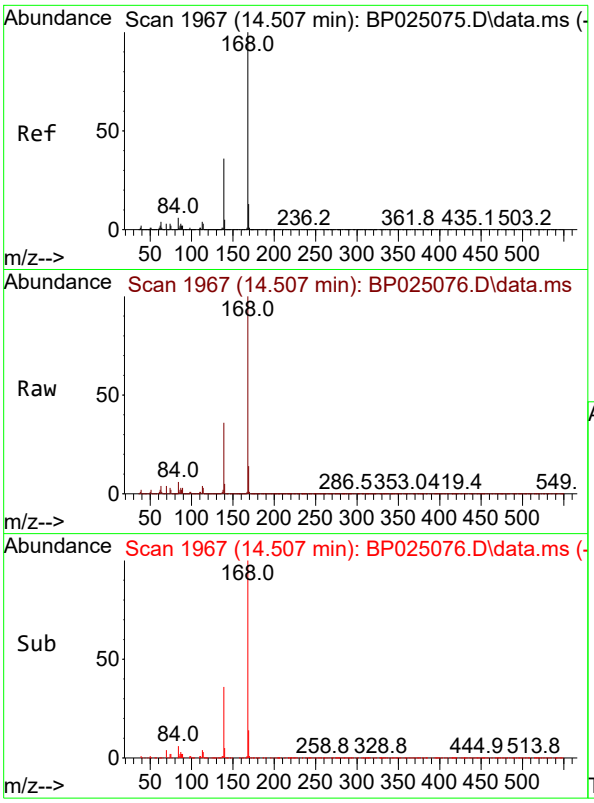


#54
2,4-Dinitrophenol
Concen: 47.384 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 335631

Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.4	71.0
154	59.1	47.8	71.8

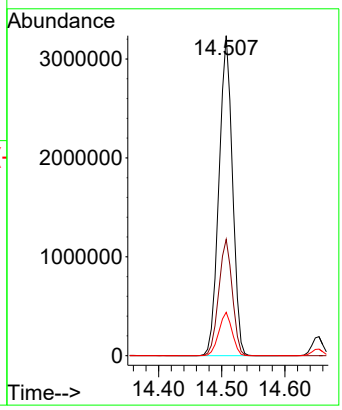




#55
Dibenzofuran
Concen: 48.287 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:168 Resp: 480234

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.5	10.7	16.1



Instrument :
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ClientSampleId :
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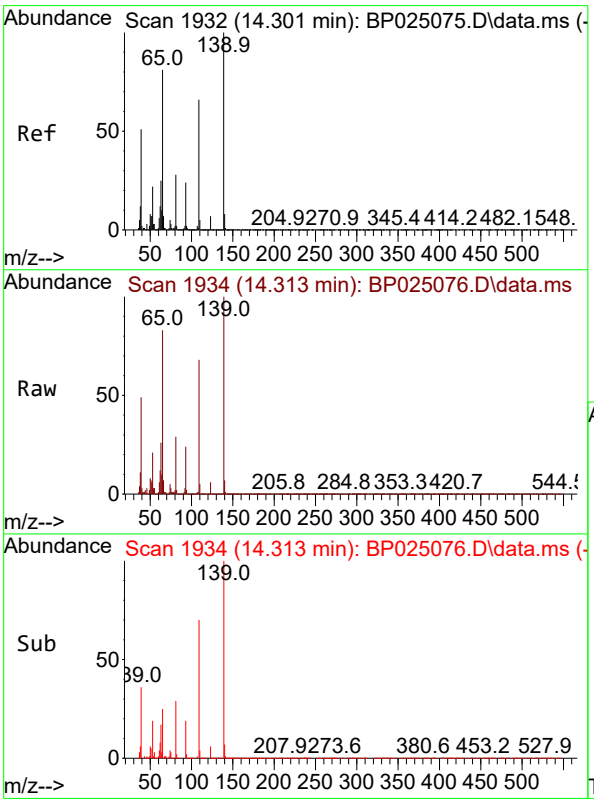
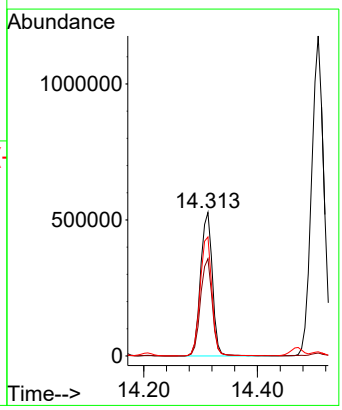
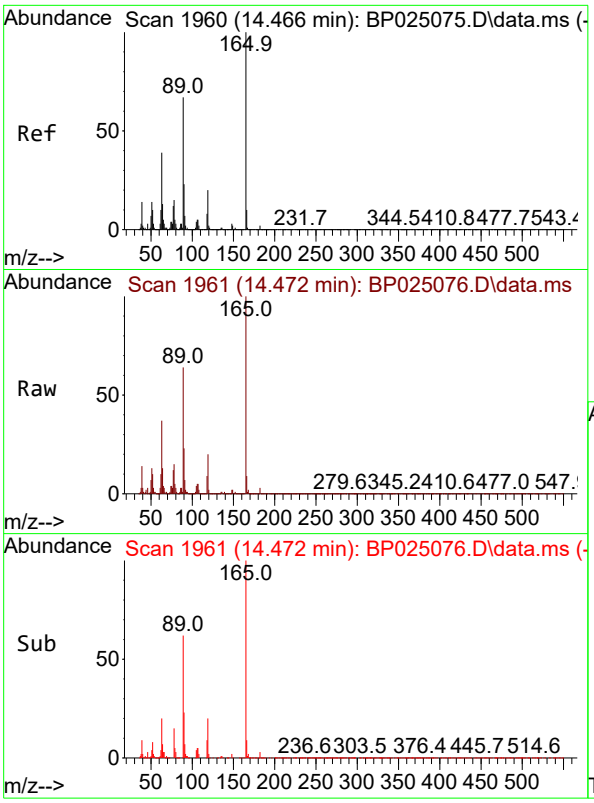


#56
4-Nitrophenol
Concen: 50.679 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 764396

Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.9	85.9
65	83.0	61.4	101.4

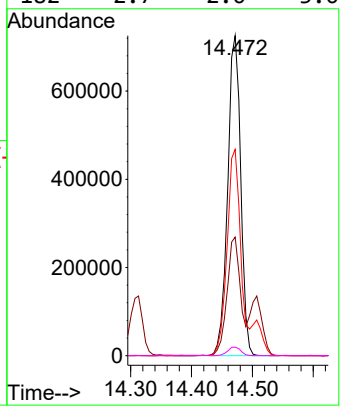




#57
2,4-Dinitrotoluene
Concen: 48.291 ng
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:165 Resp: 108127

Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.4
89	64.5	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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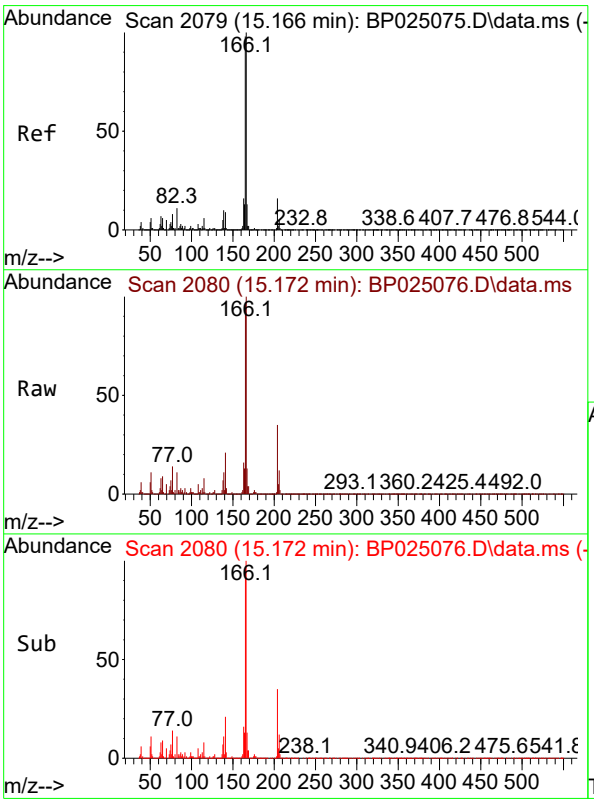
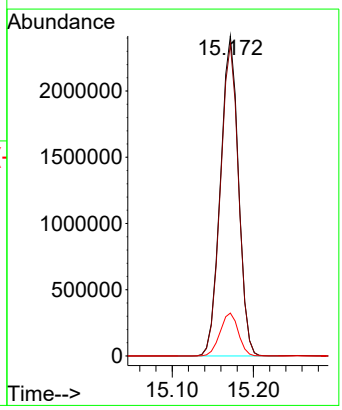
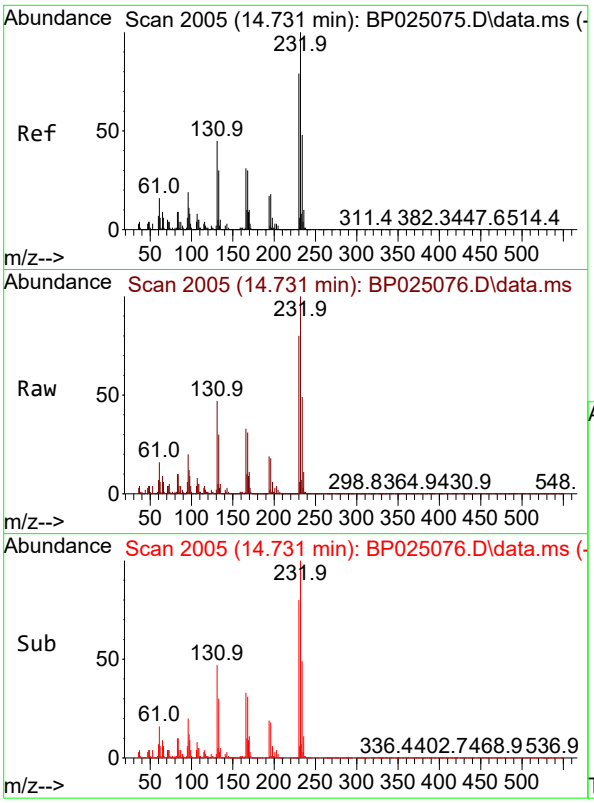


#58
Fluorene
Concen: 48.458 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:166 Resp: 3727642

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.4	10.7	16.1

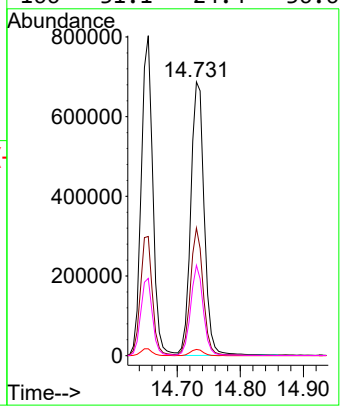




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.872 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:232 Resp: 101496

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.2	1.8	2.6
166	31.1	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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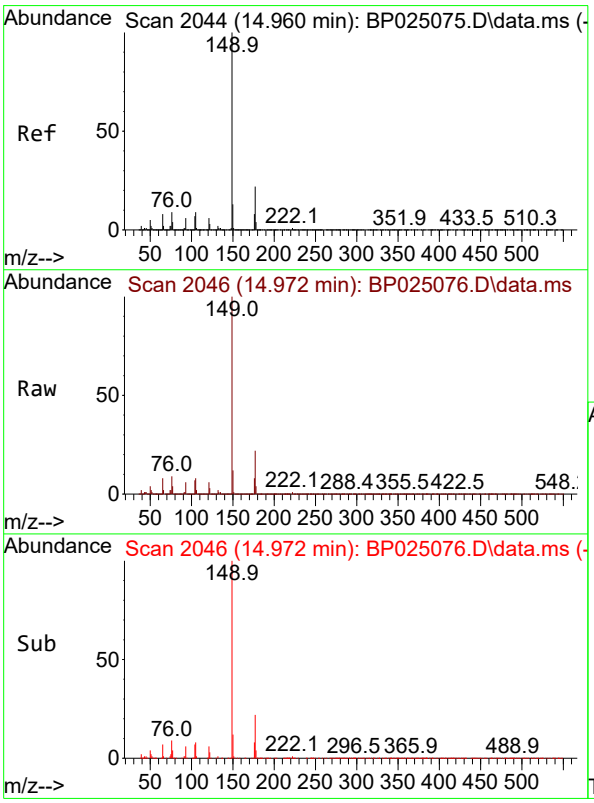
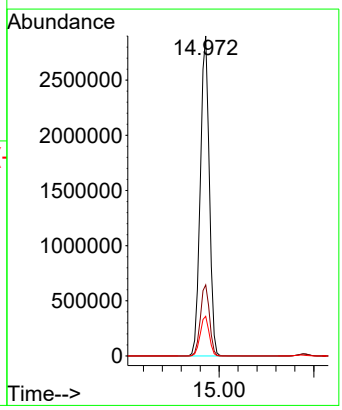
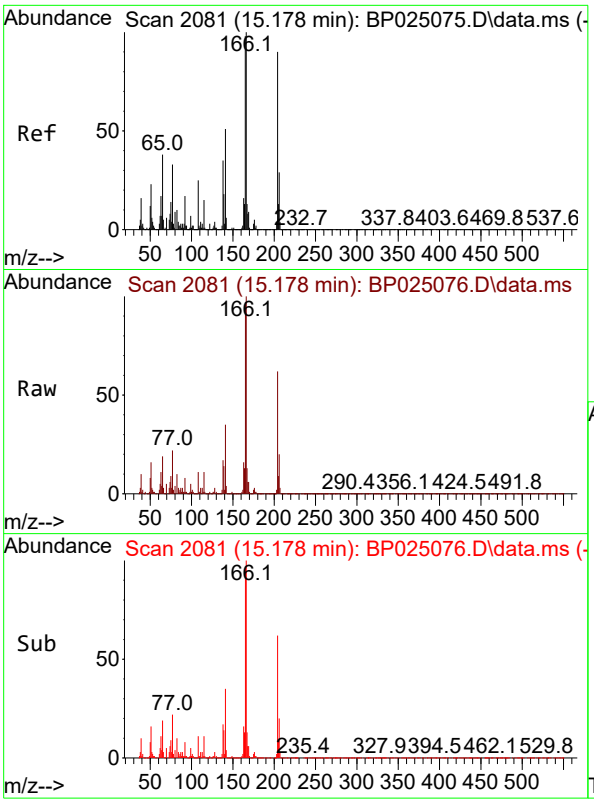


#60
Diethylphthalate
Concen: 48.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 3816042

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.4	10.2	15.2

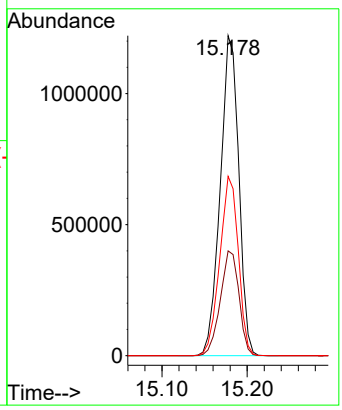




#61
4-Chlorophenyl-phenylether
Concen: 48.332 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:204 Resp: 183997

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	56.1	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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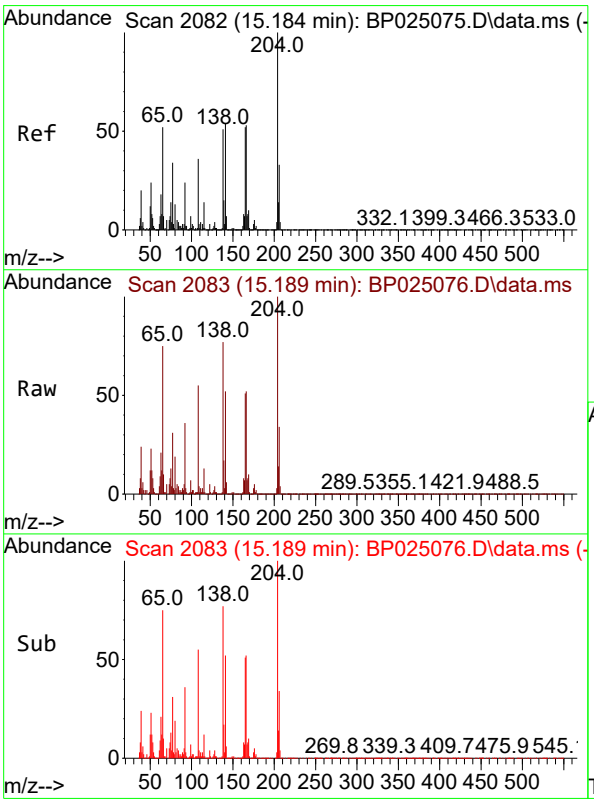
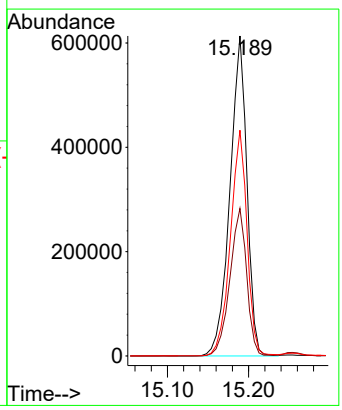
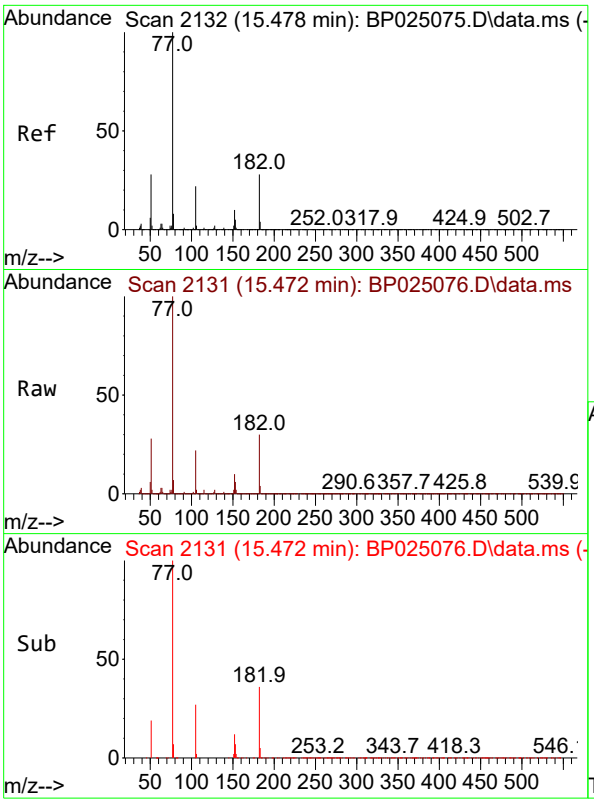


#62
4-Nitroaniline
Concen: 51.948 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:138 Resp: 890284

Ion	Ratio	Lower	Upper
138	100		
92	46.1	26.0	66.0
108	70.5	50.0	90.0

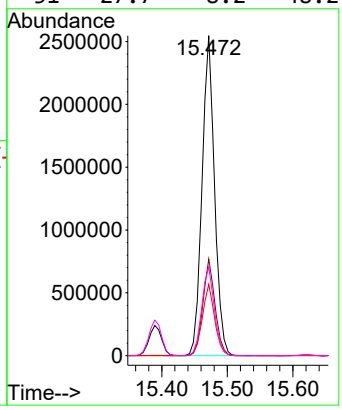




#63
Azobenzene
Concen: 48.355 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 338184

Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.7	47.7
105	22.3	1.9	41.9
51	27.7	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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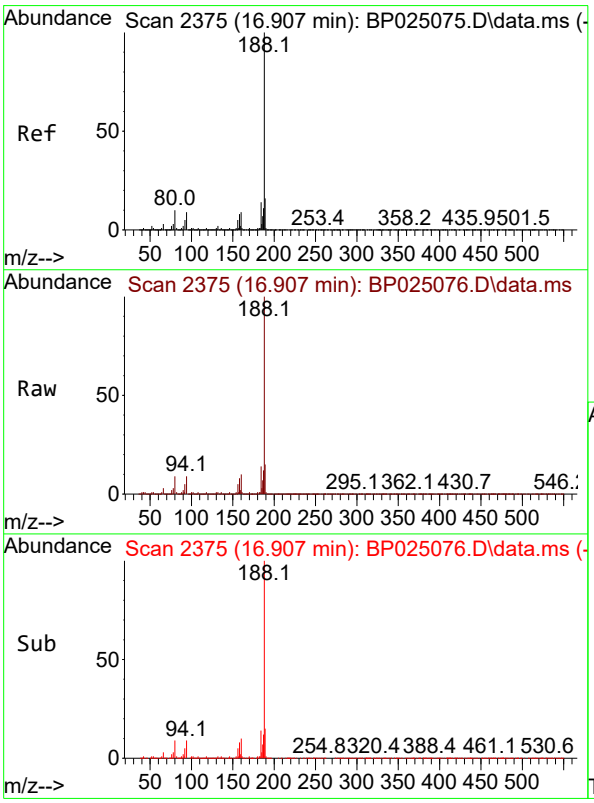
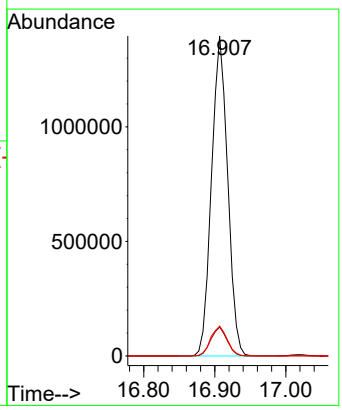
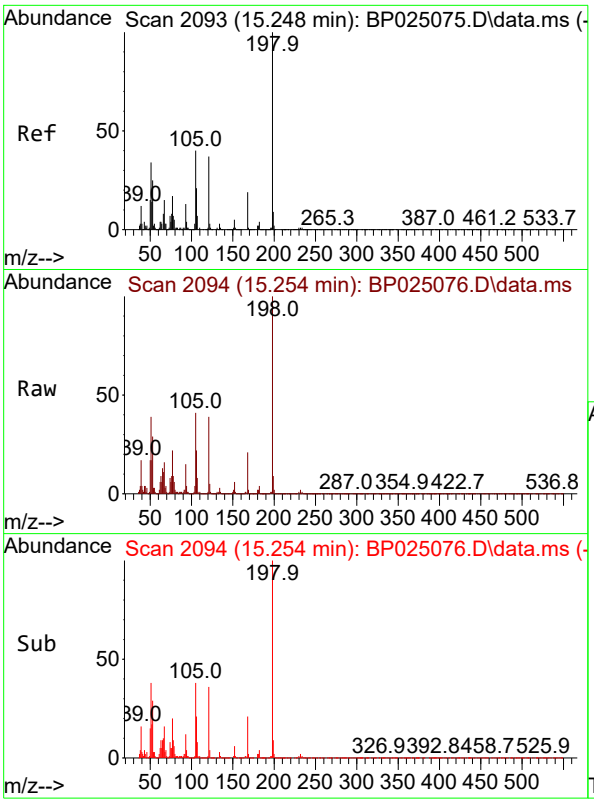


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:188 Resp: 2198784

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.4	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.762 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:198 Resp: 48891

Ion	Ratio	Lower	Upper
198	100		
51	39.3	16.8	56.8
105	41.3	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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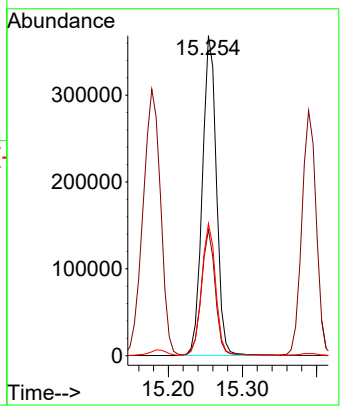
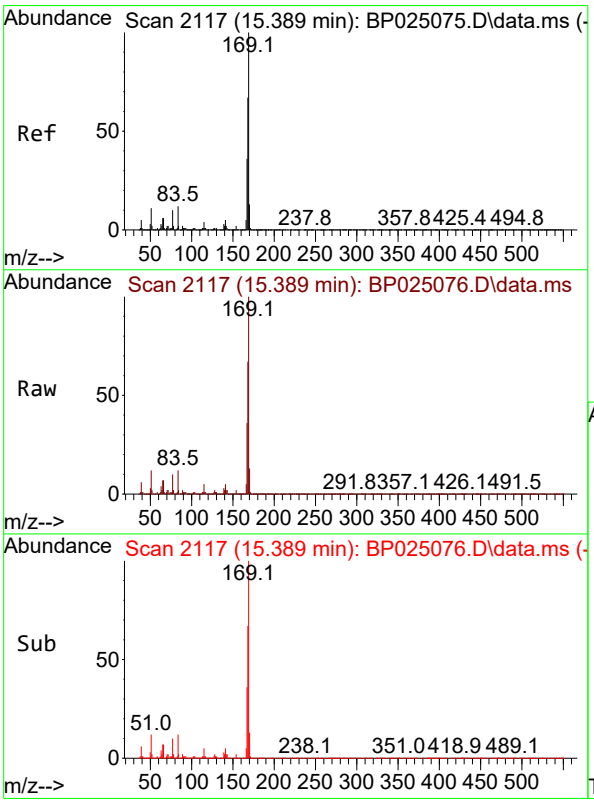
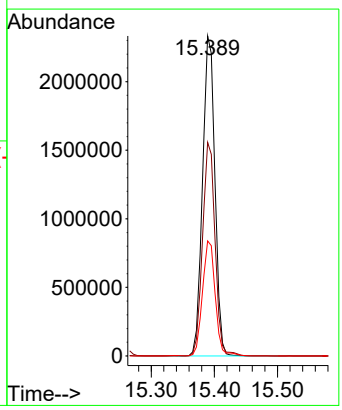


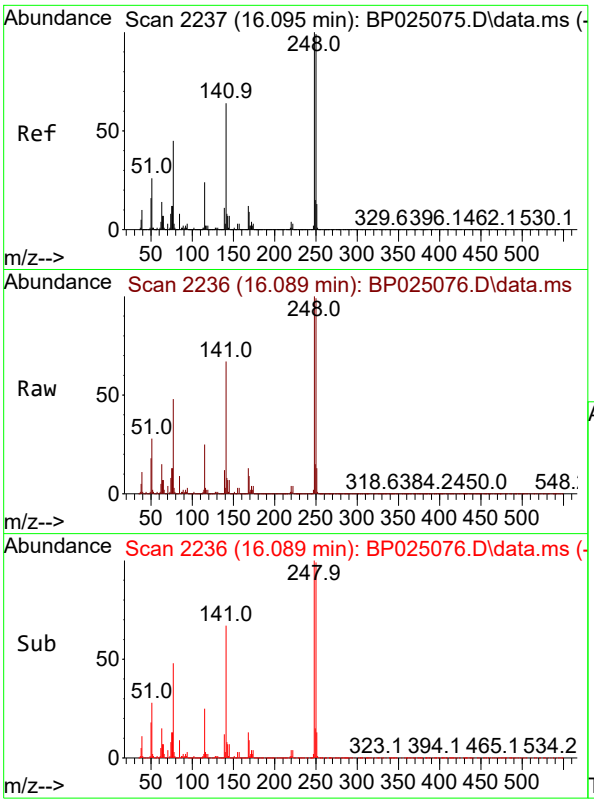


#66
n-Nitrosodiphenylamine
Concen: 50.162 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:169 Resp: 3156476

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.0	29.0	43.6

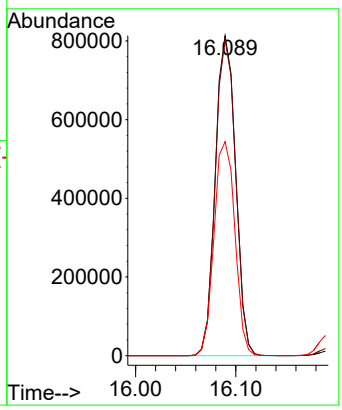




#67
4-Bromophenyl-phenylether
Concen: 50.881 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:248 Resp: 114549

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	66.9	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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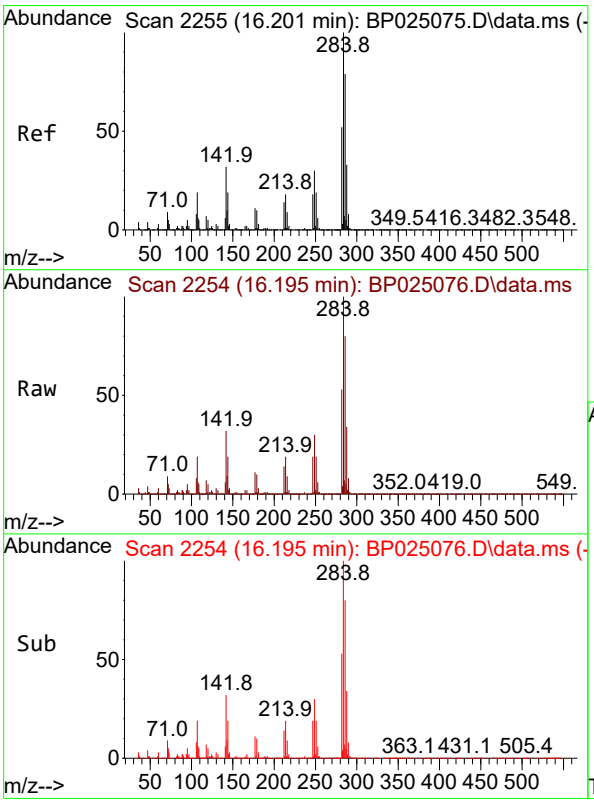
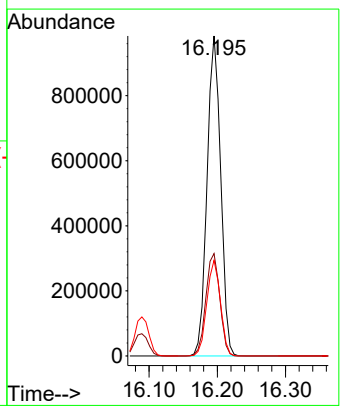
Supervised By :Jagrut Upadhyay 07/07/2025

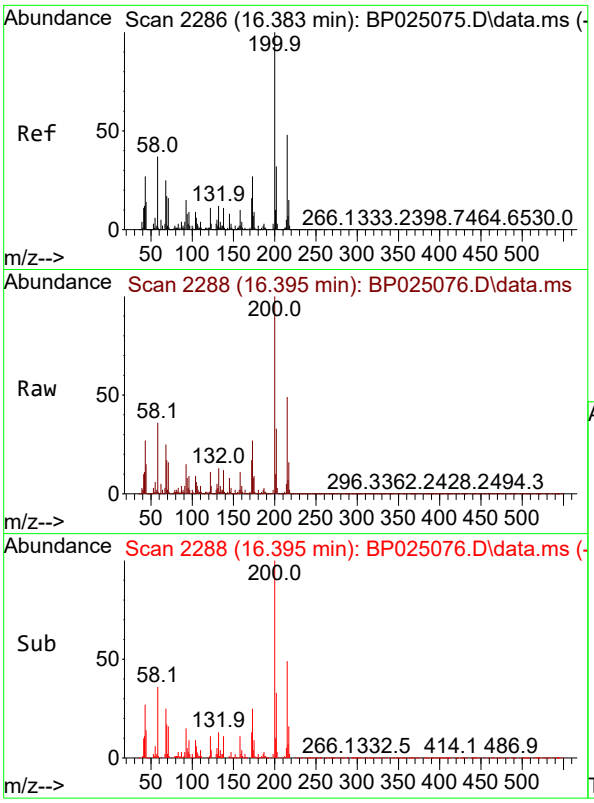


#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:284 Resp: 1365447

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.9	23.8	35.8





#69
Atrazine
Concen: 50.863 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:200 Resp: 93788

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.6	28.0	68.0

Instrument :
BNA_P
ClientSampleId :
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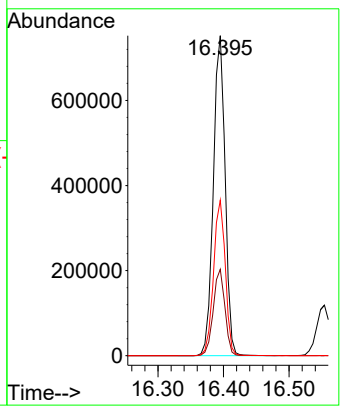
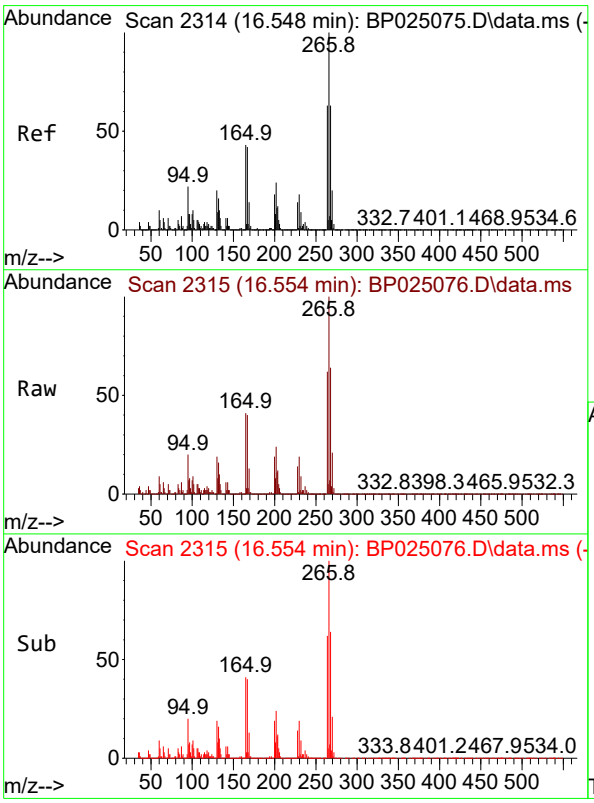
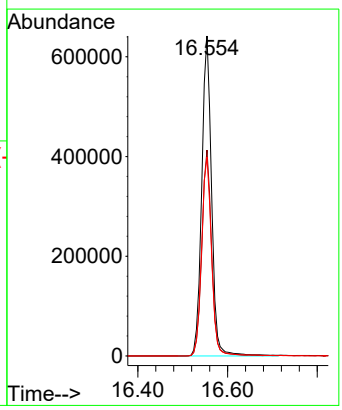


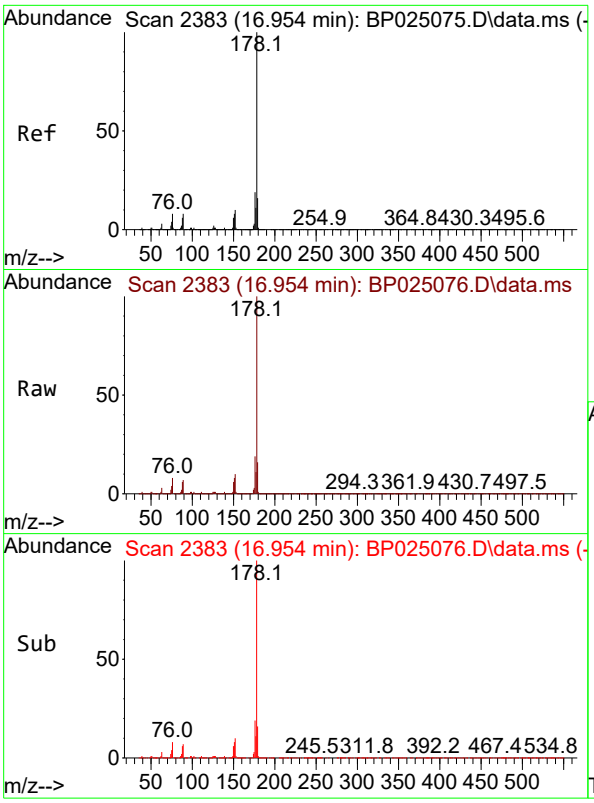


#70
Pentachlorophenol
Concen: 52.511 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:266 Resp: 975866

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.4	75.6
264	62.2	50.2	75.2

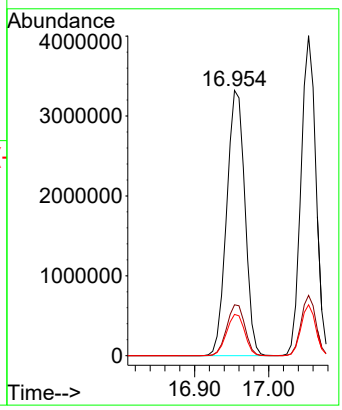




#71
Phenanthrene
Concen: 48.179 ng
RT: 16.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 566055

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0



Instrument :
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ClientSampleId :
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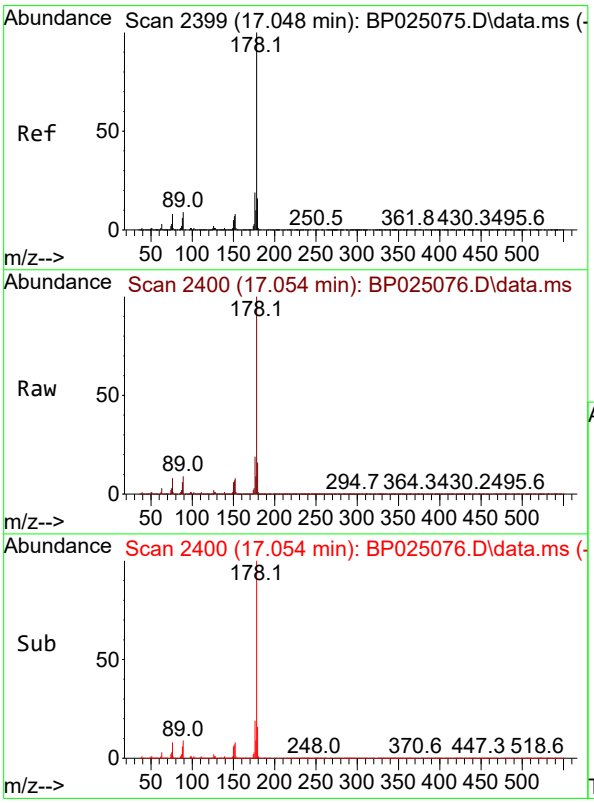
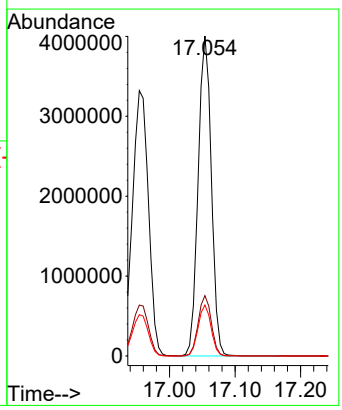
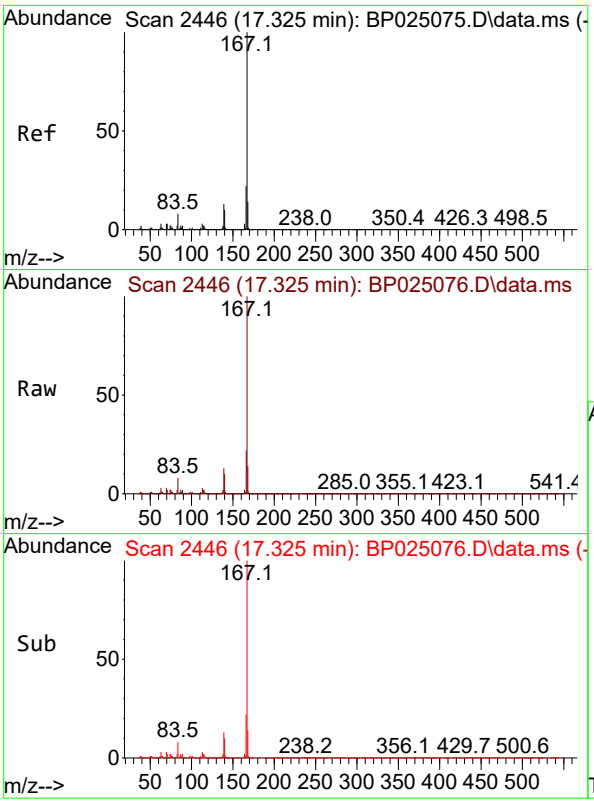


#72
Anthracene
Concen: 49.812 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 5614698

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.9	12.5	18.7

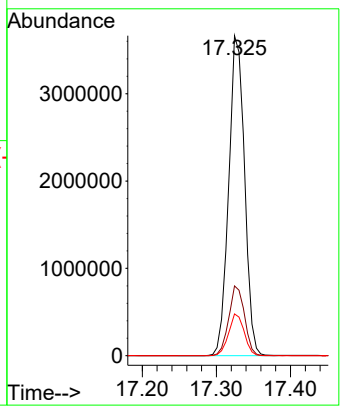




#73
Carbazole
Concen: 49.399 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:167 Resp: 544419

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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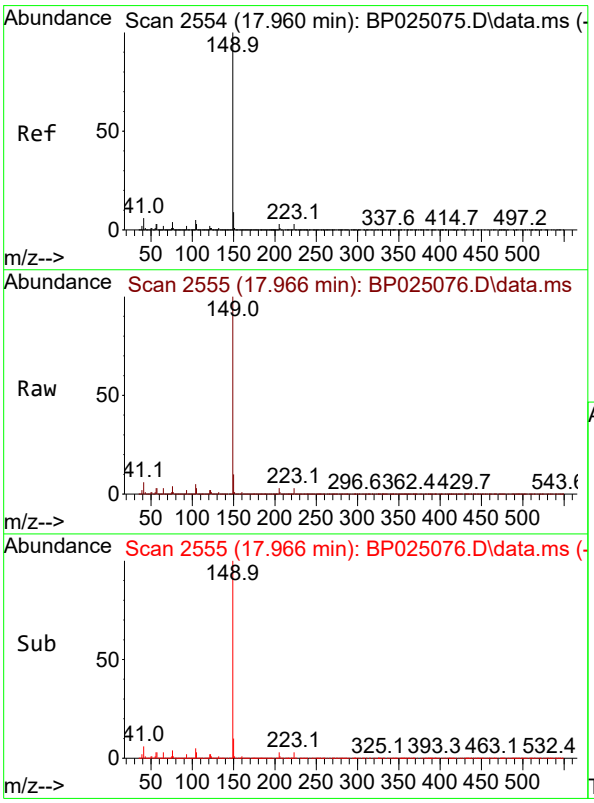
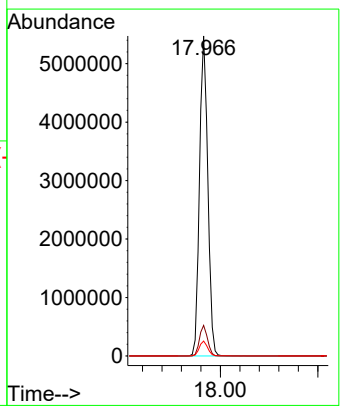
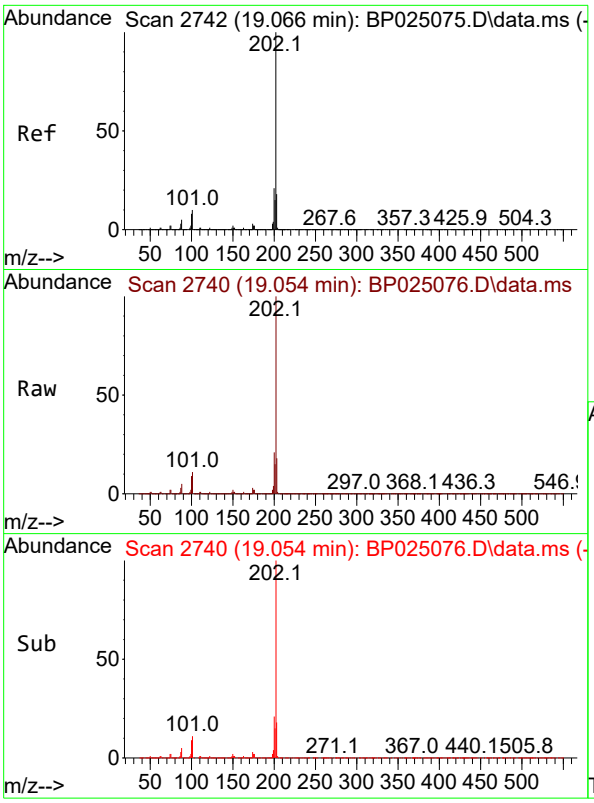


#74
Di-n-butylphthalate
Concen: 52.713 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6469226

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6





#75
Fluoranthene
Concen: 49.995 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 686598

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.0	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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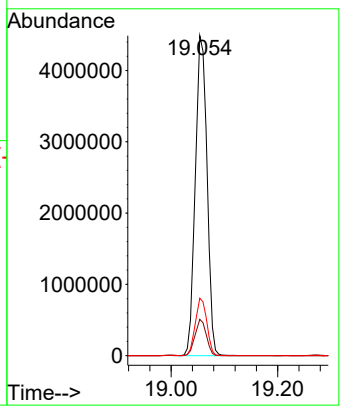
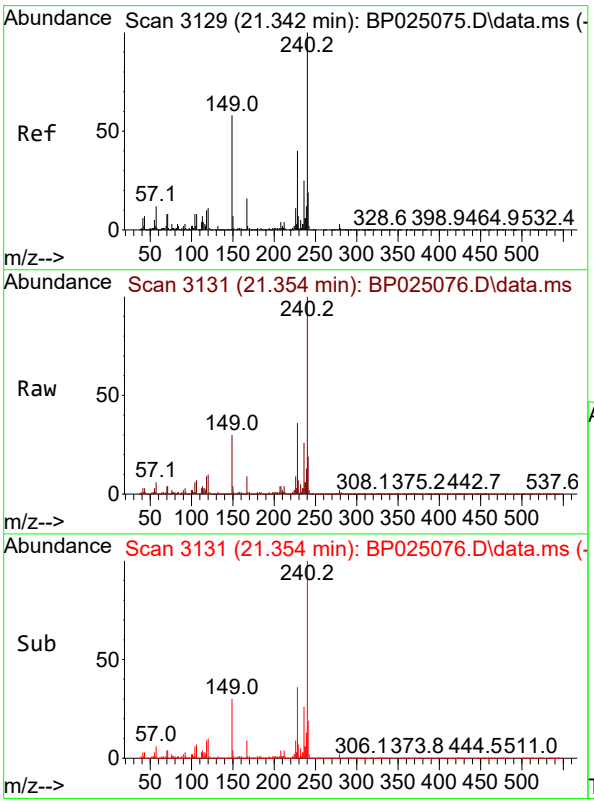
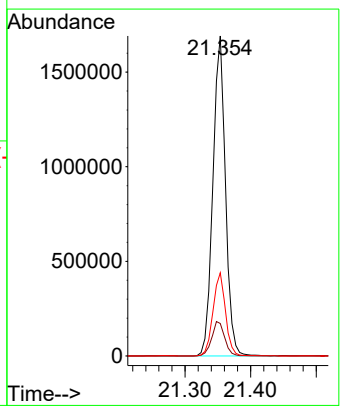


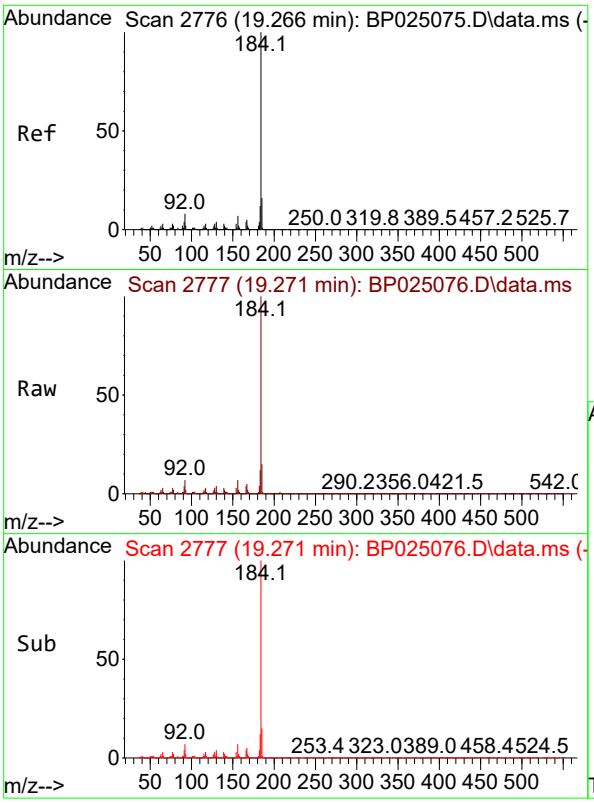


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:240 Resp: 2246809

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.0	20.3	30.5

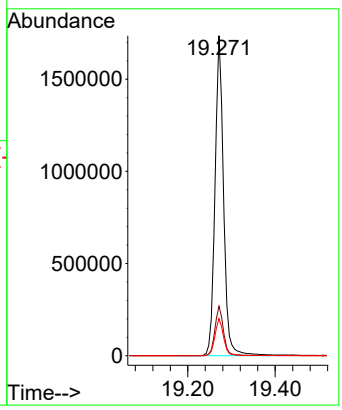




#77
Benzidine
Concen: 59.401 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 235715

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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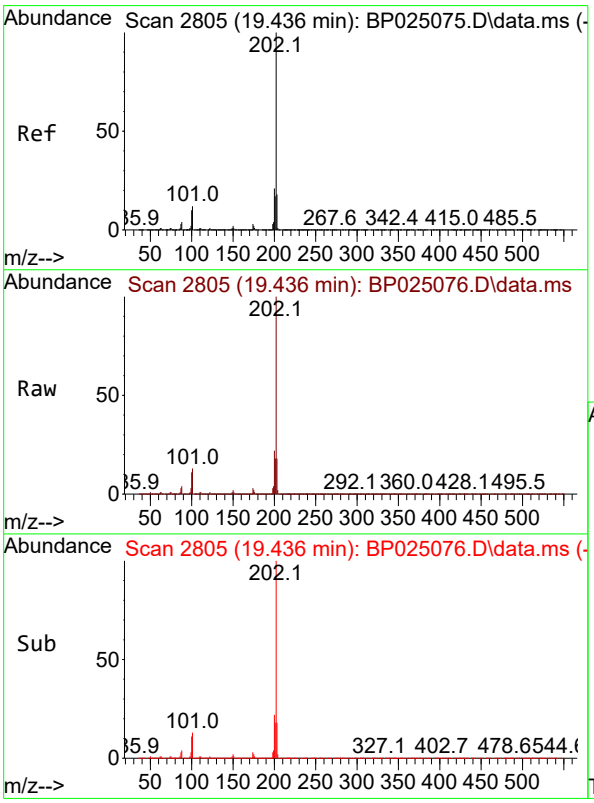
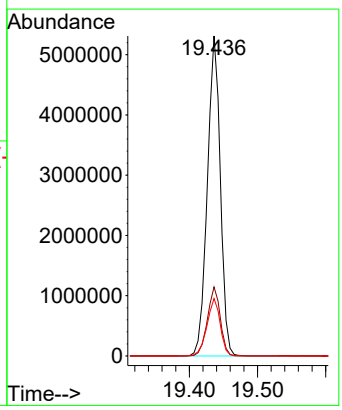
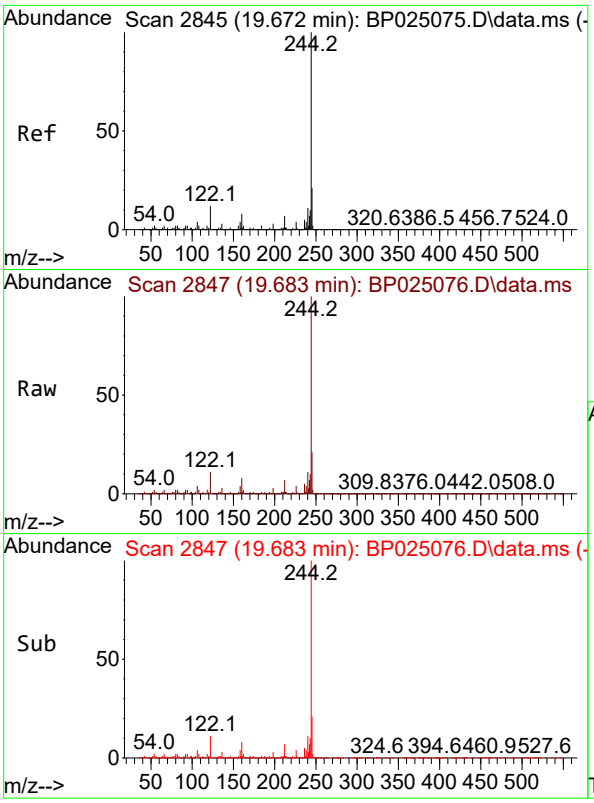


#78
Pyrene
Concen: 50.503 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 7028090

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.9	14.1	21.1

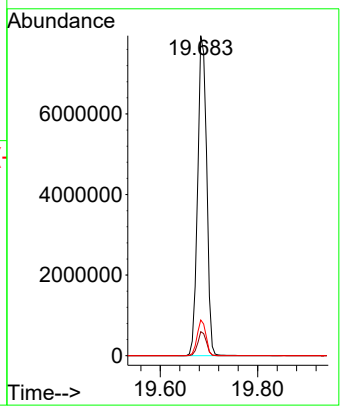




#79
Terphenyl-d14
Concen: 100.557 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:244 Resp:1028002

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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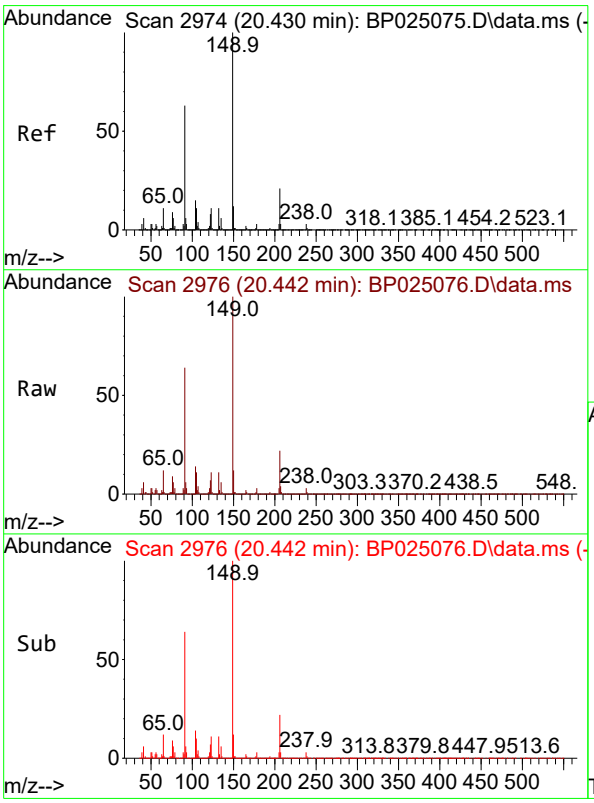
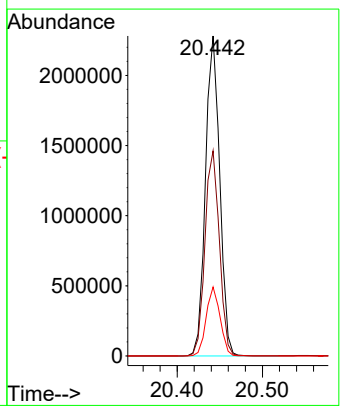
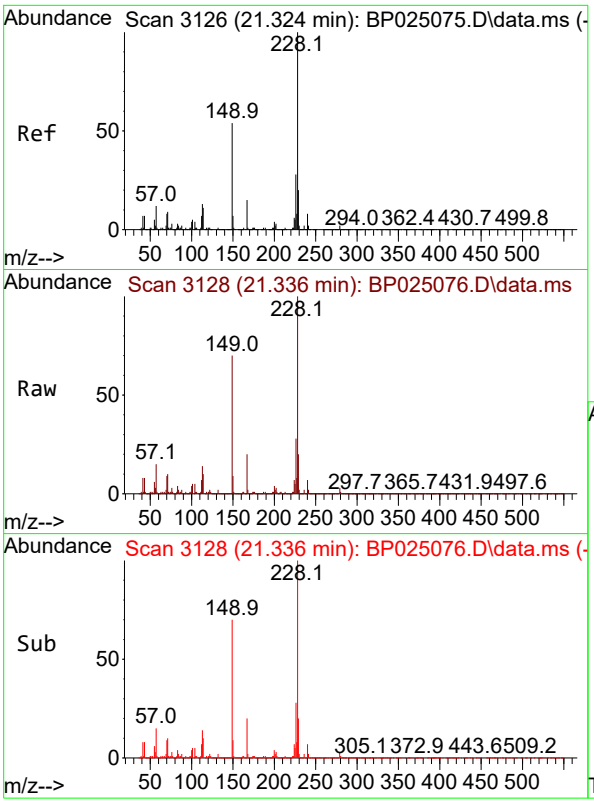


#80
Butylbenzylphthalate
Concen: 49.237 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 2645413

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	21.5	17.2	25.8

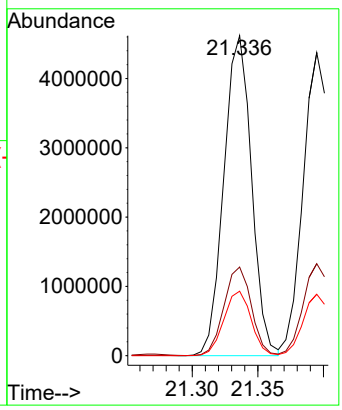




#81
Benzo(a)anthracene
Concen: 49.798 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:228 Resp: 678056

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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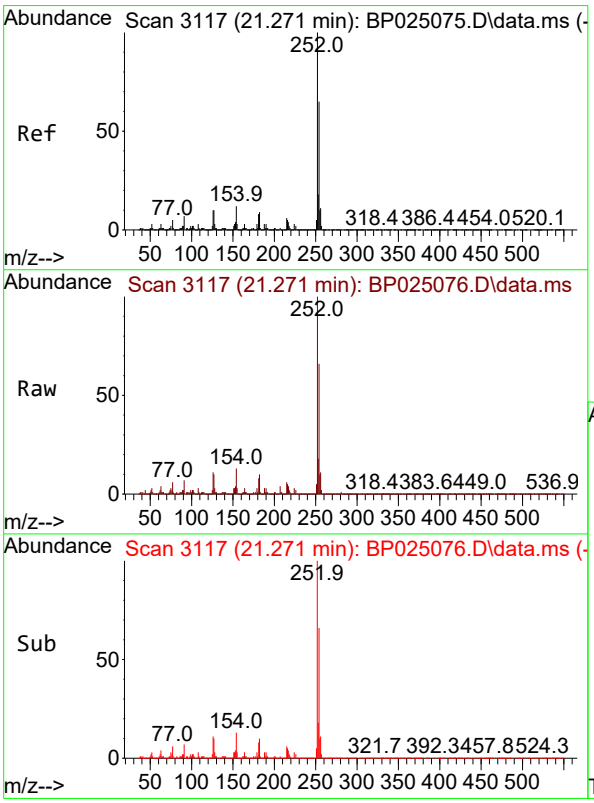
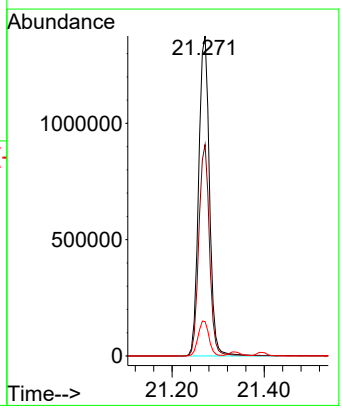
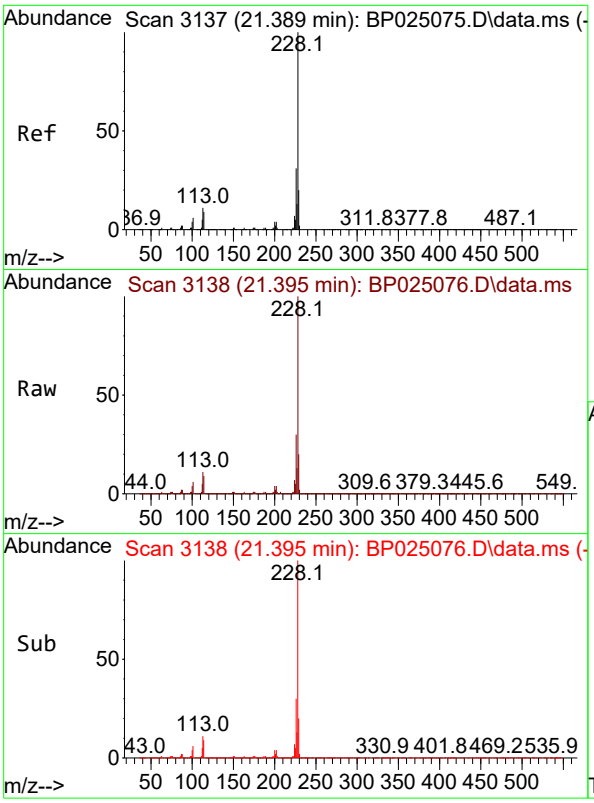


#82
3,3'-Dichlorobenzidine
Concen: 54.684 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 2241436

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.8	8.1	12.1

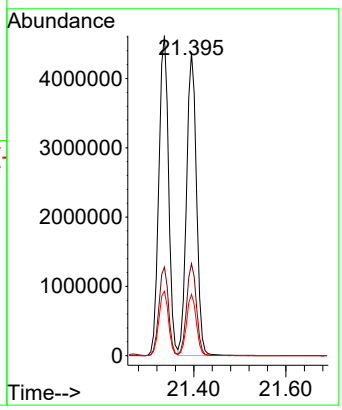




#83
Chrysene
Concen: 49.609 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:228 Resp: 650036

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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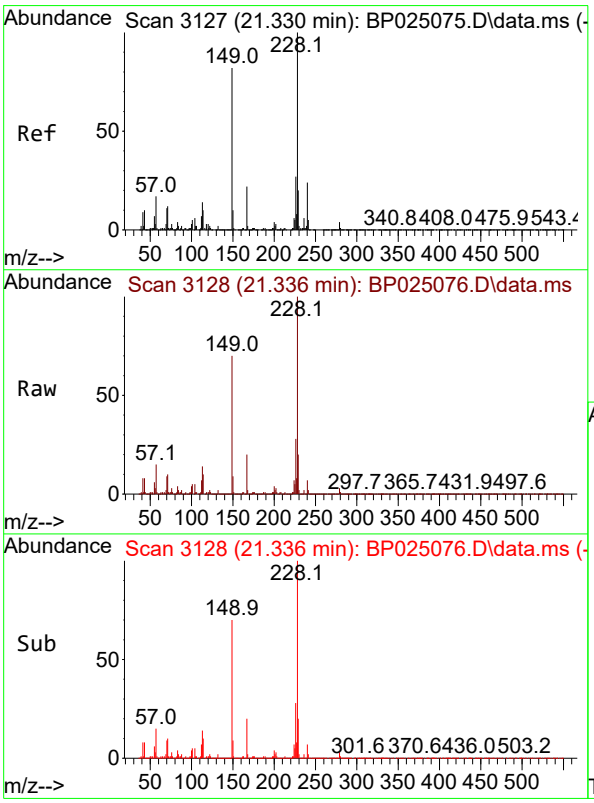
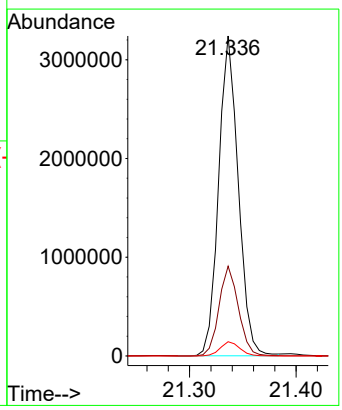
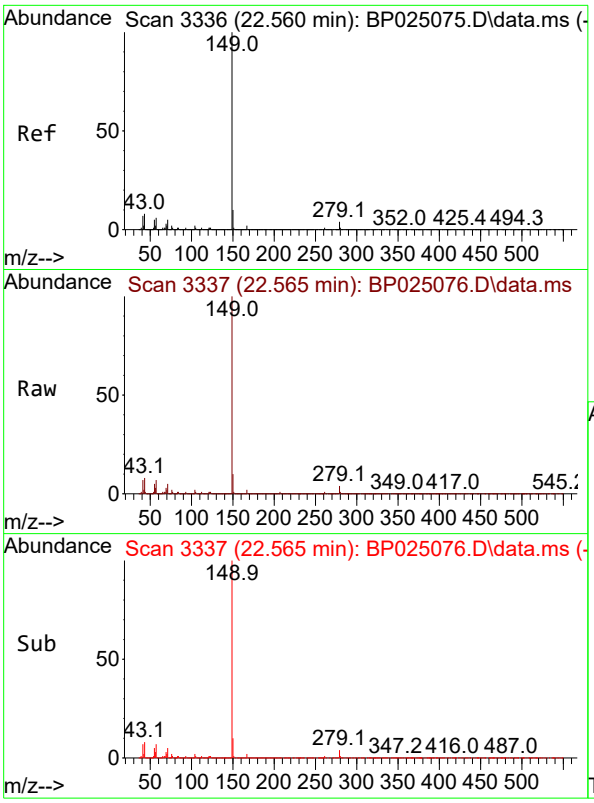


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.690 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 4140331

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.5	3.5	5.3

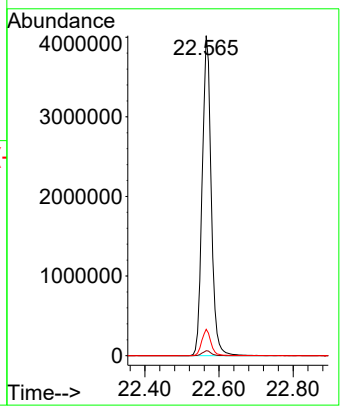




#85
Di-n-octyl phthalate
Concen: 50.271 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6776549

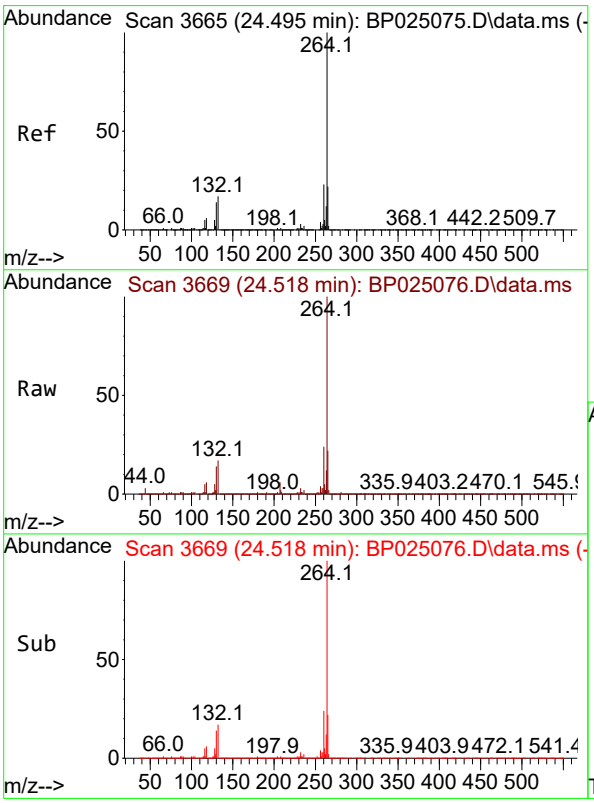
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

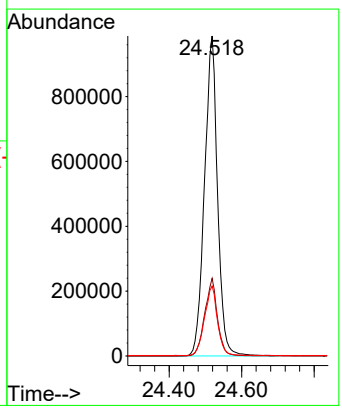
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

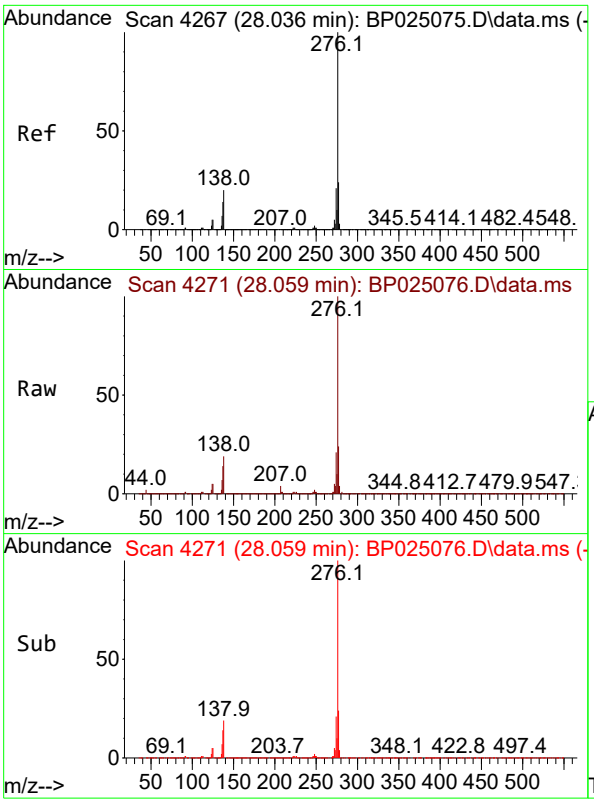


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:264 Resp: 2460402

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.7	26.5

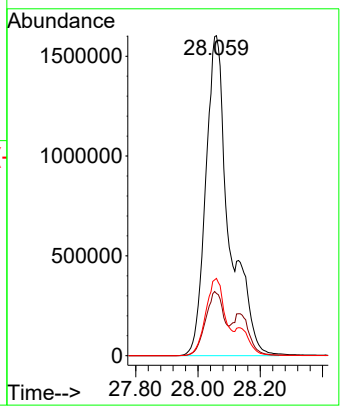




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.583 ng m
RT: 28.059 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 840064

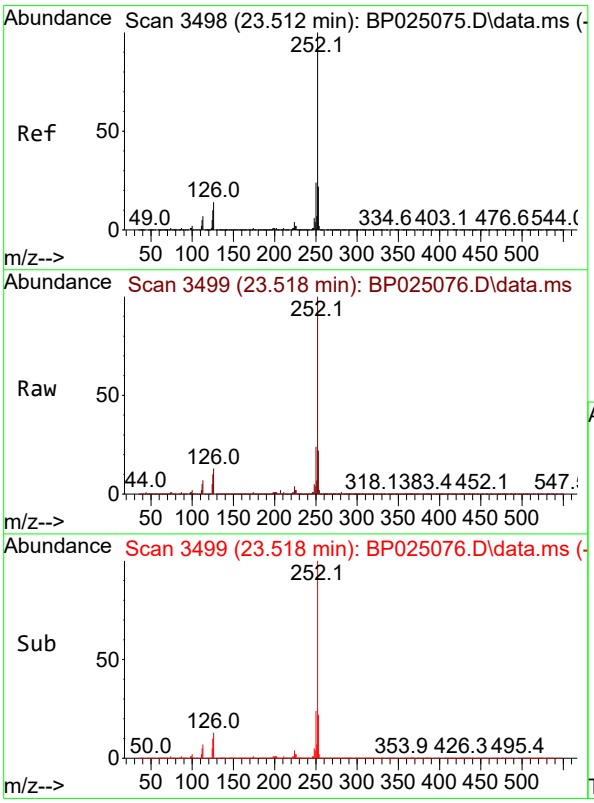
Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.3	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

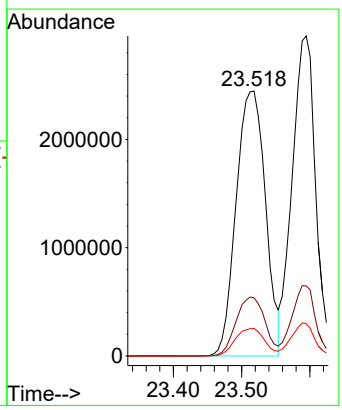
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

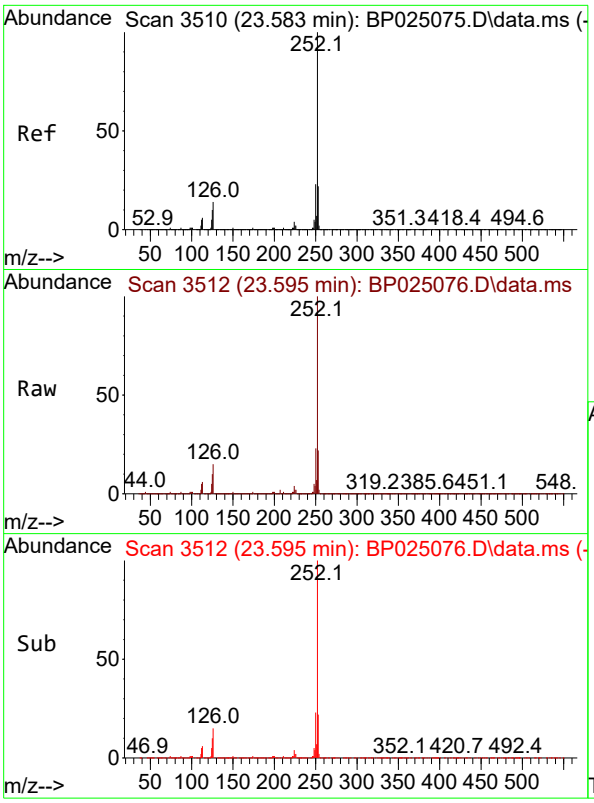


#88
Benzo(b)fluoranthene
Concen: 51.035 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 7308592

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.1	12.1

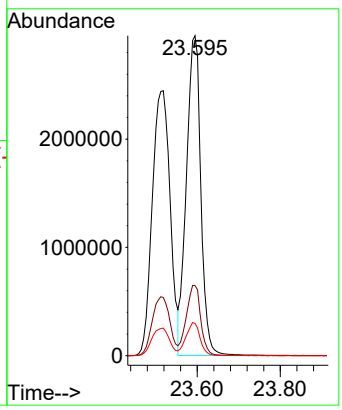




#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 711469

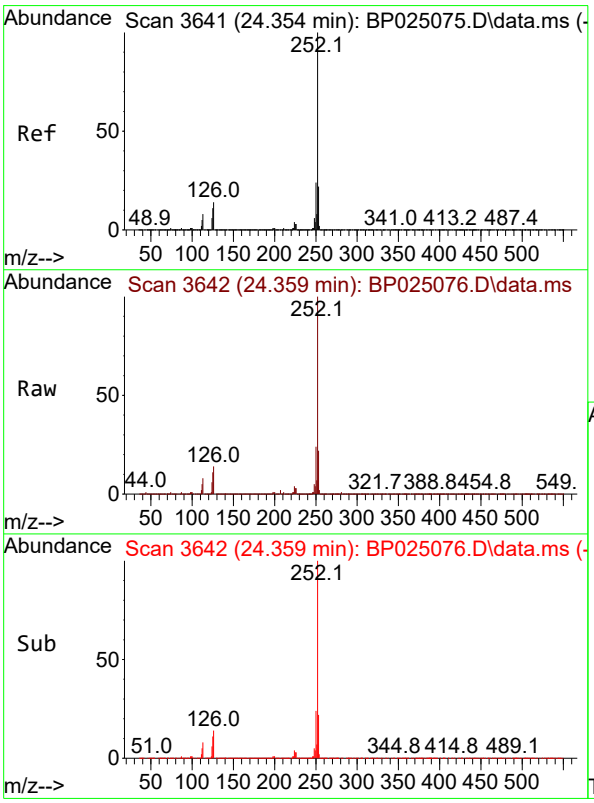
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.1	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

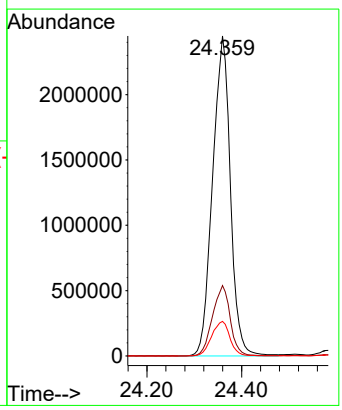
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

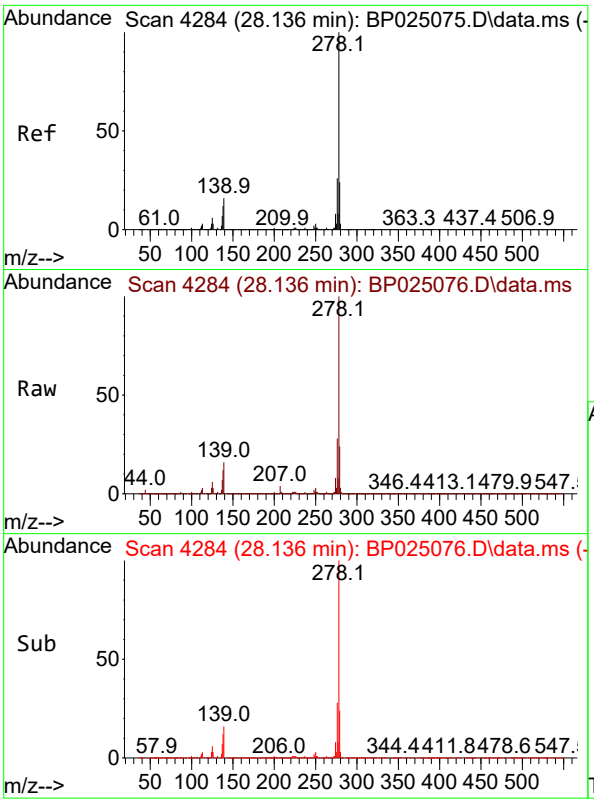


#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 6366556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	9.0	13.4

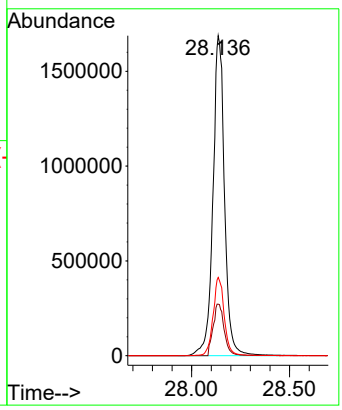




#91
Dibenzo(a,h)anthracene
Concen: 53.464 ng
RT: 28.136 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:278 Resp: 692698

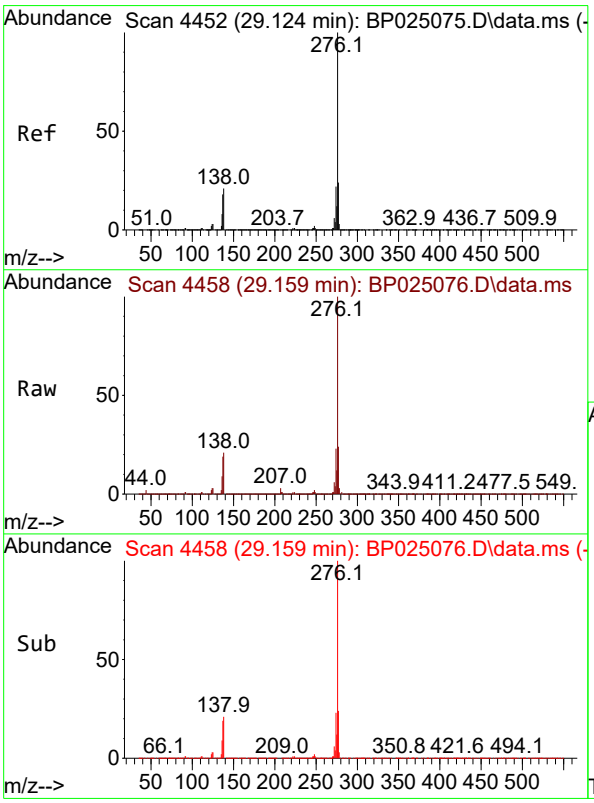
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.4	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

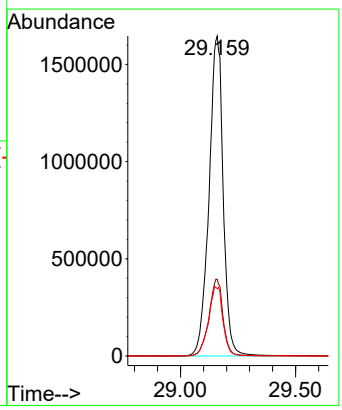
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 7023994

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	400654	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1612661	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1045830	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2142509	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2162992	20.000	ng	0.02
86) Perylene-d12	24.512	264	2316428	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2806806	124.128	ng	0.00
7) Phenol-d6	6.631	99	3710318	125.737	ng	0.00
23) Nitrobenzene-d5	8.572	82	3129724	129.067	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1671151	135.264	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8229134	121.896	ng	0.00
79) Terphenyl-d14	19.683	244	12149101	123.446	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	514997	58.570	ng	100
3) Pyridine	3.490	79	1488833m	61.892	ng	
4) n-Nitrosodimethylamine	3.408	42	627147	61.529	ng	96
6) Aniline	6.790	93	1716823	62.270	ng	100
8) 2-Chlorophenol	7.019	128	1555133	61.468	ng	99
9) Benzaldehyde	6.596	77	770087	49.971	ng	100
10) Phenol	6.660	94	1851536	61.753	ng	100
11) bis(2-Chloroethyl)ether	6.884	93	1408699	61.048	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1698963	60.002	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1711649	59.706	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1644605	59.636	ng	99
15) Benzyl Alcohol	7.678	79	1271626	64.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.978	45	1799327	59.970	ng	99
17) 2-Methylphenol	7.878	107	1227158	63.538	ng	99
18) Hexachloroethane	8.501	117	577842	61.873	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1096243	62.642	ng	99
20) 3+4-Methylphenols	8.201	107	1716929	63.466	ng	99
22) Acetophenone	8.249	105	2324403	60.946	ng	98
24) Nitrobenzene	8.613	77	1583678	64.118	ng	98
25) Isophorone	9.137	82	2889727	63.768	ng	98
26) 2-Nitrophenol	9.313	139	773866	63.426	ng	99
27) 2,4-Dimethylphenol	9.384	122	1082275	64.024	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1922438	62.478	ng	100
29) 2,4-Dichlorophenol	9.837	162	1554368	66.313	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1621972	62.486	ng	98
31) Naphthalene	10.231	128	5073090	61.093	ng	100
32) Benzoic acid	9.537	122	1088519	65.480	ng	95
33) 4-Chloroaniline	10.348	127	1986181	64.093	ng	99
34) Hexachlorobutadiene	10.537	225	926172	62.176	ng	99
35) Caprolactam	11.125	113	523393	65.271	ng	97
36) 4-Chloro-3-methylphenol	11.478	107	1604130	65.488	ng	99
37) 2-Methylnaphthalene	11.860	142	3613084	61.667	ng	99
38) 1-Methylnaphthalene	12.090	142	3560508	62.310	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1914890	63.709	ng	99
41) Hexachlorocyclopentadiene	12.231	237	537315	68.439	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	1250359	68.701	ng	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1383790	67.090	ng	99
46) 1,1'-Biphenyl	12.907	154	4675752	61.447	ng	100
47) 2-Chloronaphthalene	12.937	162	3517185	61.497	ng	98
48) 2-Nitroaniline	13.148	65	907242	63.792	ng	99
49) Acenaphthylene	13.807	152	5526428	63.134	ng	100
50) Dimethylphthalate	13.566	163	4648592	63.498	ng	100
51) 2,6-Dinitrotoluene	13.660	165	982034	68.780	ng	99
52) Acenaphthene	14.160	154	3486609	61.801	ng	99
53) 3-Nitroaniline	13.995	138	1081057	70.651	ng	97
54) 2,4-Dinitrophenol	14.207	184	430100	62.873	ng	94
55) Dibenzofuran	14.501	168	5689473	61.105	ng	99
56) 4-Nitrophenol	14.319	139	944200	66.867	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1348673	63.463	ng	98
58) Fluorene	15.160	166	4402726	61.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1246432	66.732	ng	99
60) Diethylphthalate	14.972	149	4634770	63.033	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	2194839	61.583	ng	99
62) 4-Nitroaniline	15.183	138	1111684	69.287	ng	99
63) Azobenzene	15.472	77	3969523	60.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	625497	62.277	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3803576	62.033	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1375012	62.680	ng	96
68) Hexachlorobenzene	16.201	284	1649772	61.529	ng	97
69) Atrazine	16.389	200	1107895	61.661	ng	99
70) Pentachlorophenol	16.548	266	1197597	66.135	ng	99
71) Phenanthrene	16.948	178	6952893	60.733	ng	100
72) Anthracene	17.048	178	6826544	62.154	ng	100
73) Carbazole	17.325	167	6534571	60.850	ng	100
74) Di-n-butylphthalate	17.966	149	7890575	65.983	ng	99
75) Fluoranthene	19.054	202	8151085	60.911	ng	98
77) Benzidine	19.260	184	1867570	48.887	ng	100
78) Pyrene	19.436	202	8447118	63.052	ng	99
80) Butylbenzylphthalate	20.436	149	3368485	63.936	ng	99
81) Benzo(a)anthracene	21.342	228	8160252	62.254	ng	99
82) 3,3'-Dichlorobenzidine	21.271	252	2685016	68.044	ng	100
83) Chrysene	21.401	228	7729618	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	4960480	70.551	ng	98
85) Di-n-octyl phthalate	22.565	149	8384283	62.869	ng	99
87) Indeno(1,2,3-cd)pyrene	28.071	276	9961748m	67.489	ng	
88) Benzo(b)fluoranthene	23.518	252	8800482	65.272	ng	100
89) Benzo(k)fluoranthene	23.583	252	8461854	63.076	ng	99
90) Benzo(a)pyrene	24.359	252	7703067	67.128	ng	100
91) Dibenzo(a,h)anthracene	28.153	278	8144621	66.770	ng	99
92) Benzo(g,h,i)perylene	29.159	276	8319243	66.020	ng	100

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

ICAL Form

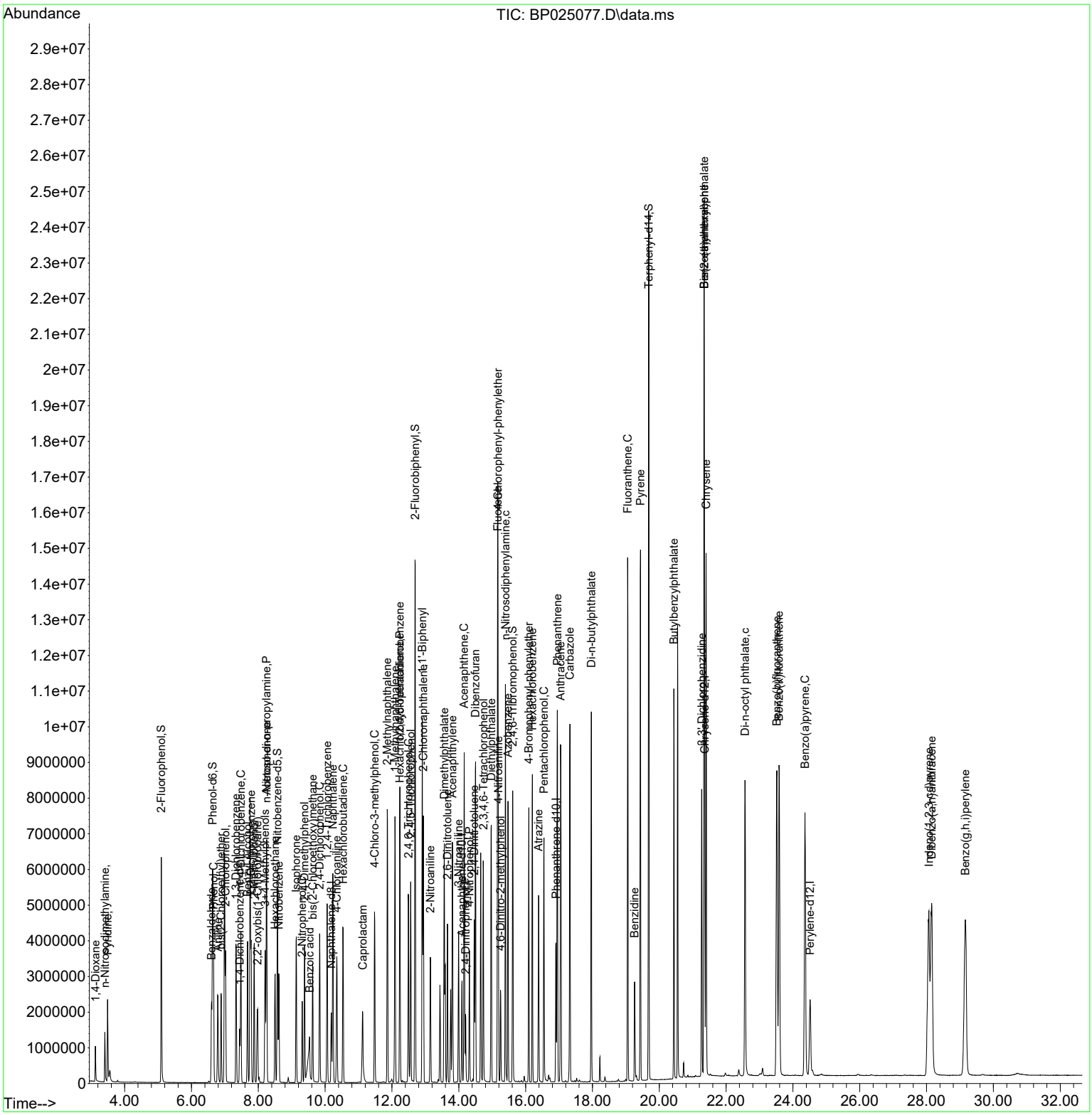
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

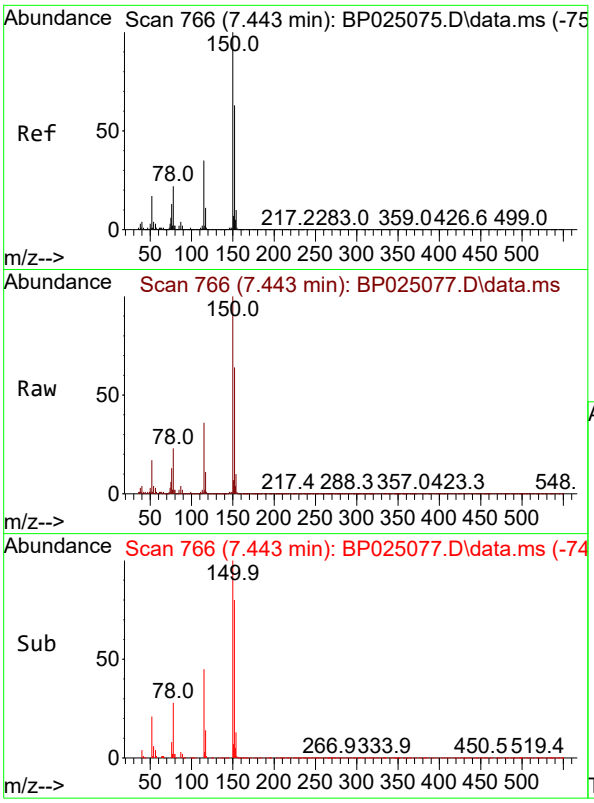
Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

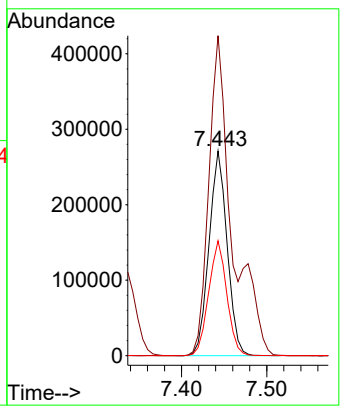




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:152 Resp: 40065

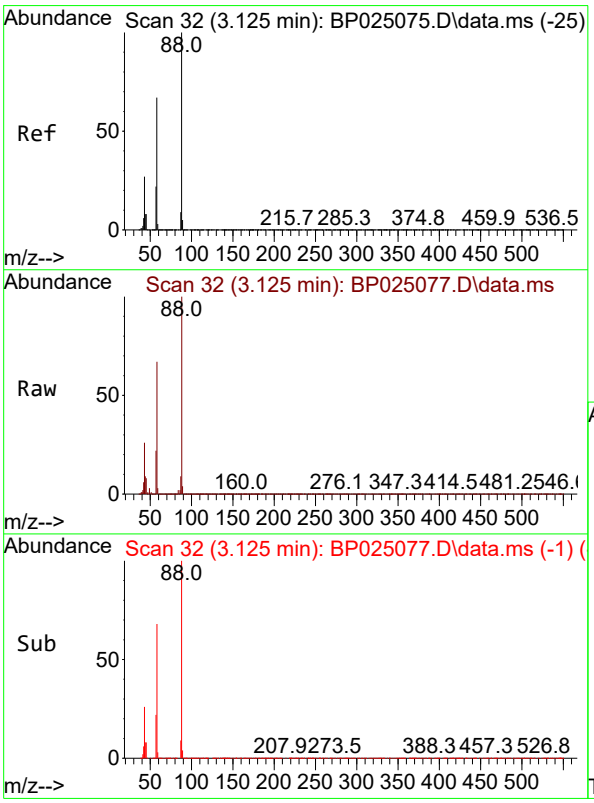
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	56.1	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

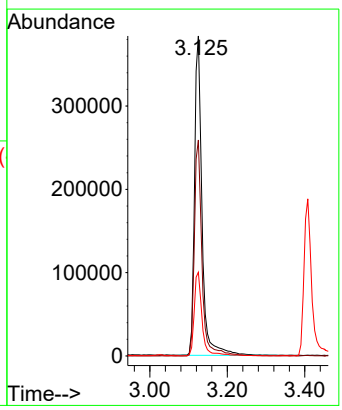
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

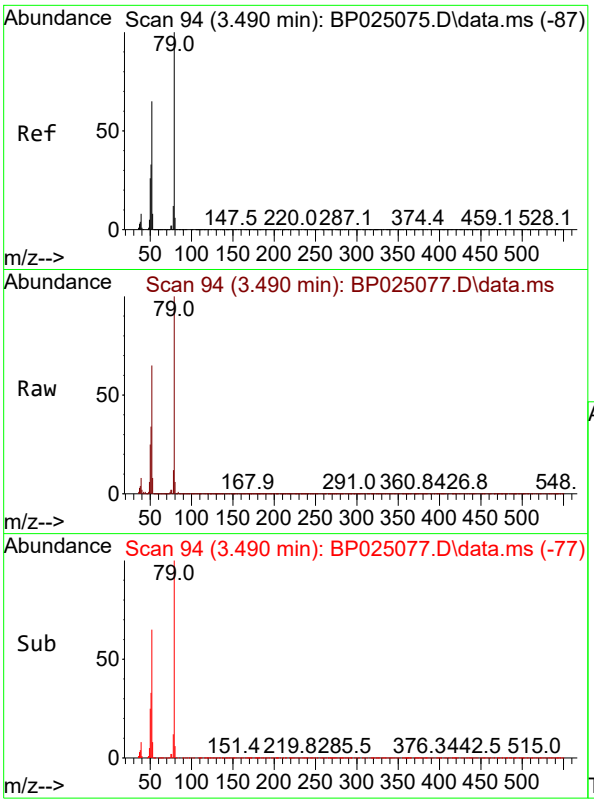


#2
1,4-Dioxane
Concen: 58.570 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 88 Resp: 514997

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9

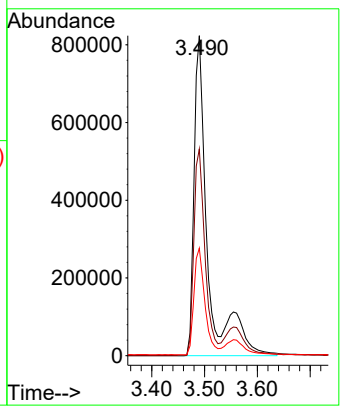




#3
Pyridine
Concen: 61.892 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 79 Resp: 148883

Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.2	78.4
51	33.6	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
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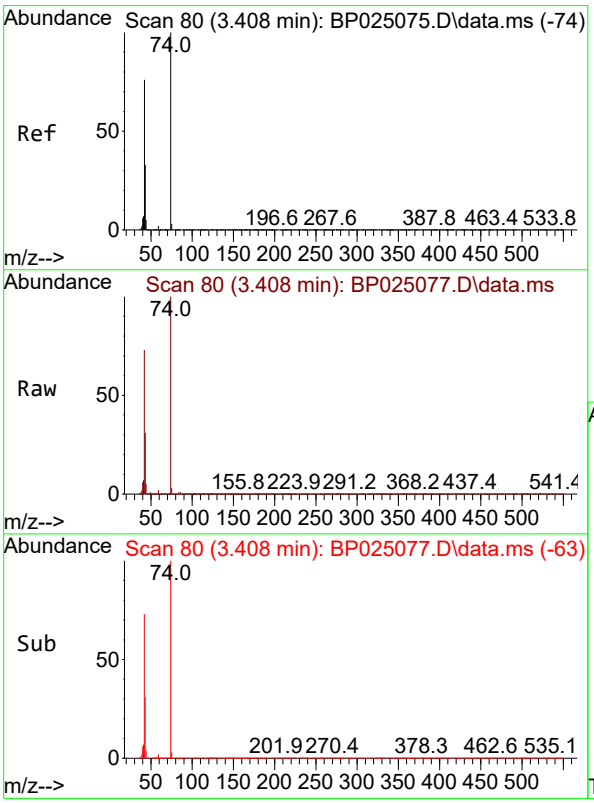
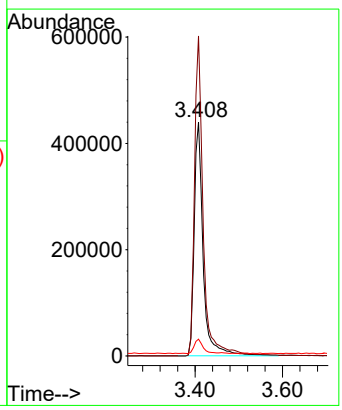
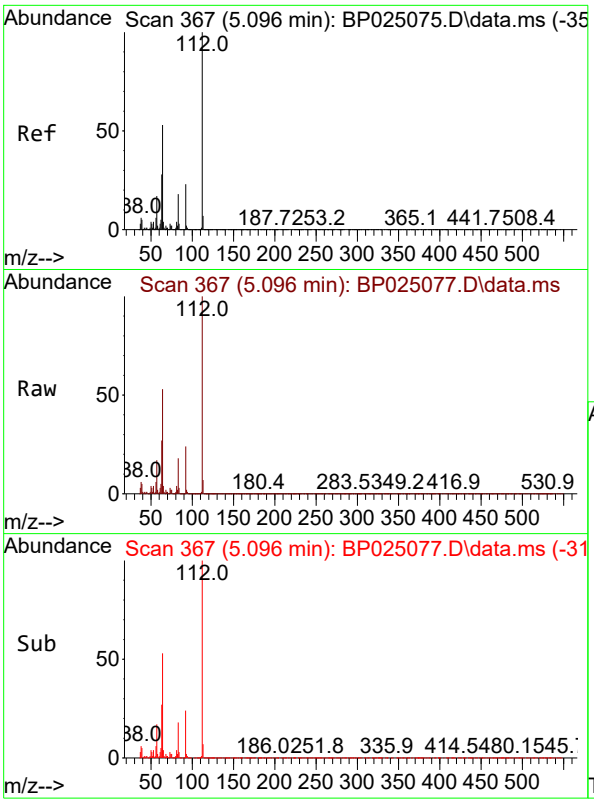


#4
n-Nitrosodimethylamine
Concen: 61.529 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 42 Resp: 627147

Ion	Ratio	Lower	Upper
42	100		
74	136.8	105.2	157.8
44	7.2	6.6	9.8





#5
2-Fluorophenol
Concen: 124.128 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:112 Resp: 280680

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.0	63.0
63	27.4	22.2	33.2

Instrument :
BNA_P
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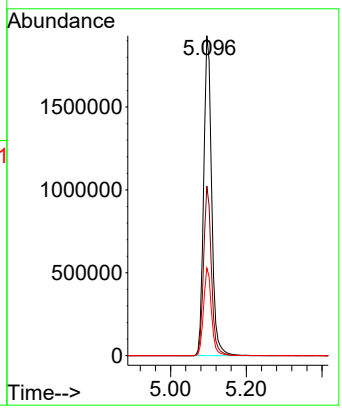
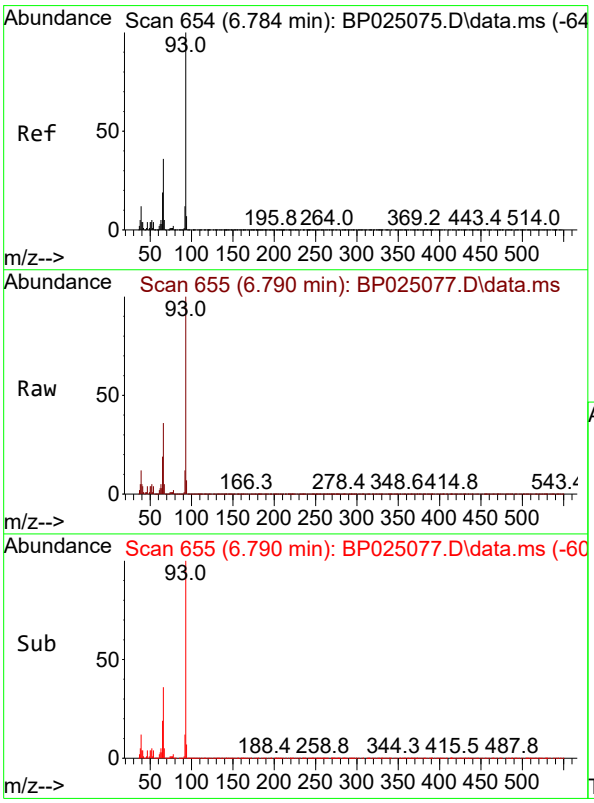
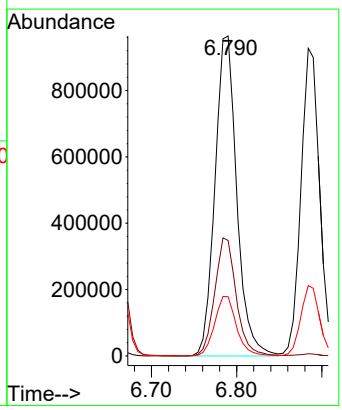


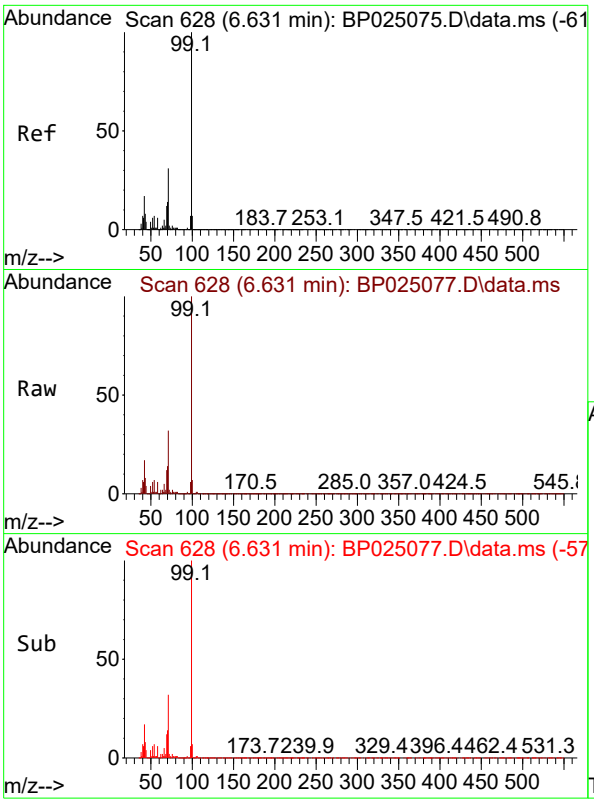


#6
Aniline
Concen: 62.270 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1716823

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	18.5	15.2	22.8

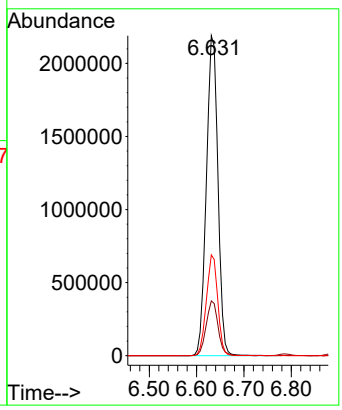




#7
Phenol-d6
Concen: 125.737 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 99 Resp: 371031

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	31.5	24.4	36.6



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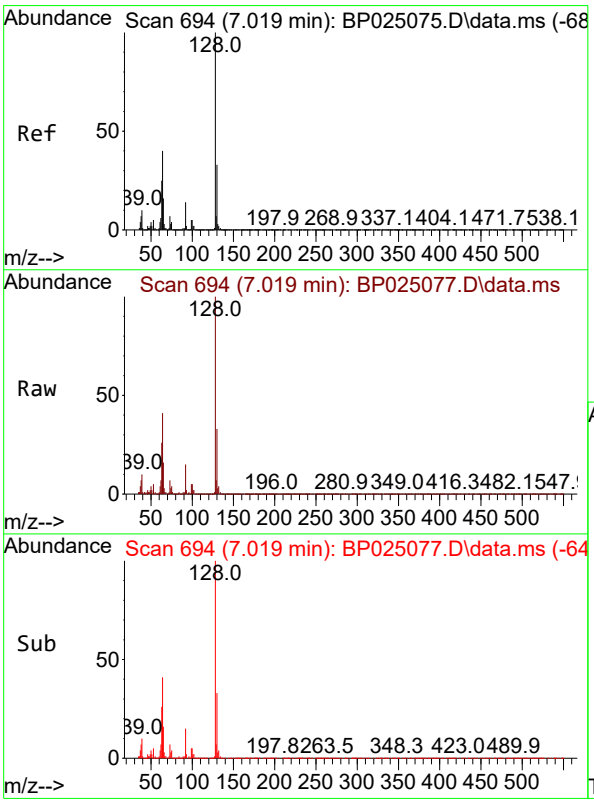
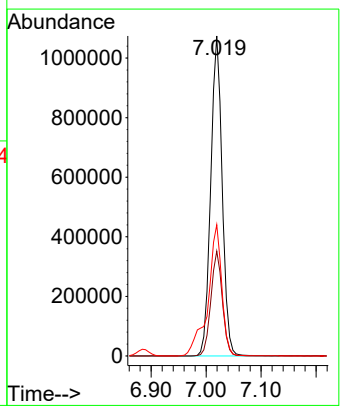
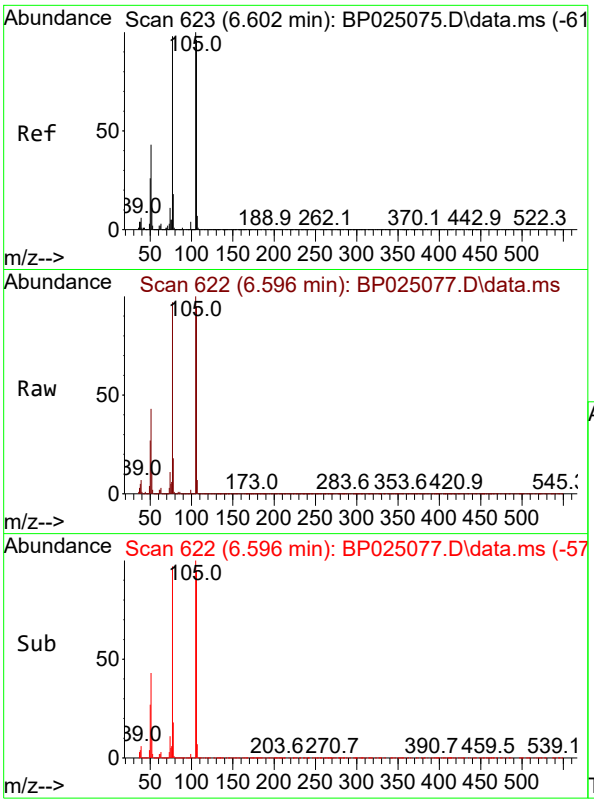


#8
2-Chlorophenol
Concen: 61.468 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 1555133

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	41.0	20.3	60.3

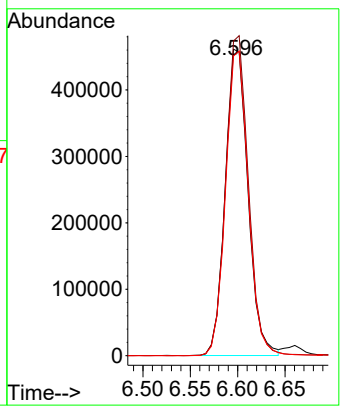




#9
Benzaldehyde
Concen: 49.971 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 77008

Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.4	122.4
106	97.8	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
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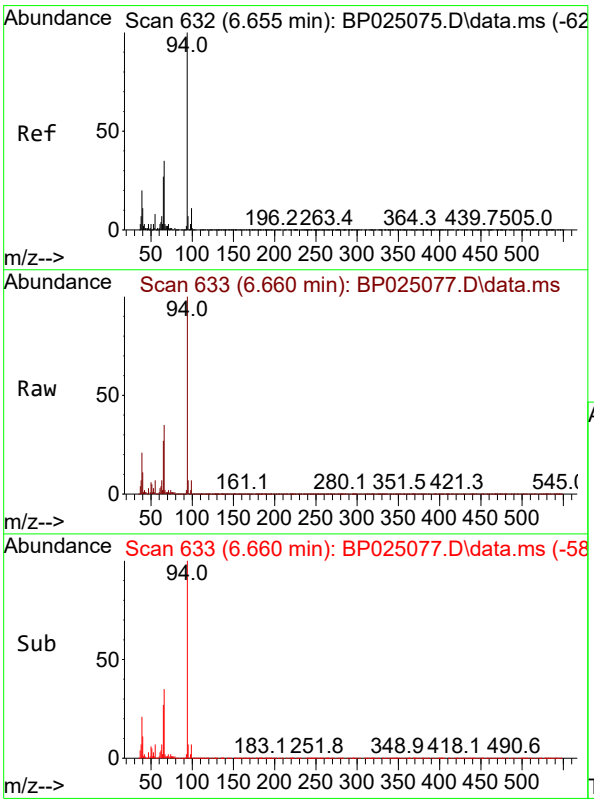
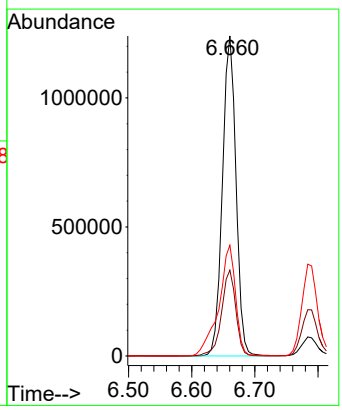
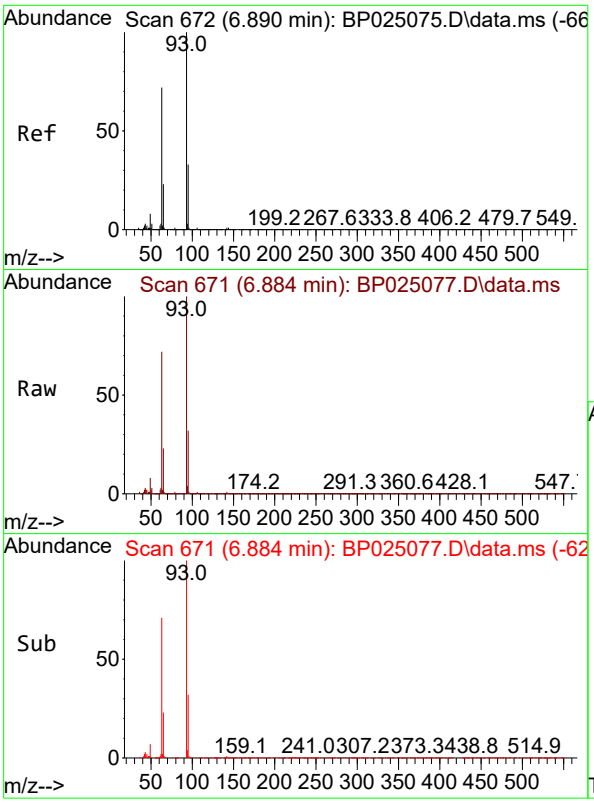


#10
Phenol
Concen: 61.753 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 94 Resp: 1851536

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	34.6	14.6	54.6

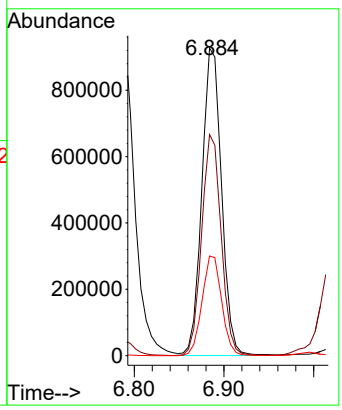




#11
bis(2-Chloroethyl)ether
Concen: 61.048 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 140869

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
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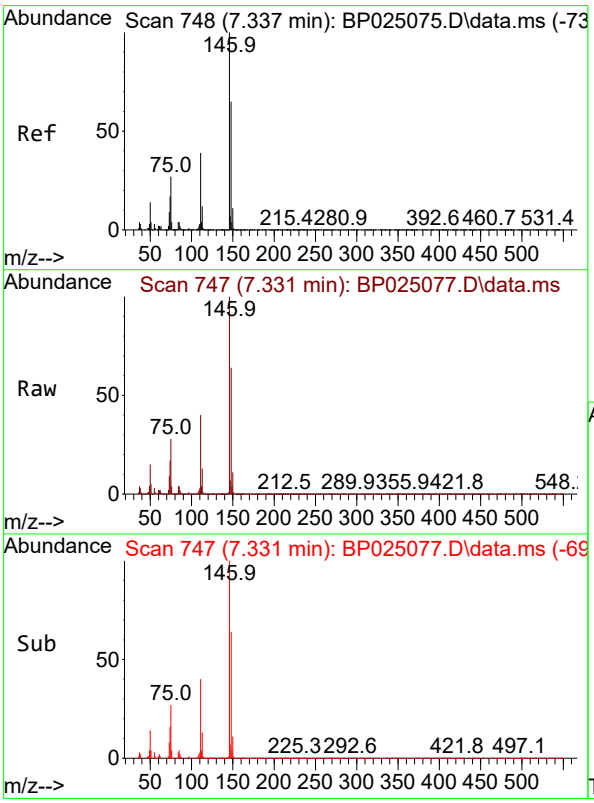
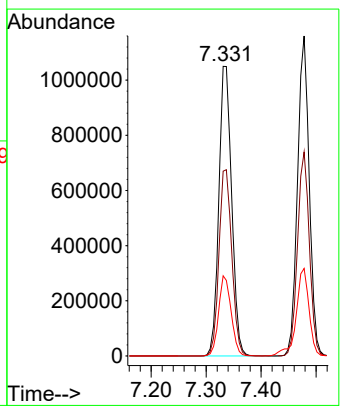
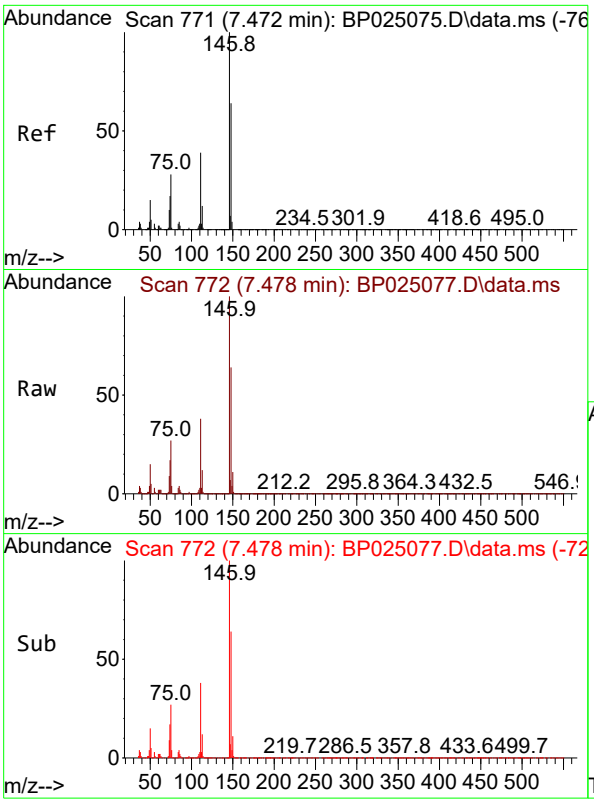


#12
1,3-Dichlorobenzene
Concen: 60.002 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1698963

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.7	21.8	32.6

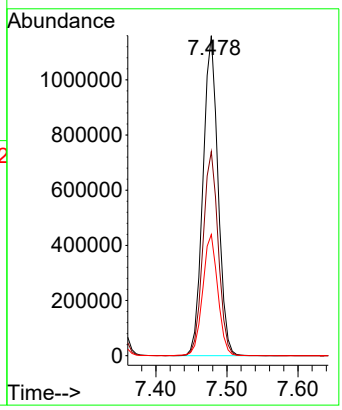




#13
1,4-Dichlorobenzene
Concen: 59.706 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 171164

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.8	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
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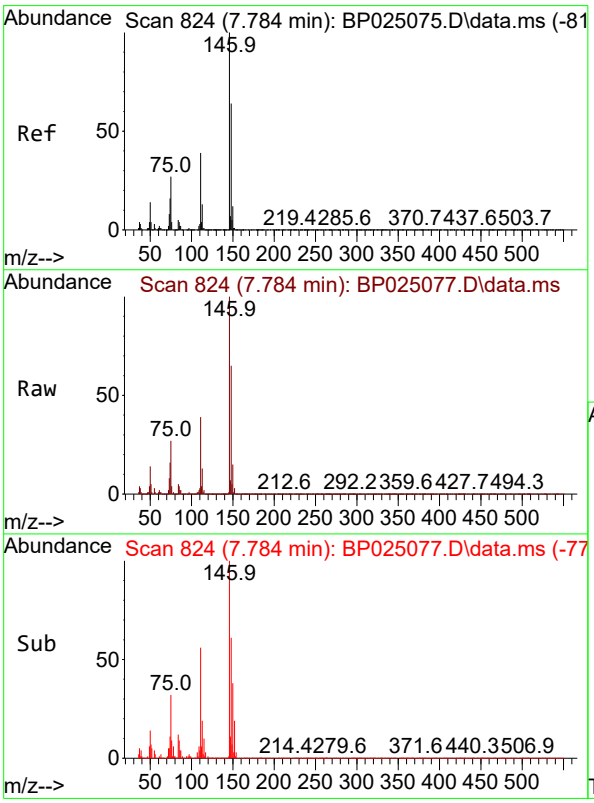
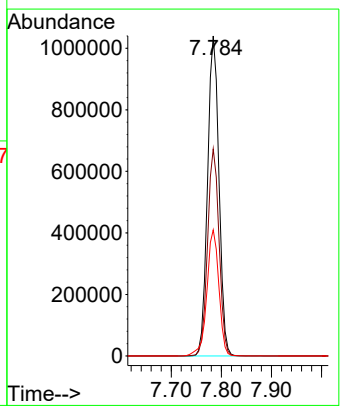
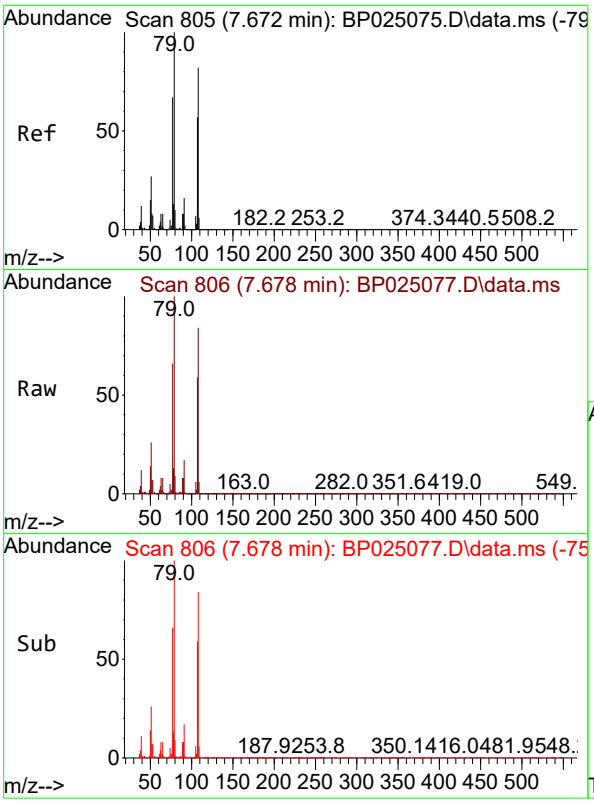


#14
1,2-Dichlorobenzene
Concen: 59.636 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1644605

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.4	31.2	46.8

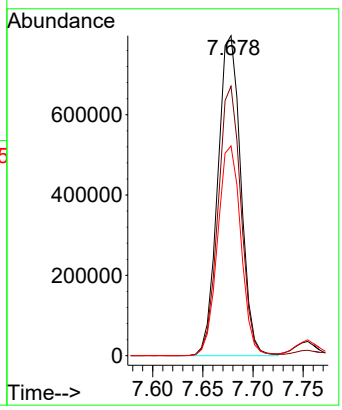




#15
Benzyl Alcohol
Concen: 64.566 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 79 Resp: 127162

Ion	Ratio	Lower	Upper
79	100		
108	84.2	66.0	99.0
77	65.6	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
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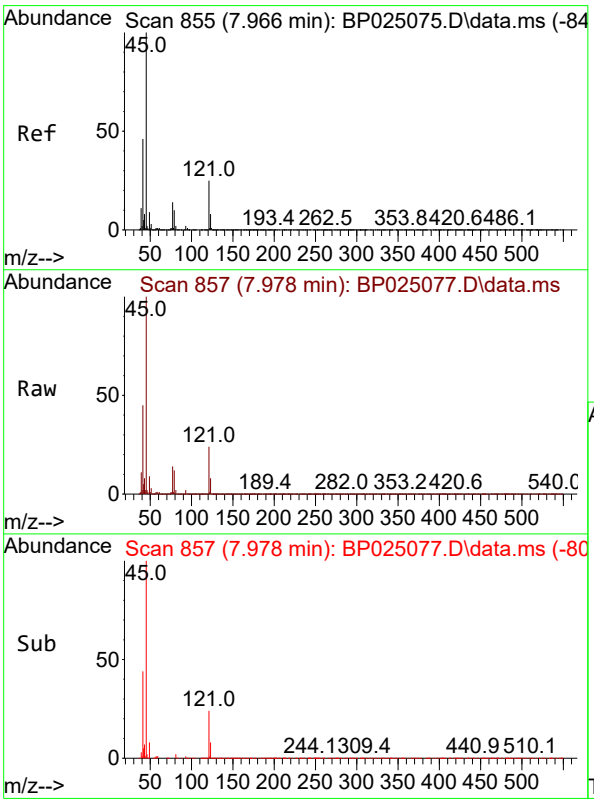
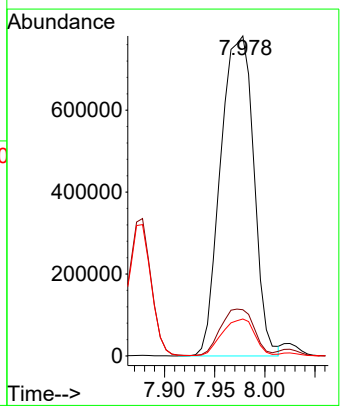
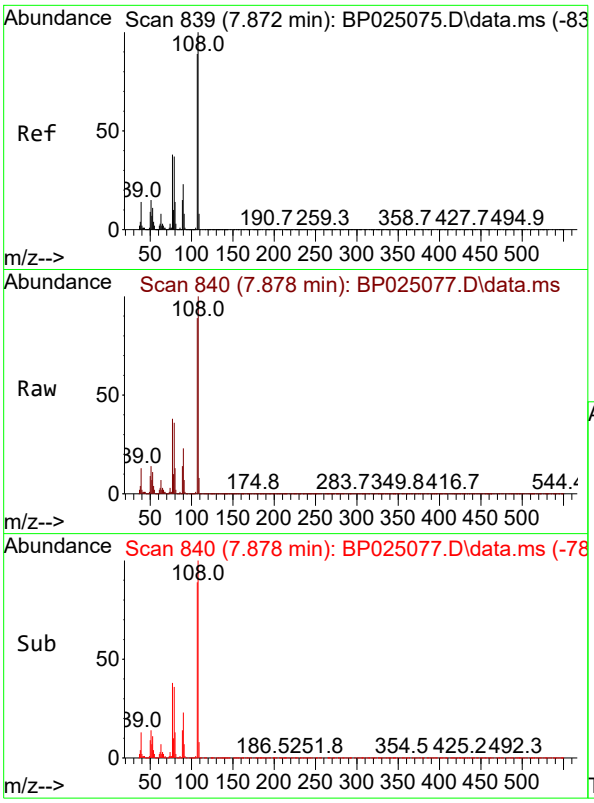


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.970 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 45 Resp: 1799327

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.6	0.0	30.7

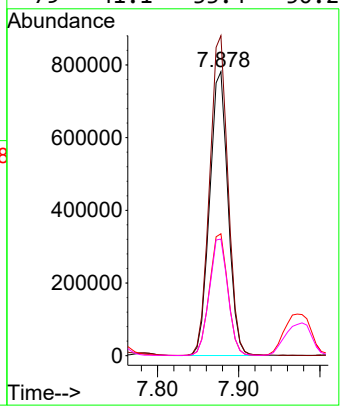




#17
2-Methylphenol
Concen: 63.538 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 122715

Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.7	134.5
77	42.9	34.2	51.4
79	41.1	33.4	50.2



Instrument :
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ClientSampleId :
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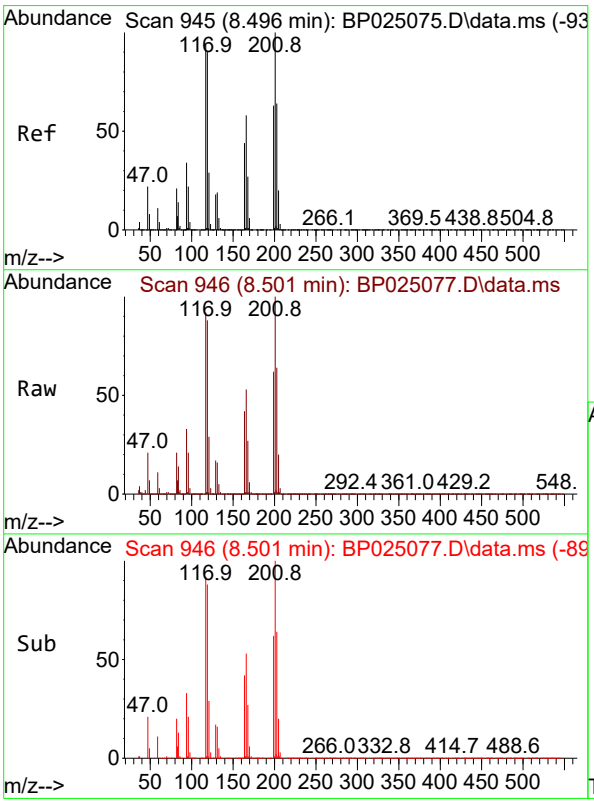
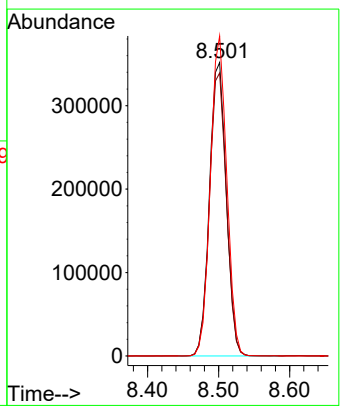
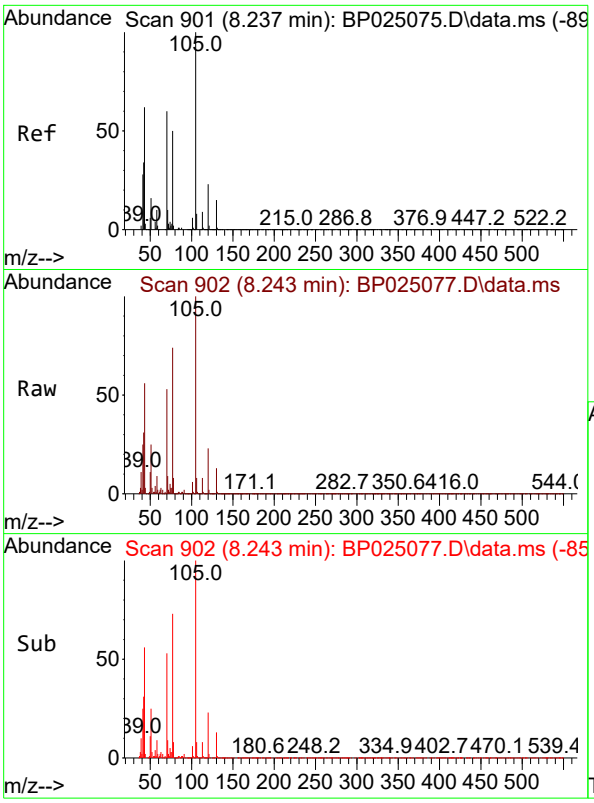


#18
Hexachloroethane
Concen: 61.873 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:117 Resp: 577842

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
201	109.0	85.4	128.2

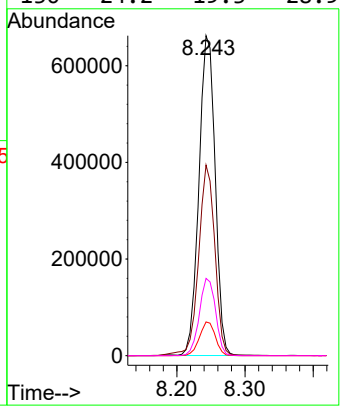




#19
n-Nitroso-di-n-propylamine
Concen: 62.642 ng
RT: 8.243 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 70 Resp: 109624

Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.5	69.7
101	10.6	7.9	11.9
130	24.2	19.3	28.9



Instrument :
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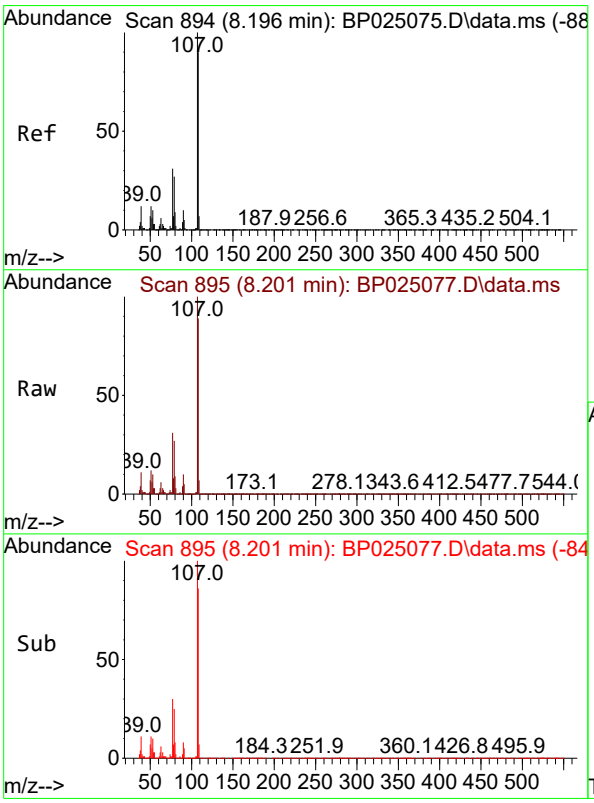
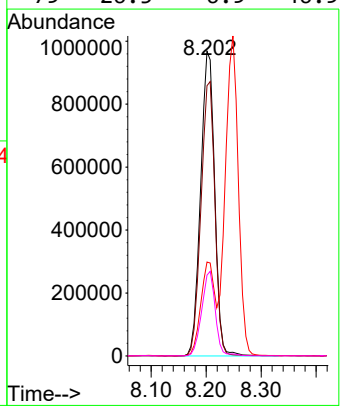
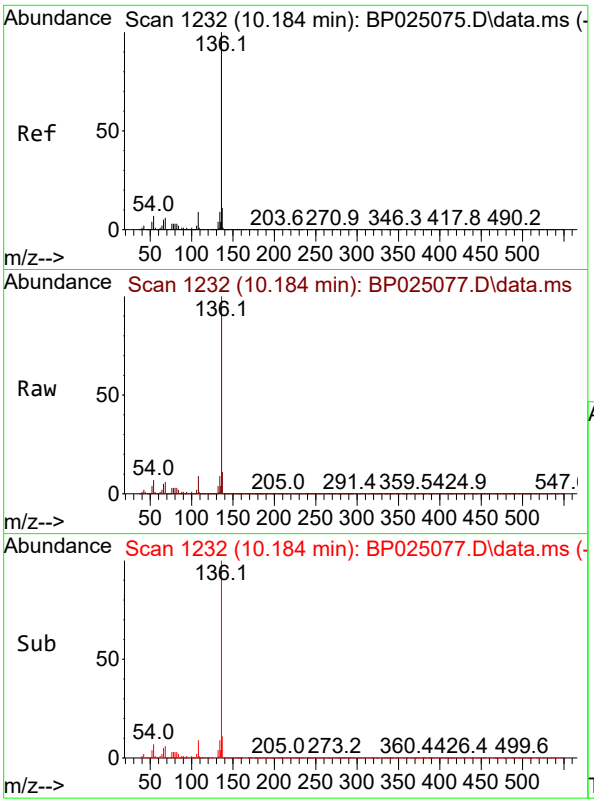


#20
3+4-Methylphenols
Concen: 63.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1716929

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.5	109.5
77	30.9	11.4	51.4
79	26.5	6.9	46.9

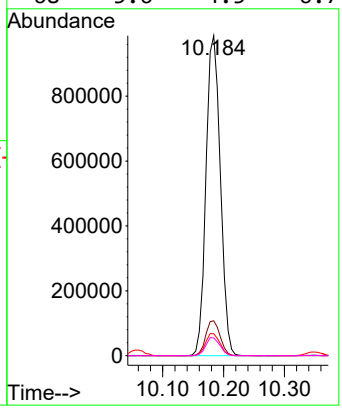




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:136 Resp: 161266

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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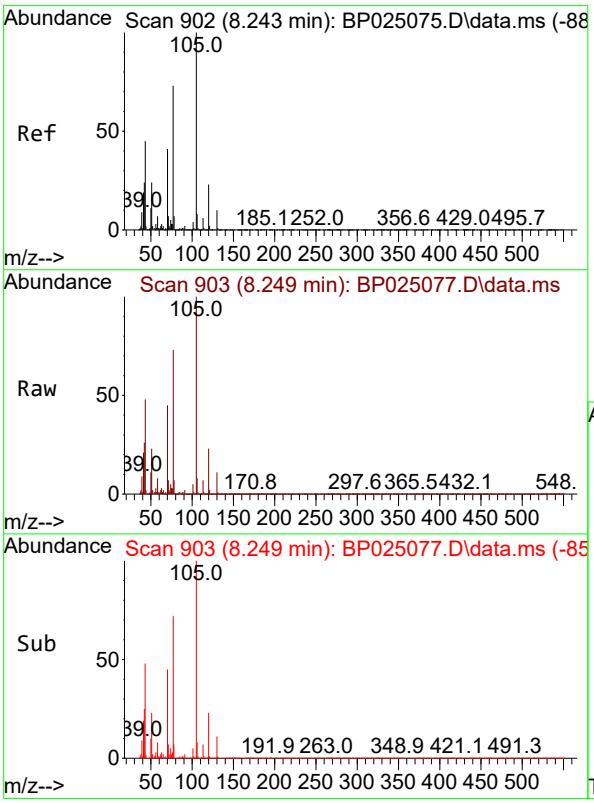
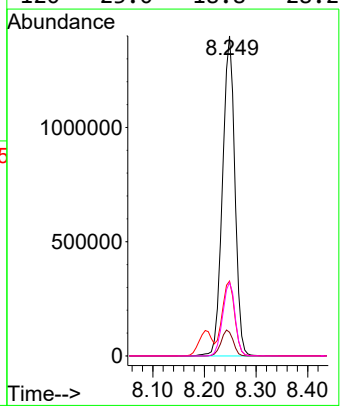
Supervised By :Jagrut Upadhyay 07/07/2025

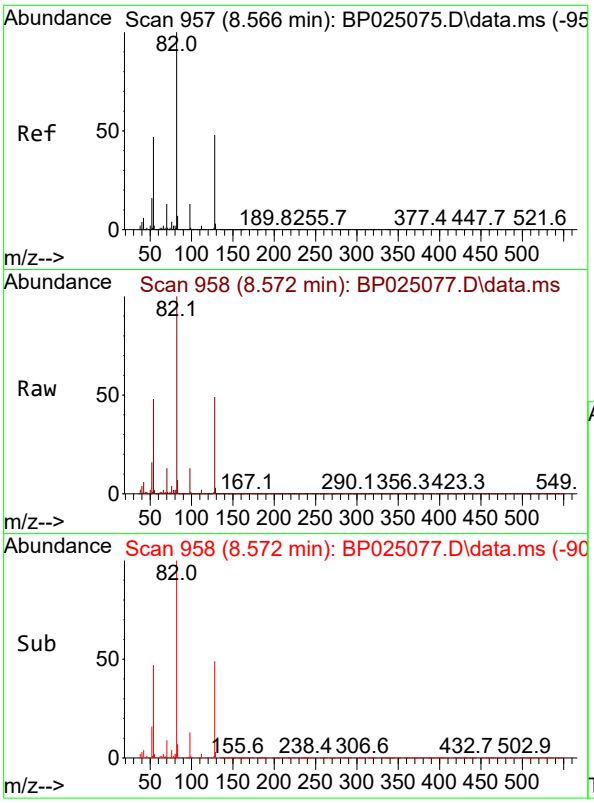


#22
Acetophenone
Concen: 60.946 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:105 Resp: 2324403

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.4	19.6	29.4
120	23.0	18.8	28.2

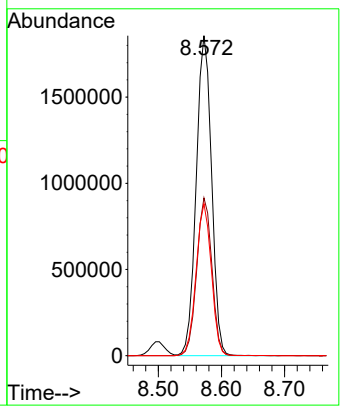




#23
Nitrobenzene-d5
Concen: 129.067 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 82 Resp: 312972

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	47.5	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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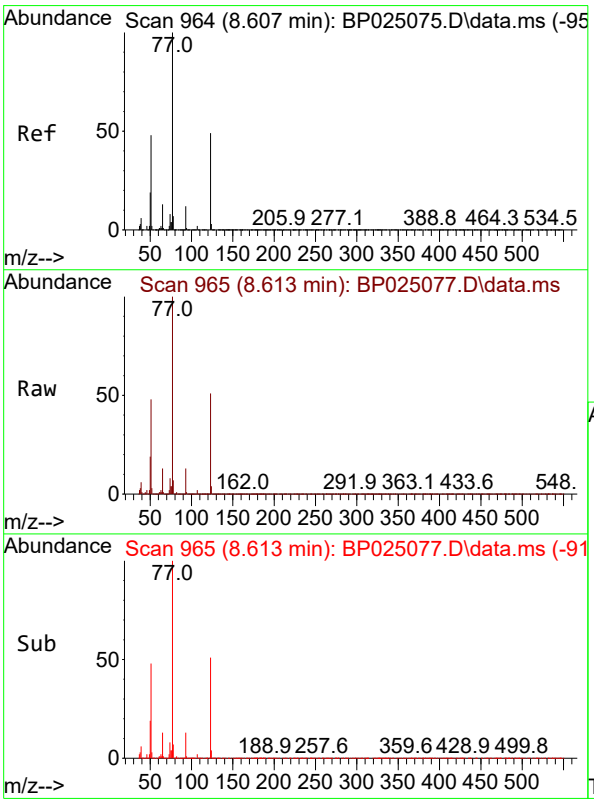
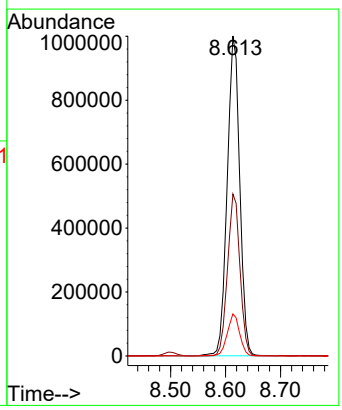
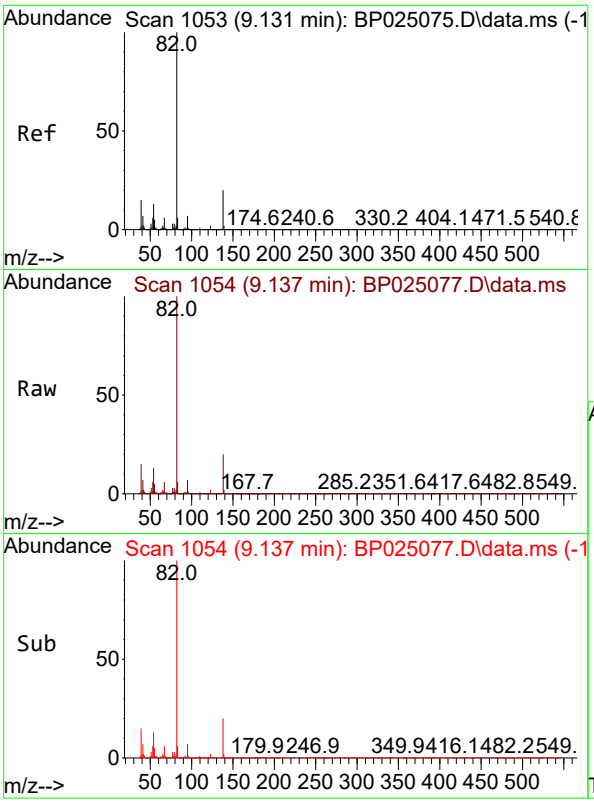


#24
Nitrobenzene
Concen: 64.118 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 1583678

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.0	58.6
65	13.2	10.7	16.1

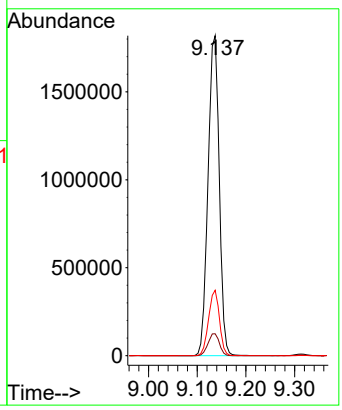




#25
Isophorone
Concen: 63.768 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 82 Resp: 288972

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	20.4	15.7	23.5



Instrument :
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ClientSampleId :
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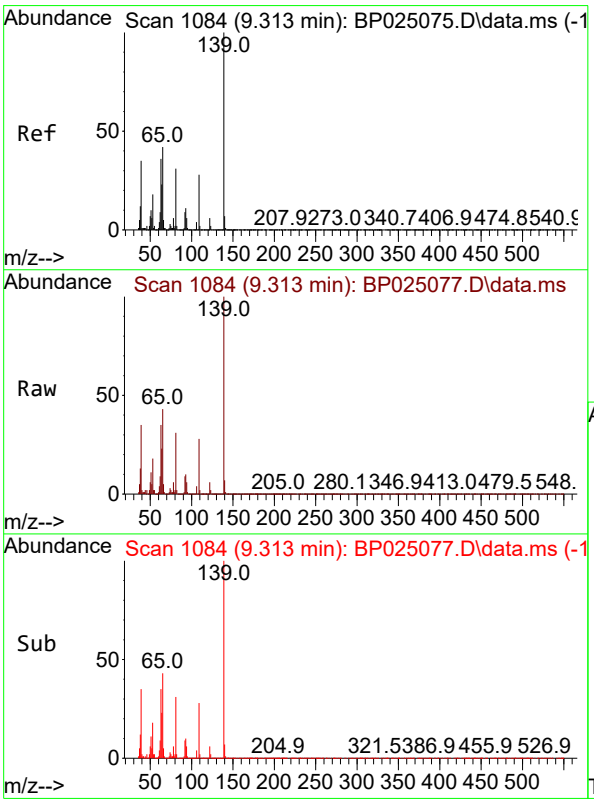
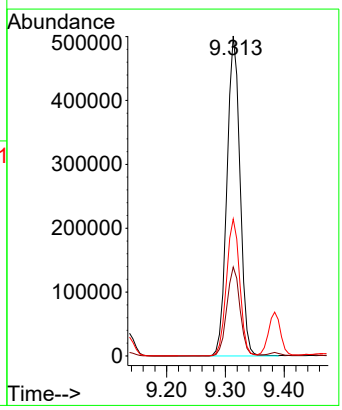
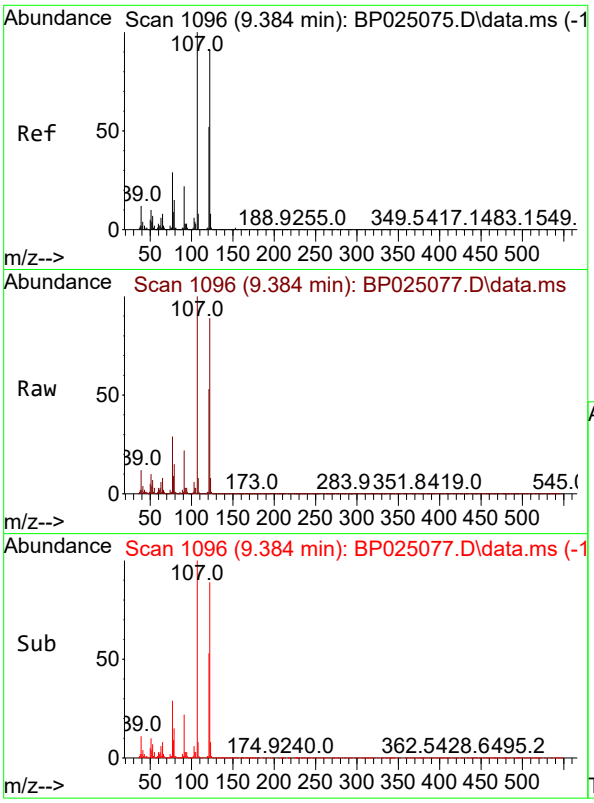


#26
2-Nitrophenol
Concen: 63.426 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 773866

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.3	33.5
65	42.8	33.8	50.8





#27
2,4-Dimethylphenol
Concen: 64.024 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 108227

Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.2	132.2
121	59.0	46.1	69.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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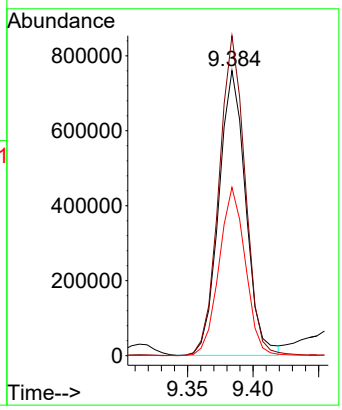
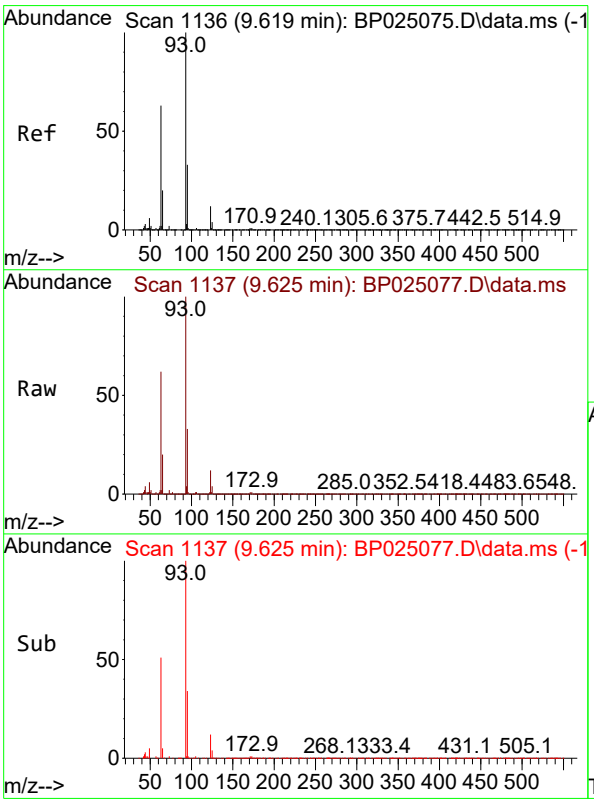
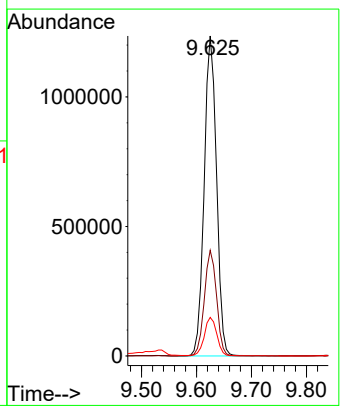


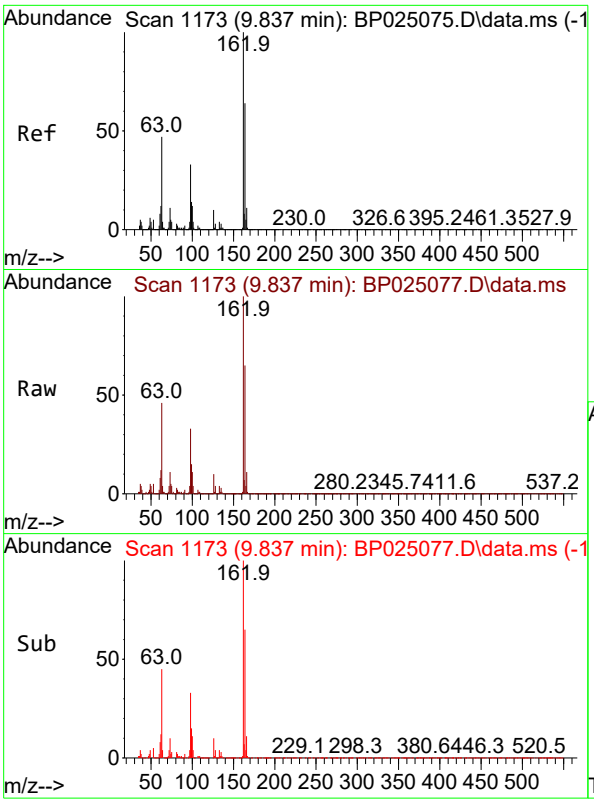


#28
bis(2-Chloroethoxy)methane
Concen: 62.478 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1922438

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.1	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 66.313 ng
RT: 9.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:162 Resp: 155436

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.7	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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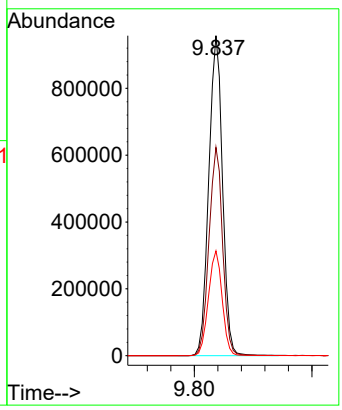
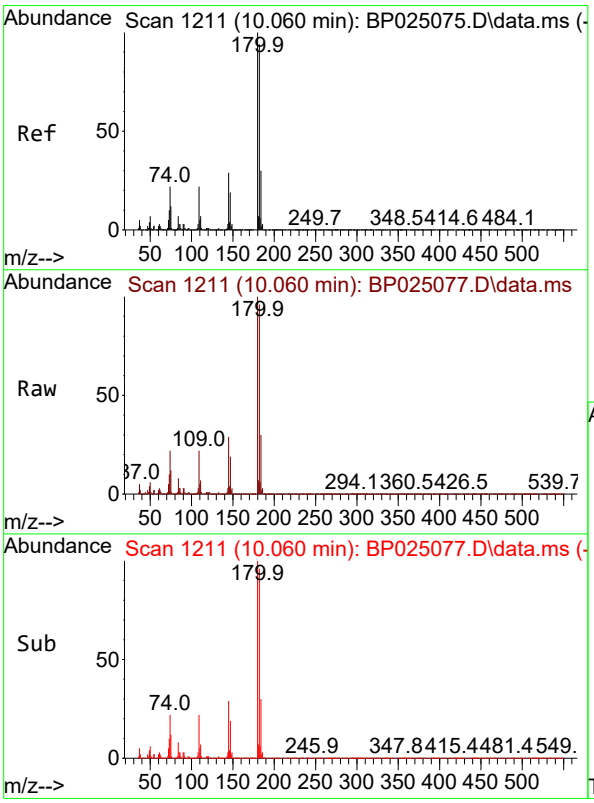
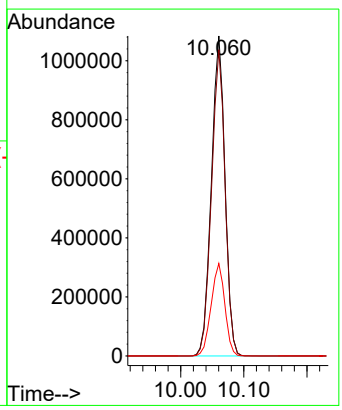


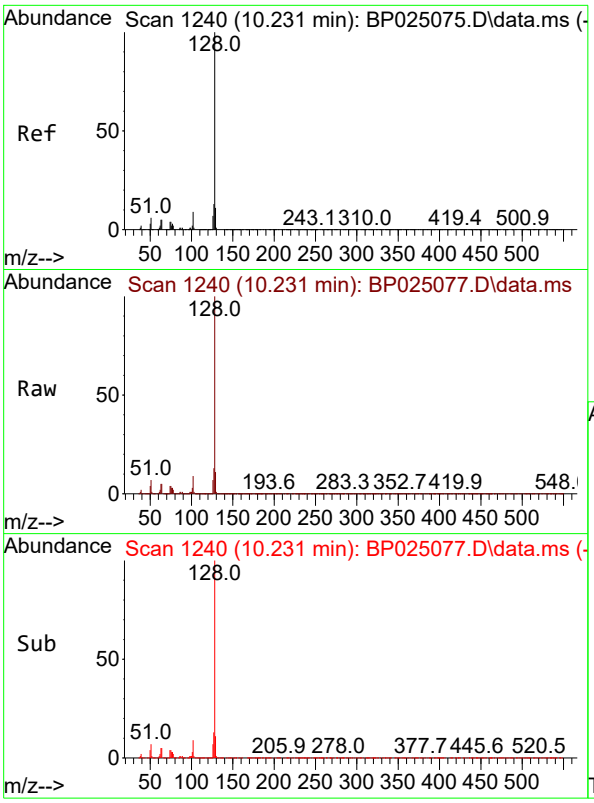


#30
1,2,4-Trichlorobenzene
Concen: 62.486 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:180 Resp: 1621972

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	28.9	23.3	34.9





#31
Naphthalene
Concen: 61.093 ng
RT: 10.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 507309

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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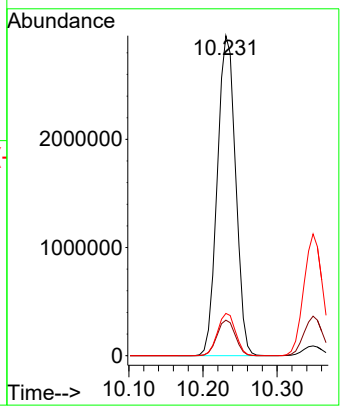
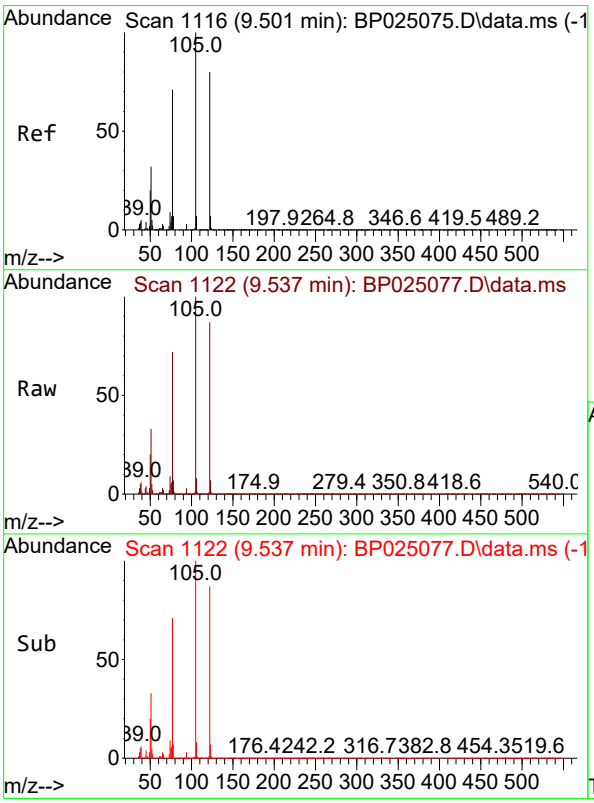
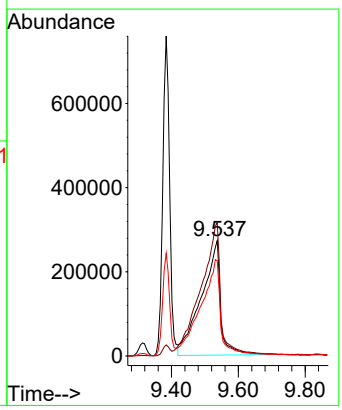


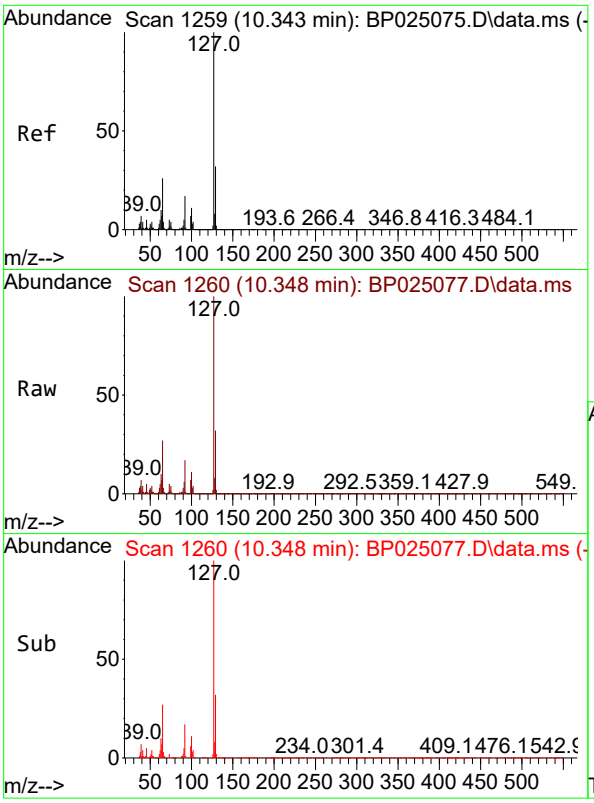


#32
Benzoic acid
Concen: 65.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 1088519

Ion	Ratio	Lower	Upper
122	100		
105	115.5	101.0	141.0
77	82.7	67.6	107.6

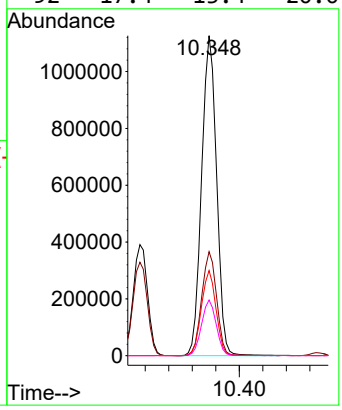




#33
4-Chloroaniline
Concen: 64.093 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:127 Resp: 198618

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.6	21.0	31.6
92	17.4	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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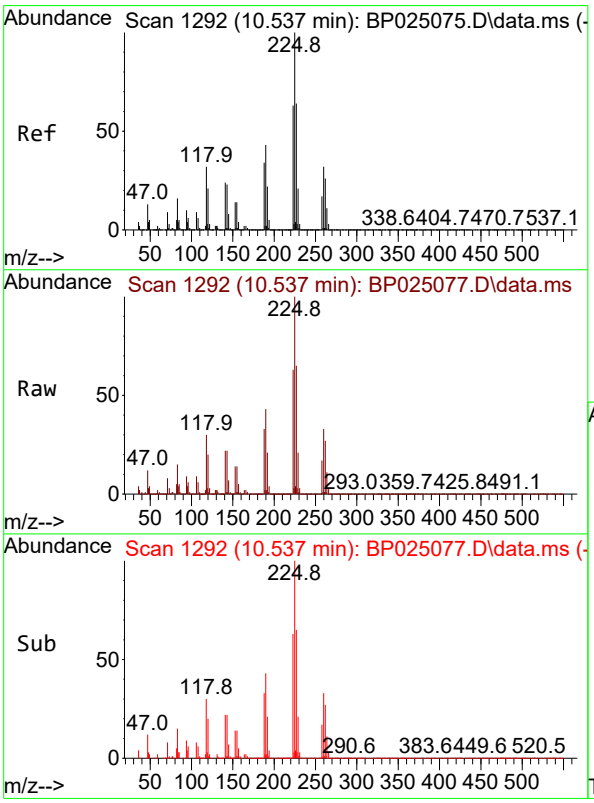
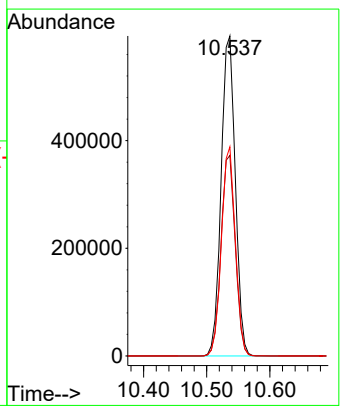
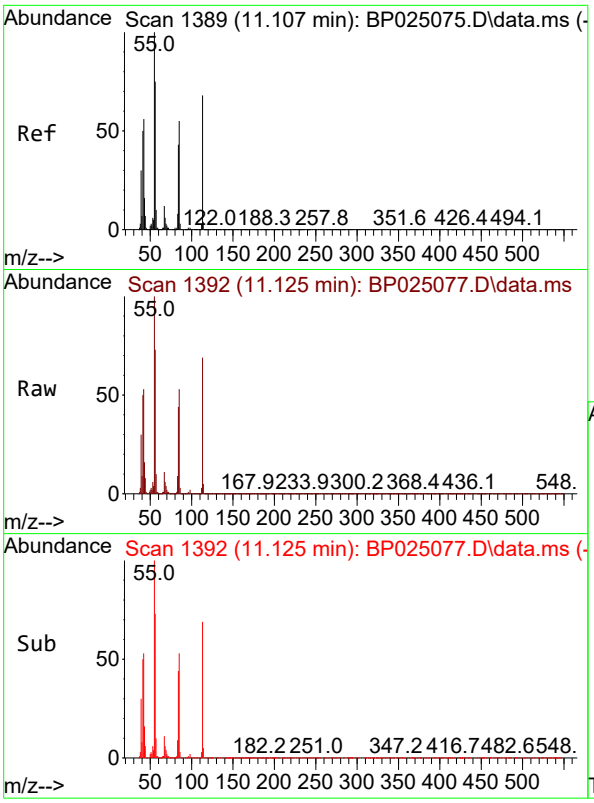


#34
Hexachlorobutadiene
Concen: 62.176 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:225 Resp: 926172

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	65.4	51.3	76.9

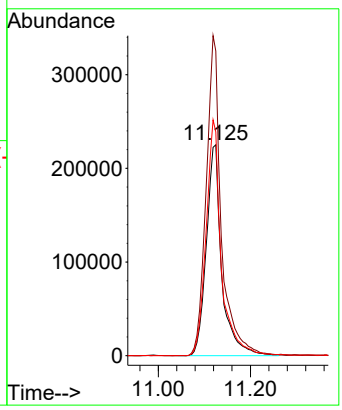




#35
Caprolactam
Concen: 65.271 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:113 Resp: 52339

Ion	Ratio	Lower	Upper
113	100		
55	144.5	128.1	168.1
56	106.1	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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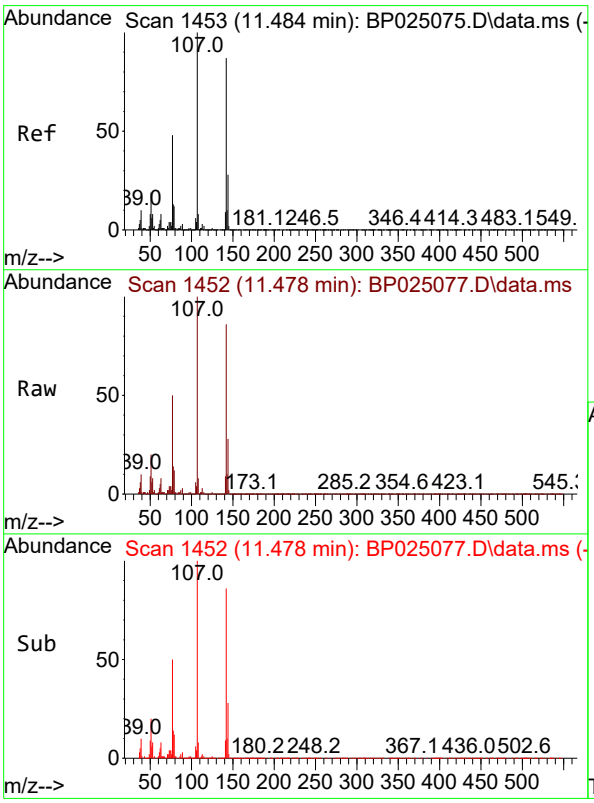
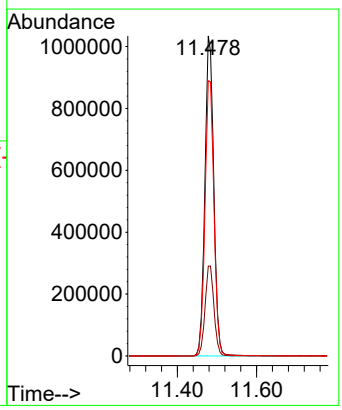
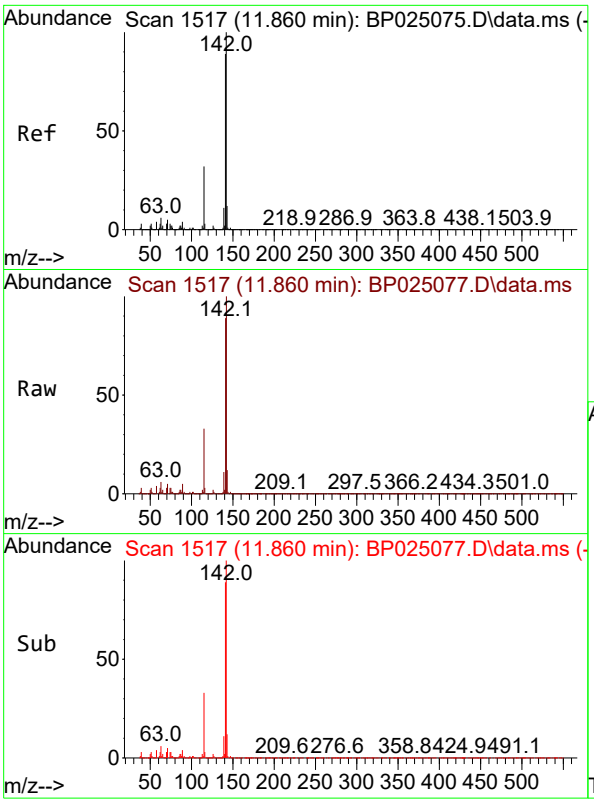


#36
4-Chloro-3-methylphenol
Concen: 65.488 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1604130

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	86.0	69.6	104.4

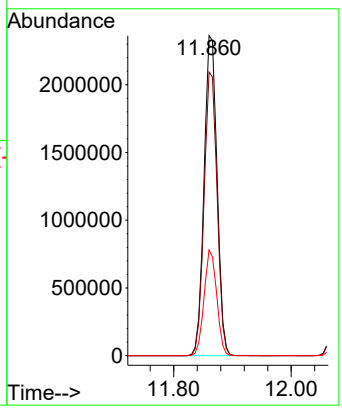




#37
2-Methylnaphthalene
Concen: 61.667 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 361308

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	33.0	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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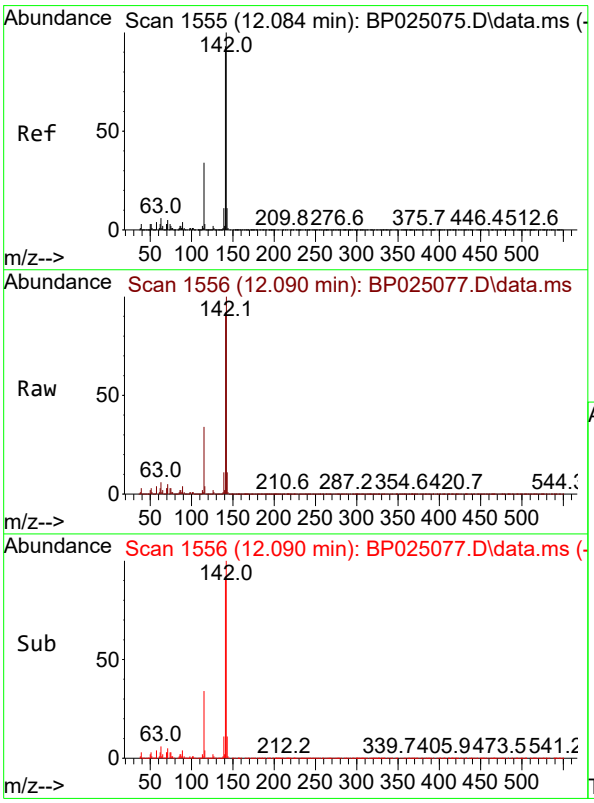
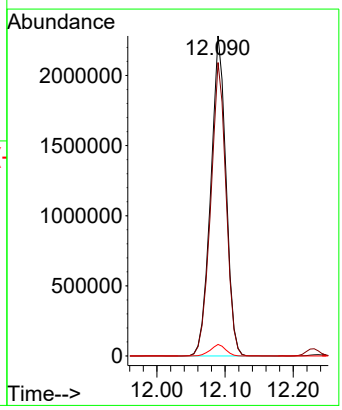
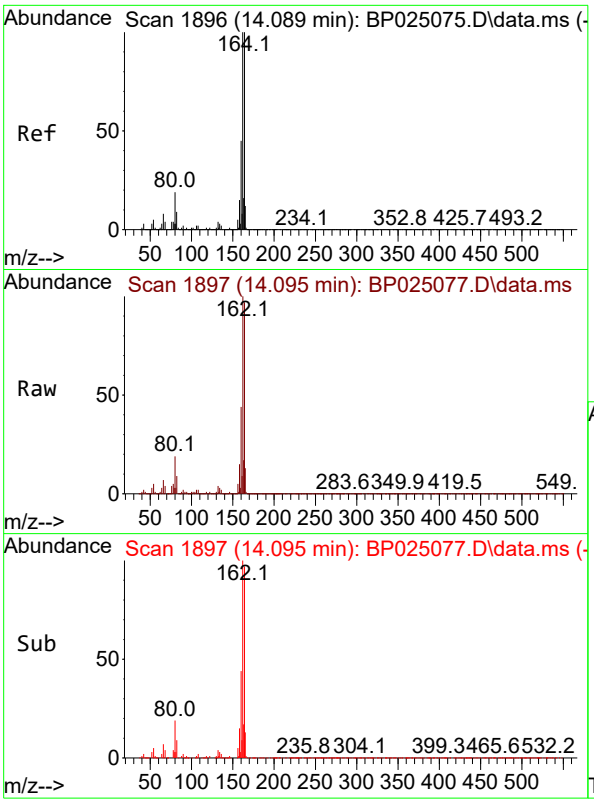


#38
1-Methylnaphthalene
Concen: 62.310 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 3560508

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	3.6	2.7	4.1

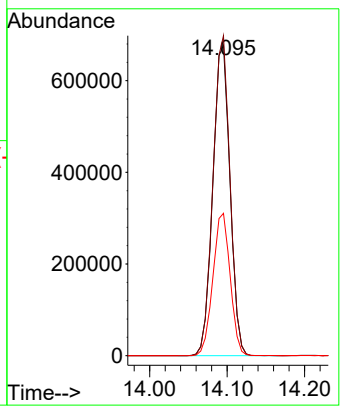




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:164 Resp: 104583

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.3	120.5
160	45.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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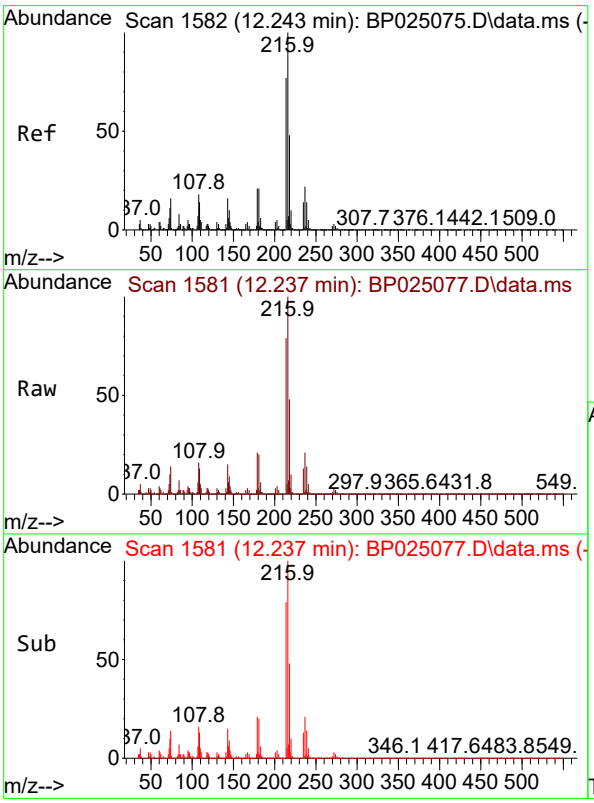
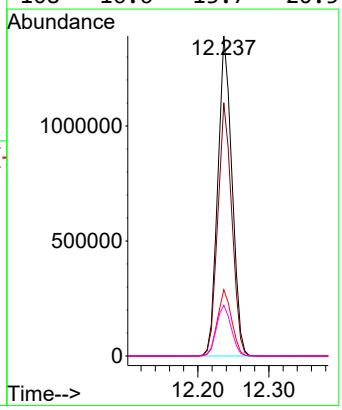
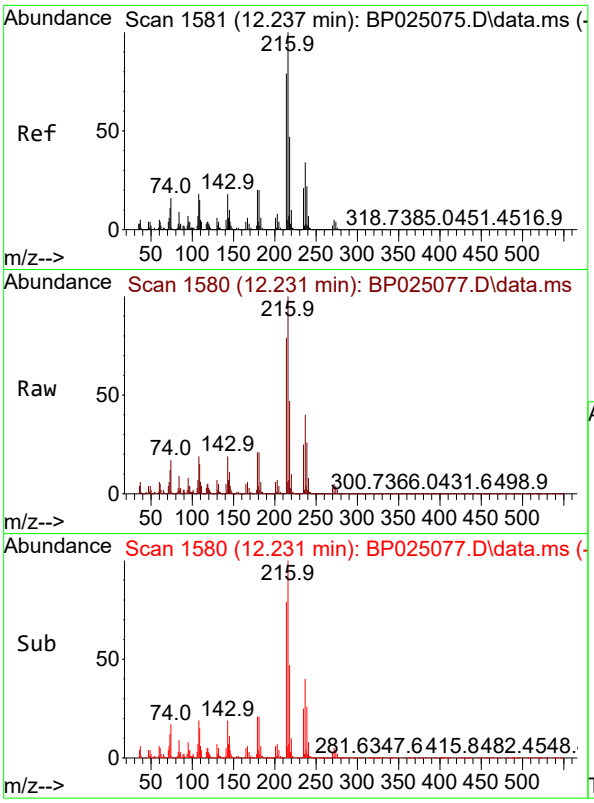


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.709 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:216 Resp: 1914890

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.7	16.5	24.7
108	16.6	13.7	20.5

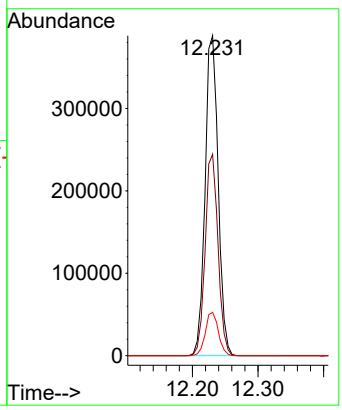




#41
Hexachlorocyclopentadiene
Concen: 68.439 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:237 Resp: 53731

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.6	81.6
272	13.6	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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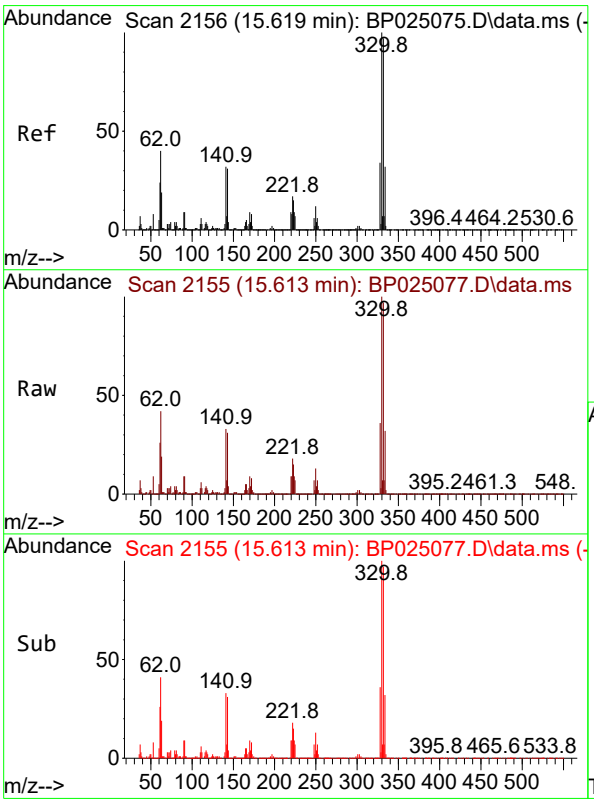
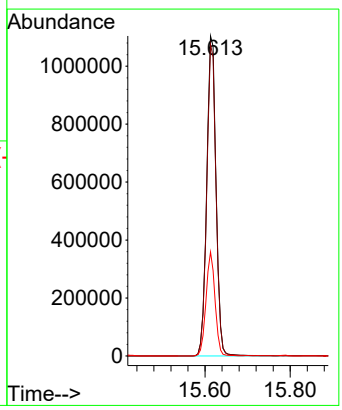
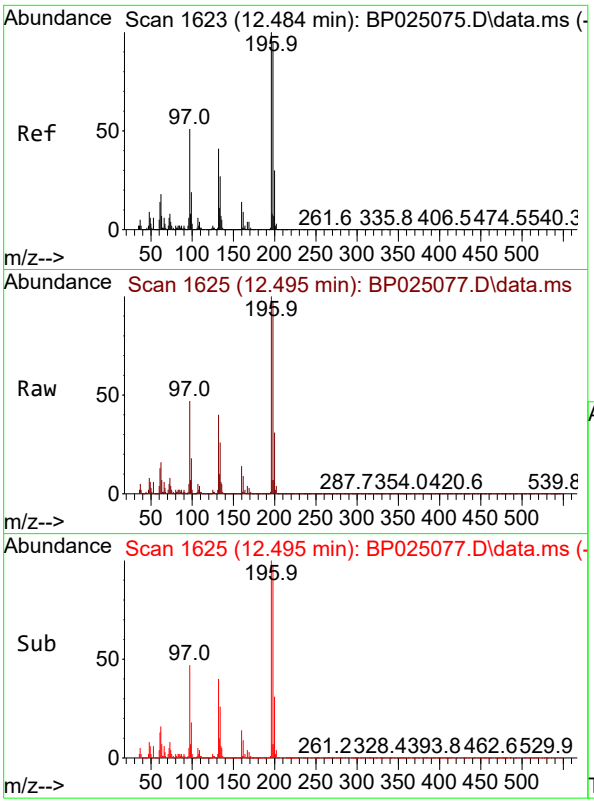


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:330 Resp: 1671151

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	31.6	26.0	39.0

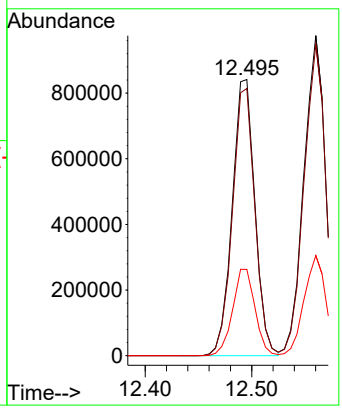




#43
2,4,6-Trichlorophenol
Concen: 68.701 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 125035

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
200	31.2	24.3	36.5



Instrument :
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ClientSampleId :
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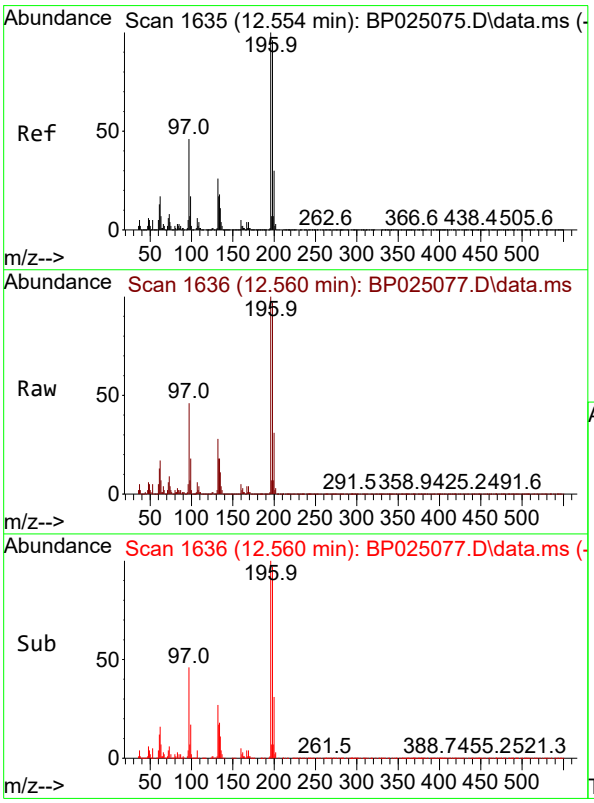
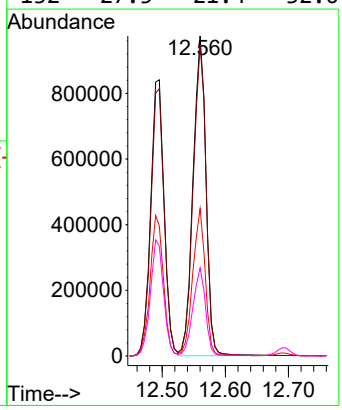
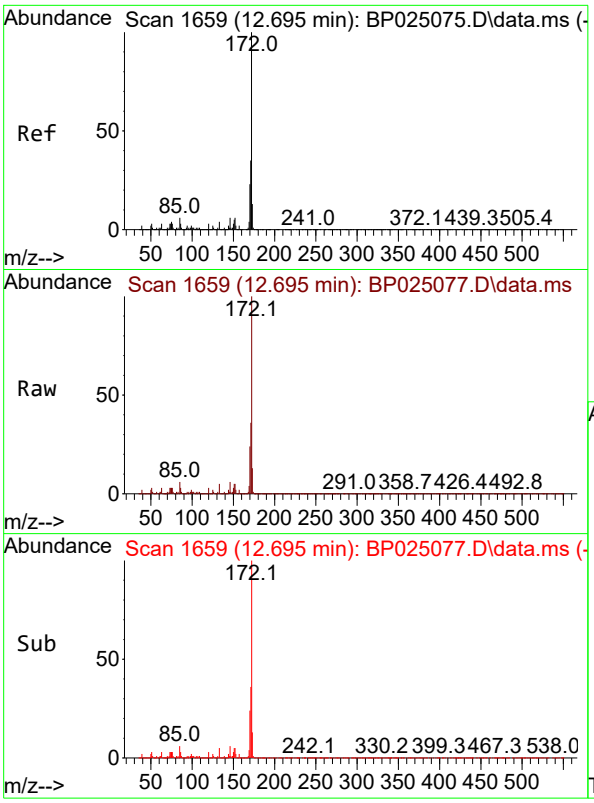


#44
2,4,5-Trichlorophenol
Concen: 67.090 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 1383790

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.6	115.0
97	46.1	36.6	55.0
132	27.5	21.4	32.0

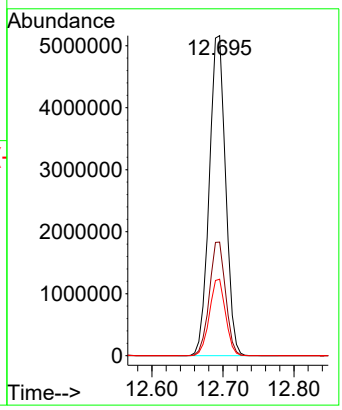




#45
2-Fluorobiphenyl
Concen: 121.896 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:172 Resp: 822913

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.9	18.7	28.1



Instrument :
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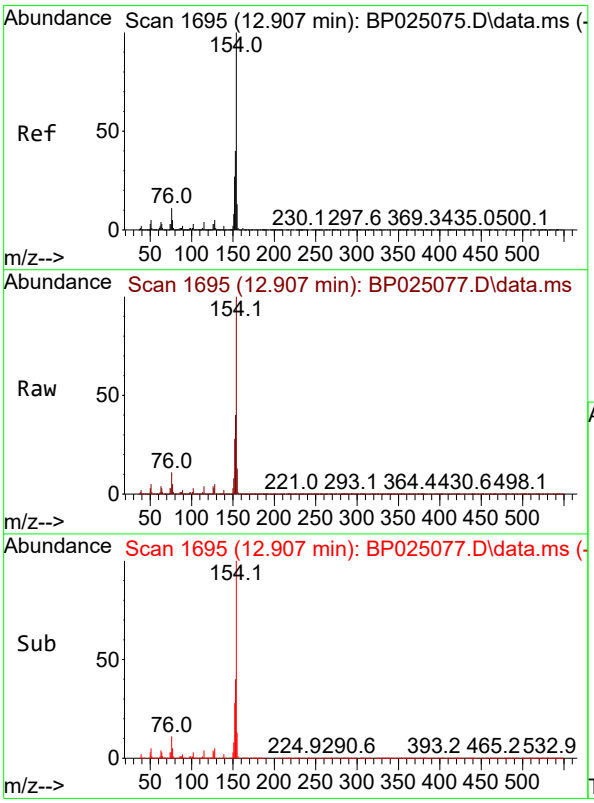
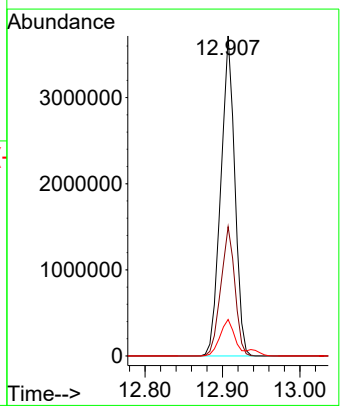
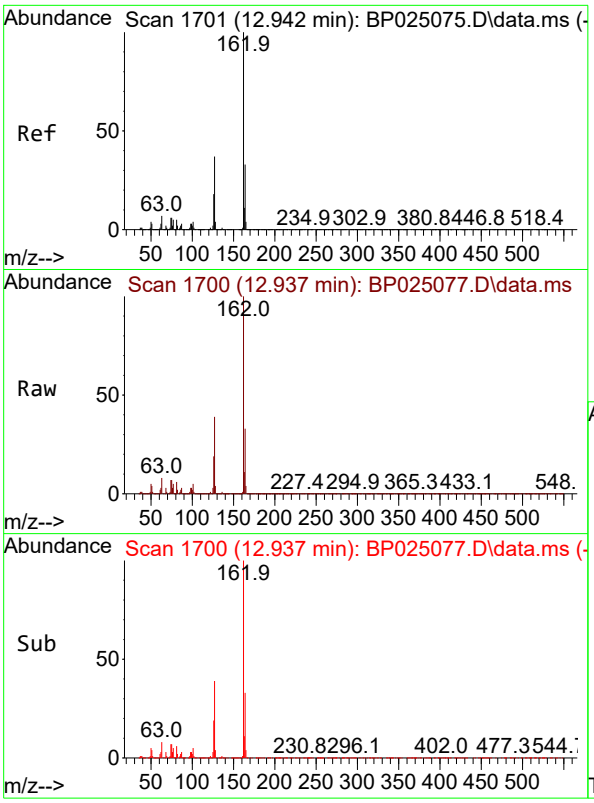


#46
1,1'-Biphenyl
Concen: 61.447 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 4675752

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.4	0.0	31.5

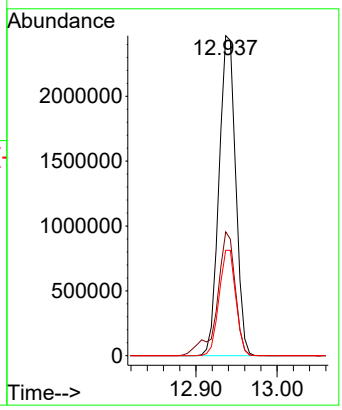




#47
2-Chloronaphthalene
Concen: 61.497 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:162 Resp: 351718

Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.4	44.2
164	32.9	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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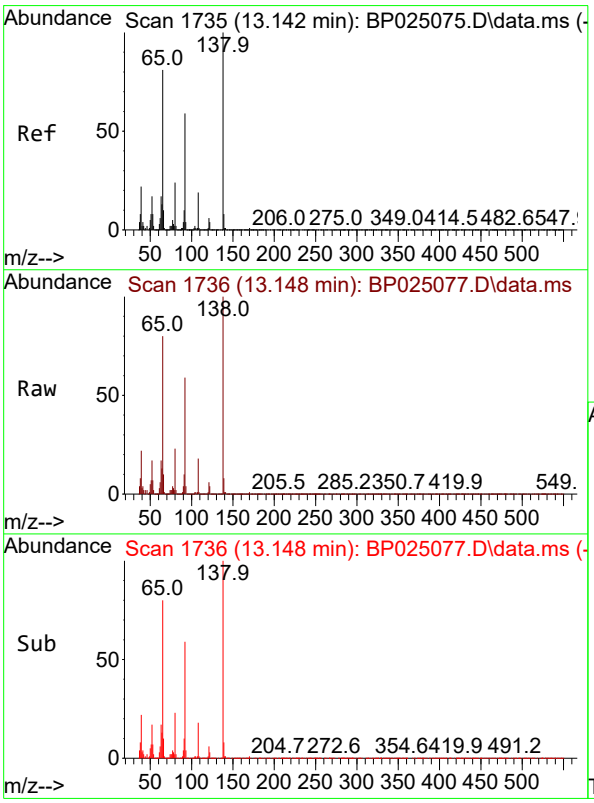
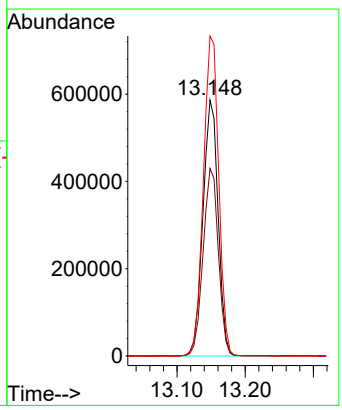
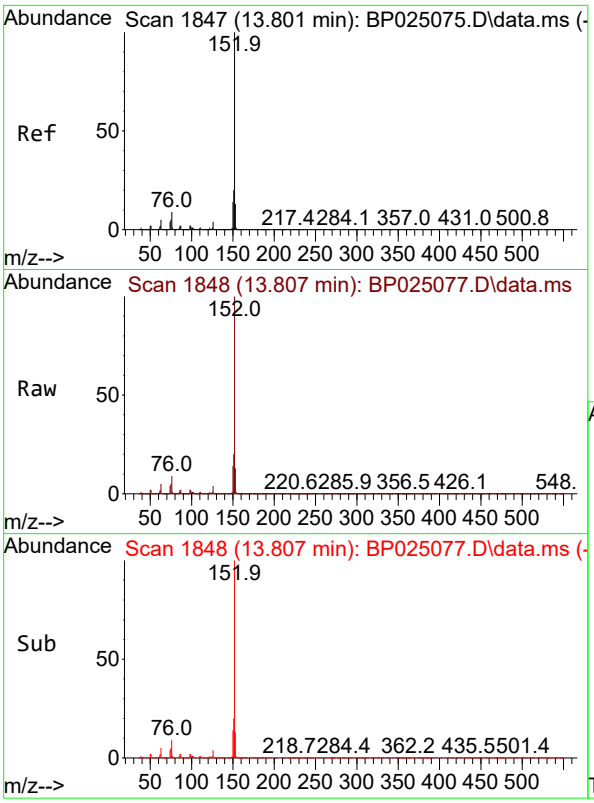


#48
2-Nitroaniline
Concen: 63.792 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 65 Resp: 907242

Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.7	88.1
138	125.1	99.0	148.4

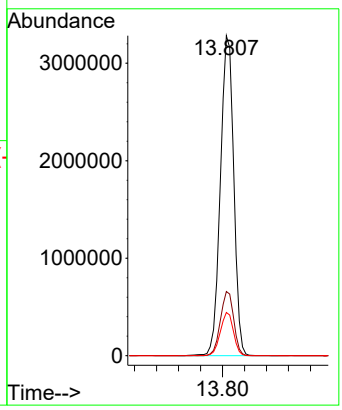




#49
Acenaphthylene
Concen: 63.134 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:152 Resp: 552642

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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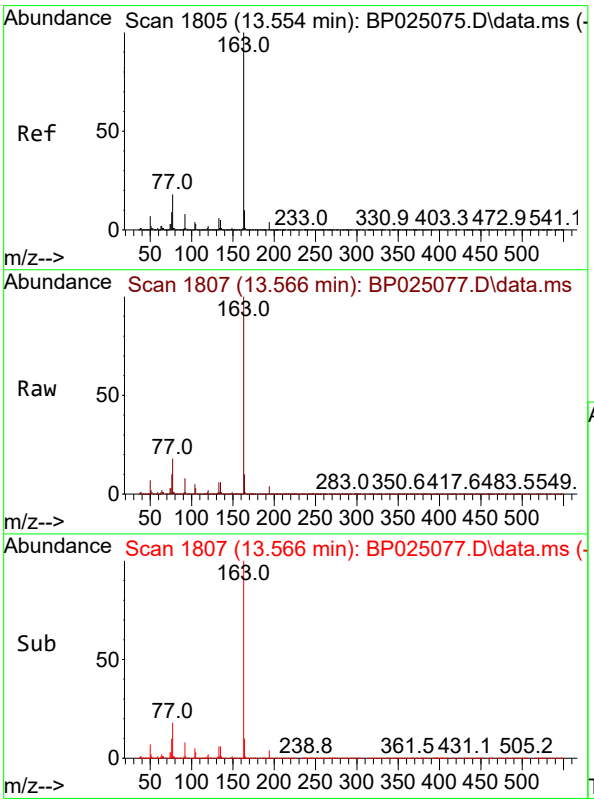
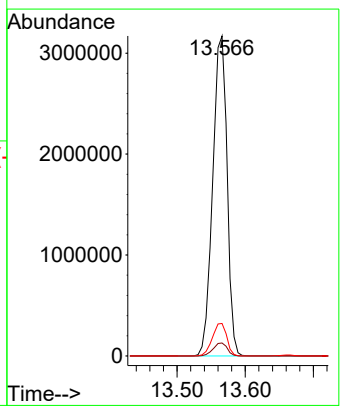
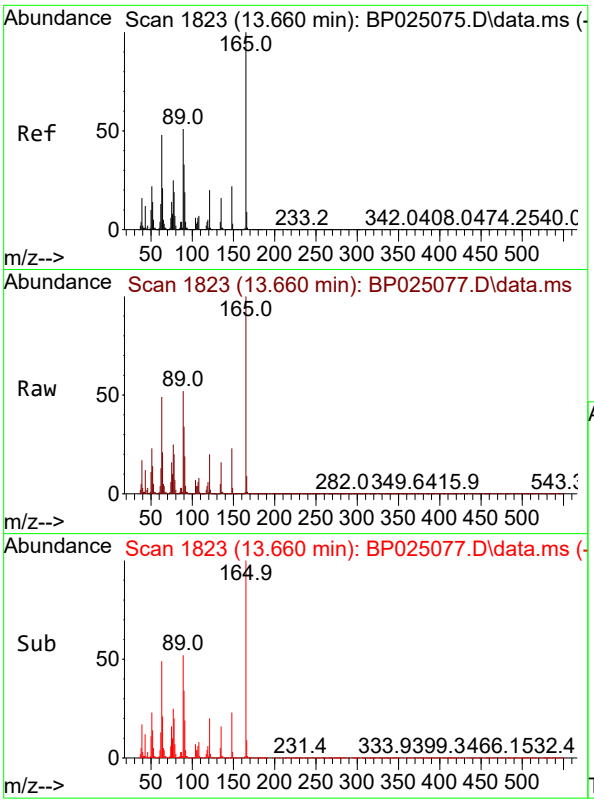


#50
Dimethylphthalate
Concen: 63.498 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:163 Resp: 4648592

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 68.780 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:165 Resp: 98203

Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.5	57.7
89	51.9	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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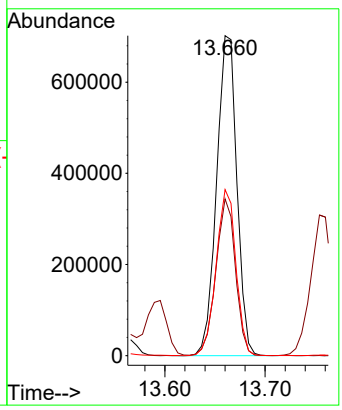
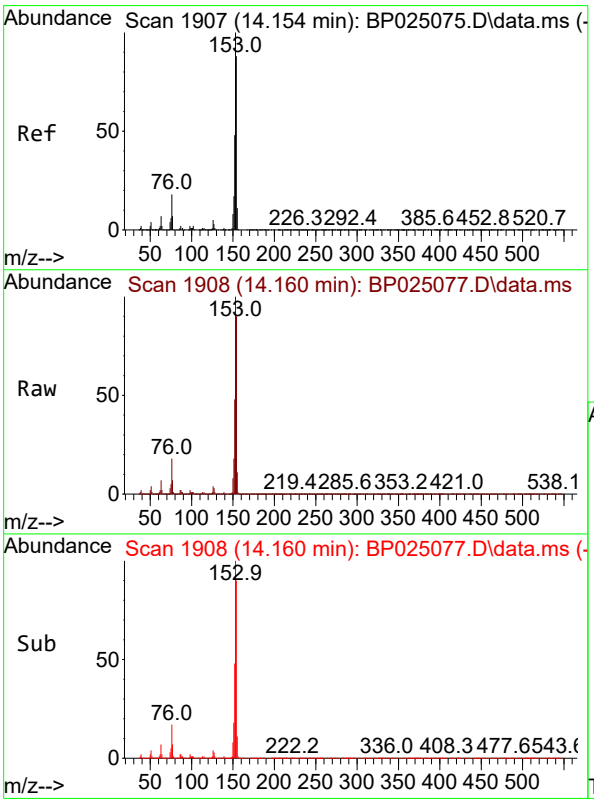
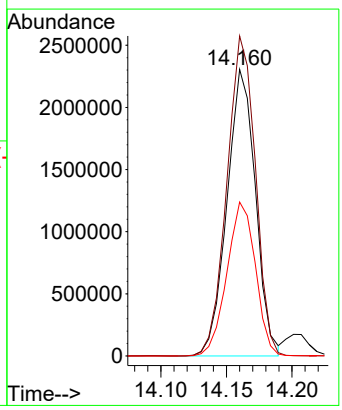


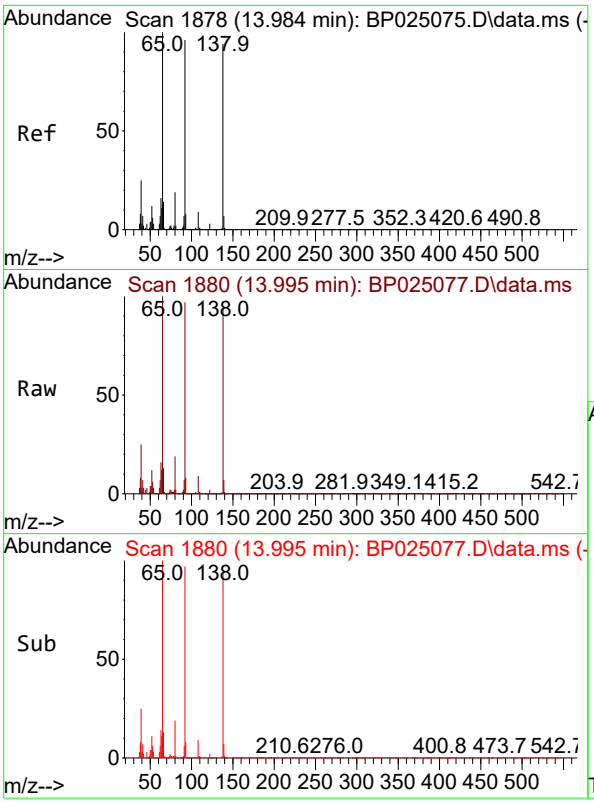


#52
Acenaphthene
Concen: 61.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 3486609

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.7	43.8	65.8

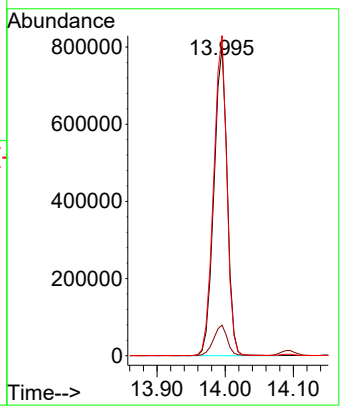




#53
3-Nitroaniline
Concen: 70.651 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 108105

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	103.9	81.0	121.4



Instrument :
BNA_P
ClientSampleId :
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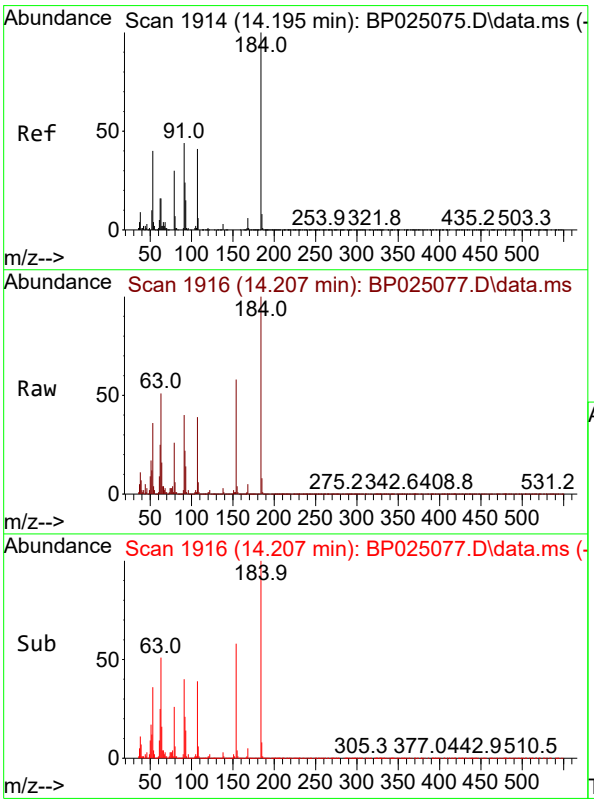
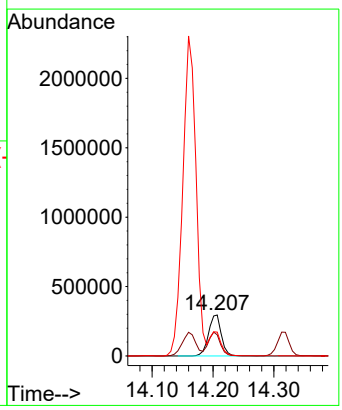
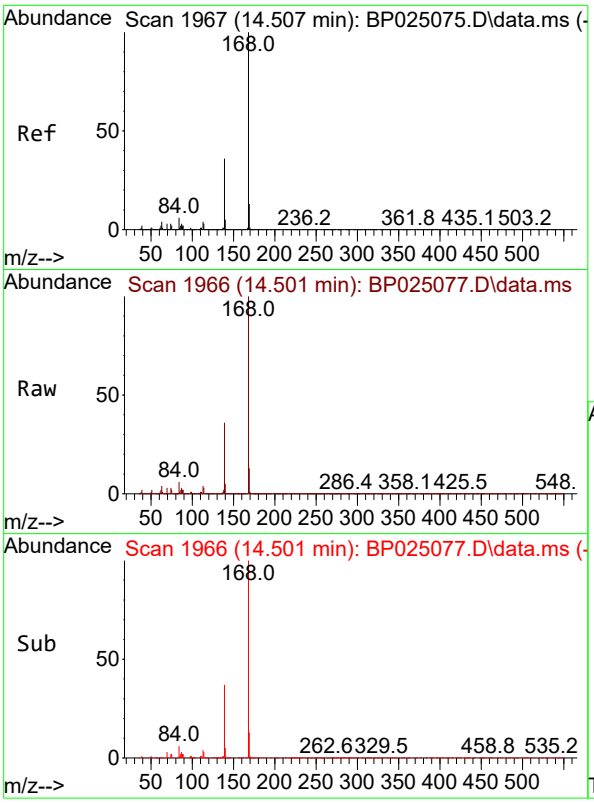


#54
2,4-Dinitrophenol
Concen: 62.873 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 430100

Ion	Ratio	Lower	Upper
184	100		
63	51.5	47.4	71.0
154	58.2	47.8	71.8

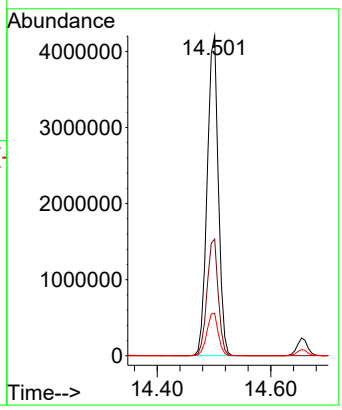




#55
Dibenzofuran
Concen: 61.105 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:168 Resp: 568947

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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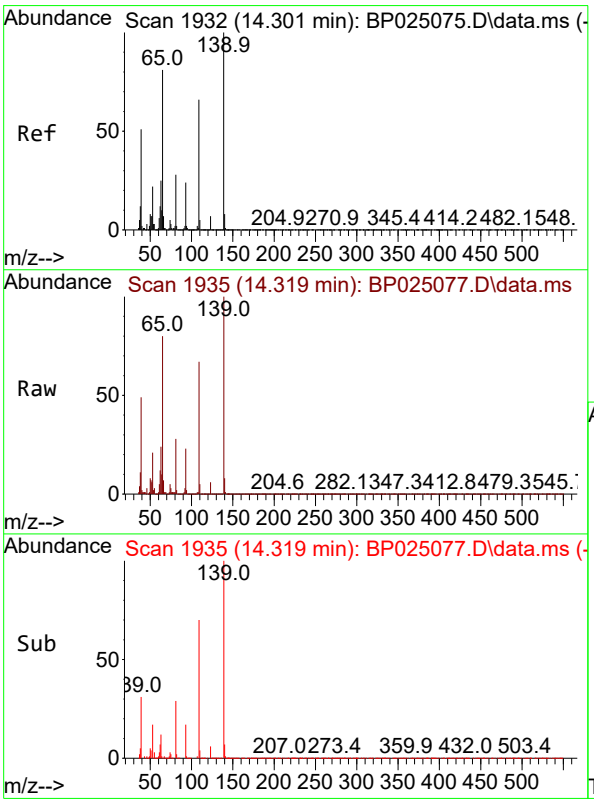
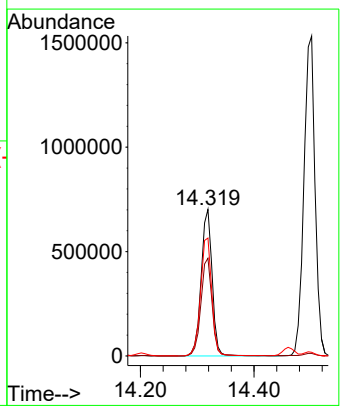
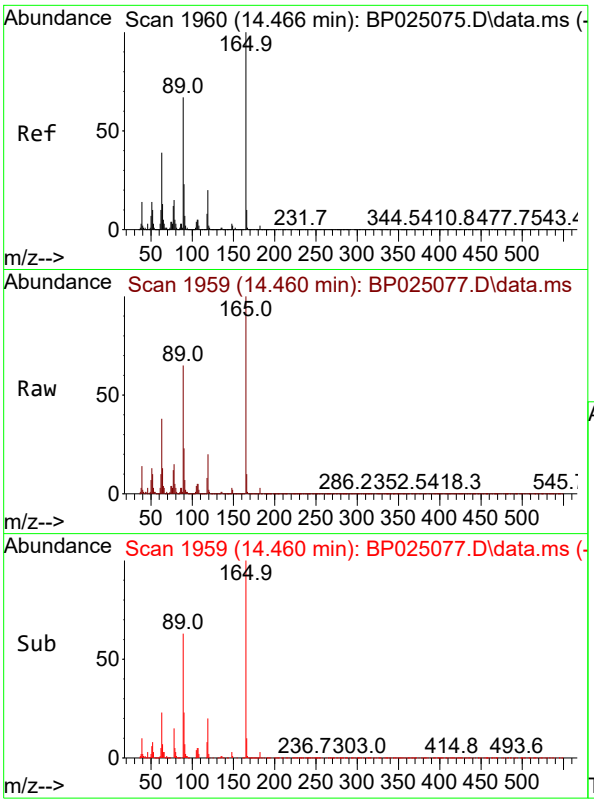


#56
4-Nitrophenol
Concen: 66.867 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 944200

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.9	85.9
65	80.4	61.4	101.4

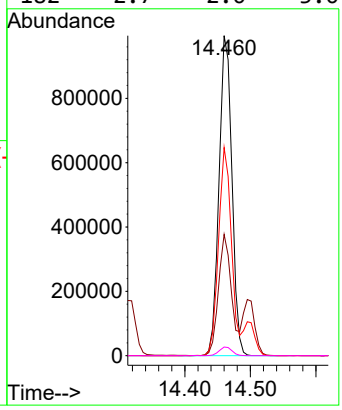




#57
2,4-Dinitrotoluene
Concen: 63.463 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:165 Resp: 134867

Ion	Ratio	Lower	Upper
165	100		
63	37.9	31.0	46.4
89	65.1	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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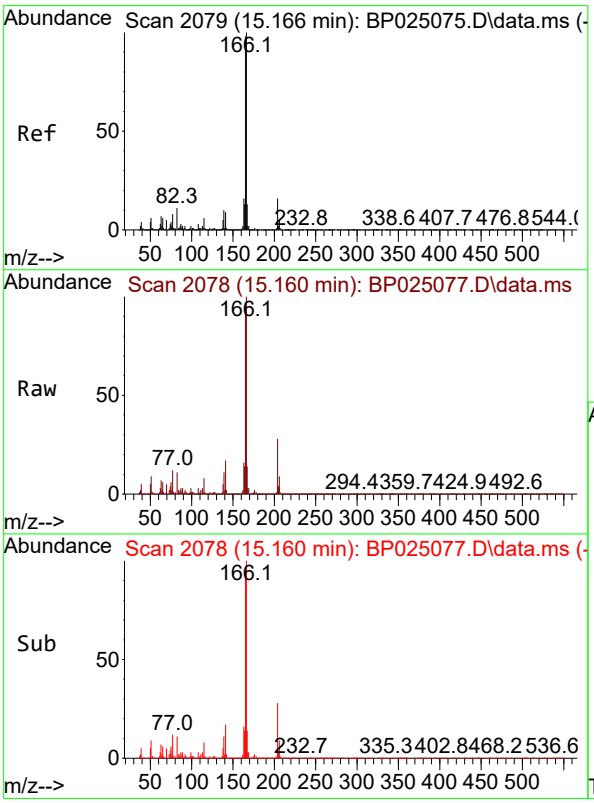
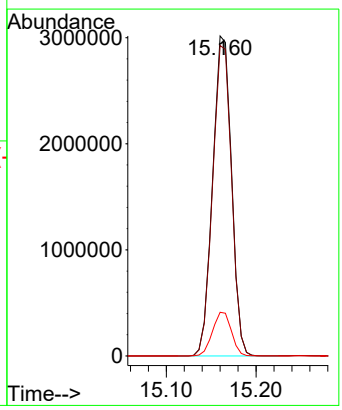
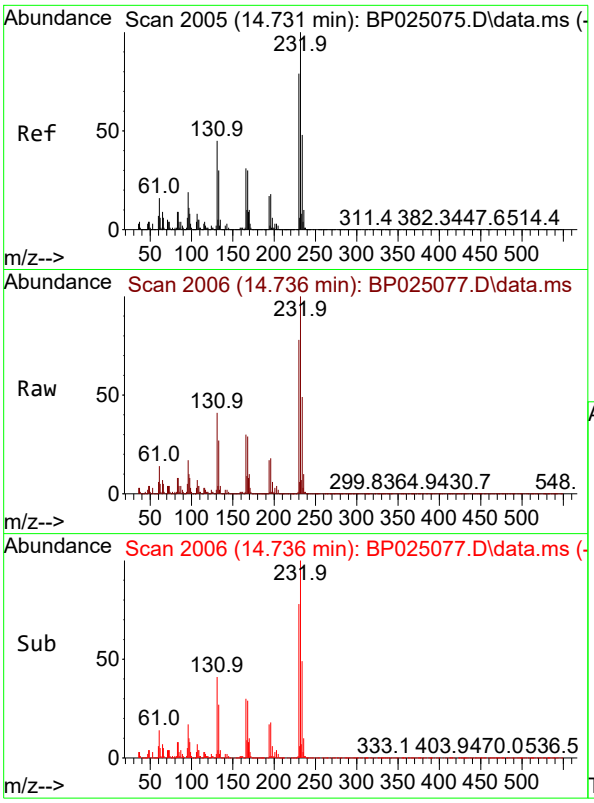


#58
Fluorene
Concen: 61.134 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:166 Resp: 4402726

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.6	10.7	16.1

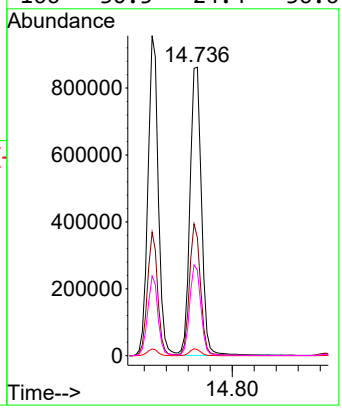




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.732 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:232 Resp: 124643

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.7	53.5
130	2.3	1.8	2.6
166	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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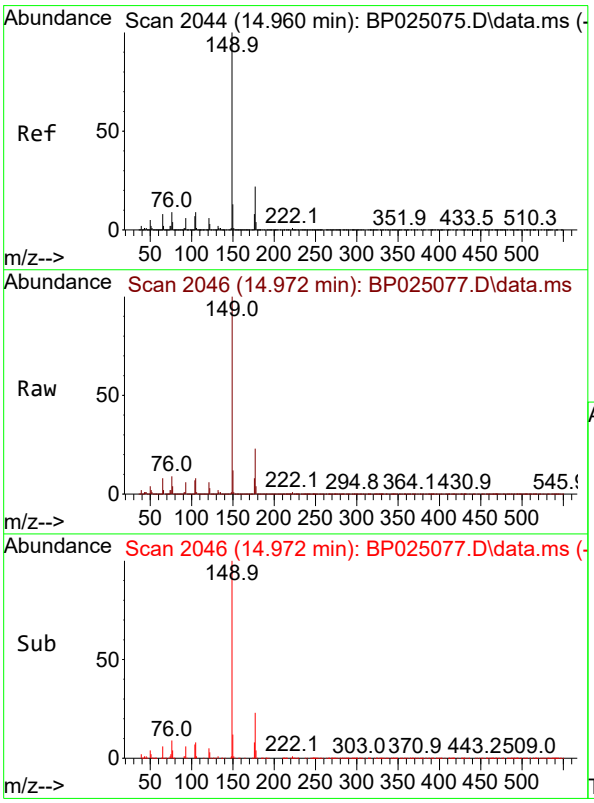
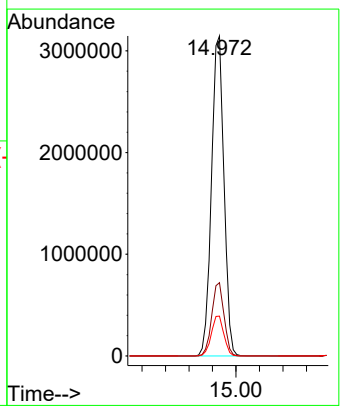
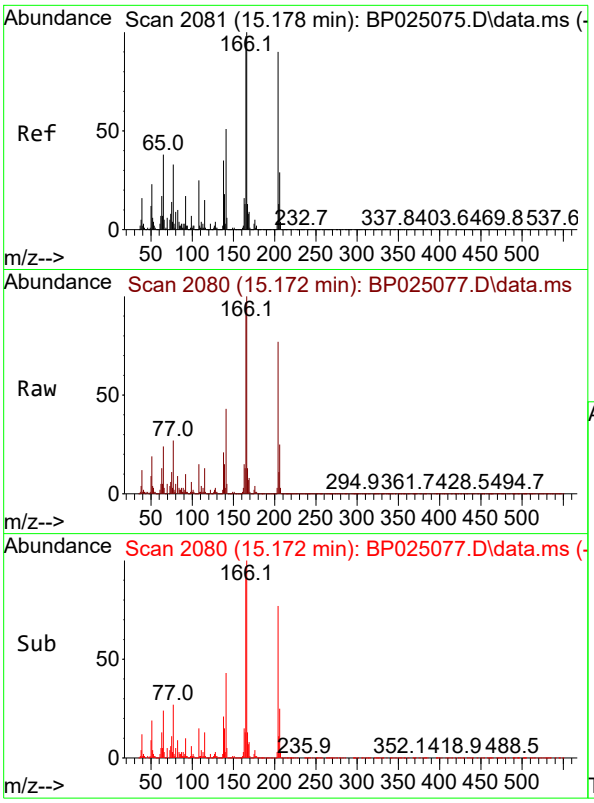


#60
Diethylphthalate
Concen: 63.033 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4634770

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.8
150	12.4	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 61.583 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:204 Resp: 219483

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	56.4	45.1	67.7

Instrument :
BNA_P
ClientSampleId :
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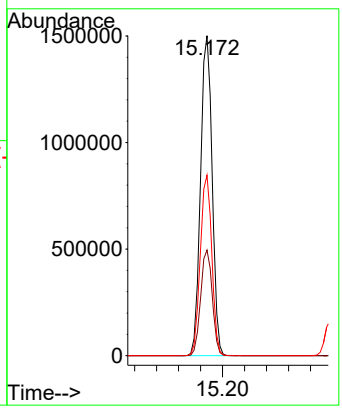
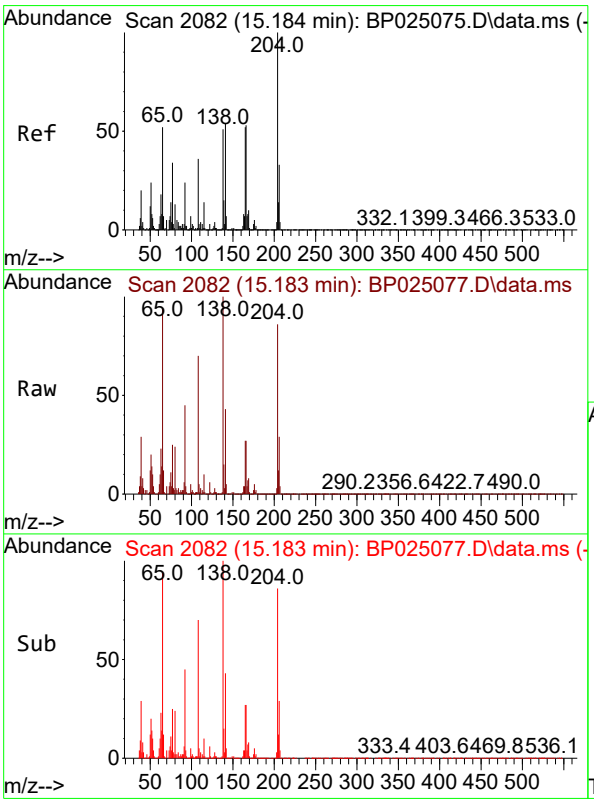
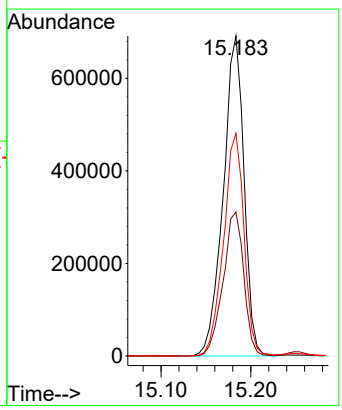


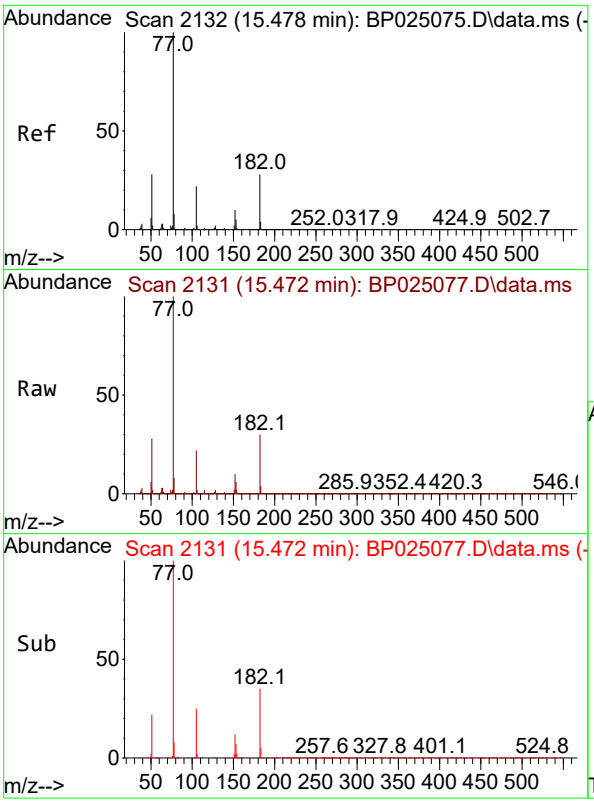


#62
4-Nitroaniline
Concen: 69.287 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 1111684

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	69.6	50.0	90.0

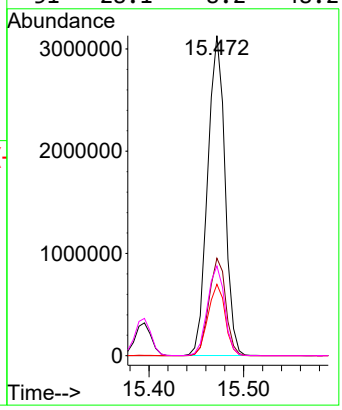




#63
Azobenzene
Concen: 60.626 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 396952

Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.7	47.7
105	22.3	1.9	41.9
51	28.1	8.2	48.2



Instrument :
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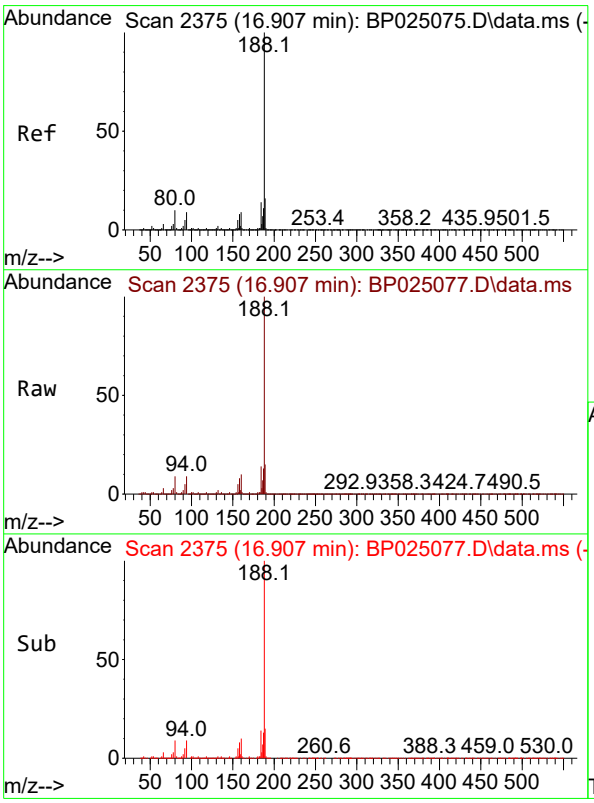
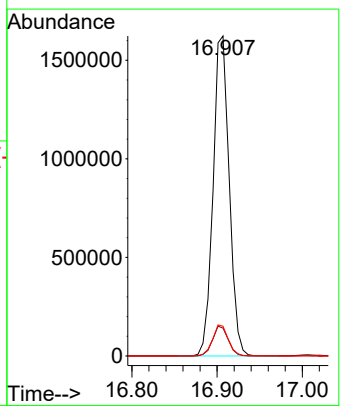
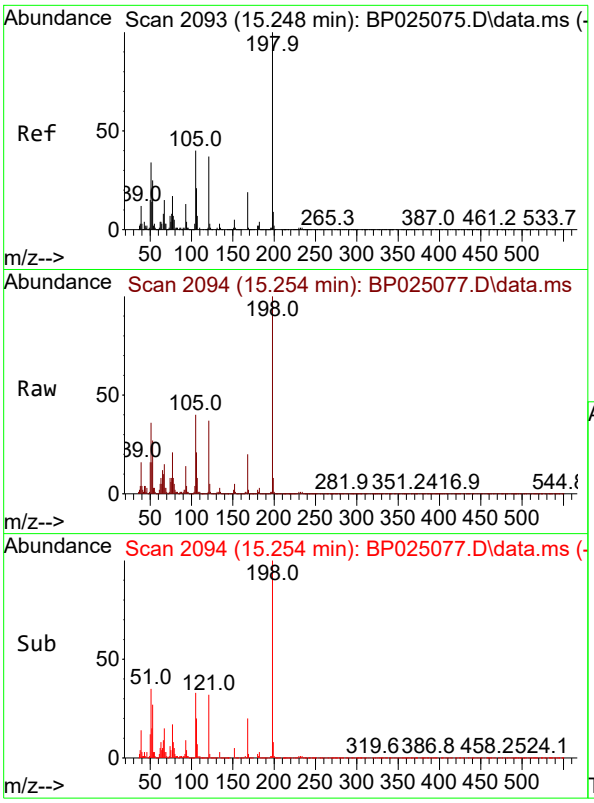


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:188 Resp: 2142509

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6

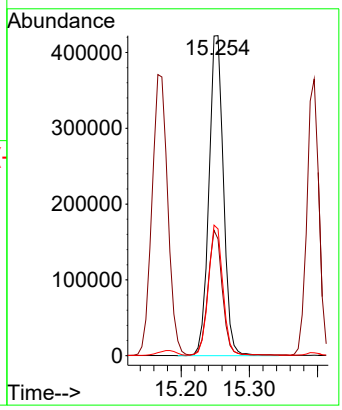




#65
4,6-Dinitro-2-methylphenol
Concen: 62.277 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:198 Resp: 62549

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.6	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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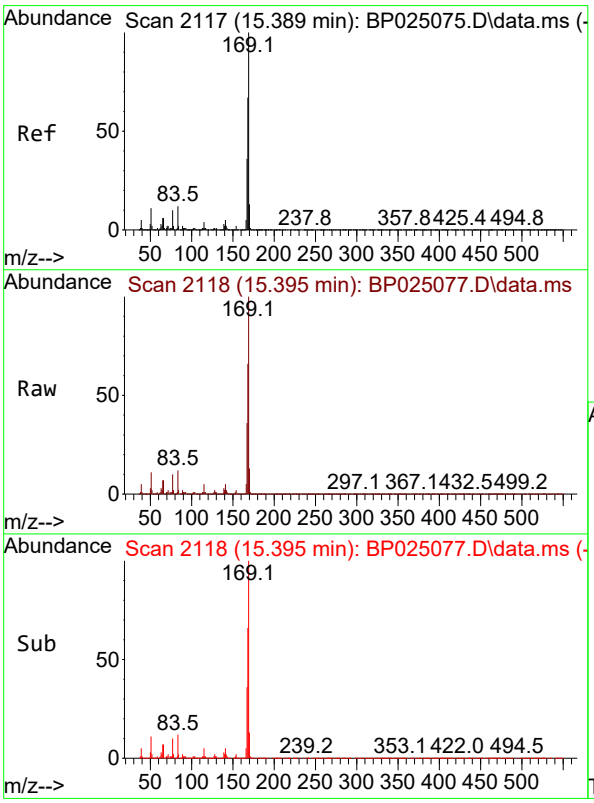
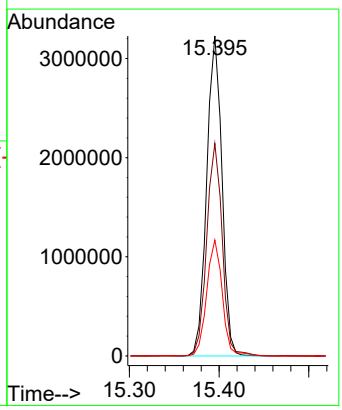
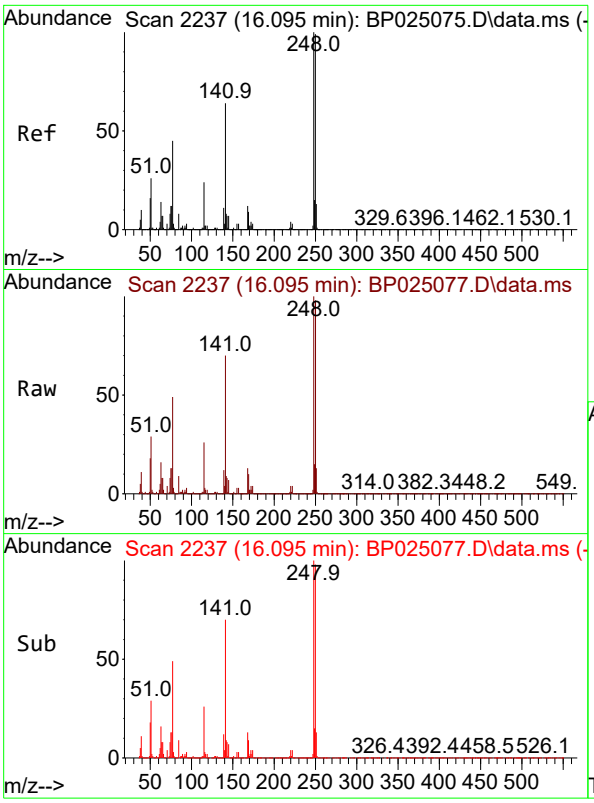


#66
n-Nitrosodiphenylamine
Concen: 62.033 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:169 Resp: 3803576

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.3	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 62.680 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:248 Resp: 137501

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.4	119.2
141	70.2	51.4	77.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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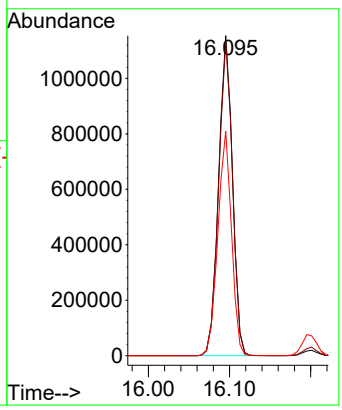
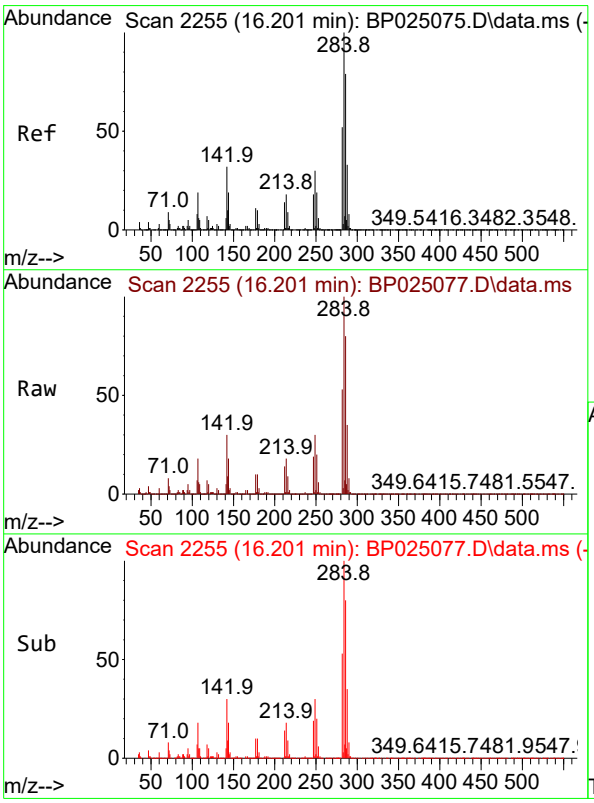
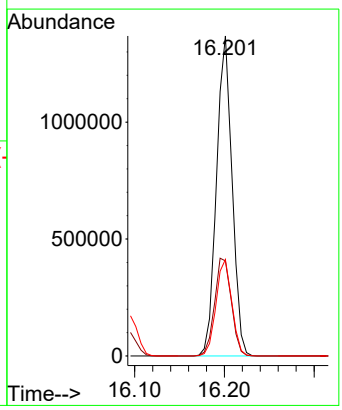


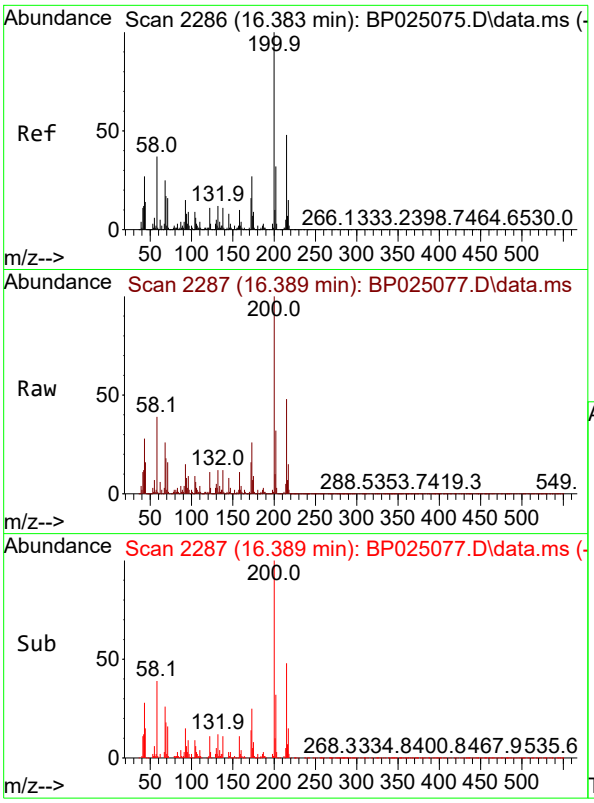


#68
Hexachlorobenzene
Concen: 61.529 ng
RT: 16.201 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:284 Resp: 1649772

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.9	38.9
249	30.2	23.8	35.8

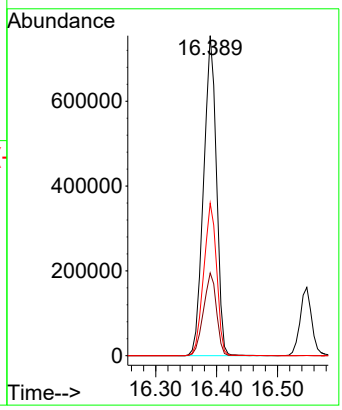




#69
Atrazine
Concen: 61.661 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:200 Resp: 110789

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	47.6	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
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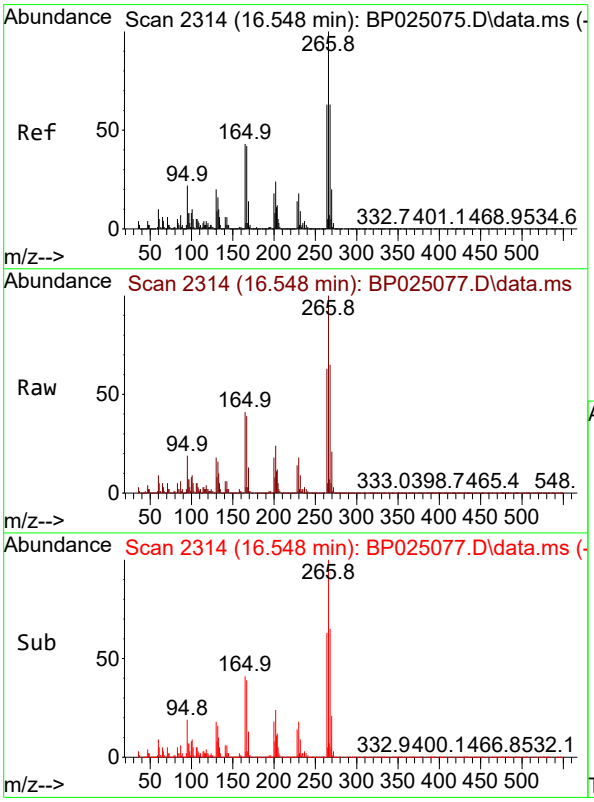
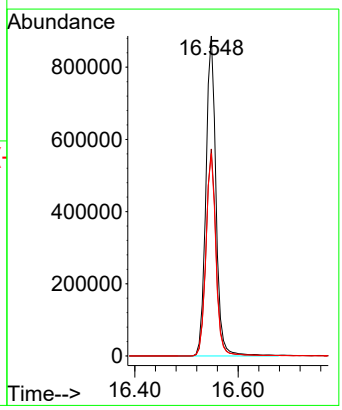
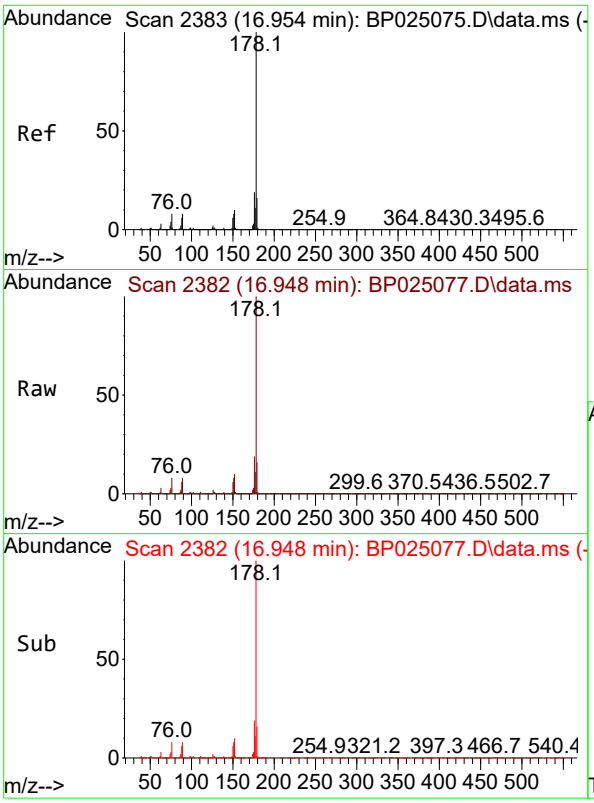


#70
Pentachlorophenol
Concen: 66.135 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:266 Resp: 1197597

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.4	75.6
264	63.2	50.2	75.2

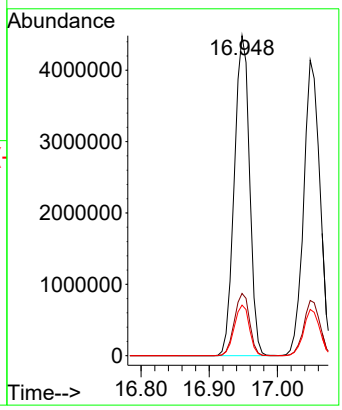




#71
Phenanthrene
Concen: 60.733 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 695289

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
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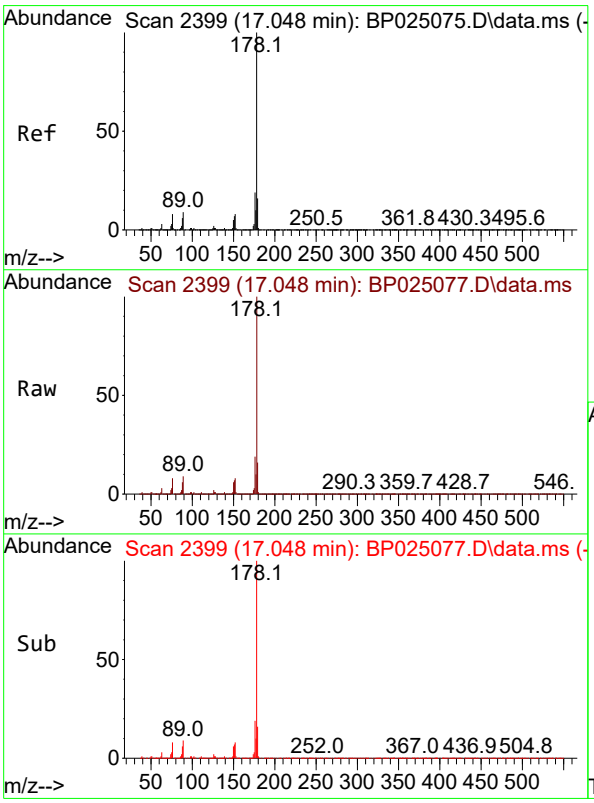
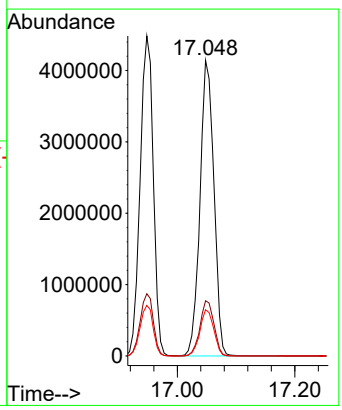
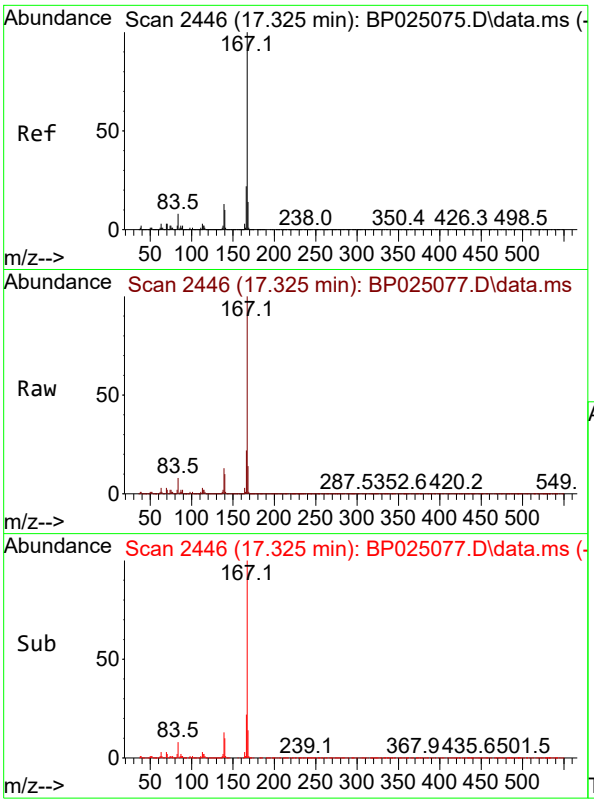


#72
Anthracene
Concen: 62.154 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 6826544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.6	12.5	18.7

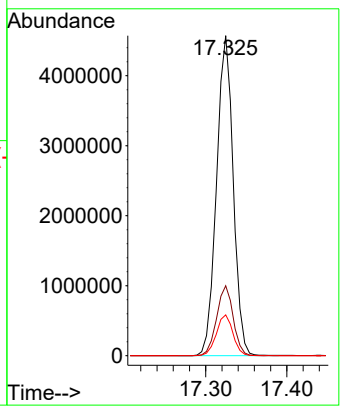




#73
Carbazole
Concen: 60.850 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:167 Resp: 653457

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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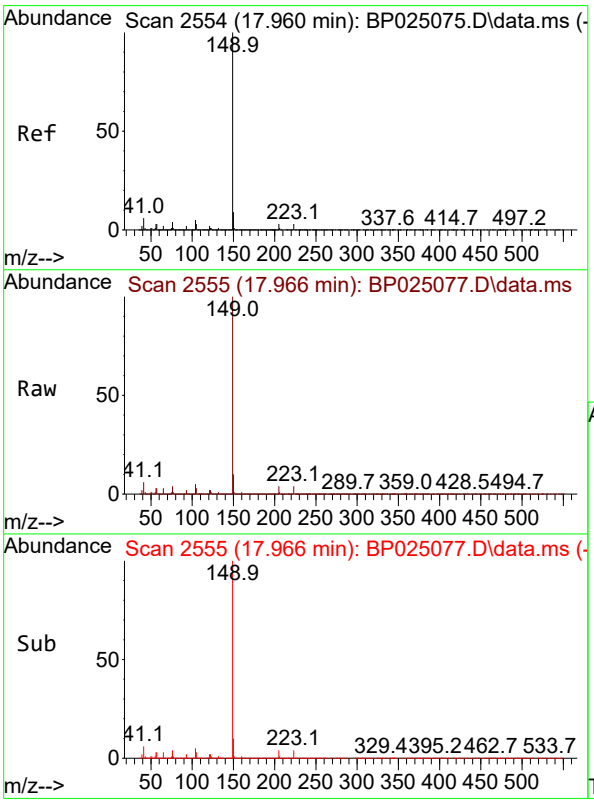
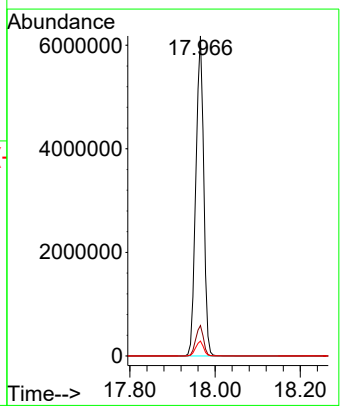
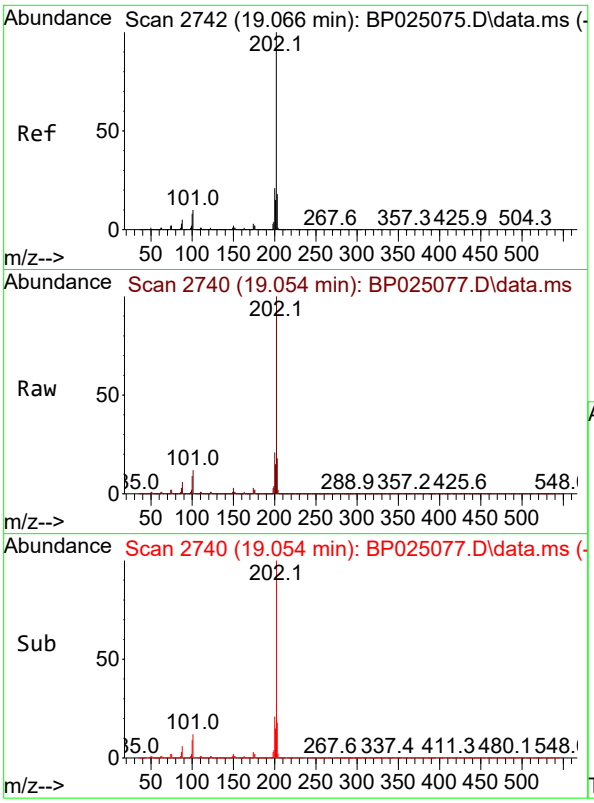


#74
Di-n-butylphthalate
Concen: 65.983 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 7890575

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.8	5.6

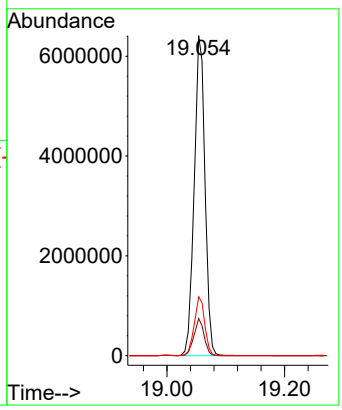




#75
Fluoranthene
Concen: 60.911 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 815108

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	18.4	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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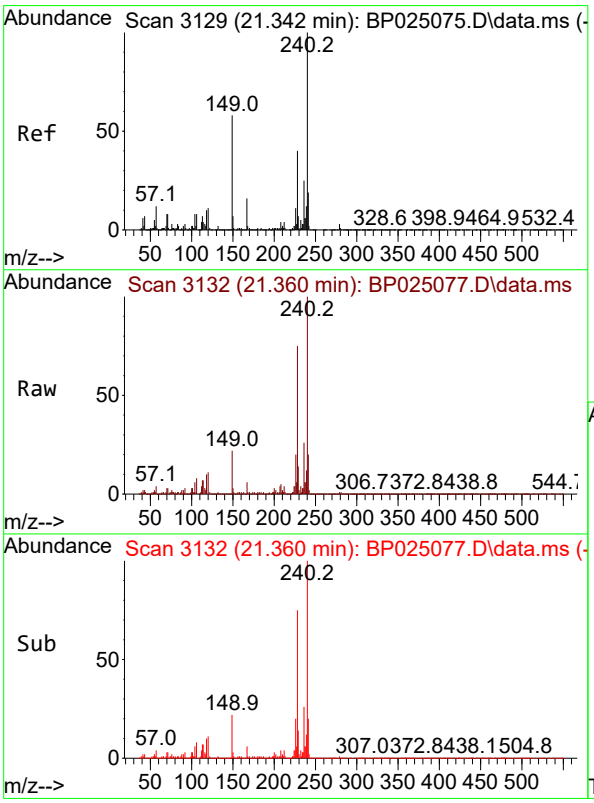
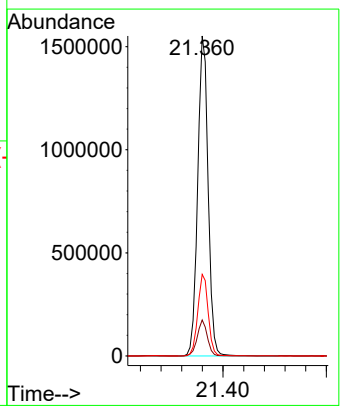
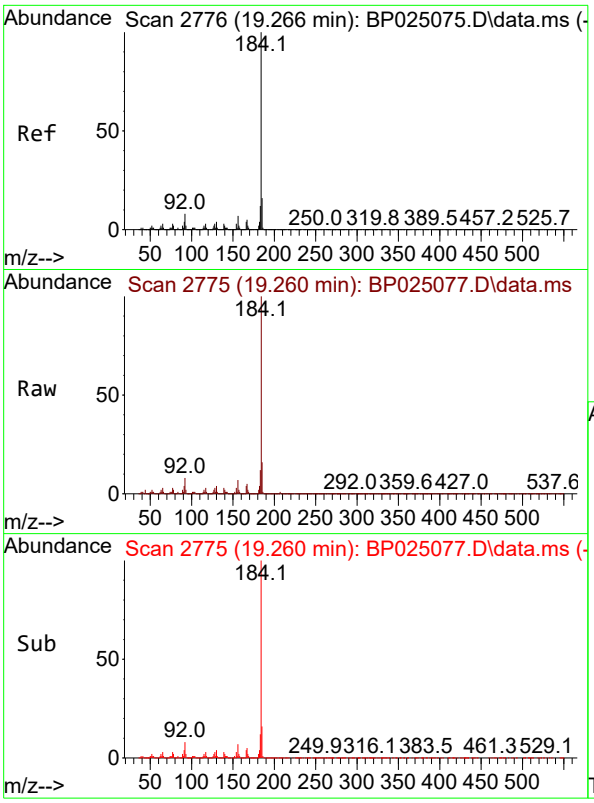


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:240 Resp: 2162992

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.5	20.3	30.5

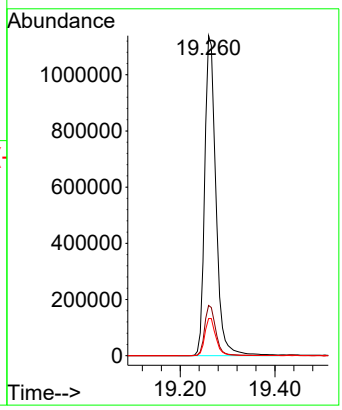




#77
Benzidine
Concen: 48.887 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 186757

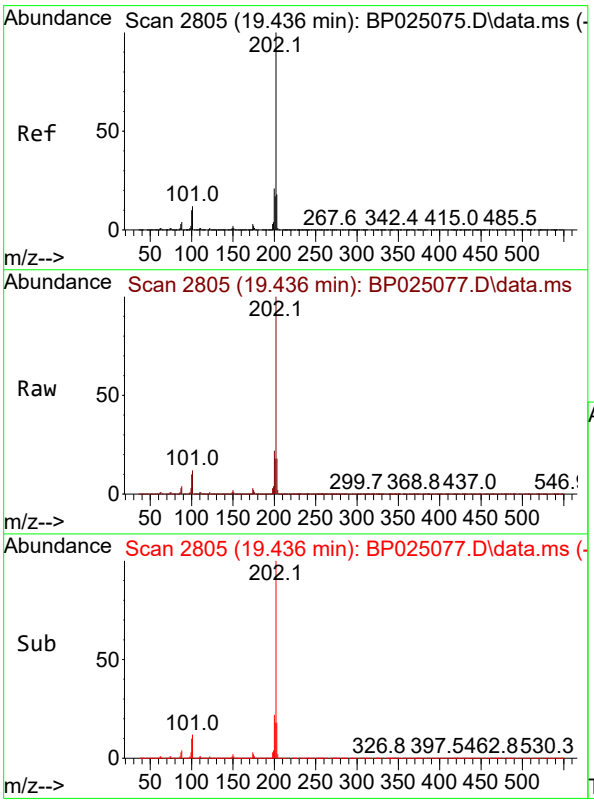
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

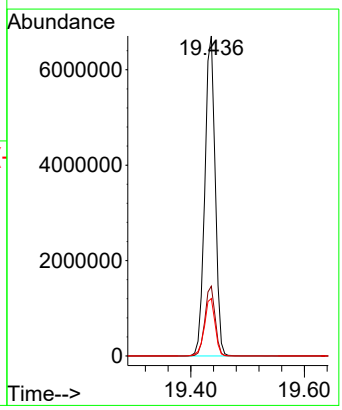
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

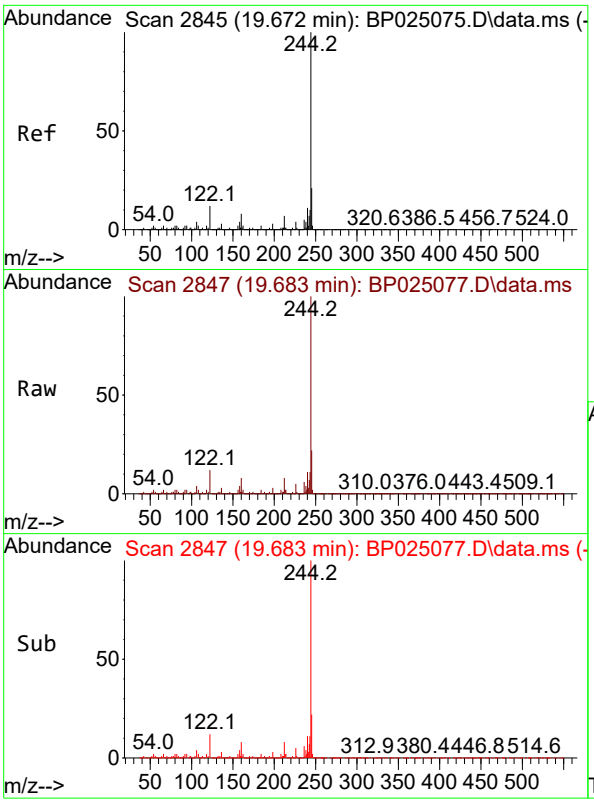


#78
Pyrene
Concen: 63.052 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 8447118

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.9	14.1	21.1

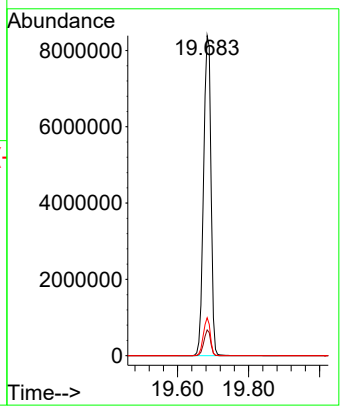




#79
Terphenyl-d14
Concen: 123.446 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:244 Resp:1214910

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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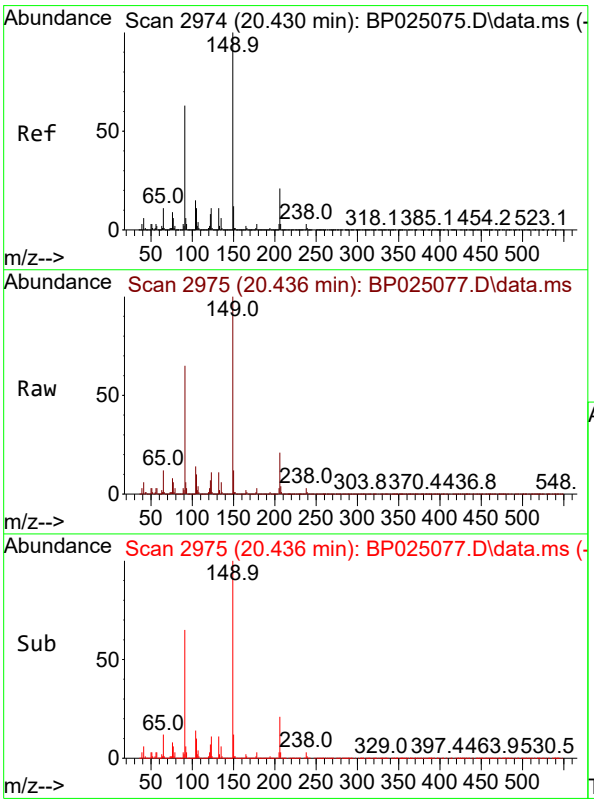
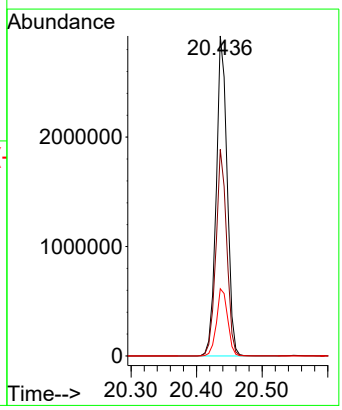
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

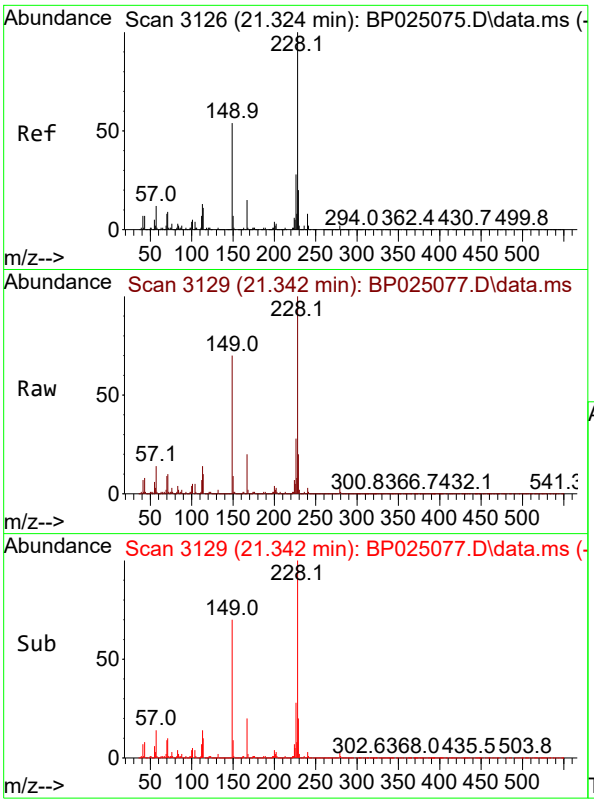


#80
Butylbenzylphthalate
Concen: 63.936 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 3368485

Ion	Ratio	Lower	Upper
149	100		
91	64.5	50.6	76.0
206	21.0	17.2	25.8





#81
Benzo(a)anthracene
Concen: 62.254 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

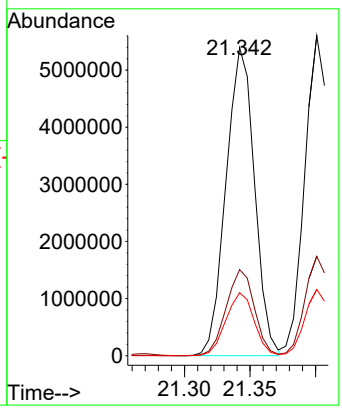
Tgt Ion:228 Resp: 816025

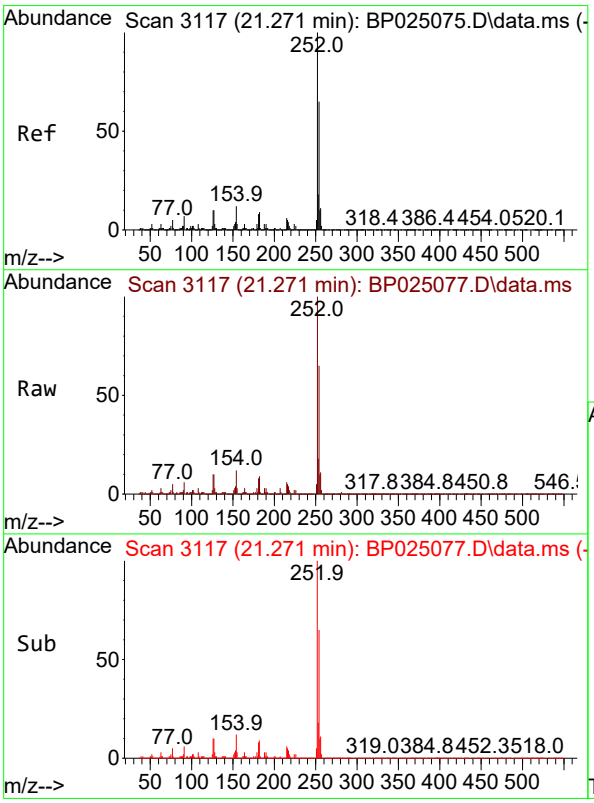
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.5	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

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

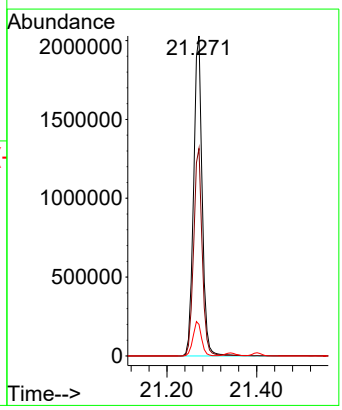


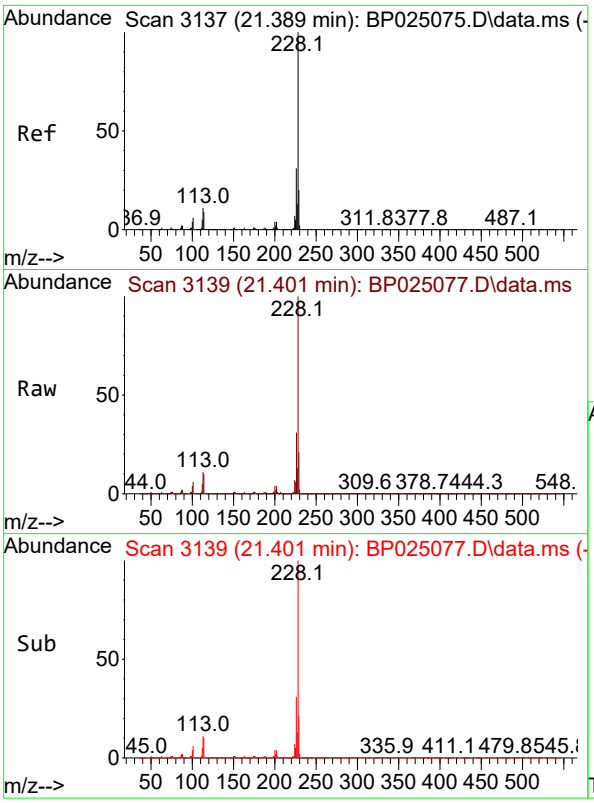


#82
3,3'-Dichlorobenzidine
Concen: 68.044 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 2685016

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.9	8.1	12.1

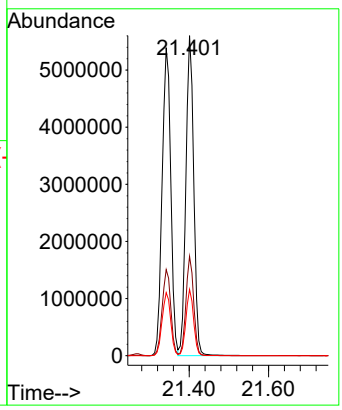




#83
Chrysene
Concen: 61.276 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:228 Resp: 772961

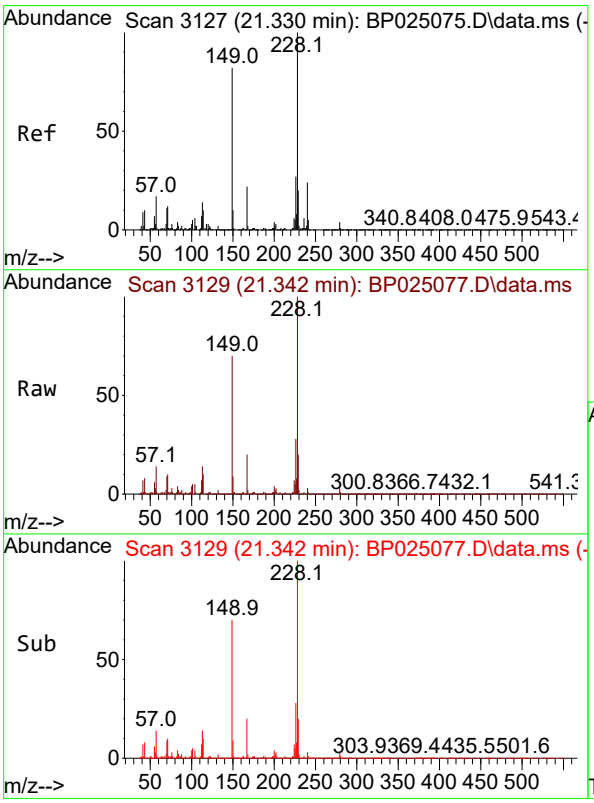
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

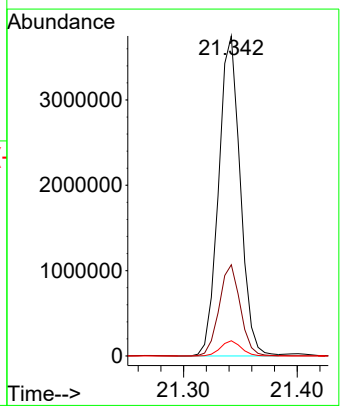
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

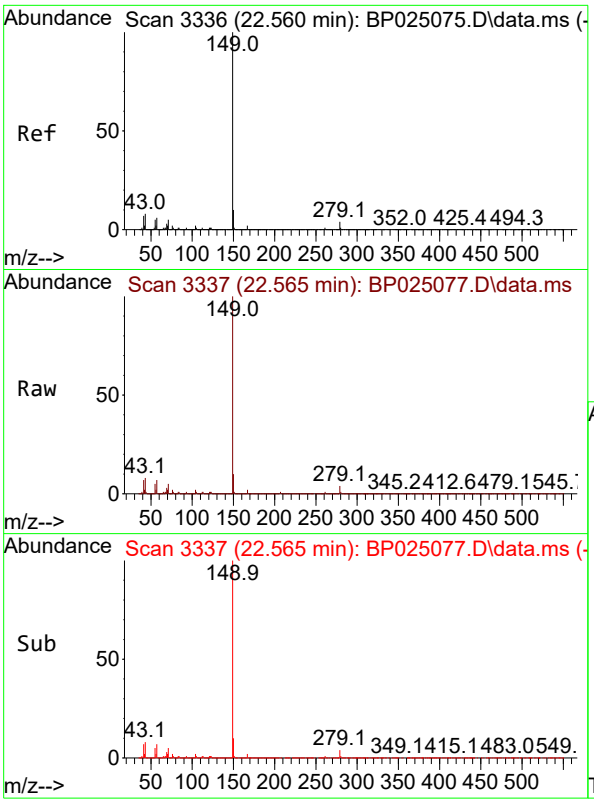


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.551 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4960480

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	4.8	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 838428

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

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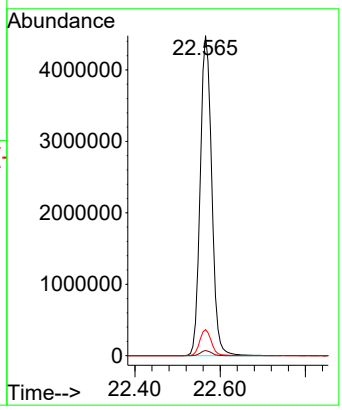
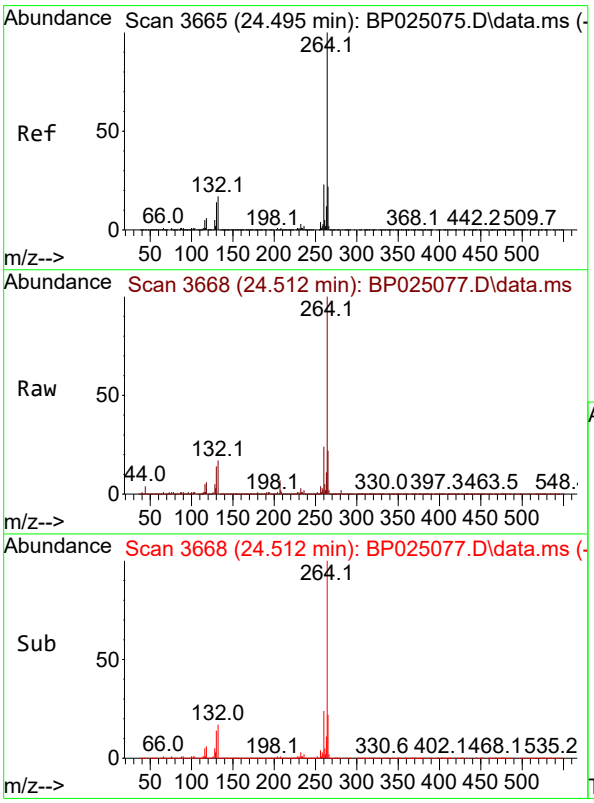
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

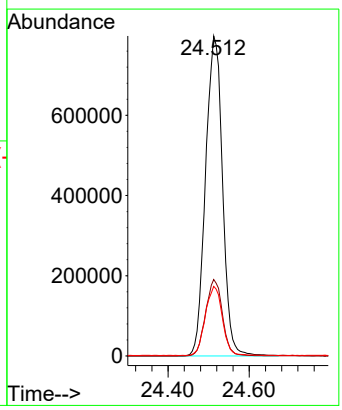


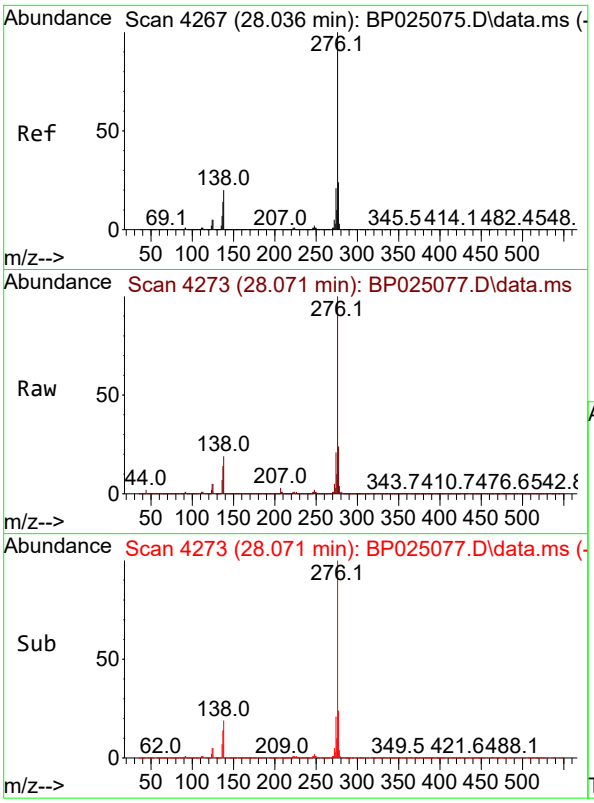


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:264 Resp: 2316428

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5

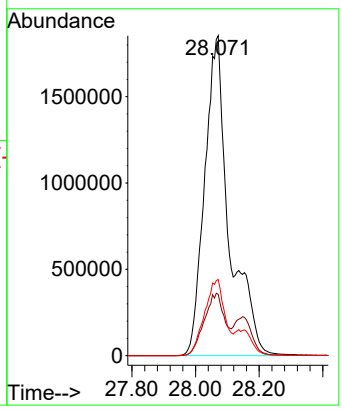




#87
Indeno(1,2,3-cd)pyrene
Concen: 67.489 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 996174

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.0	19.6
277	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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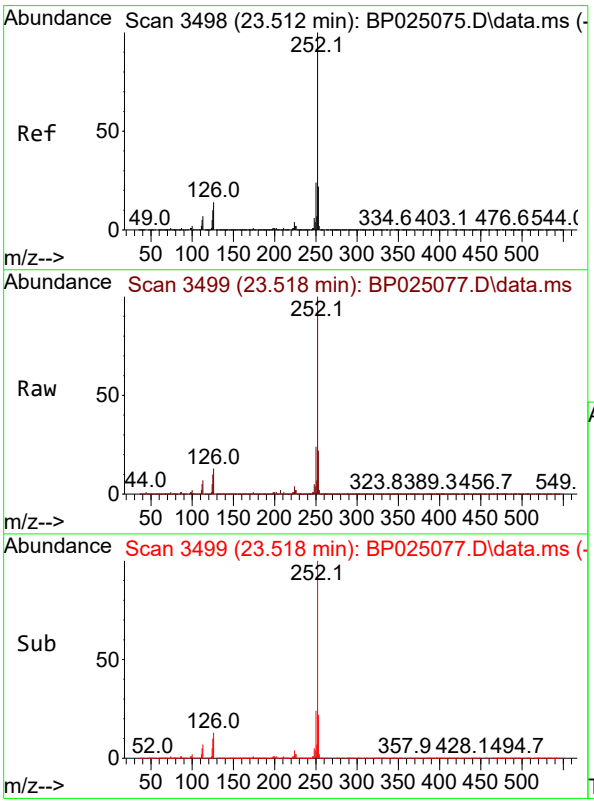
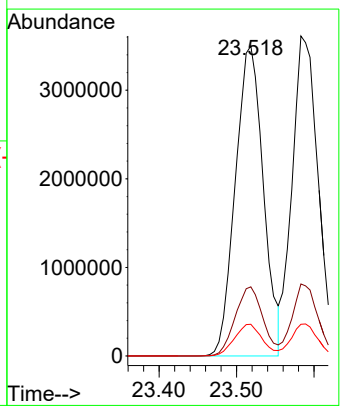
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

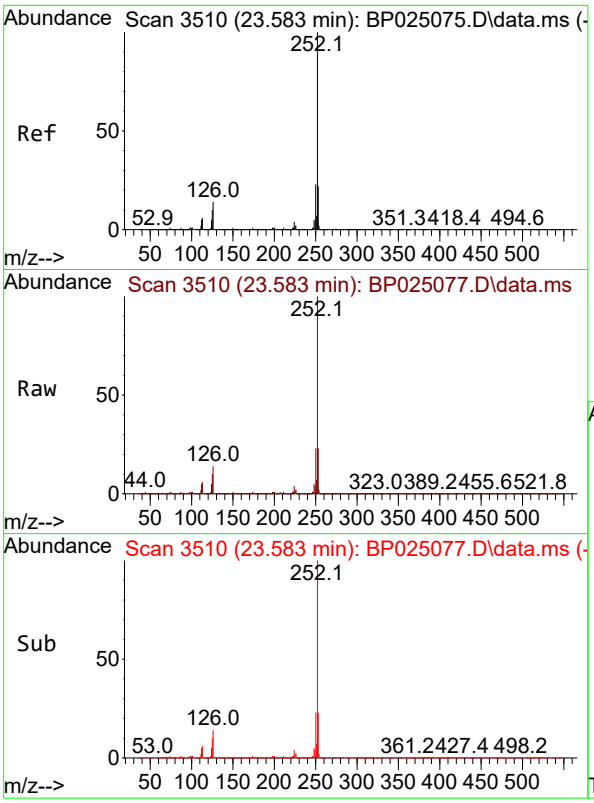


#88
Benzo(b)fluoranthene
Concen: 65.272 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 8800482

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	8.1	12.1

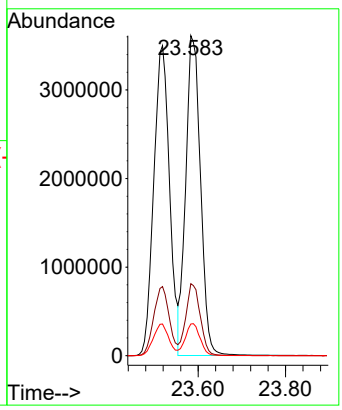




#89
Benzo(k)fluoranthene
Concen: 63.076 ng
RT: 23.583 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 846185

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.9	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations
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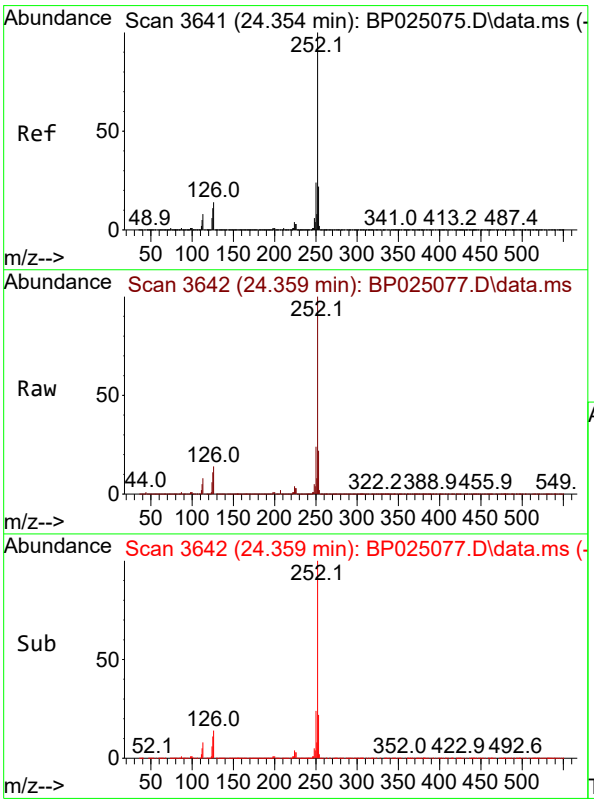
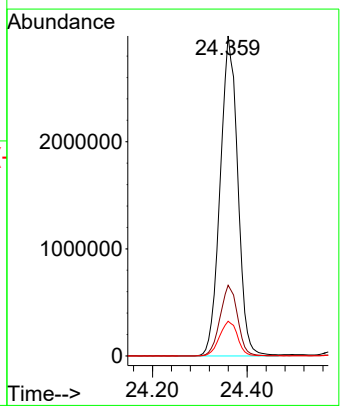
Supervised By :Jagrut Upadhyay 07/07/2025

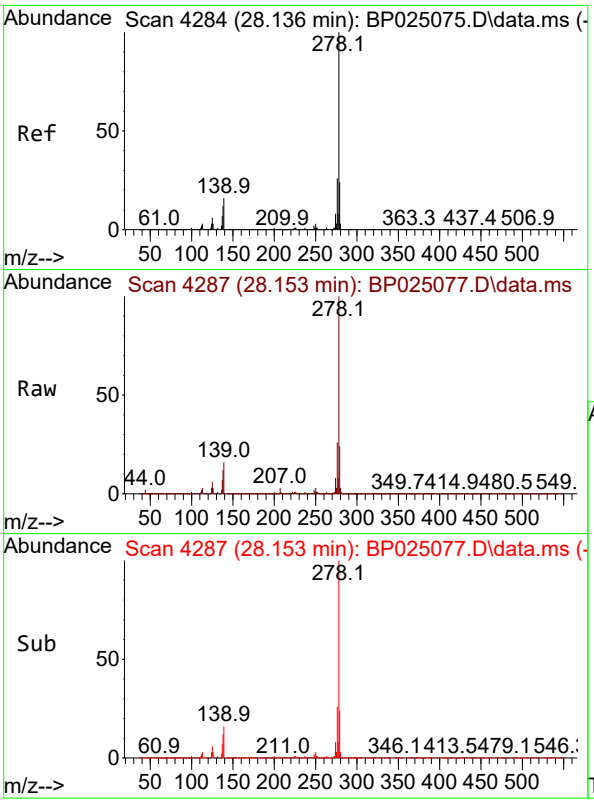


#90
Benzo(a)pyrene
Concen: 67.128 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 7703067

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	9.0	13.4

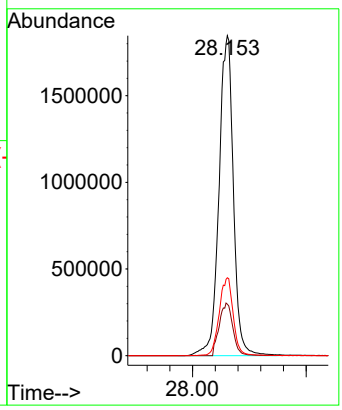




#91
Dibenzo(a,h)anthracene
Concen: 66.770 ng
RT: 28.153 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:278 Resp: 814462

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.3	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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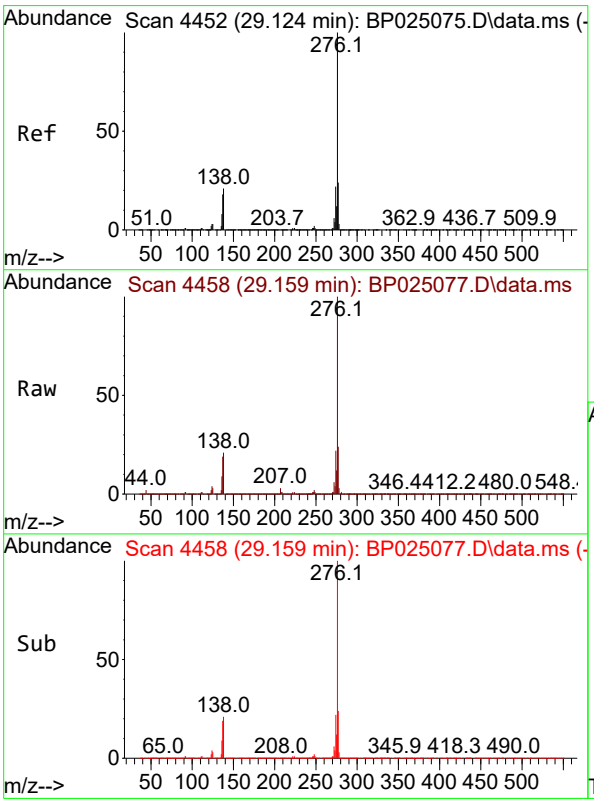
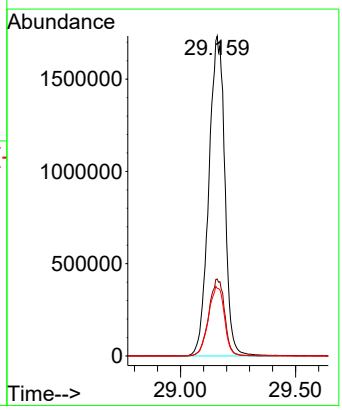
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#92
Benzo(g,h,i)perylene
Concen: 66.020 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 8319243

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.2	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	405609	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1662149	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1084696	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2129464	20.000	ng	0.01
76) Chrysene-d12	21.354	240	2139587	20.000	ng	0.01
86) Perylene-d12	24.483	264	2356318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3655581	159.689	ng	0.00
7) Phenol-d6	6.637	99	4808315	160.956	ng	0.00
23) Nitrobenzene-d5	8.572	82	4100042	164.048	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2161722	168.702	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	10212772	145.859	ng	0.00
79) Terphenyl-d14	19.677	244	13073627	134.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	663607	74.549	ng	100
3) Pyridine	3.490	79	1951300m	80.126	ng	
4) n-Nitrosodimethylamine	3.408	42	811711	78.664	ng	98
6) Aniline	6.796	93	2205608	79.022	ng	99
8) 2-Chlorophenol	7.019	128	2043001	79.765	ng	99
10) Phenol	6.666	94	2423035	79.827	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1808927	77.435	ng	100
12) 1,3-Dichlorobenzene	7.337	146	2200490	76.765	ng	99
13) 1,4-Dichlorobenzene	7.478	146	2228669	76.792	ng	99
14) 1,2-Dichlorobenzene	7.790	146	2114072	75.723	ng	99
15) Benzyl Alcohol	7.684	79	1647105	82.609	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	2295253	75.564	ng	99
17) 2-Methylphenol	7.878	107	1594735	81.561	ng	100
18) Hexachloroethane	8.507	117	750162	79.344	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1414389	79.834	ng	99
20) 3+4-Methylphenols	8.207	107	2223238	81.178	ng	99
22) Acetophenone	8.248	105	2974255	75.663	ng	99
24) Nitrobenzene	8.613	77	2049856	80.522	ng	96
25) Isophorone	9.143	82	3731607	79.894	ng	99
26) 2-Nitrophenol	9.313	139	1054507	82.791	ng	99
27) 2,4-Dimethylphenol	9.390	122	1396982	80.180	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	2467631	77.809	ng	99
29) 2,4-Dichlorophenol	9.848	162	2035842	84.268	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	2084432	77.912	ng	98
31) Naphthalene	10.242	128	6485251	75.773	ng	100
32) Benzoic acid	9.560	122	1535999	87.682	ng	99
33) 4-Chloroaniline	10.348	127	2533698	79.326	ng	99
34) Hexachlorobutadiene	10.542	225	1198440	78.059	ng	99
35) Caprolactam	11.137	113	679020	82.158	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	2102953	83.296	ng	99
37) 2-Methylnaphthalene	11.866	142	4691171	77.683	ng	99
38) 1-Methylnaphthalene	12.089	142	4509252	76.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2462639	78.996	ng	99
41) Hexachlorocyclopentadiene	12.236	237	711159	87.336	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	1646539	87.227	ng	99
44) 2,4,5-Trichlorophenol	12.566	196	1806219	84.432	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.913	154	5987203	75.863	ng		100
47) 2-Chloronaphthalene	12.948	162	4544953	76.620	ng		99
48) 2-Nitroaniline	13.142	65	1186338	79.706	ng		98
49) Acenaphthylene	13.807	152	7027119	77.402	ng		99
50) Dimethylphthalate	13.566	163	5799322	76.378	ng		99
51) 2,6-Dinitrotoluene	13.672	165	1274236	86.048	ng		99
52) Acenaphthene	14.166	154	4454631	76.130	ng		98
53) 3-Nitroaniline	14.001	138	1399587	88.191	ng		99
54) 2,4-Dinitrophenol	14.207	184	592801	81.781	ng		98
55) Dibenzofuran	14.513	168	7178793	74.338	ng		99
56) 4-Nitrophenol	14.325	139	1251984	85.486	ng		98
57) 2,4-Dinitrotoluene	14.478	165	1759928	79.166	ng	#	96
58) Fluorene	15.178	166	5543506	74.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1634442	84.370	ng		98
60) Diethylphthalate	14.978	149	5891551	77.254	ng		99
61) 4-Chlorophenyl-phenyle...	15.183	204	2717790	73.523	ng		99
62) 4-Nitroaniline	15.195	138	1404085	84.376	ng		99
63) Azobenzene	15.489	77	5079474	74.798	ng		97
65) 4,6-Dinitro-2-methylph...	15.254	198	836918	81.907	ng		97
66) n-Nitrosodiphenylamine	15.401	169	4815876	79.024	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1812737	83.140	ng		96
68) Hexachlorobenzene	16.207	284	2122928	79.660	ng		97
69) Atrazine	16.389	200	1312003	73.469	ng		100
70) Pentachlorophenol	16.566	266	1571184	87.298	ng		98
71) Phenanthrene	16.966	178	8609082	75.660	ng		99
72) Anthracene	17.048	178	8269798	75.756	ng		99
73) Carbazole	17.336	167	8311609	77.872	ng		99
74) Di-n-butylphthalate	17.966	149	9814307	82.572	ng		99
75) Fluoranthene	19.066	202	10352176	77.833	ng		98
77) Benzidine	19.266	184	2653175	70.212	ng		100
78) Pyrene	19.448	202	10597728	79.970	ng		99
80) Butylbenzylphthalate	20.436	149	4268020	80.862	ng		99
81) Benzo(a)anthracene	21.336	228	10175638	78.478	ng		99
82) 3,3'-Dichlorobenzidine	21.271	252	3397776	87.049	ng		99
83) Chrysene	21.407	228	9566614	76.668	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6160265	88.574	ng		98
85) Di-n-octyl phthalate	22.559	149	10681173	79.212	ng		99
87) Indeno(1,2,3-cd)pyrene	28.047	276	12878282m	85.771	ng		
88) Benzo(b)fluoranthene	23.518	252	11185819	81.559	ng		99
89) Benzo(k)fluoranthene	23.583	252	10678946	78.255	ng		99
90) Benzo(a)pyrene	24.354	252	9800149	83.957	ng		99
91) Dibenzo(a,h)anthracene	28.147	278	10538537	84.932	ng		99
92) Benzo(g,h,i)perylene	29.147	276	10759787	83.943	ng		100

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

ICAL Form

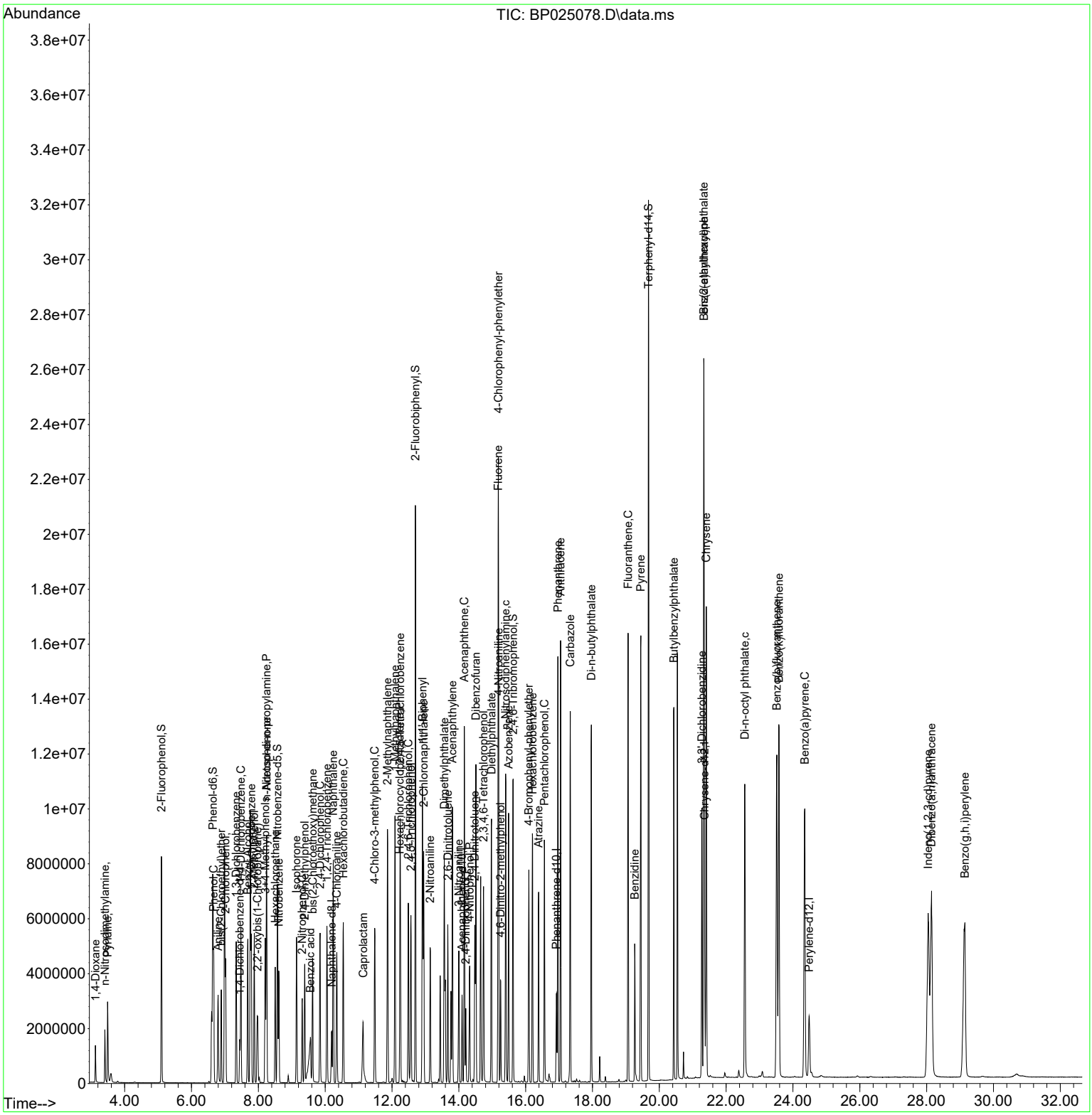
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

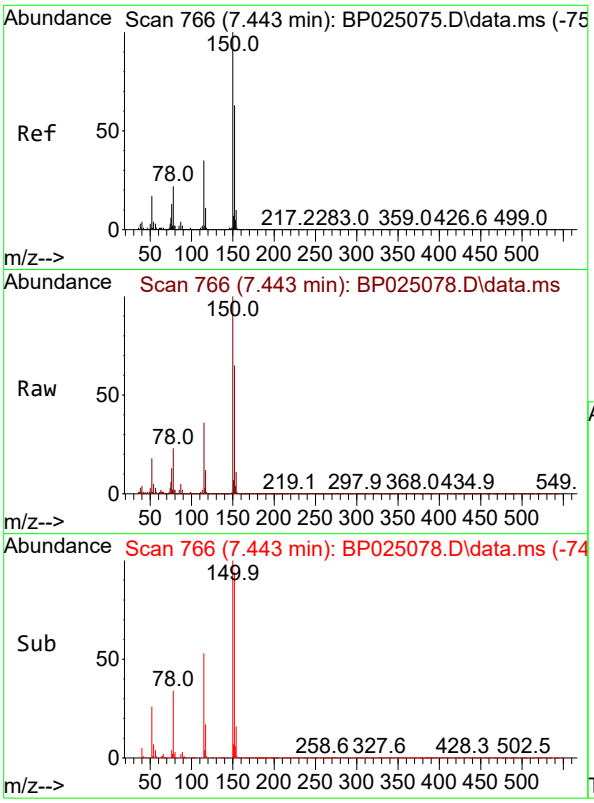
Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

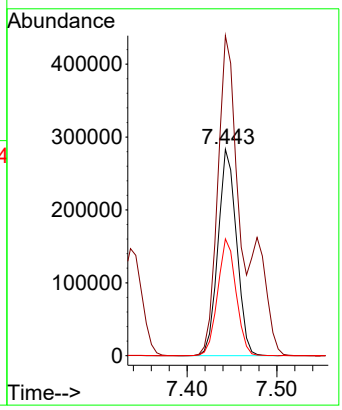




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 40560

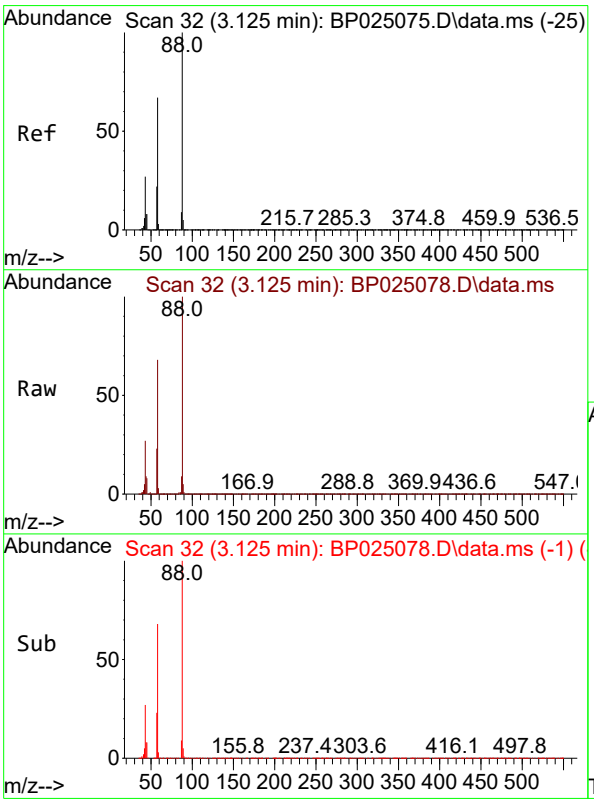
Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.1	189.1
115	56.6	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

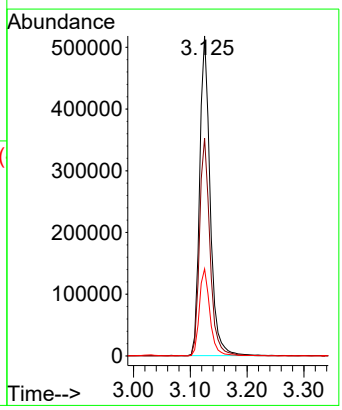
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

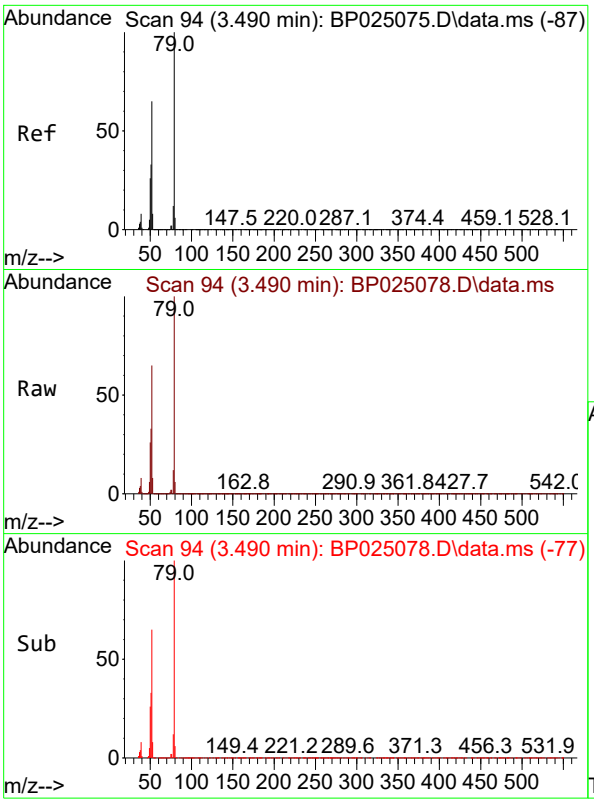


#2
1,4-Dioxane
Concen: 74.549 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 88 Resp: 663607

Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.0	82.4
43	27.4	21.9	32.9

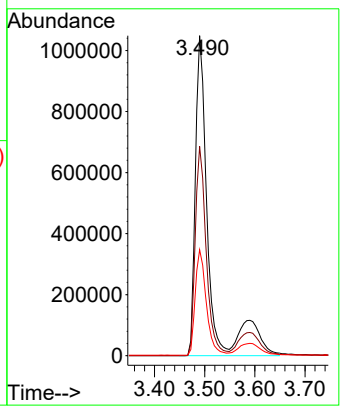




#3
Pyridine
Concen: 80.126 ng m
RT: 3.490 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 195130

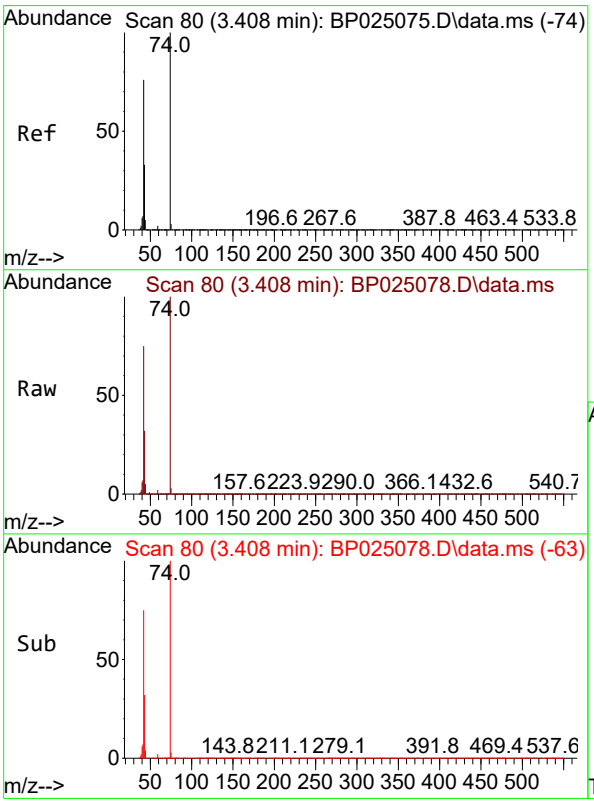
Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.2	78.4
51	33.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

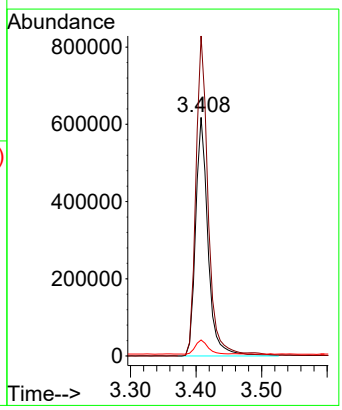
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

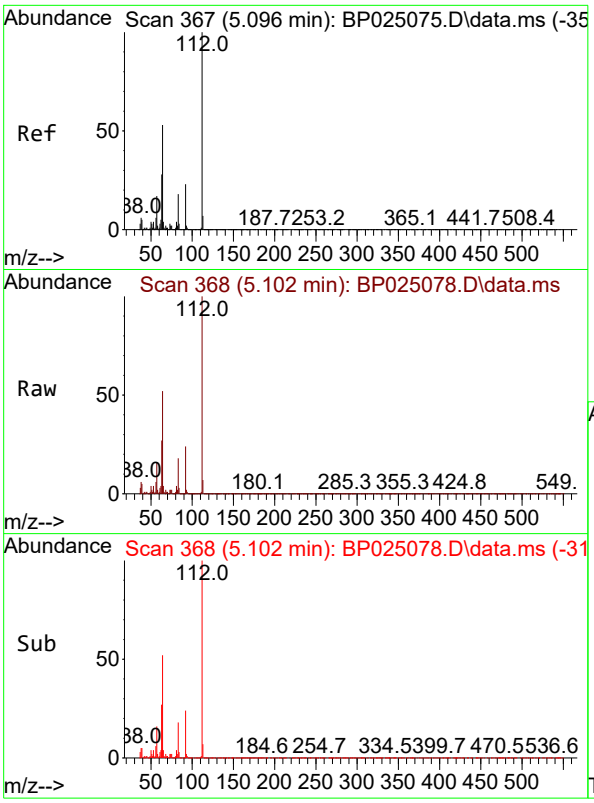


#4
n-Nitrosodimethylamine
Concen: 78.664 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 42 Resp: 811711

Ion	Ratio	Lower	Upper
42	100		
74	134.1	105.2	157.8
44	6.7	6.6	9.8

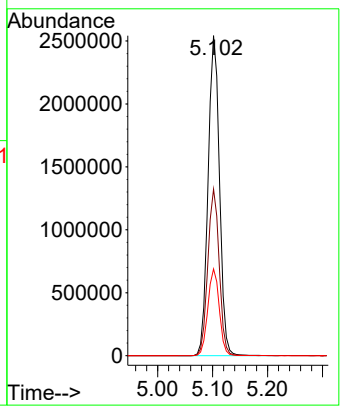




#5
2-Fluorophenol
Concen: 159.689 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:112 Resp: 365558

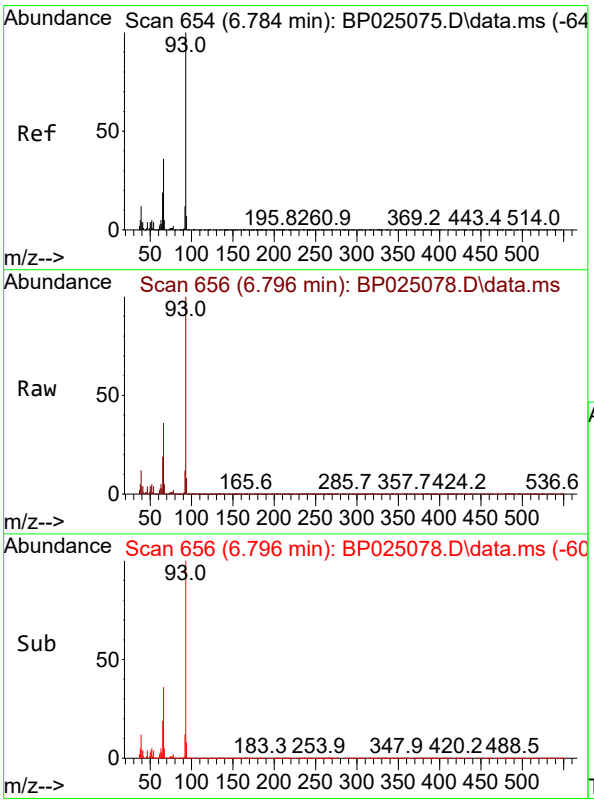
Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.0	63.0
63	27.1	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

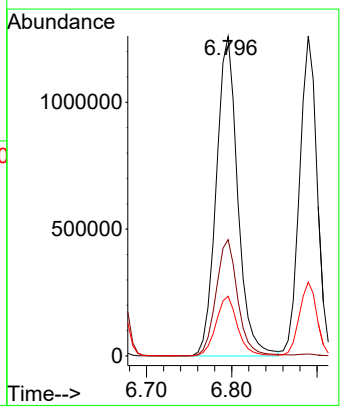
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

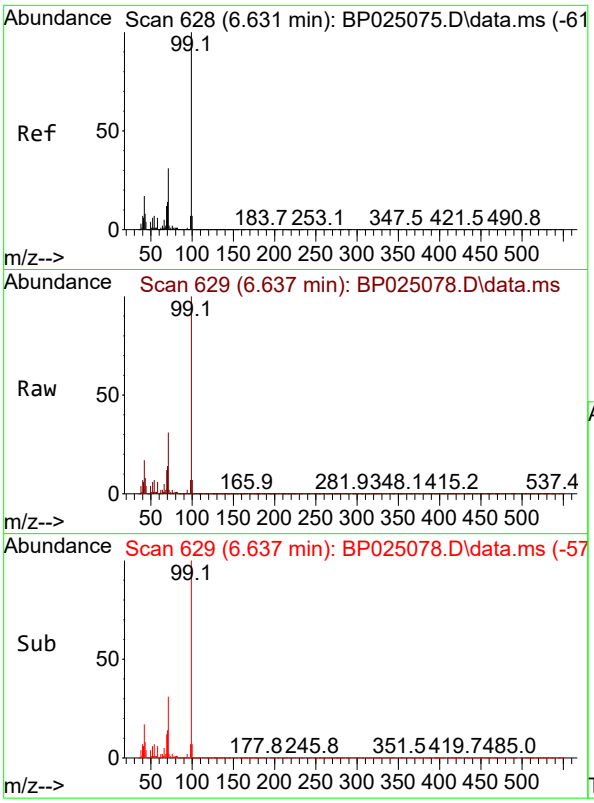


#6
Aniline
Concen: 79.022 ng
RT: 6.796 min Scan# 656
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 2205608

Ion	Ratio	Lower	Upper
93	100		
66	36.4	28.9	43.3
65	18.7	15.2	22.8

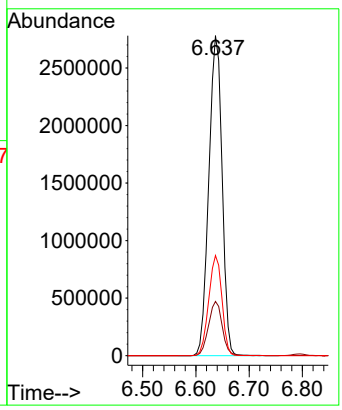




#7
Phenol-d6
Concen: 160.956 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 99 Resp: 480831

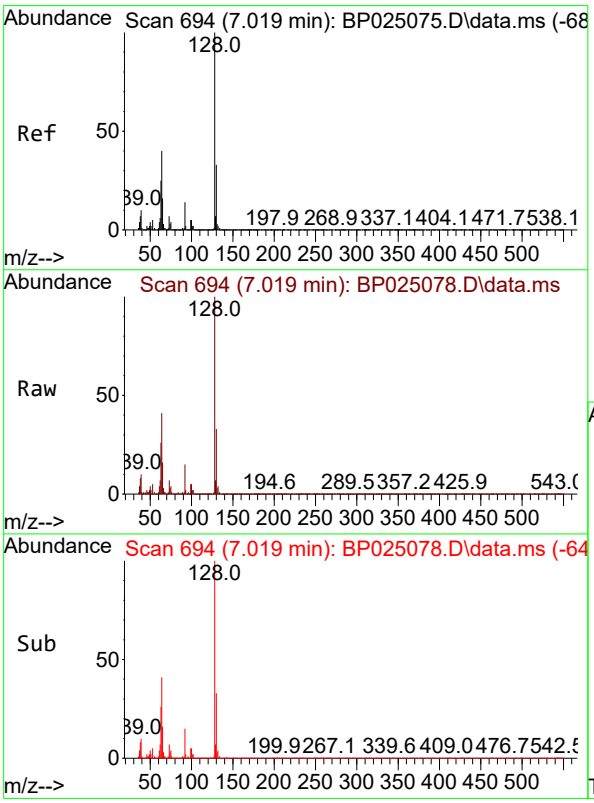
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

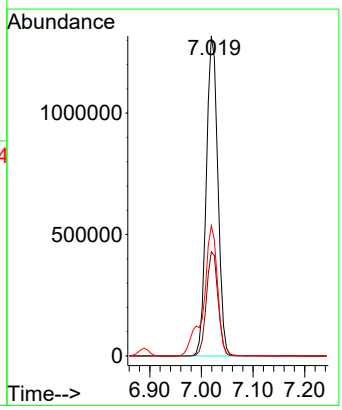
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

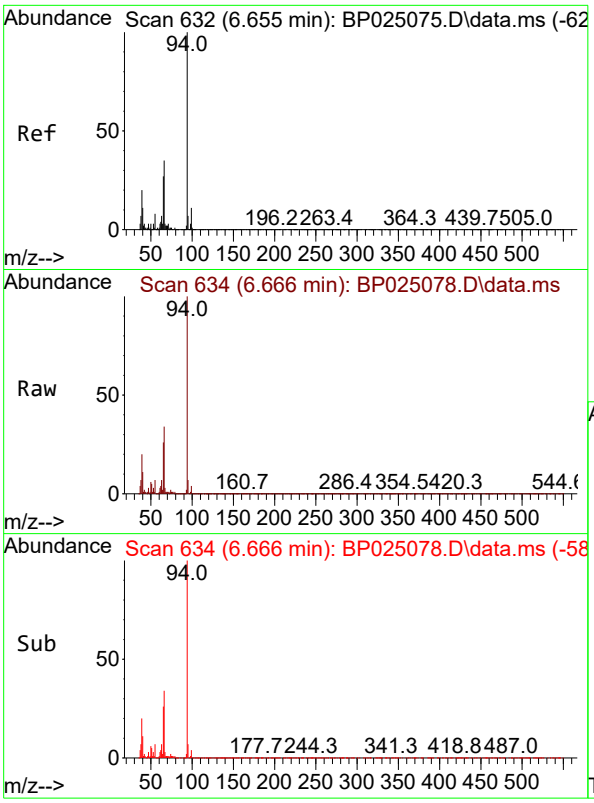


#8
2-Chlorophenol
Concen: 79.765 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 2043001

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	40.7	20.3	60.3

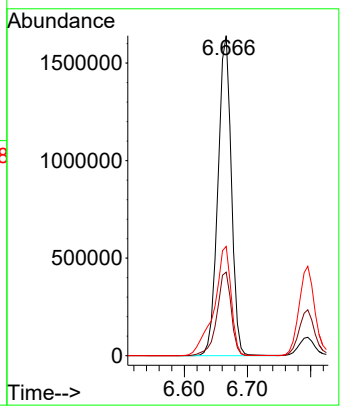




#10
Phenol
Concen: 79.827 ng
RT: 6.666 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 94 Resp: 242303

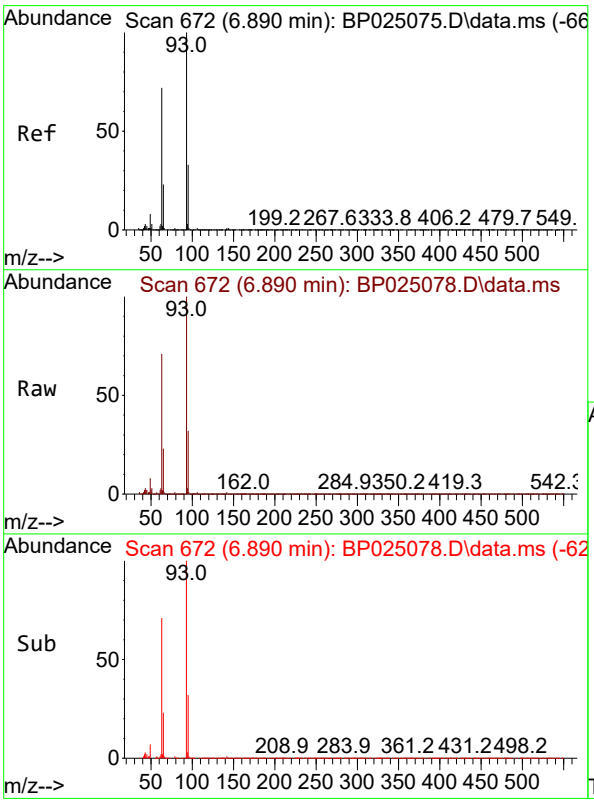
Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	34.1	14.6	54.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

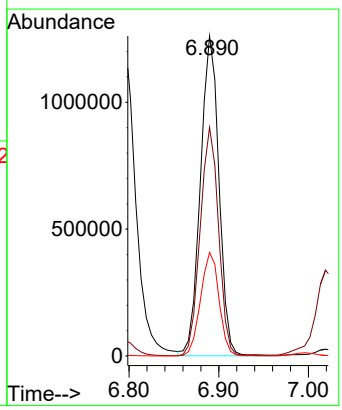
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

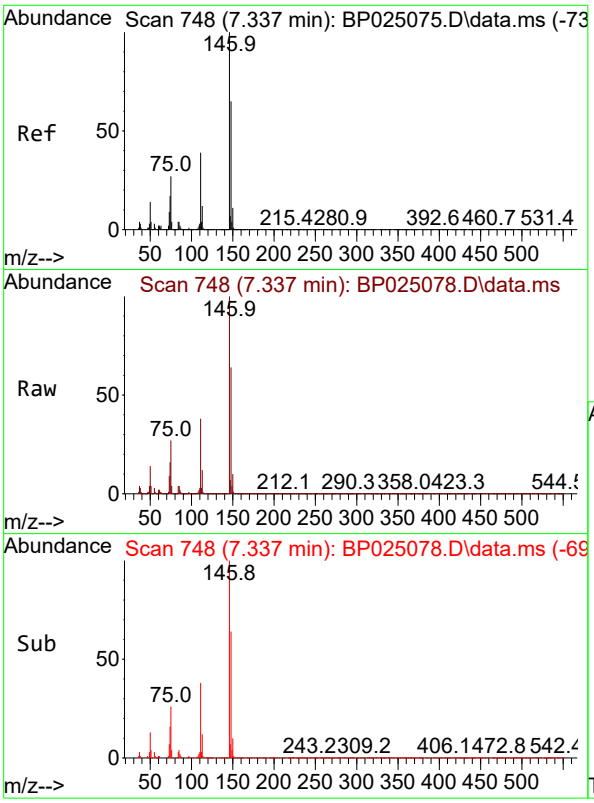


#11
bis(2-Chloroethyl)ether
Concen: 77.435 ng
RT: 6.890 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 1808927

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.9	91.9
95	32.4	12.4	52.4

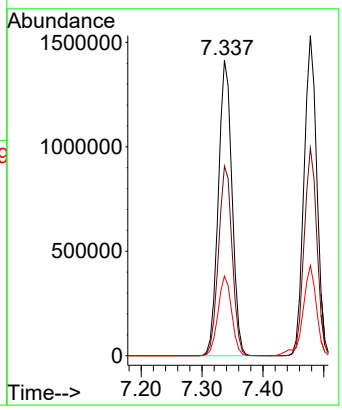




#12
1,3-Dichlorobenzene
Concen: 76.765 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 220049

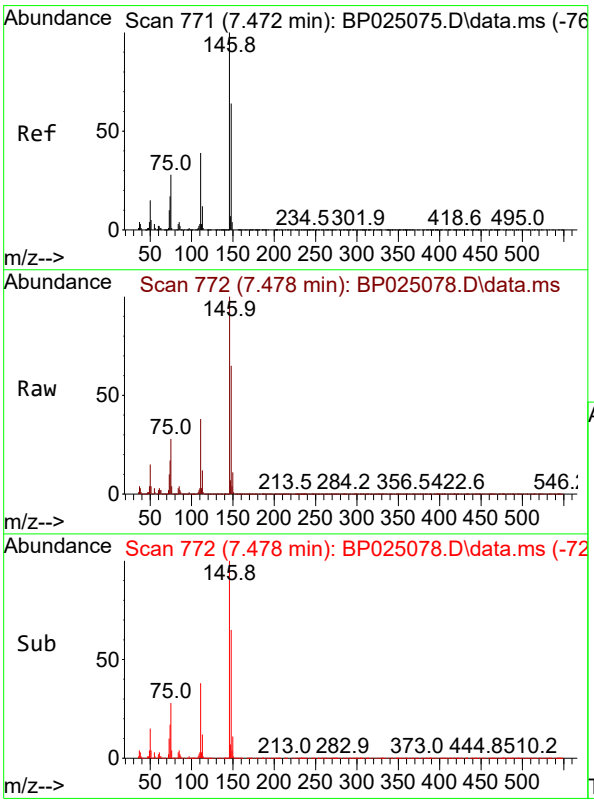
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	26.9	21.8	32.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

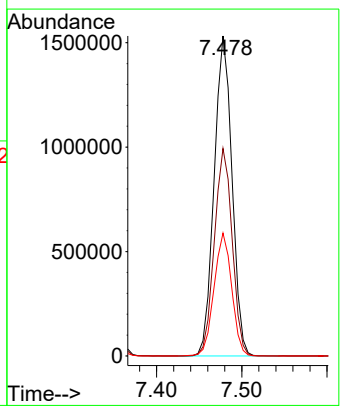
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

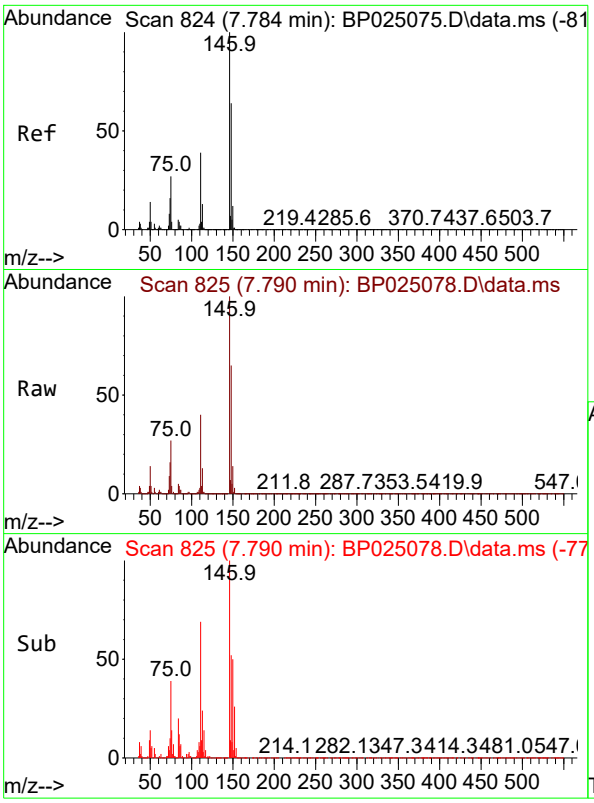


#13
1,4-Dichlorobenzene
Concen: 76.792 ng
RT: 7.478 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 2228669

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	38.4	31.2	46.8





#14
1,2-Dichlorobenzene
Concen: 75.723 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 211407

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	40.3	31.2	46.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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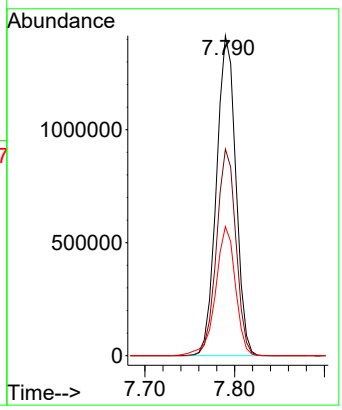
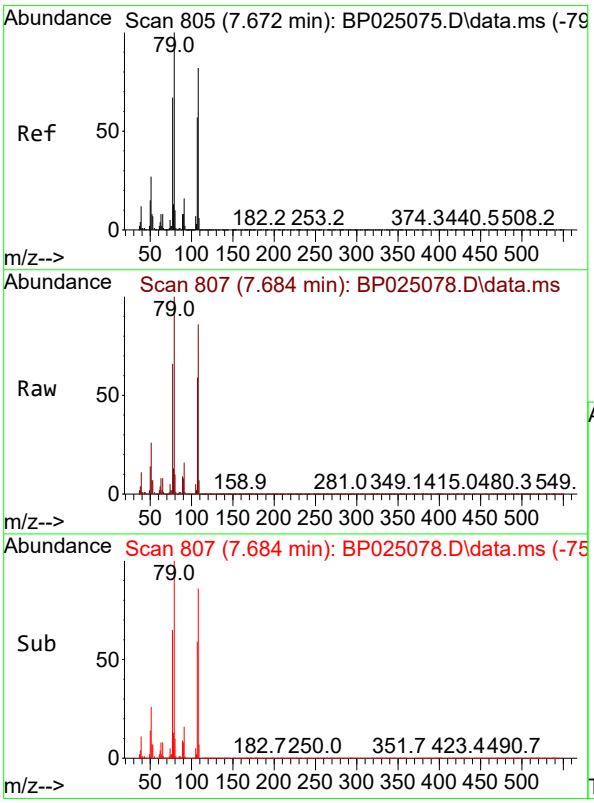
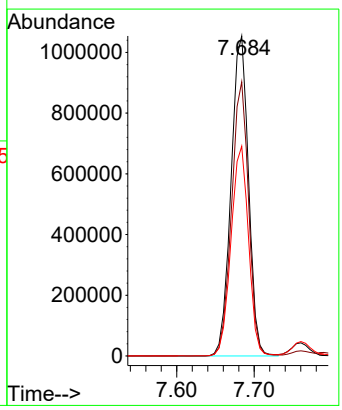


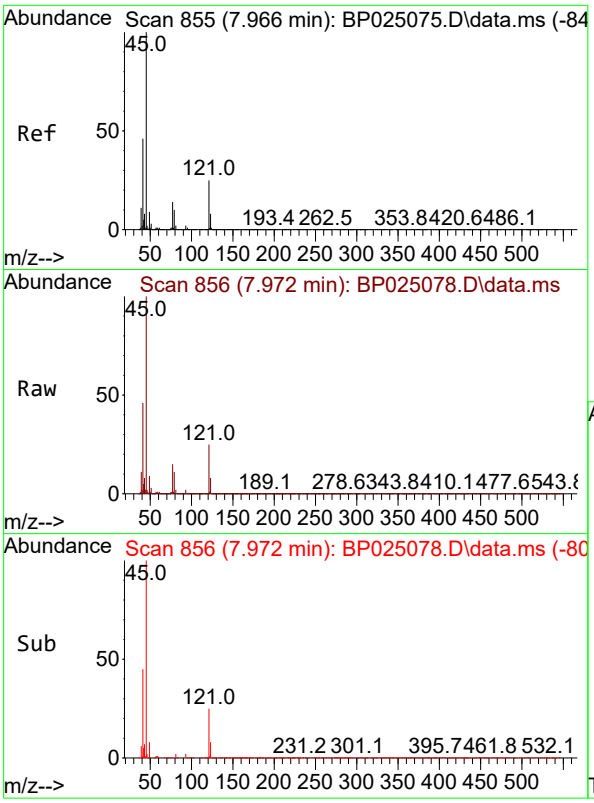


#15
Benzyl Alcohol
Concen: 82.609 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 1647105

Ion	Ratio	Lower	Upper
79	100		
108	85.6	66.0	99.0
77	65.5	53.4	80.2

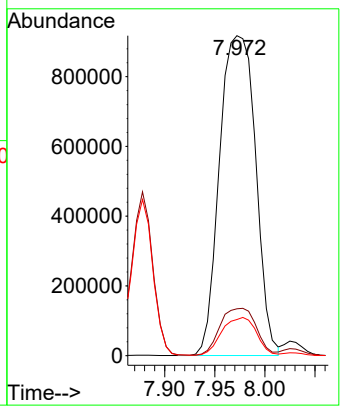




#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.564 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 45 Resp: 229525

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.8
79	11.3	0.0	30.7



Instrument :
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ClientSampleId :
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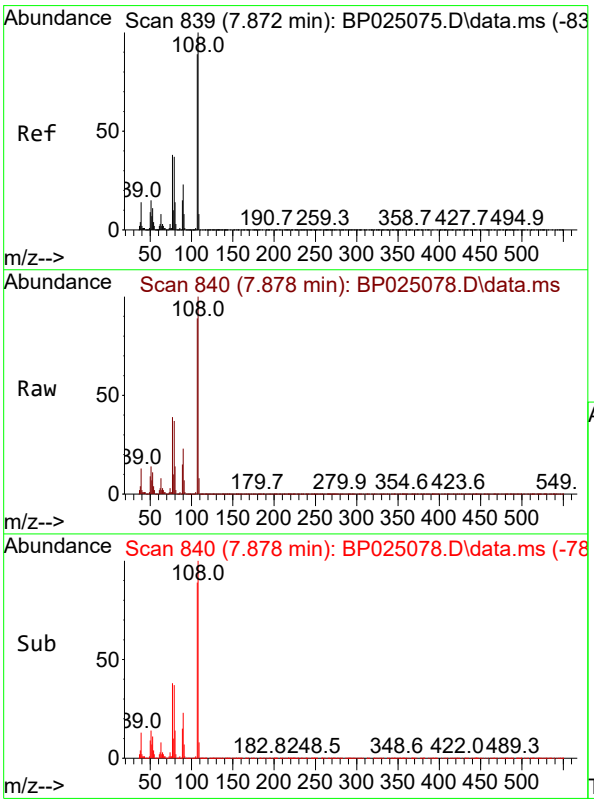
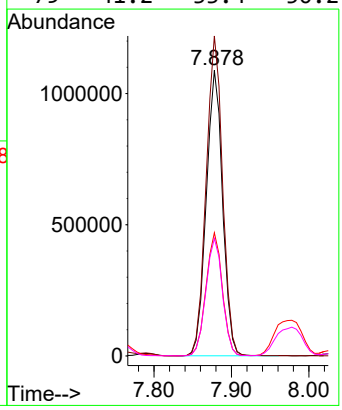
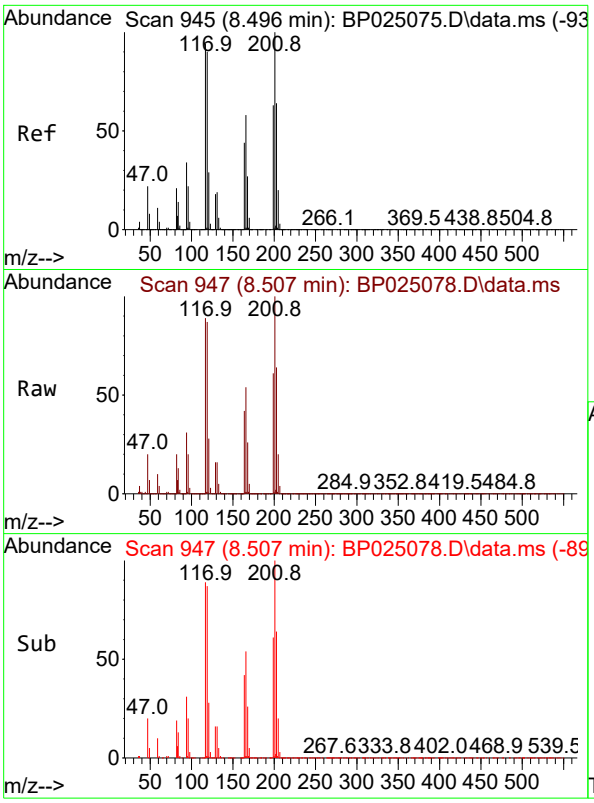


#17
2-Methylphenol
Concen: 81.561 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 1594735

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	43.2	34.2	51.4
79	41.2	33.4	50.2

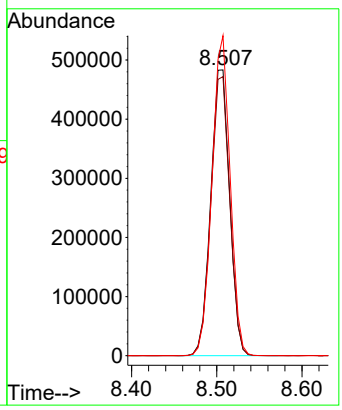




#18
Hexachloroethane
Concen: 79.344 ng
RT: 8.507 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:117 Resp: 75016

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
201	112.0	85.4	128.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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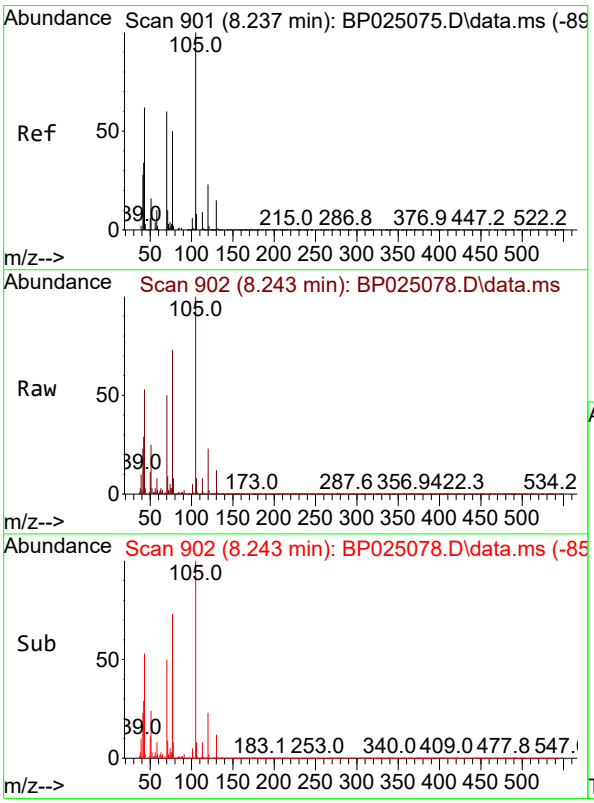
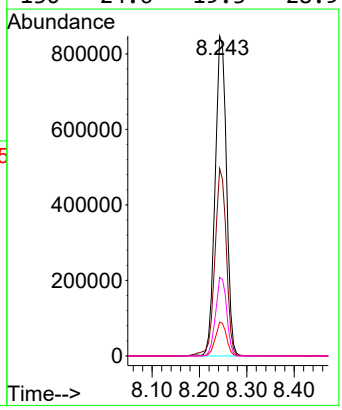
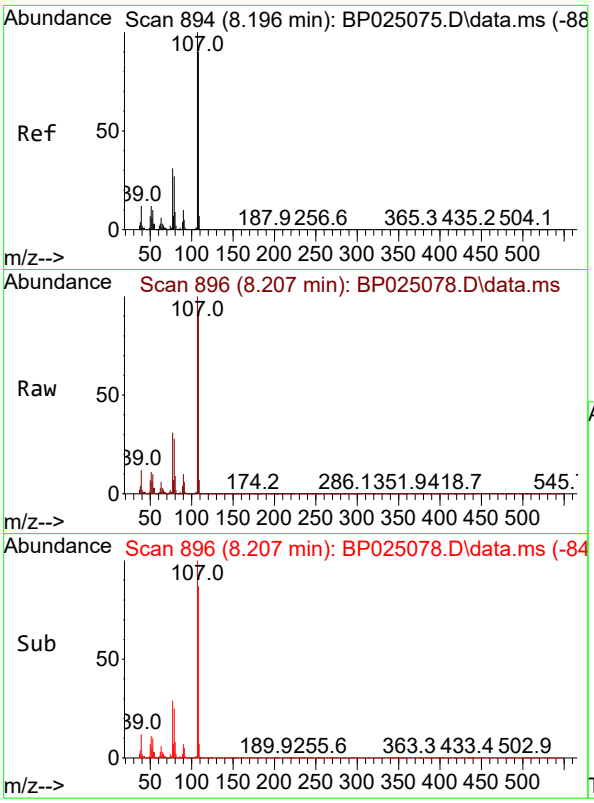


#19
n-Nitroso-di-n-propylamine
Concen: 79.834 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 70 Resp: 1414389

Ion	Ratio	Lower	Upper
70	100		
42	58.6	46.5	69.7
101	10.6	7.9	11.9
130	24.6	19.3	28.9

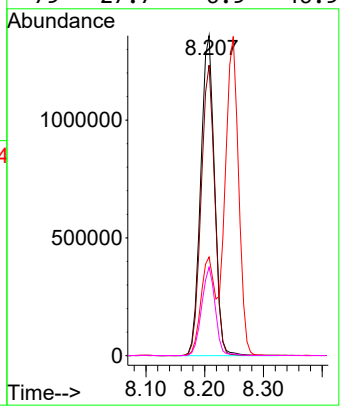




#20
3+4-Methylphenols
Concen: 81.178 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 222323

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.5	109.5
77	30.9	11.4	51.4
79	27.7	6.9	46.9



Instrument :
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ClientSampleId :
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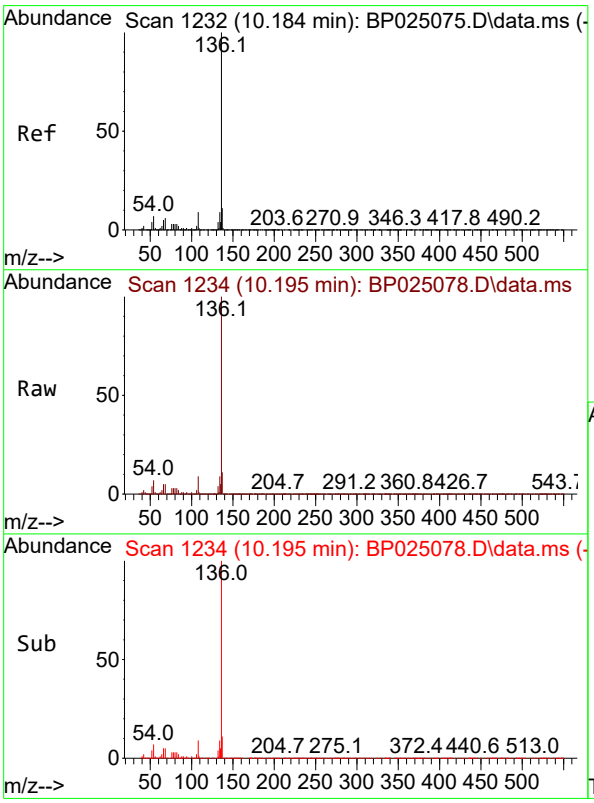
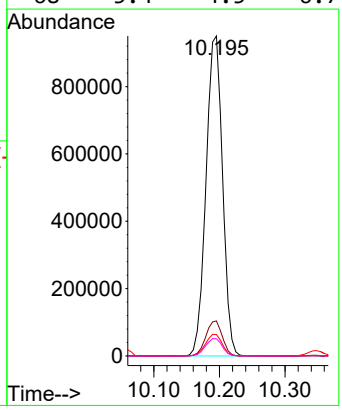
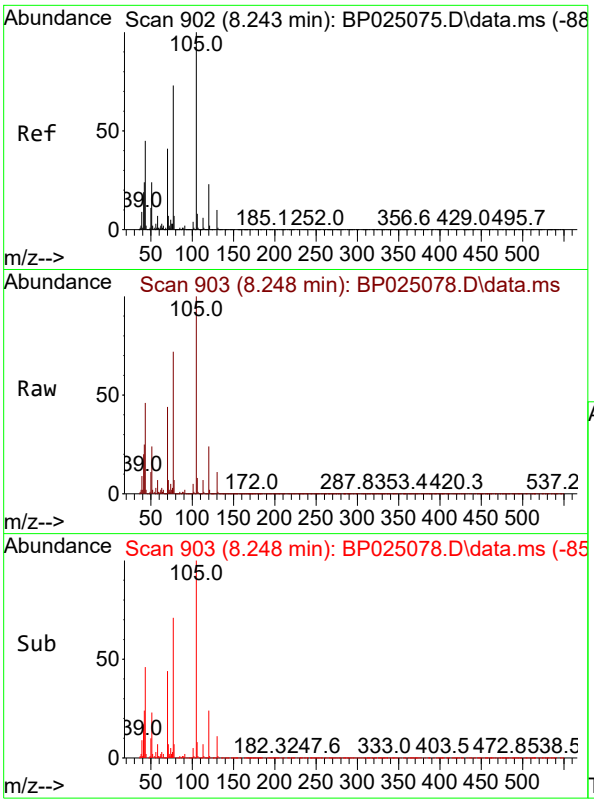


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:136 Resp: 1662149

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.5	6.7

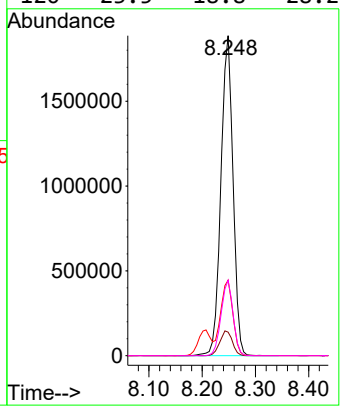




#22
Acetophenone
Concen: 75.663 ng
RT: 8.248 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:105 Resp: 297425

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.6	19.6	29.4
120	23.5	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
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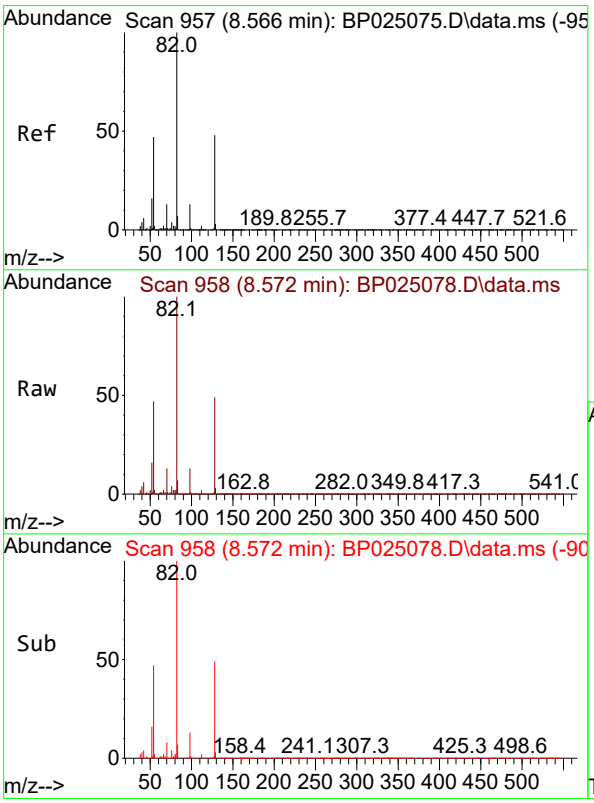
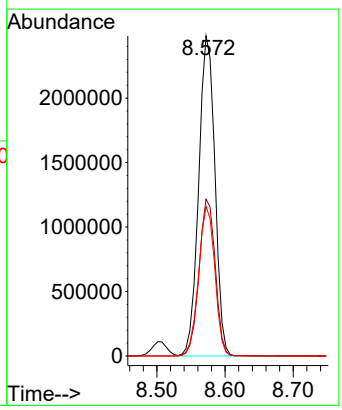
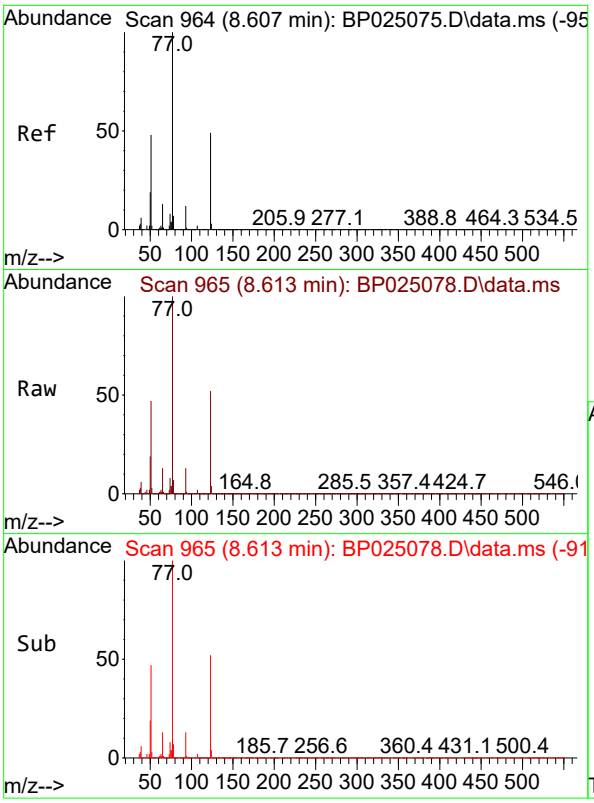


#23
Nitrobenzene-d5
Concen: 164.048 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 4100042

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.7	37.8	56.6





#24
Nitrobenzene
Concen: 80.522 ng
RT: 8.613 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 204985

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.0	58.6
65	13.0	10.7	16.1

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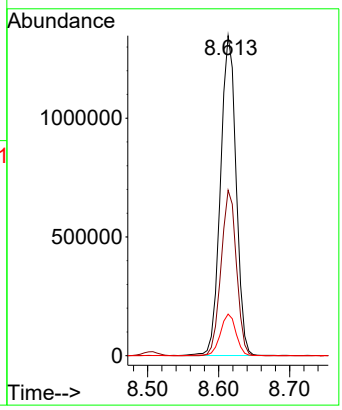
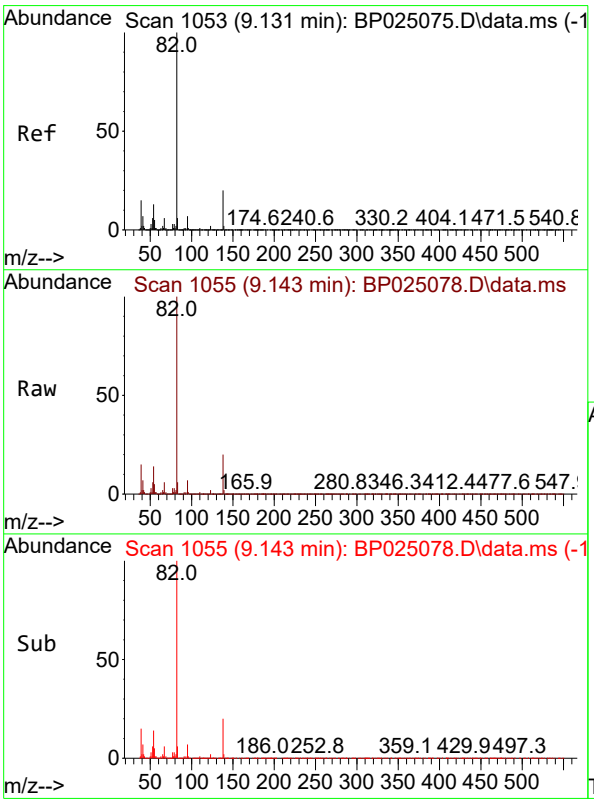
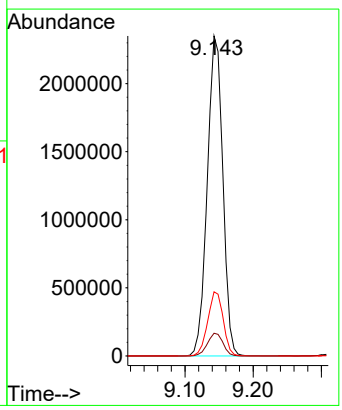


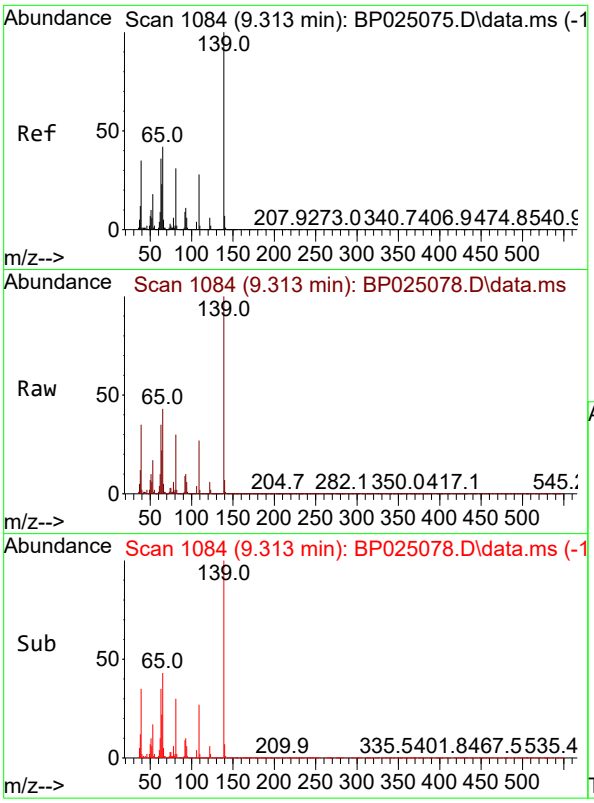


#25
Isophorone
Concen: 79.894 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 3731607

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.0	15.7	23.5

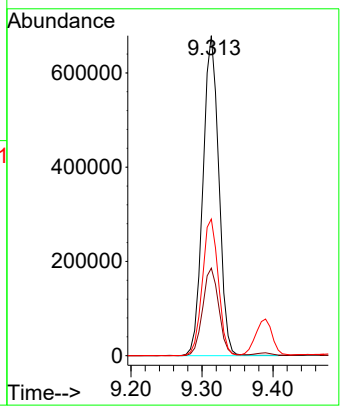




#26
2-Nitrophenol
Concen: 82.791 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:139 Resp: 105450

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.3	33.5
65	42.7	33.8	50.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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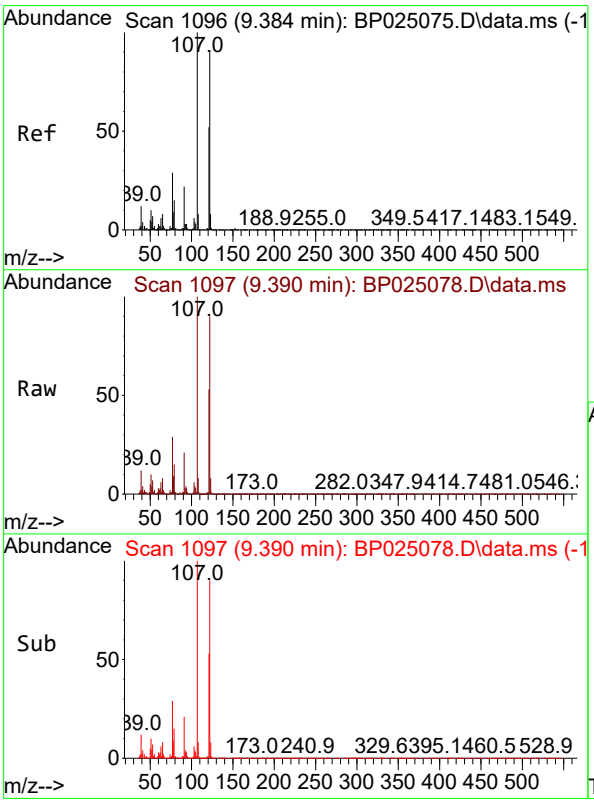
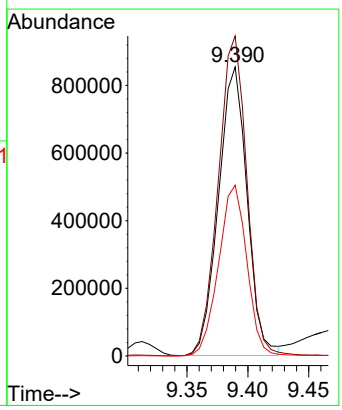
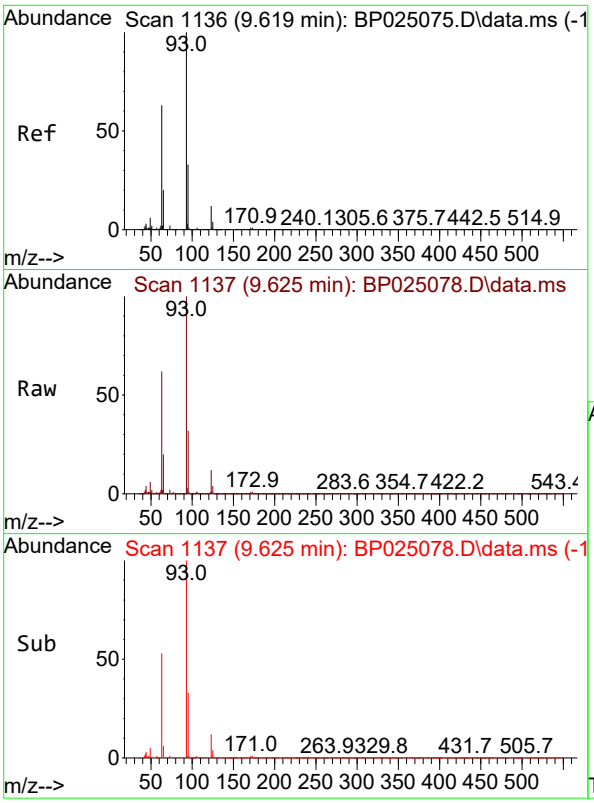


#27
2,4-Dimethylphenol
Concen: 80.180 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 1396982

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.2	132.2
121	59.1	46.1	69.1

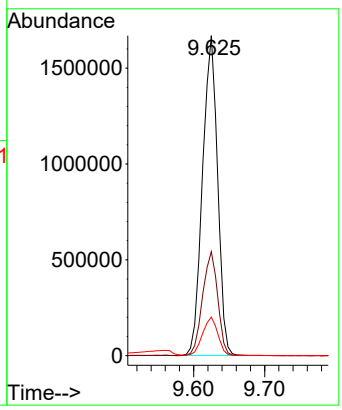




#28
bis(2-Chloroethoxy)methane
Concen: 77.809 ng
RT: 9.625 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 246763

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.1	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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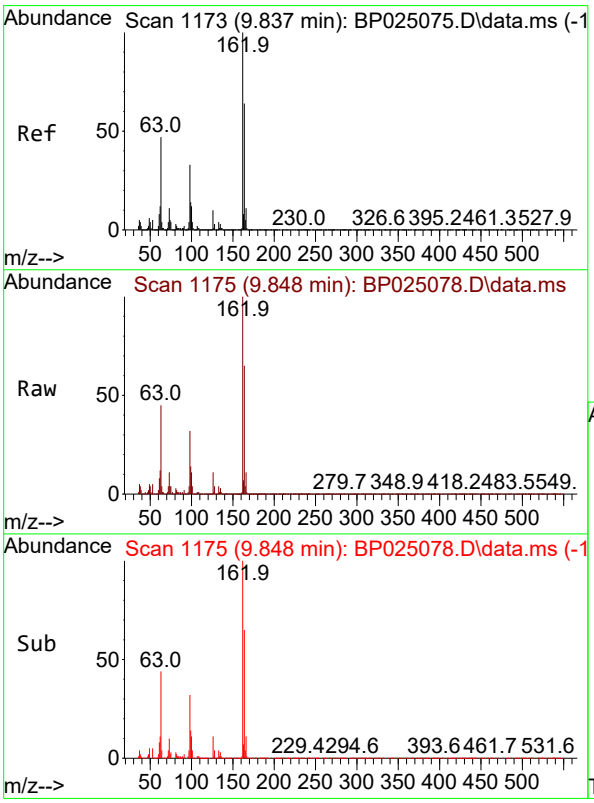
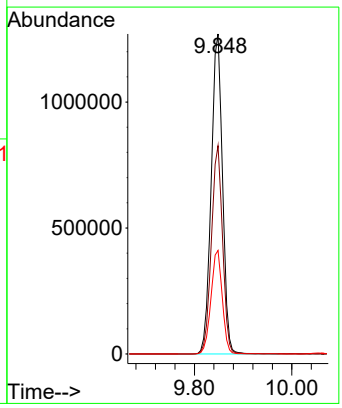
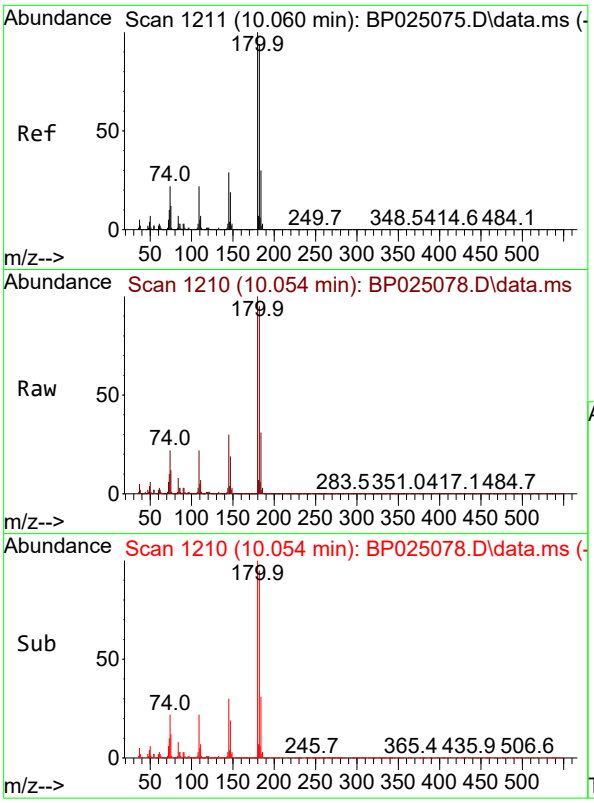


#29
2,4-Dichlorophenol
Concen: 84.268 ng
RT: 9.848 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 2035842

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.4	13.1	53.1

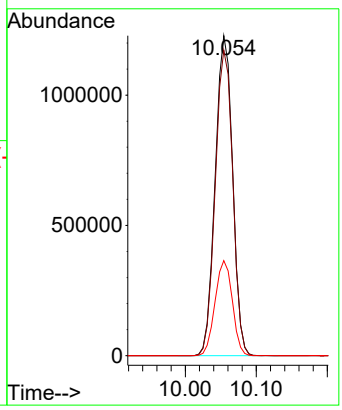




#30
1,2,4-Trichlorobenzene
Concen: 77.912 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:180 Resp: 208443

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	29.7	23.3	34.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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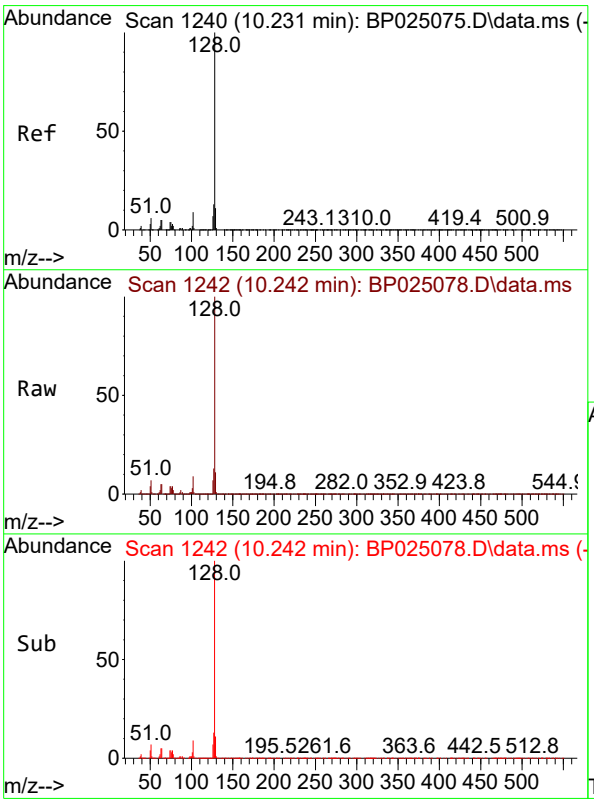
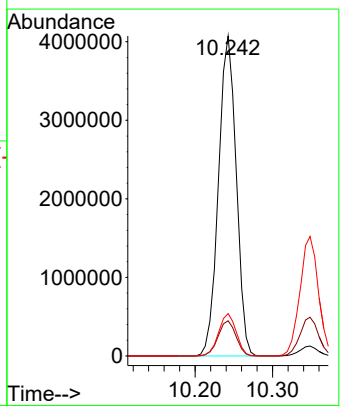
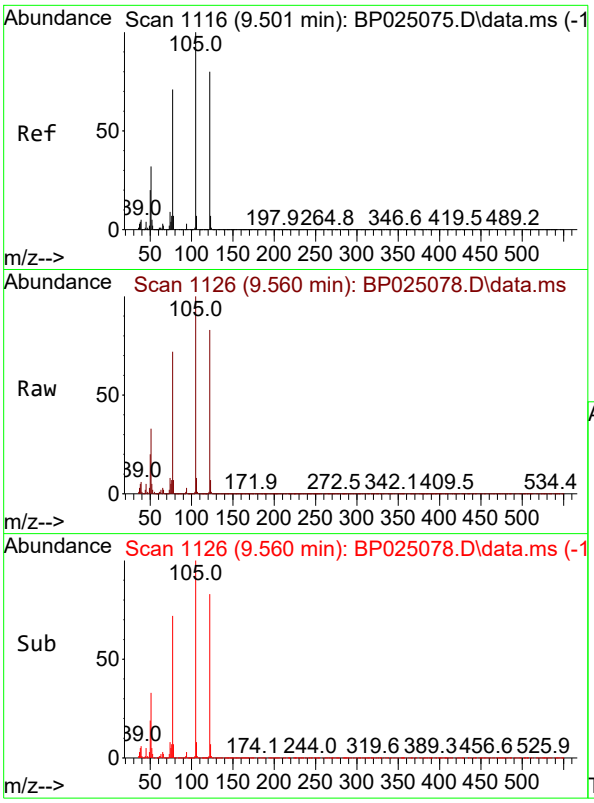


#31
Naphthalene
Concen: 75.773 ng
RT: 10.242 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 6485251

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.4	15.6

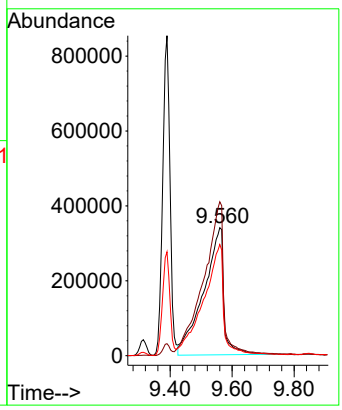




#32
Benzoic acid
Concen: 87.682 ng
RT: 9.560 min Scan# 1
Delta R.T. 0.059 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 153599

Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.0	141.0
77	86.8	67.6	107.6



Instrument :
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ClientSampleId :
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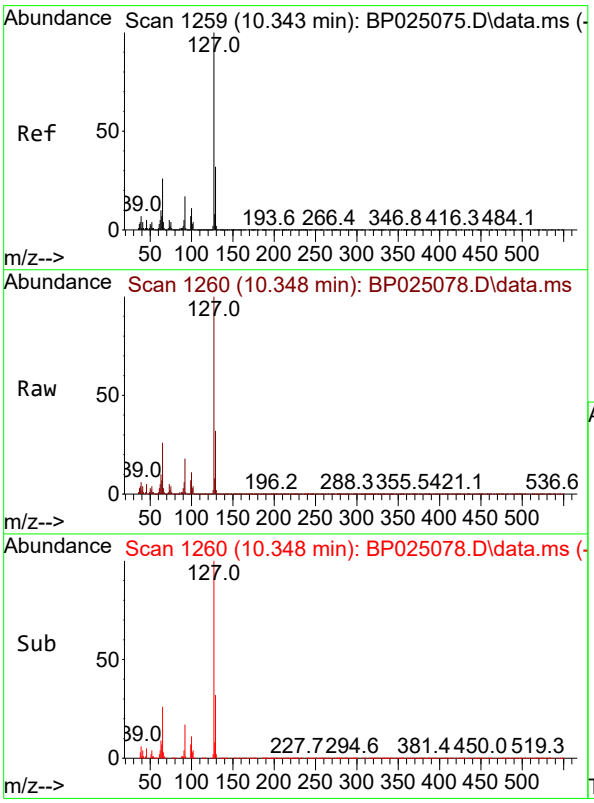
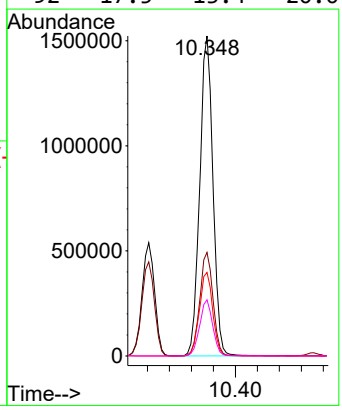
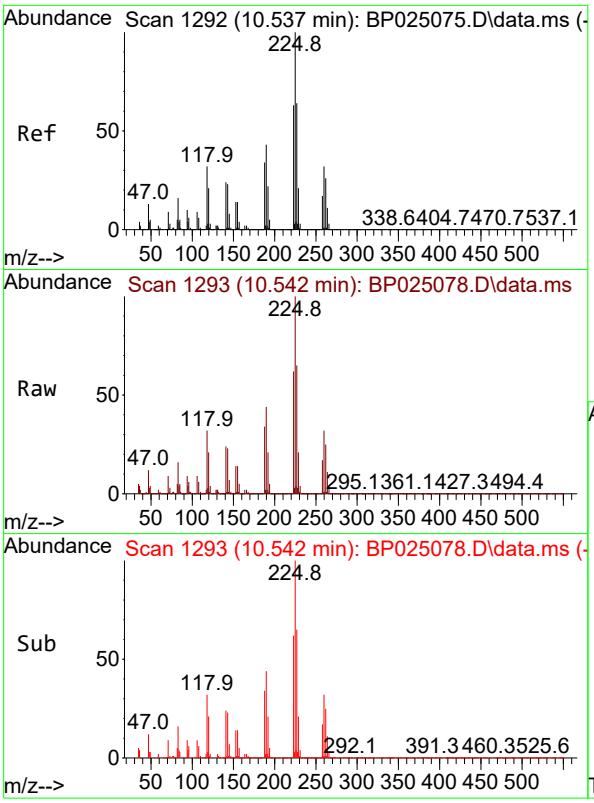


#33
4-Chloroaniline
Concen: 79.326 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:127 Resp: 2533698

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	26.1	21.0	31.6
92	17.5	13.4	20.0

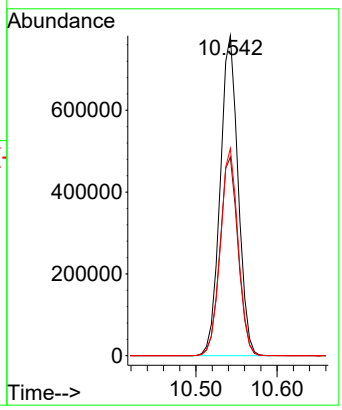




#34
Hexachlorobutadiene
Concen: 78.059 ng
RT: 10.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:225 Resp: 119844

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.3	76.9



Instrument :
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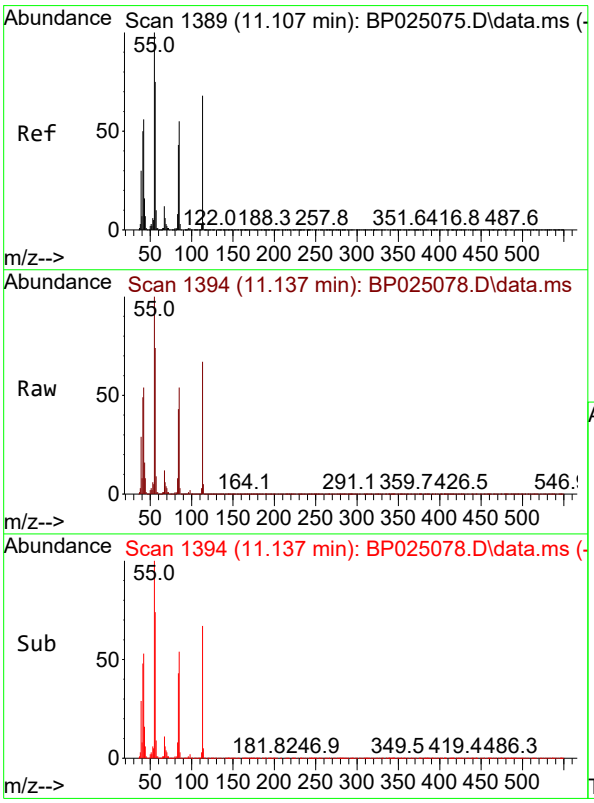
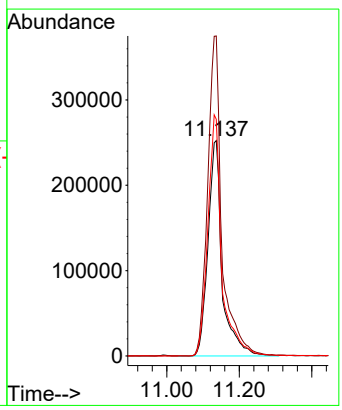
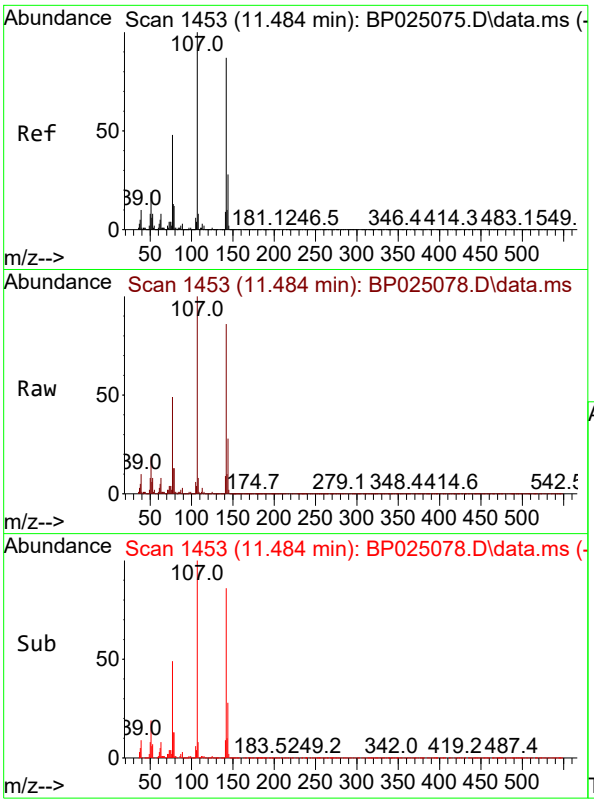


#35
Caprolactam
Concen: 82.158 ng
RT: 11.137 min Scan# 1394
Delta R.T. 0.029 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:113 Resp: 679020

Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	109.9	90.7	130.7

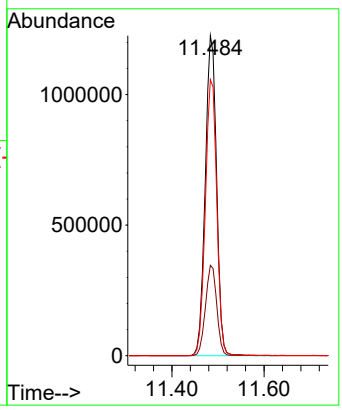




#36
4-Chloro-3-methylphenol
Concen: 83.296 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 210295

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	86.3	69.6	104.4



Instrument :
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ClientSampleId :
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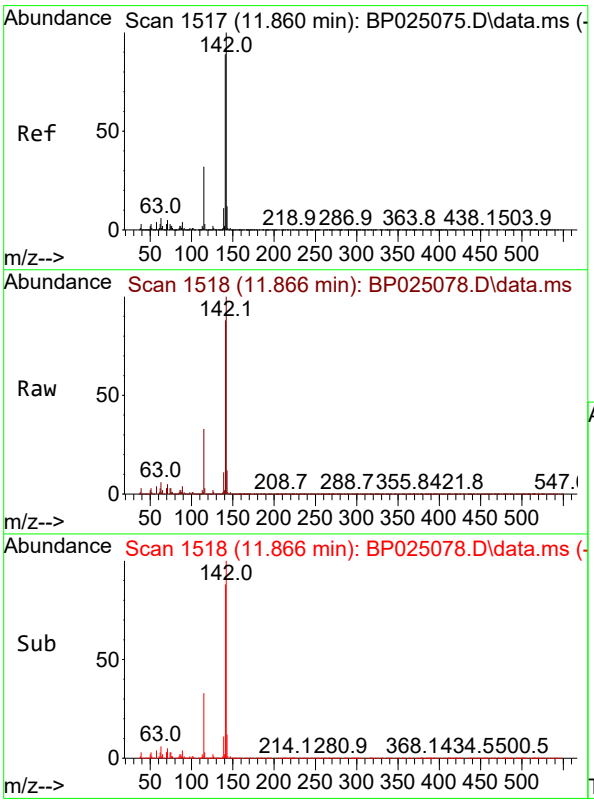
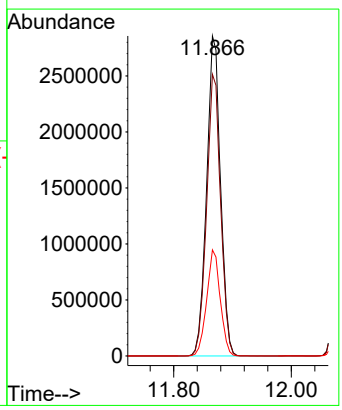
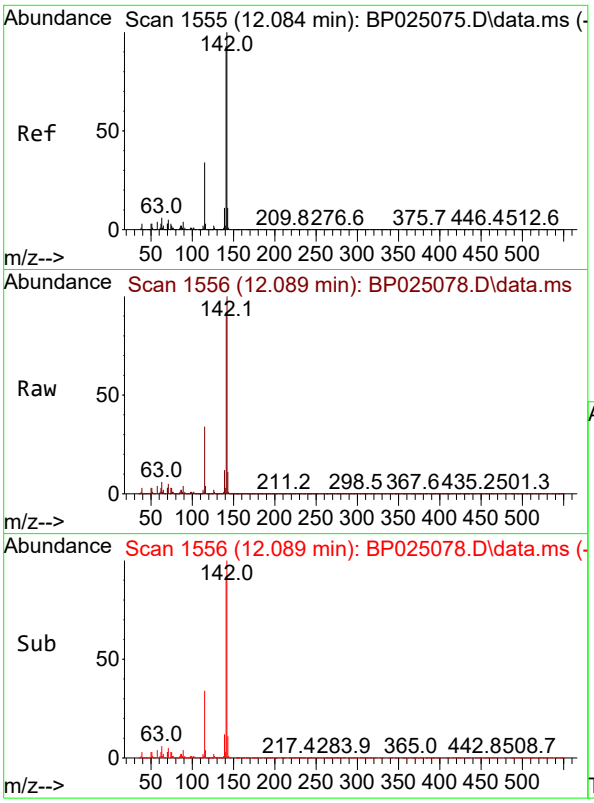


#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 4691171

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8
115	33.1	25.9	38.9

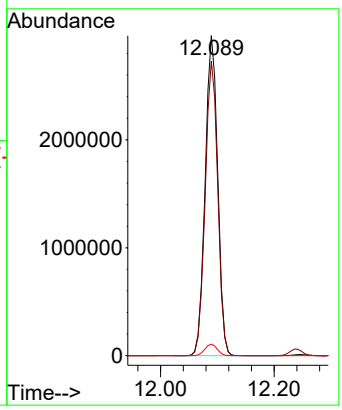




#38
1-Methylnaphthalene
Concen: 76.564 ng
RT: 12.089 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 450925

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.1	111.1
116	3.6	2.7	4.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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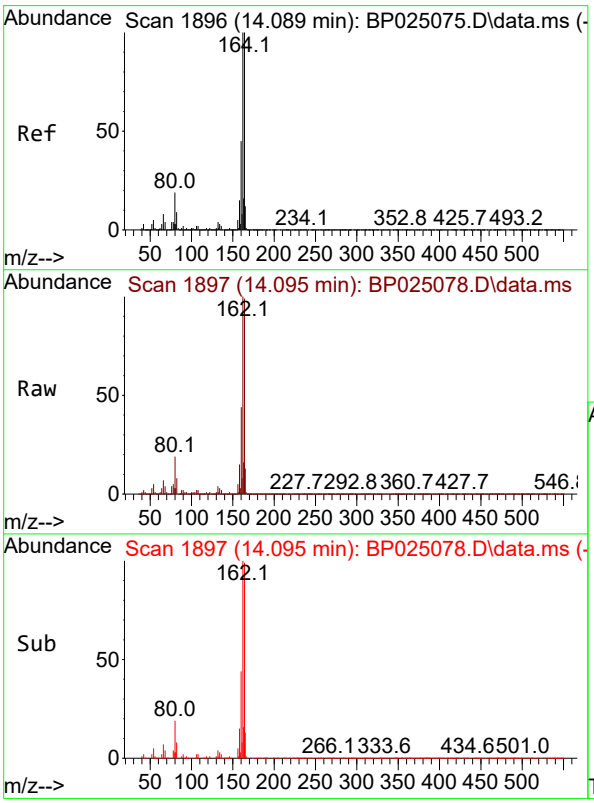
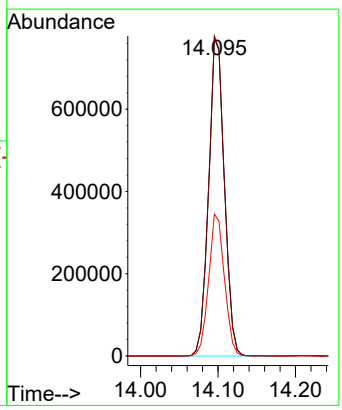
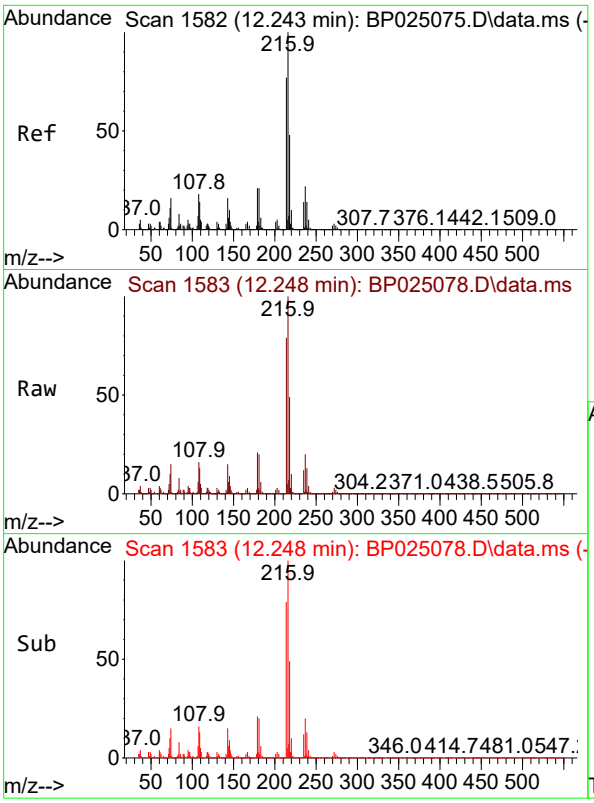


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:164 Resp: 1084696

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.6	35.9	53.9

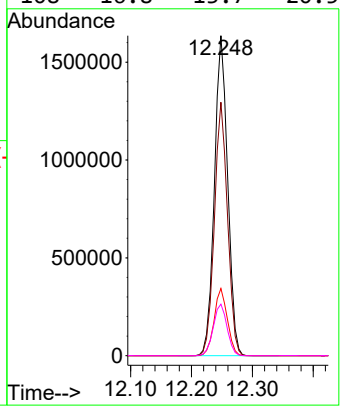




#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.996 ng
RT: 12.248 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:216 Resp: 246263

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	20.9	16.5	24.7
108	16.8	13.7	20.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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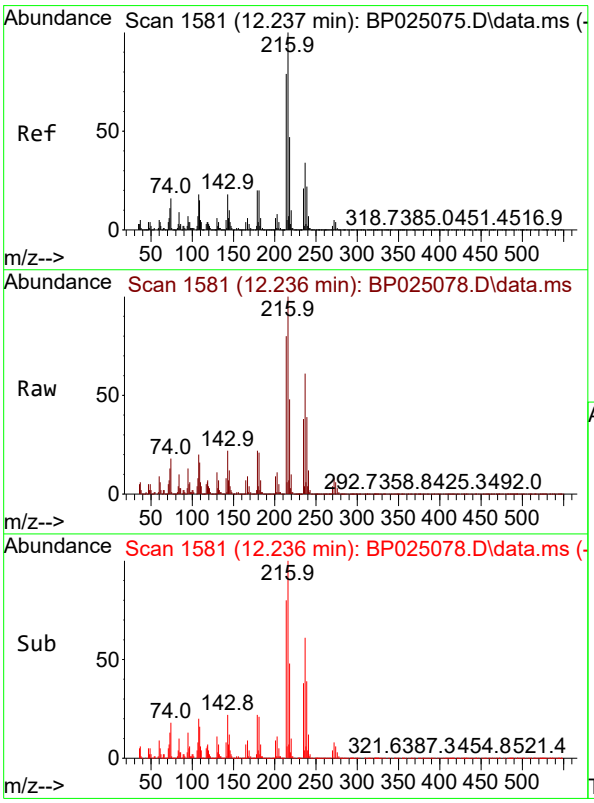
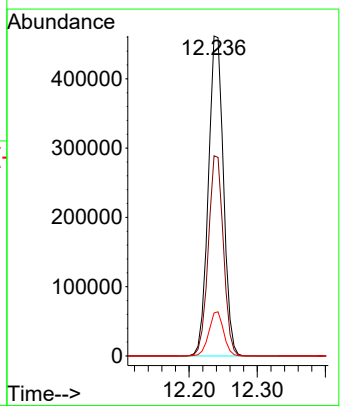
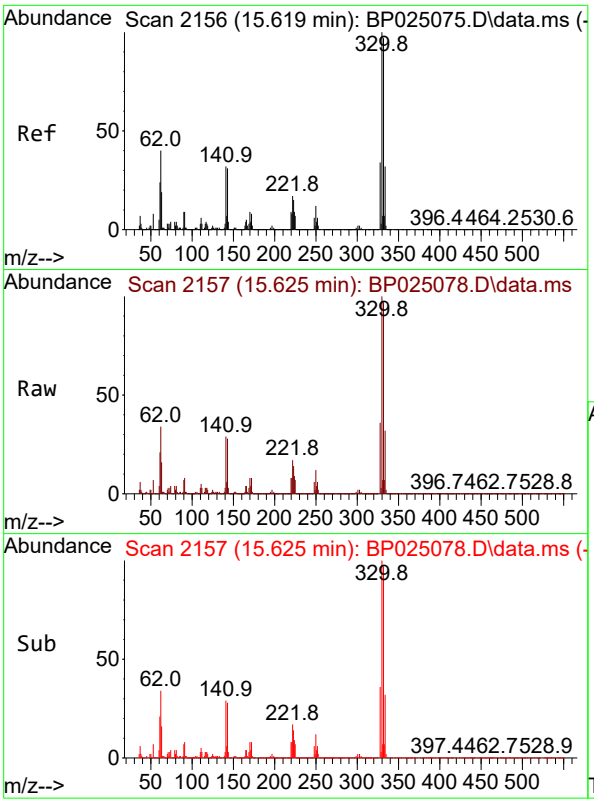


#41
Hexachlorocyclopentadiene
Concen: 87.336 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:237 Resp: 711159

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.4	0.0	33.6

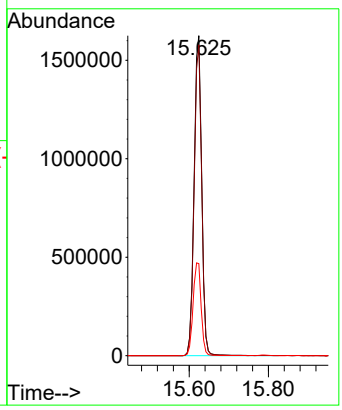




#42
2,4,6-Tribromophenol
Concen: 168.702 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:330 Resp: 216172

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	30.7	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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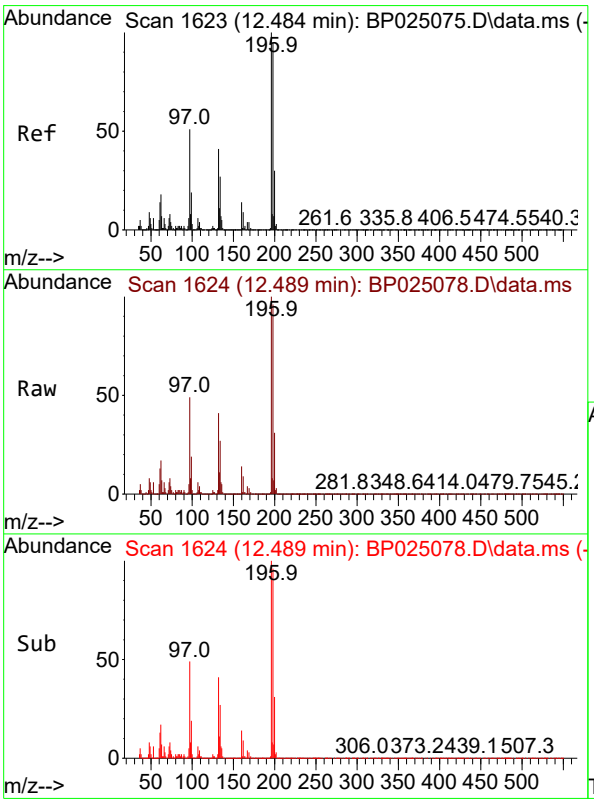
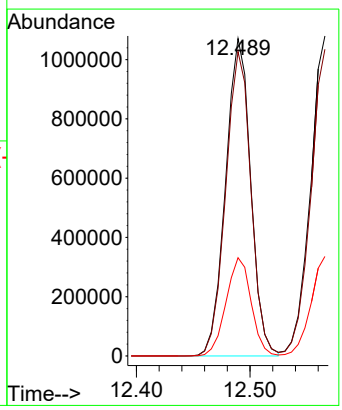
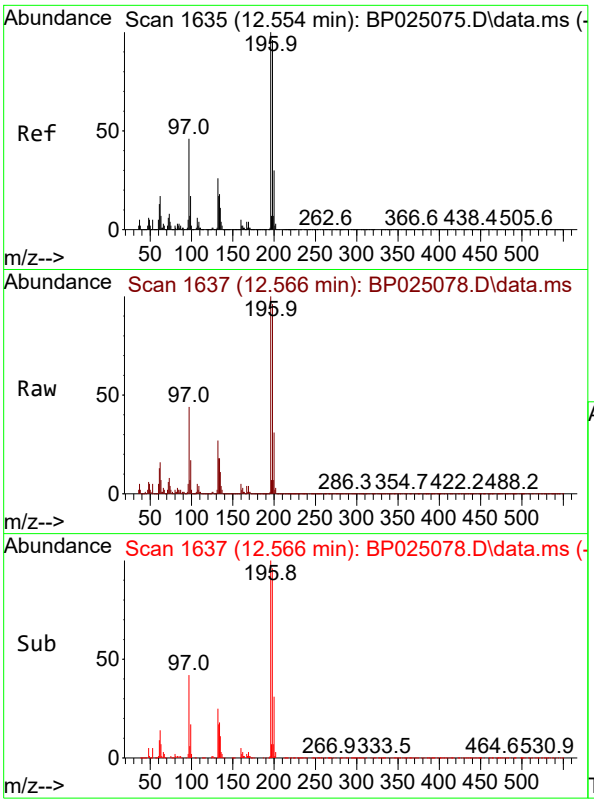


#43
2,4,6-Trichlorophenol
Concen: 87.227 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 1646539

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.0	24.3	36.5

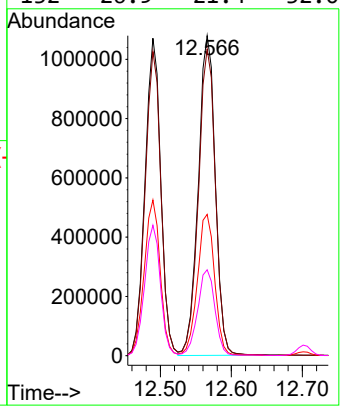




#44
2,4,5-Trichlorophenol
Concen: 84.432 ng
RT: 12.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 180621

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	44.1	36.6	55.0
132	26.9	21.4	32.0



Instrument :
BNA_P
ClientSampleId :
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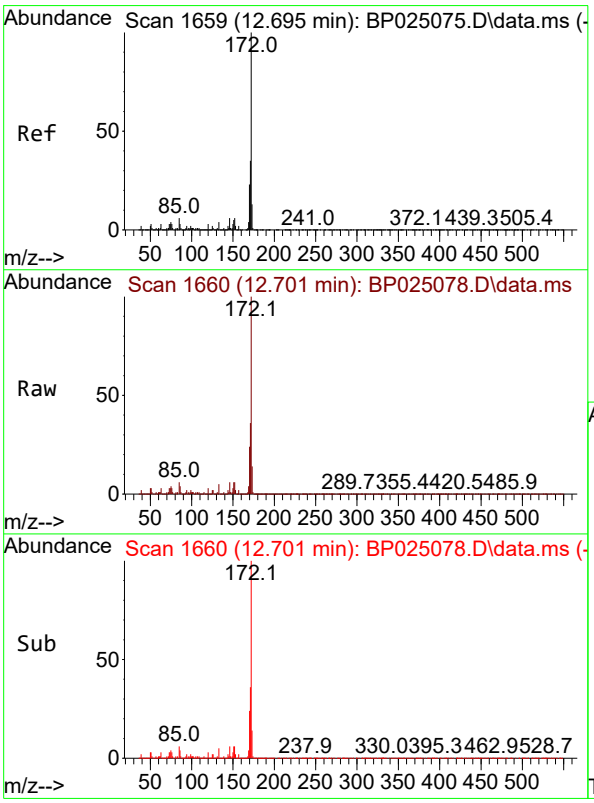
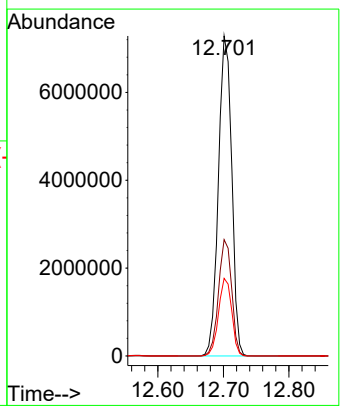
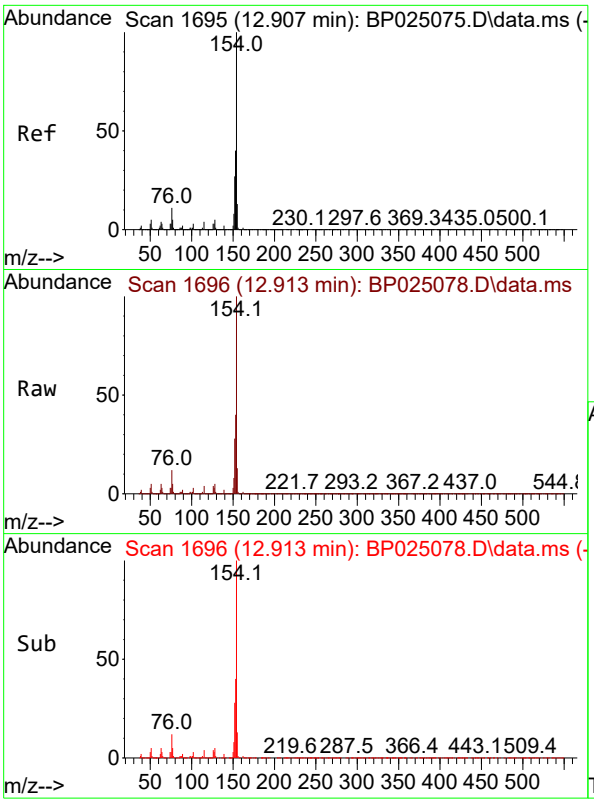


#45
2-Fluorobiphenyl
Concen: 145.859 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:172 Resp:10212772

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.2	18.7	28.1

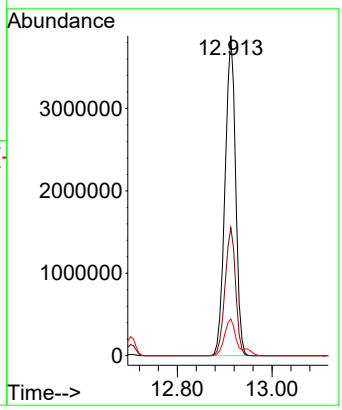




#46
1,1'-Biphenyl
Concen: 75.863 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:154 Resp: 598720

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.5	0.0	31.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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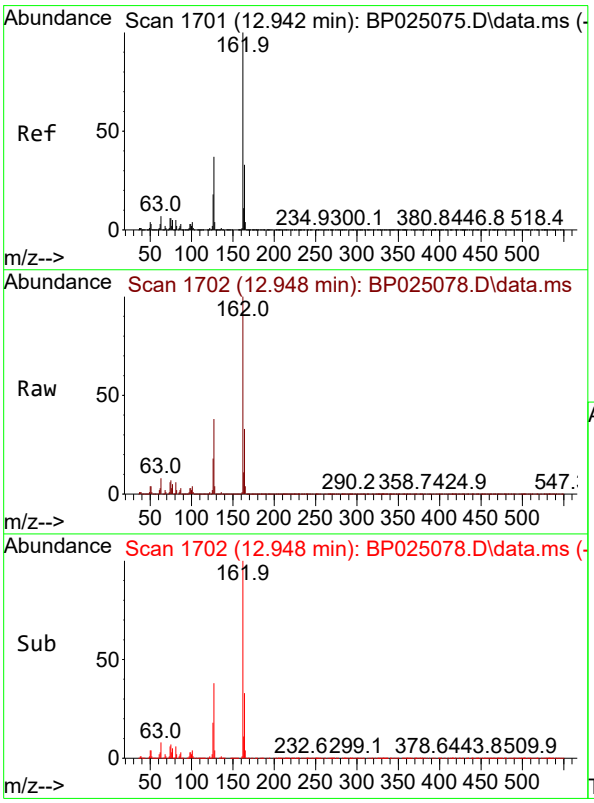
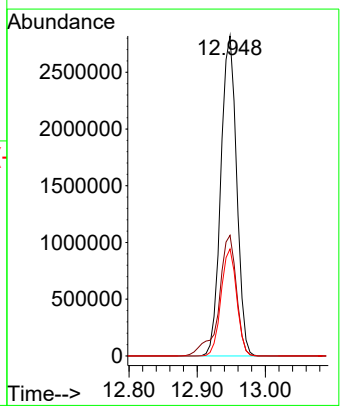
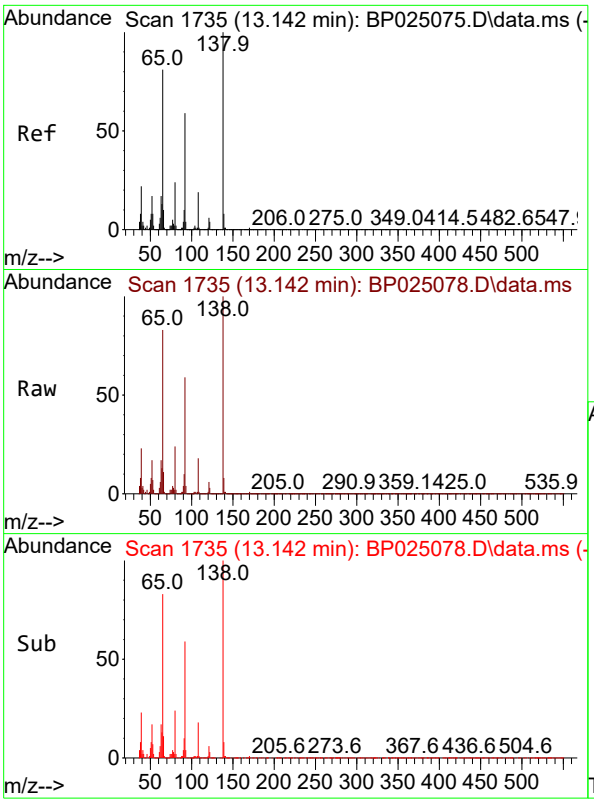


#47
2-Chloronaphthalene
Concen: 76.620 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 4544953

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	33.5	26.4	39.6

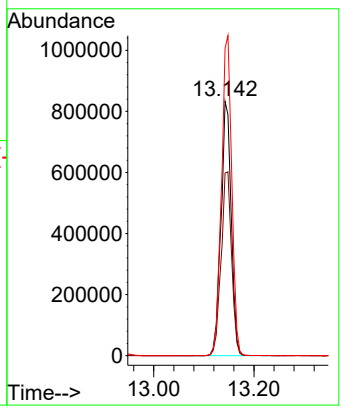




#48
2-Nitroaniline
Concen: 79.706 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 65 Resp: 118633

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	120.9	99.0	148.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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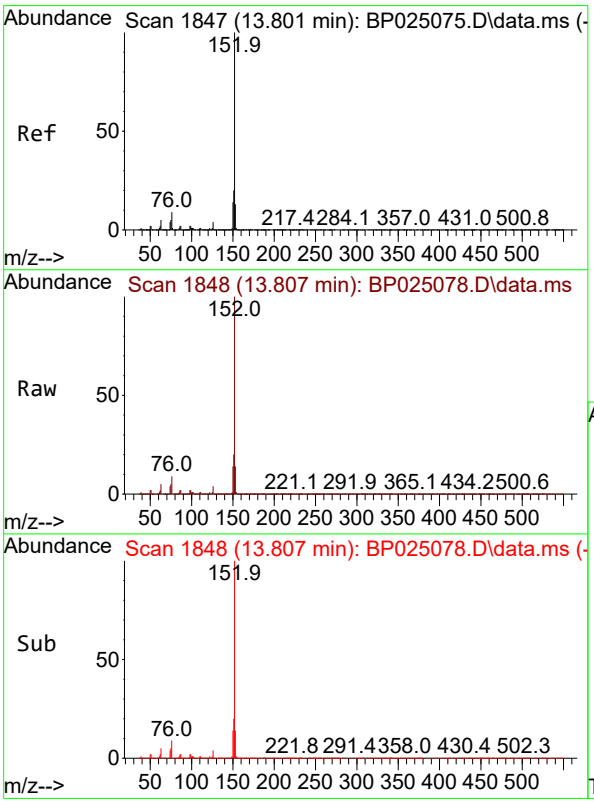
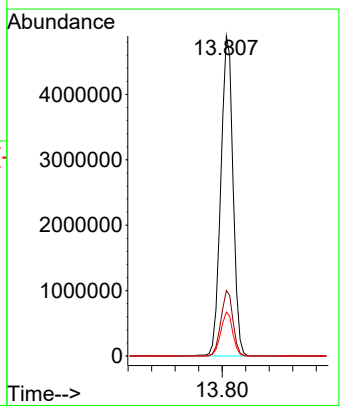
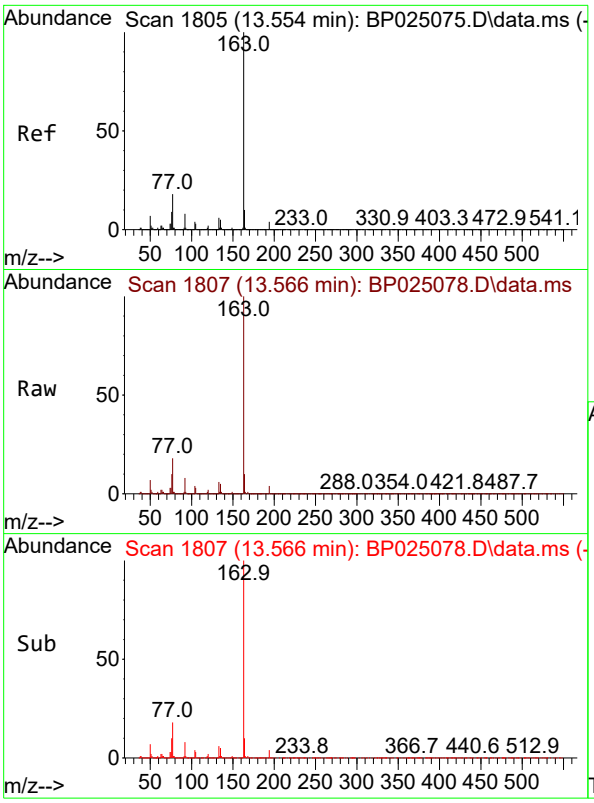


#49
Acenaphthylene
Concen: 77.402 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 7027119

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.7	10.7	16.1

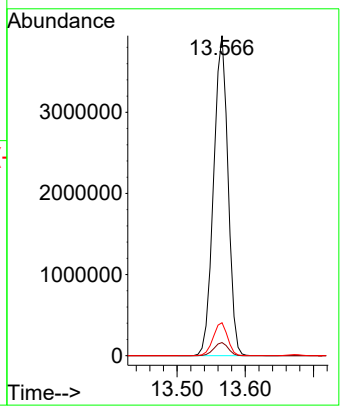




#50
Dimethylphthalate
Concen: 76.378 ng
RT: 13.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:163 Resp: 579932

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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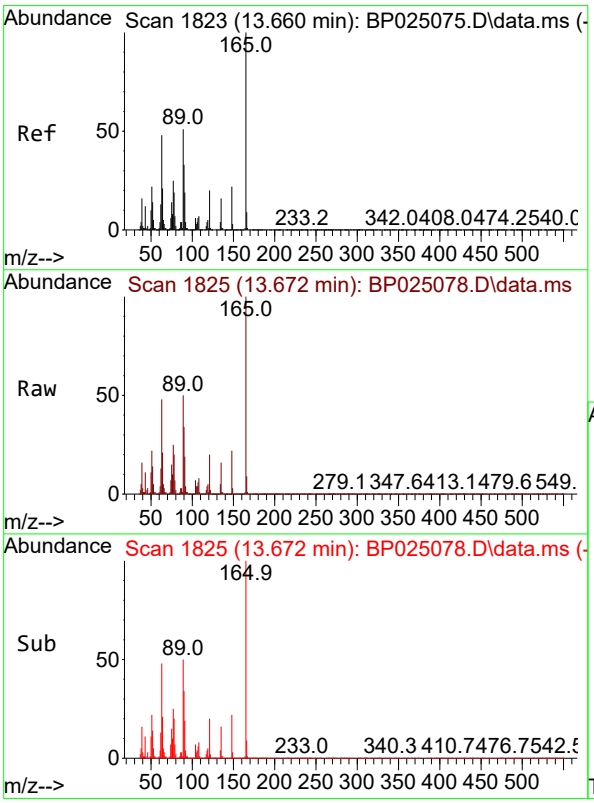
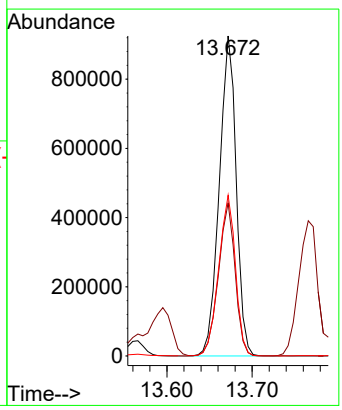
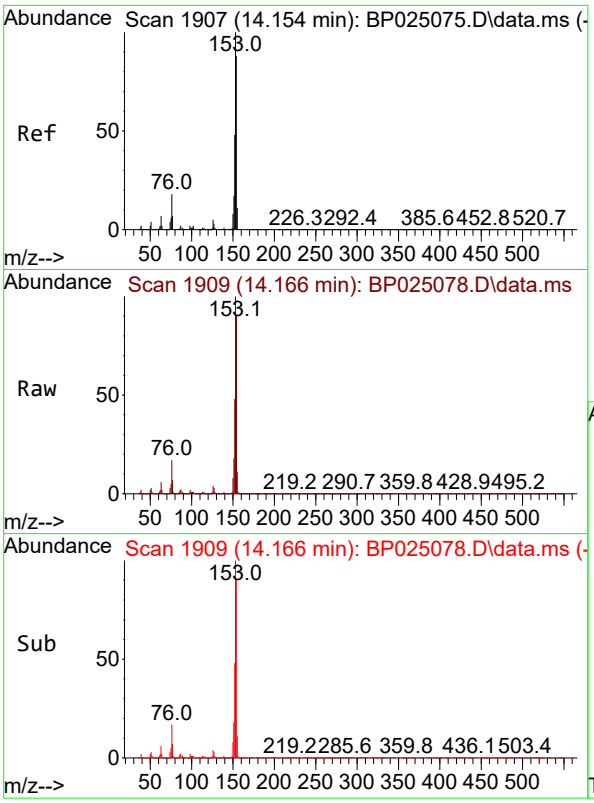


#51
2,6-Dinitrotoluene
Concen: 86.048 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1274236

Ion	Ratio	Lower	Upper
165	100		
63	47.8	38.5	57.7
89	50.2	40.6	61.0

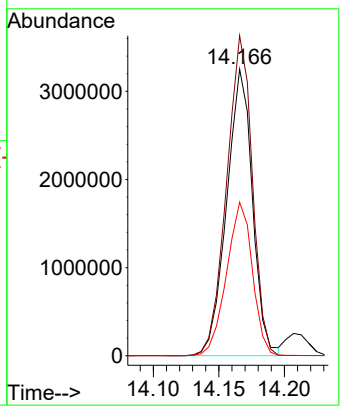




#52
Acenaphthene
Concen: 76.130 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:154 Resp: 445463

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.6	43.8	65.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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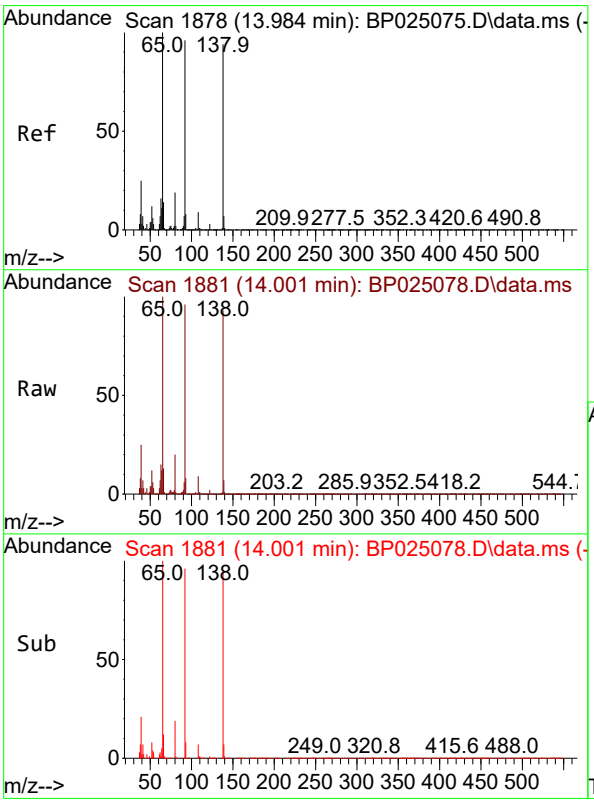
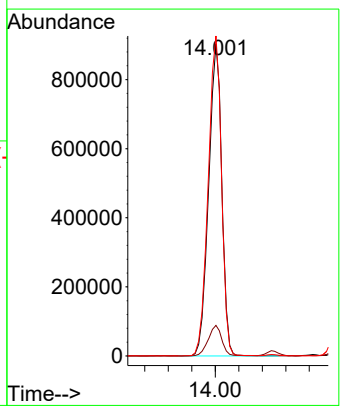
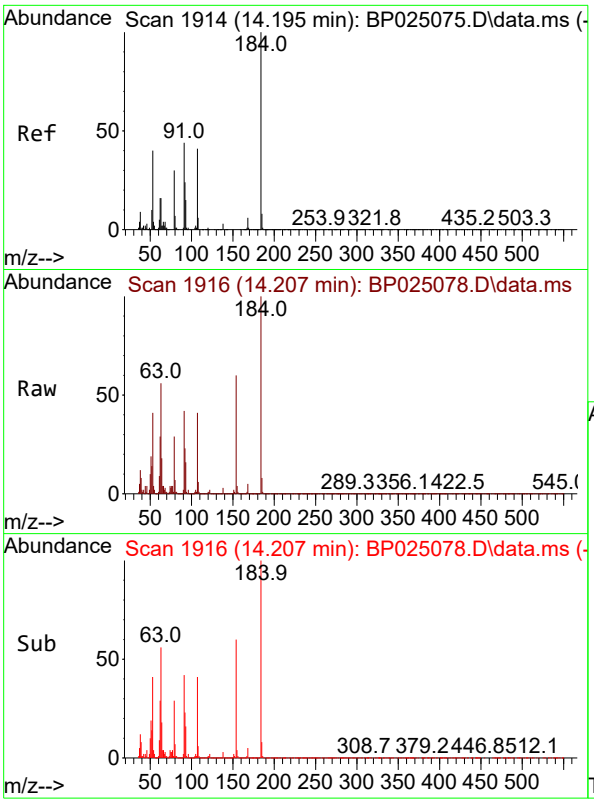


#53
3-Nitroaniline
Concen: 88.191 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 1399587

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	102.6	81.0	121.4

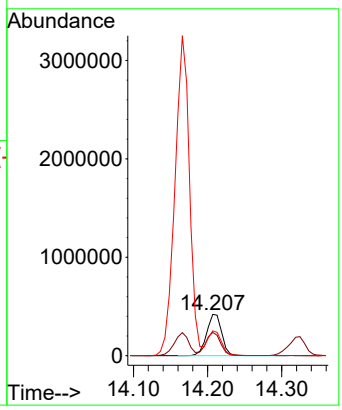




#54
2,4-Dinitrophenol
Concen: 81.781 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 59280

Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.4	71.0
154	60.2	47.8	71.8



Instrument :
BNA_P
ClientSampleId :
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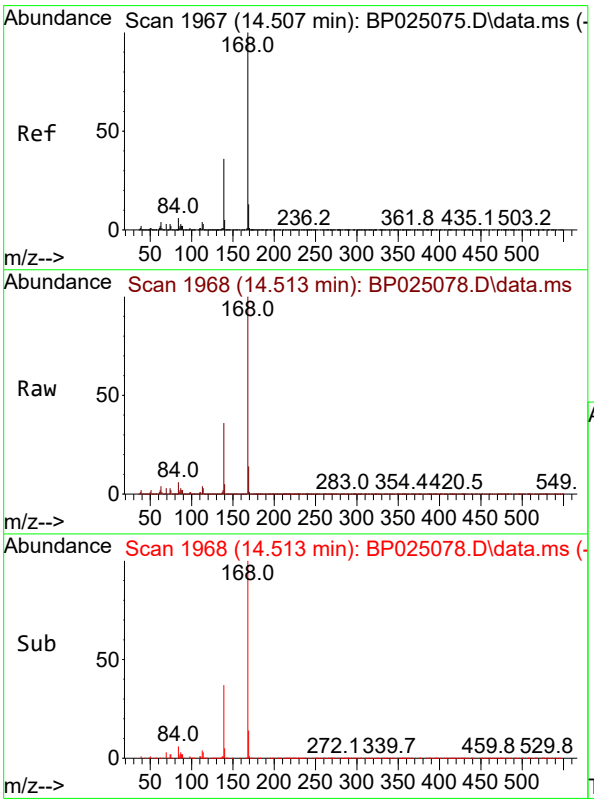
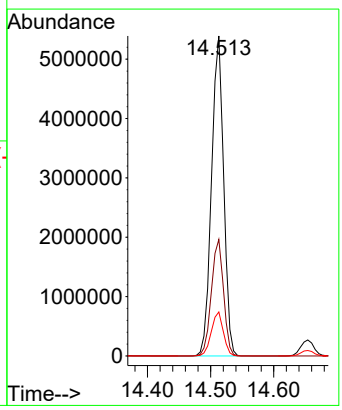
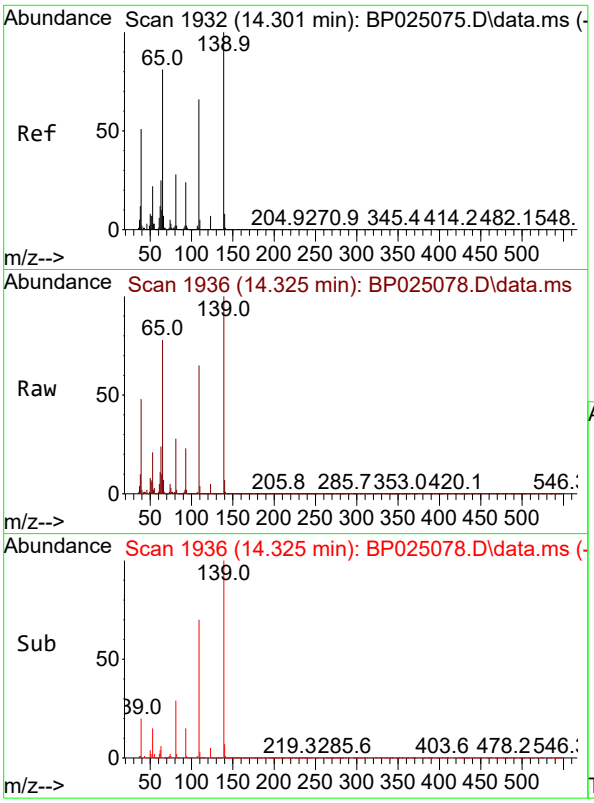


#55
Dibenzofuran
Concen: 74.338 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:168 Resp: 7178793

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.7	10.7	16.1

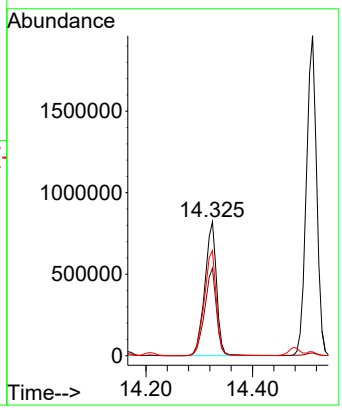




#56
4-Nitrophenol
Concen: 85.486 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:139 Resp: 125198

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.9	85.9
65	78.5	61.4	101.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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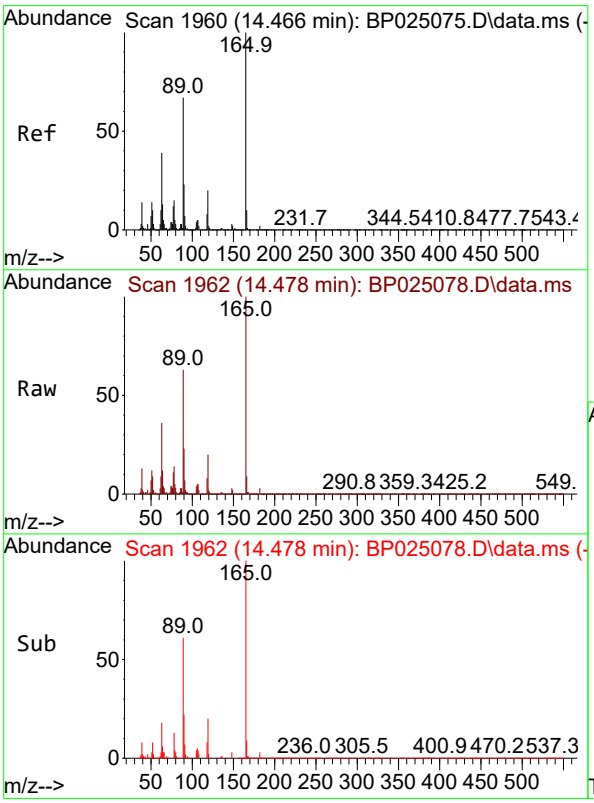
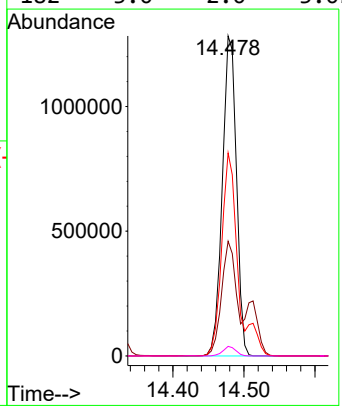
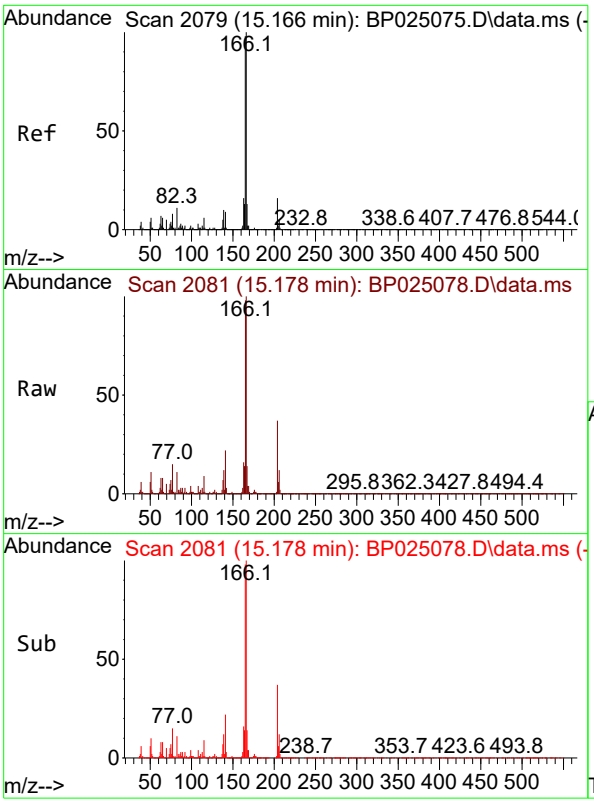


#57
2,4-Dinitrotoluene
Concen: 79.166 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1759928

Ion	Ratio	Lower	Upper
165	100		
63	35.9	31.0	46.4
89	63.4	53.4	80.0
182	3.0	2.0	3.0#

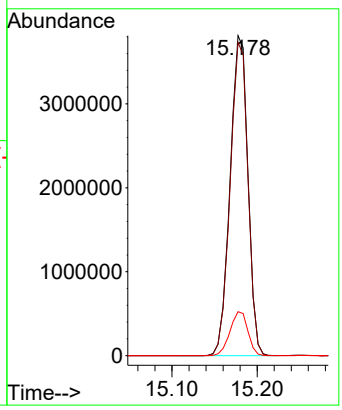




#58
Fluorene
Concen: 74.216 ng
RT: 15.178 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:166 Resp: 554350(

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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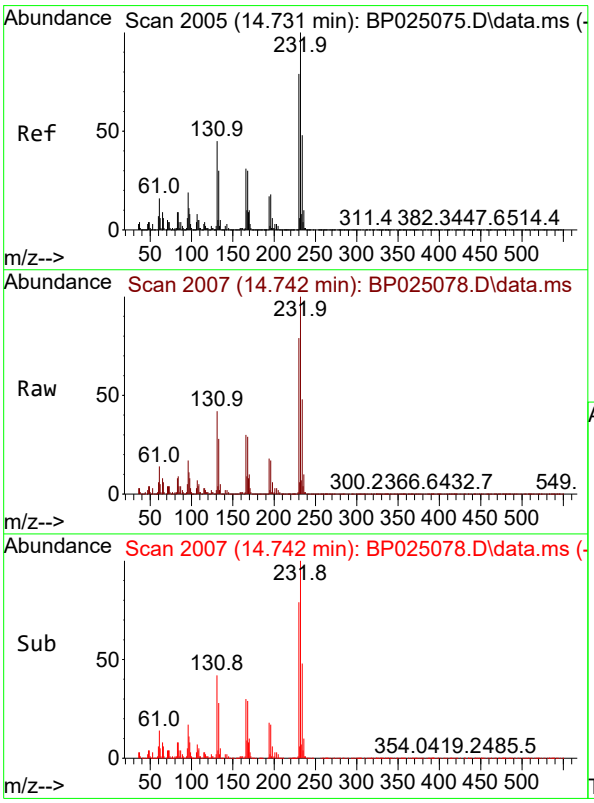
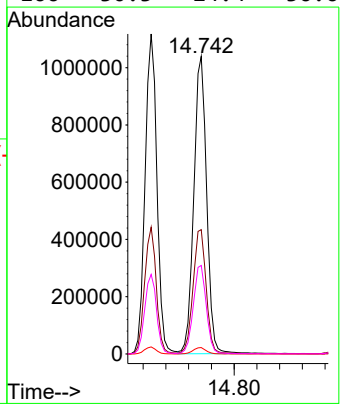
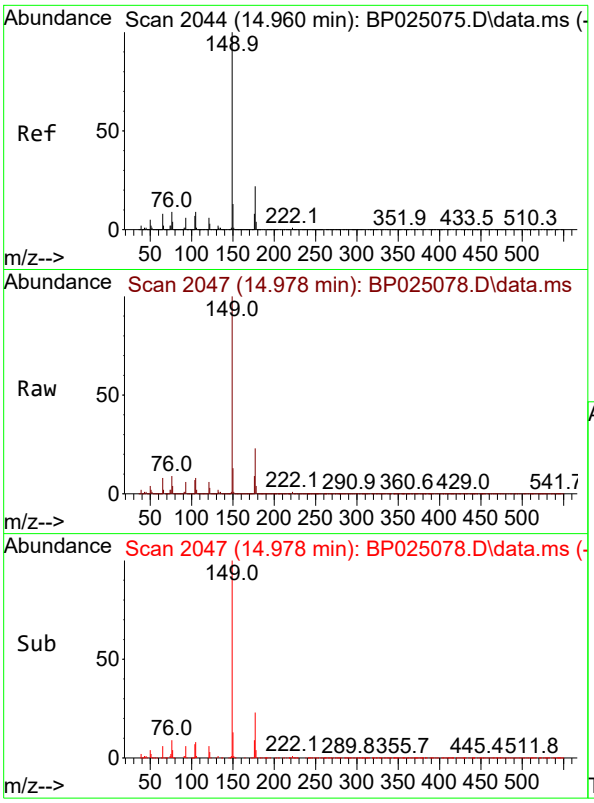


#59
2,3,4,6-Tetrachlorophenol
Concen: 84.370 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:232 Resp: 1634442

Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.7	53.5
130	2.1	1.8	2.6
166	30.3	24.4	36.6

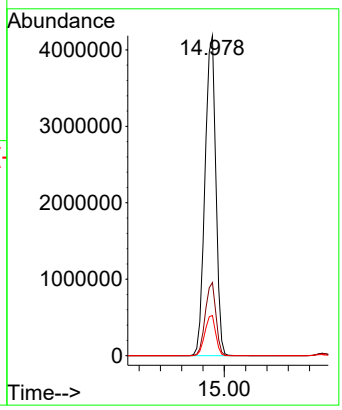




#60
Diethylphthalate
Concen: 77.254 ng
RT: 14.978 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 589155

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.6	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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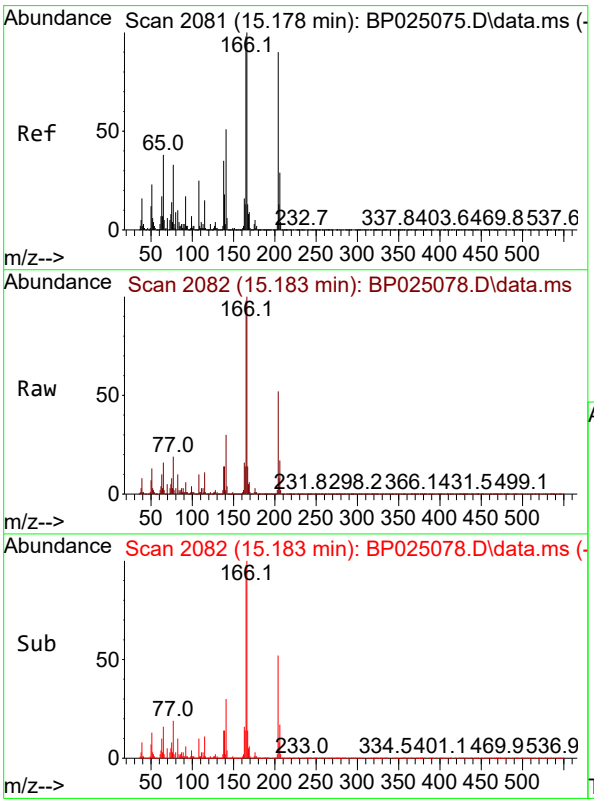
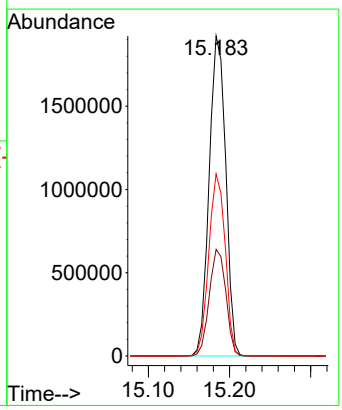
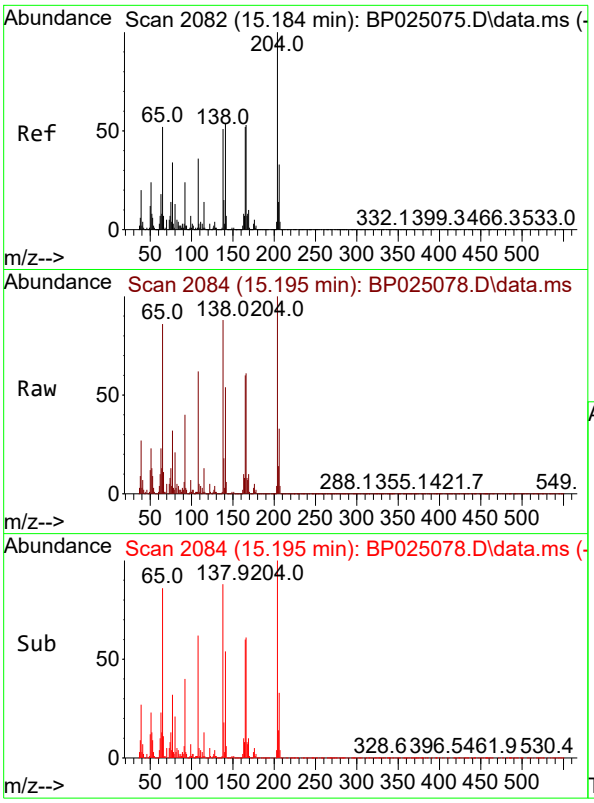


#61
4-Chlorophenyl-phenylether
Concen: 73.523 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:204 Resp: 2717790

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.9	45.1	67.7

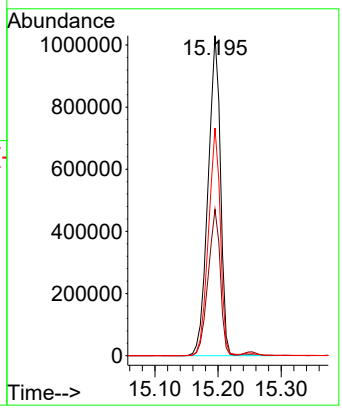




#62
4-Nitroaniline
Concen: 84.376 ng
RT: 15.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 140408

Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.0	66.0
108	71.1	50.0	90.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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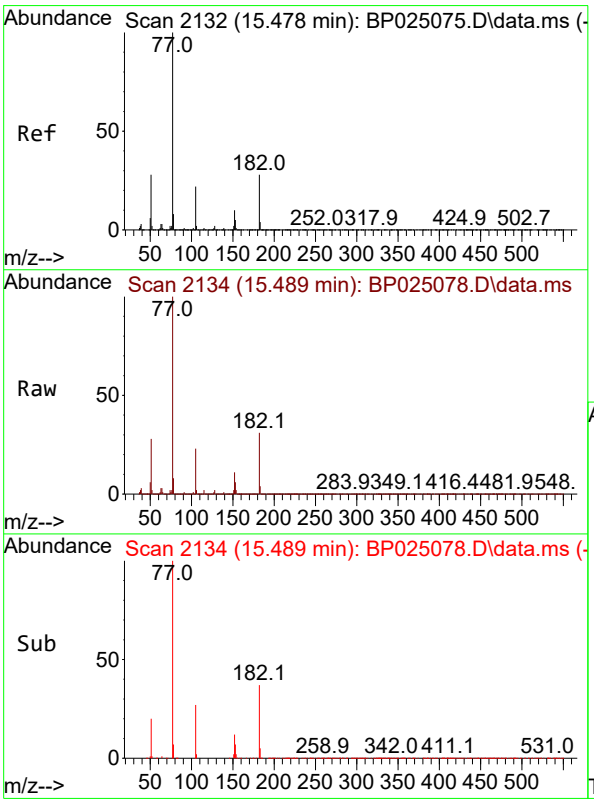
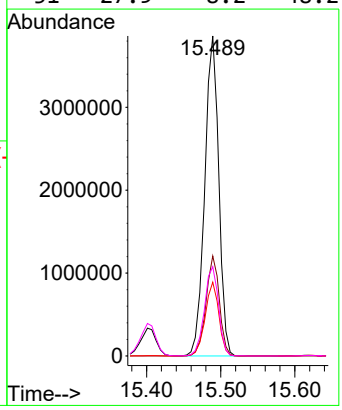
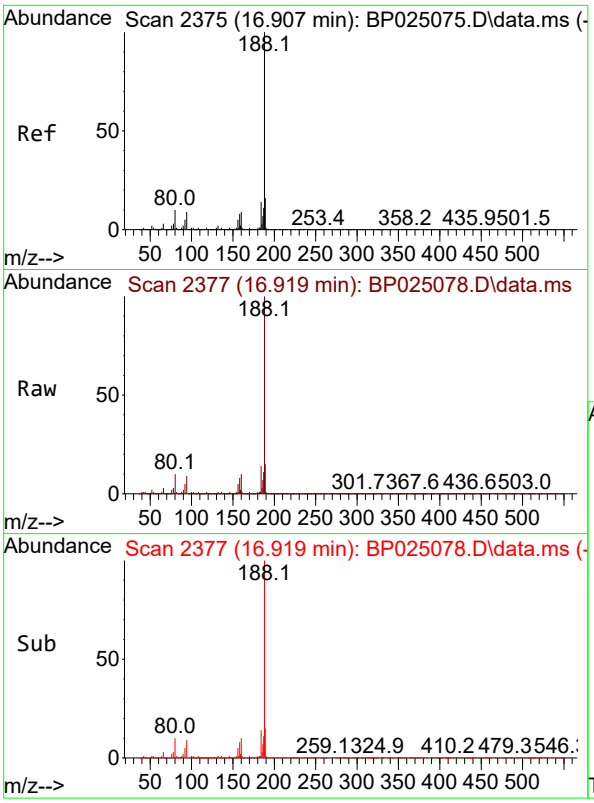


#63
Azobenzene
Concen: 74.798 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 77 Resp: 5079474

Ion	Ratio	Lower	Upper
77	100		
182	31.2	7.7	47.7
105	23.1	1.9	41.9
51	27.9	8.2	48.2

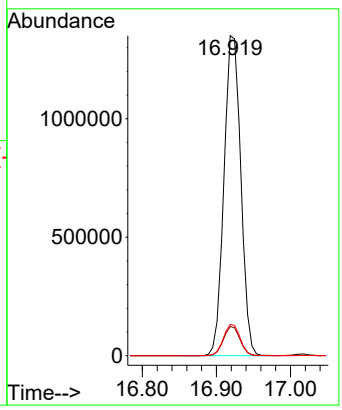




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:188 Resp: 212946

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.8	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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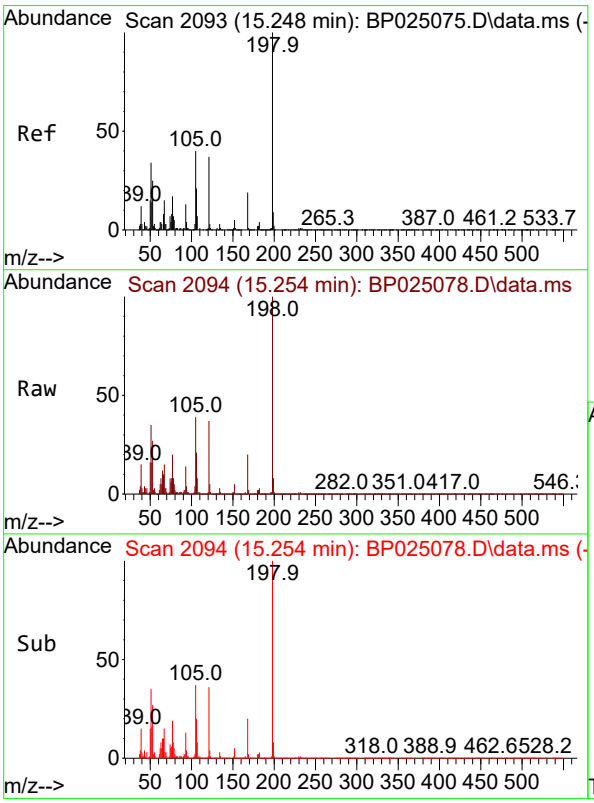
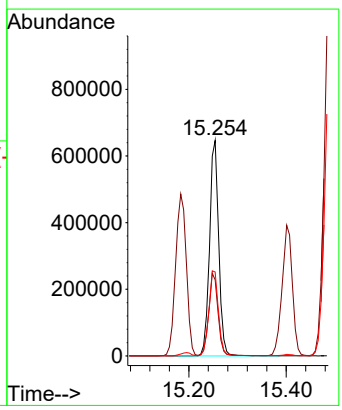
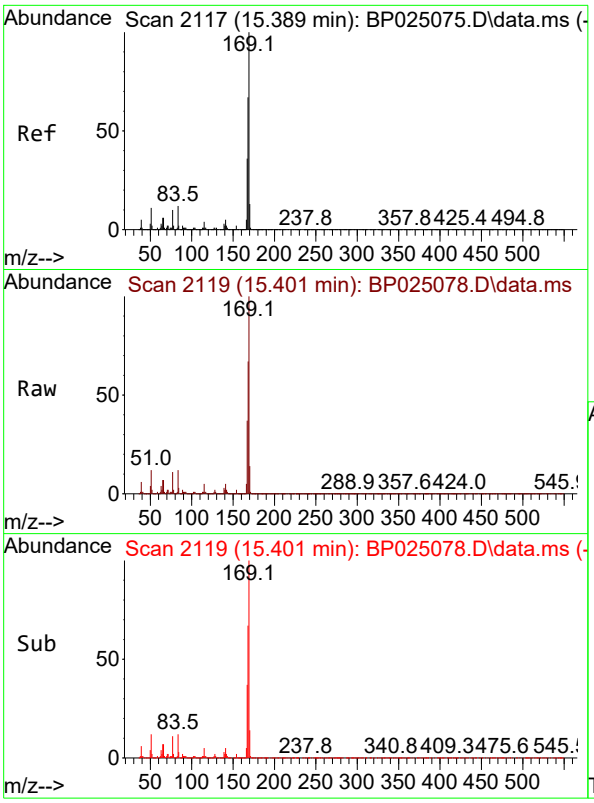


#65
4,6-Dinitro-2-methylphenol
Concen: 81.907 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:198 Resp: 836918

Ion	Ratio	Lower	Upper
198	100		
51	35.3	16.8	56.8
105	39.0	20.8	60.8

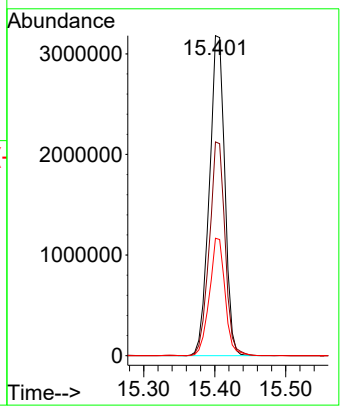




#66
n-Nitrosodiphenylamine
Concen: 79.024 ng
RT: 15.401 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:169 Resp: 481587

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.7	29.0	43.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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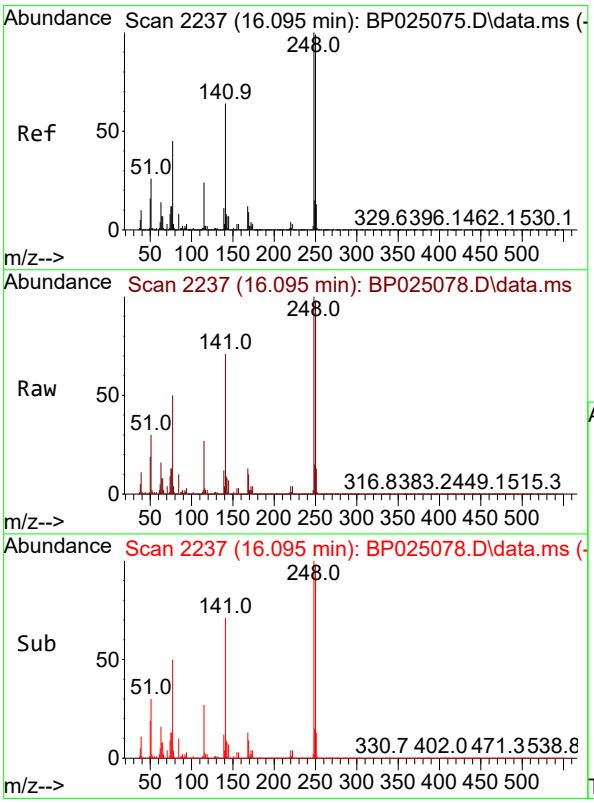
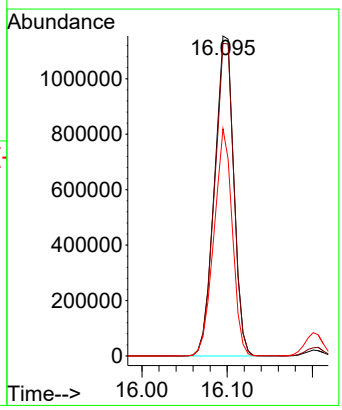
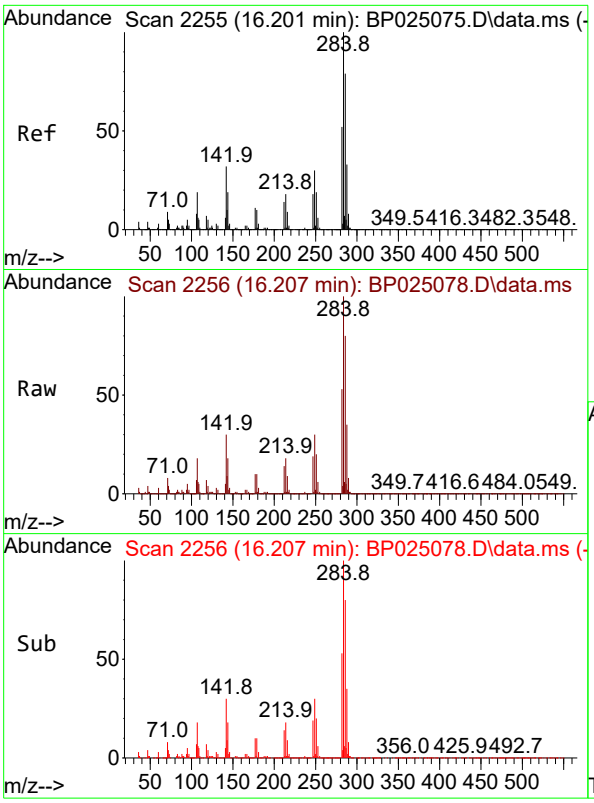


#67
4-Bromophenyl-phenylether
Concen: 83.140 ng
RT: 16.095 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:248 Resp: 1812737

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	71.0	51.4	77.0





#68
Hexachlorobenzene
Concen: 79.660 ng
RT: 16.207 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:284 Resp: 212292

Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.9	38.9
249	30.5	23.8	35.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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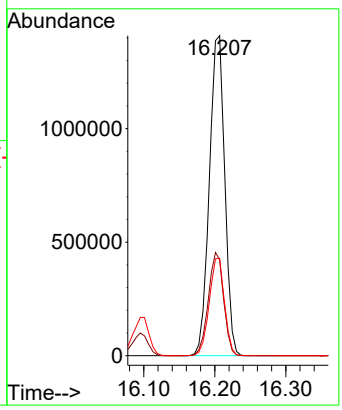
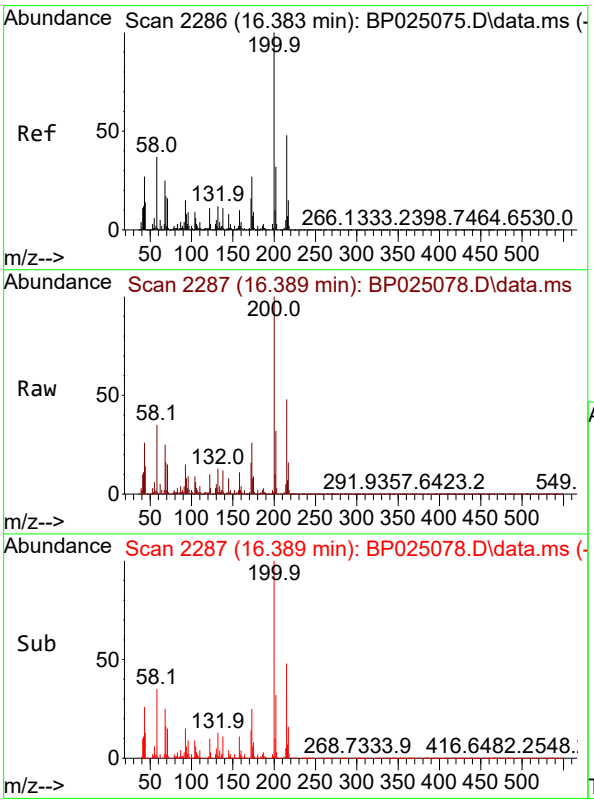
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

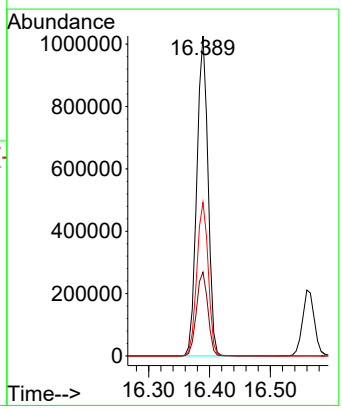


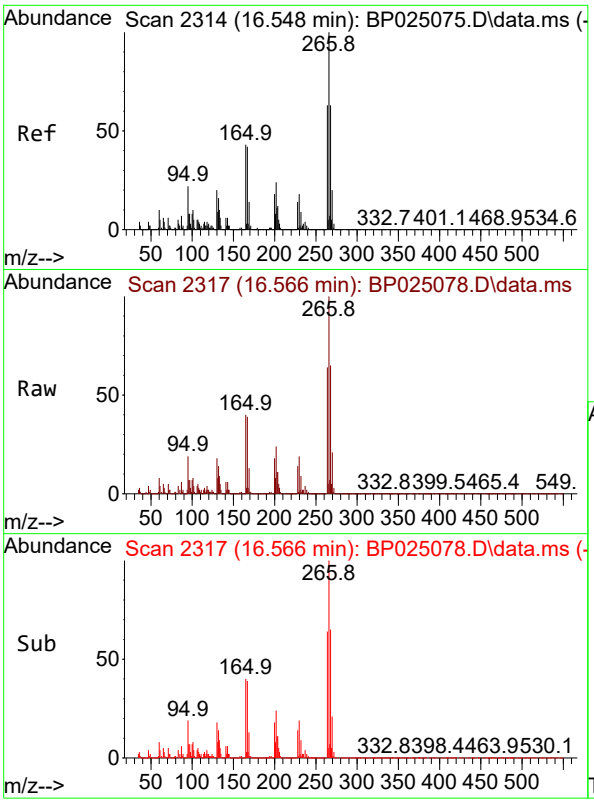


#69
Atrazine
Concen: 73.469 ng
RT: 16.389 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:200 Resp: 1312003

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	48.0	28.0	68.0

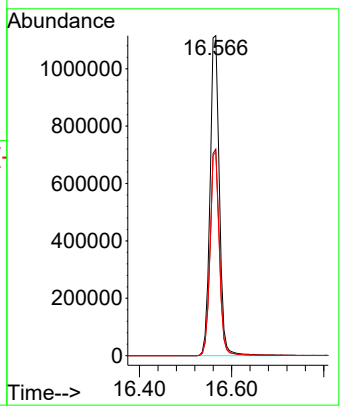




#70
Pentachlorophenol
Concen: 87.298 ng
RT: 16.566 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:266 Resp: 157118

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.4	75.6
264	63.7	50.2	75.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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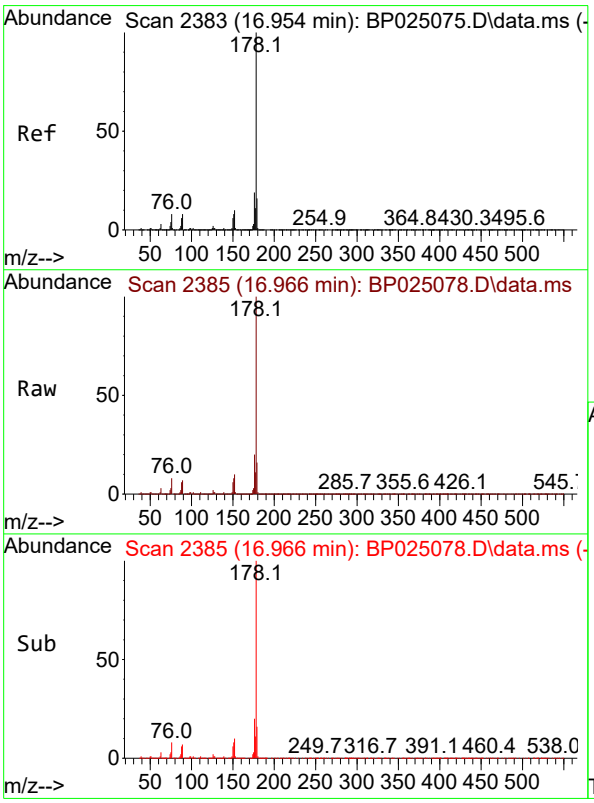
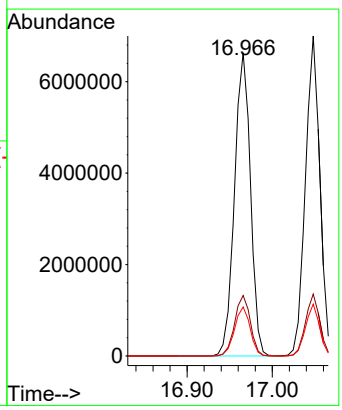
Supervised By :Jagrut Upadhyay 07/07/2025

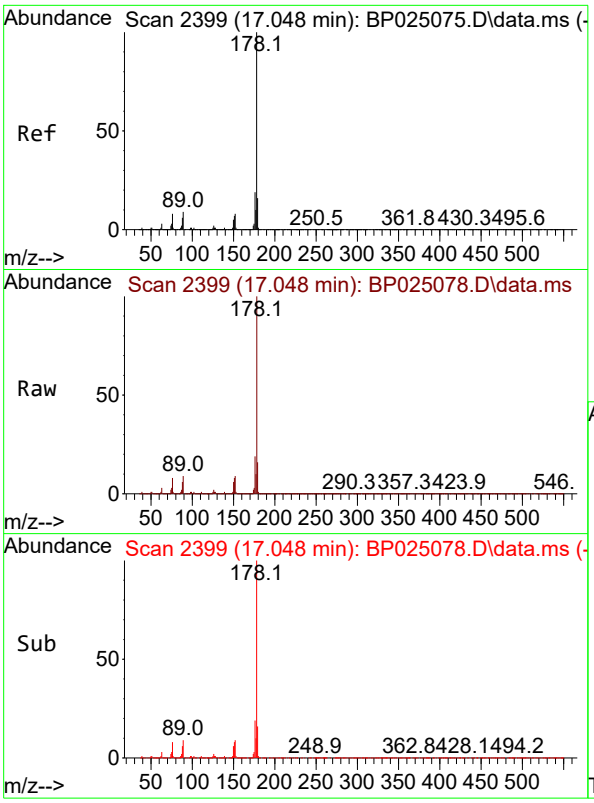


#71
Phenanthrene
Concen: 75.660 ng
RT: 16.966 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 8609082

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.2	12.6	19.0

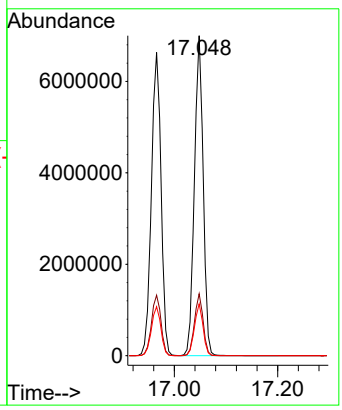




#72
Anthracene
Concen: 75.756 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 826979

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	16.2	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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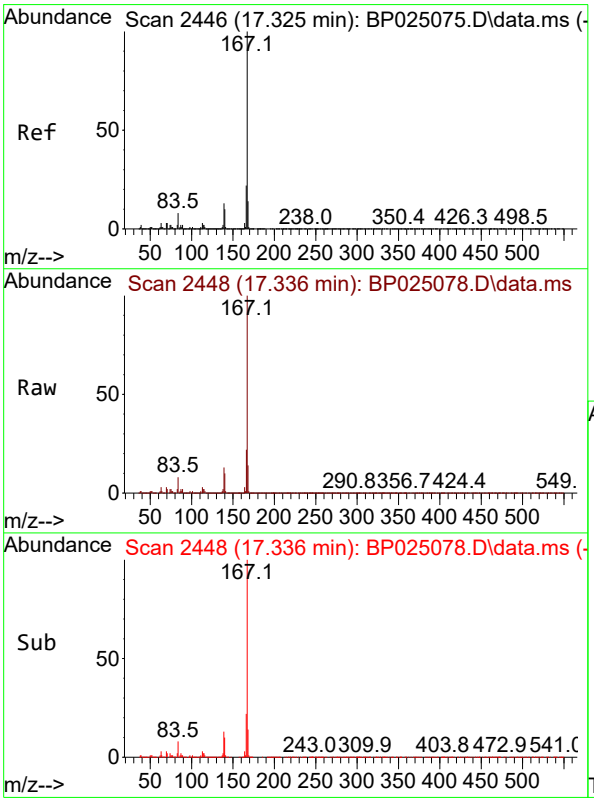
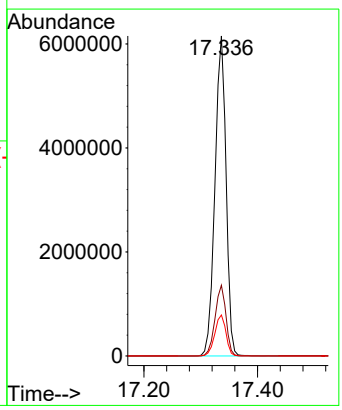
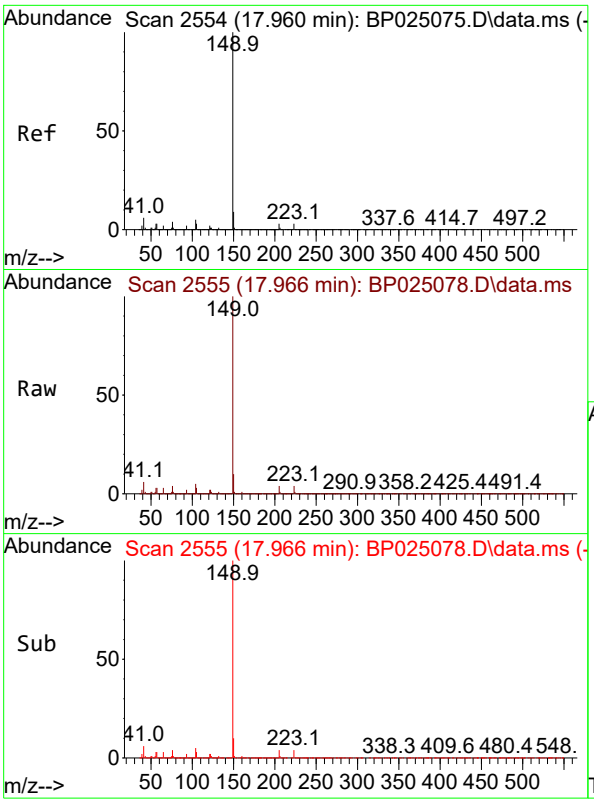


#73
Carbazole
Concen: 77.872 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:167 Resp: 8311609

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.8	10.4	15.6

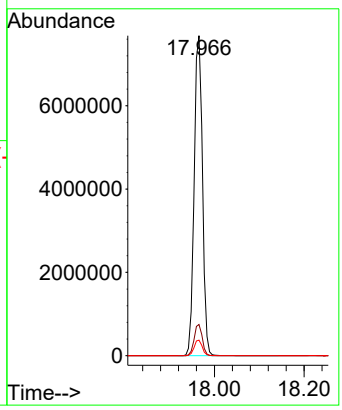




#74
Di-n-butylphthalate
Concen: 82.572 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 981430

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.8	3.8	5.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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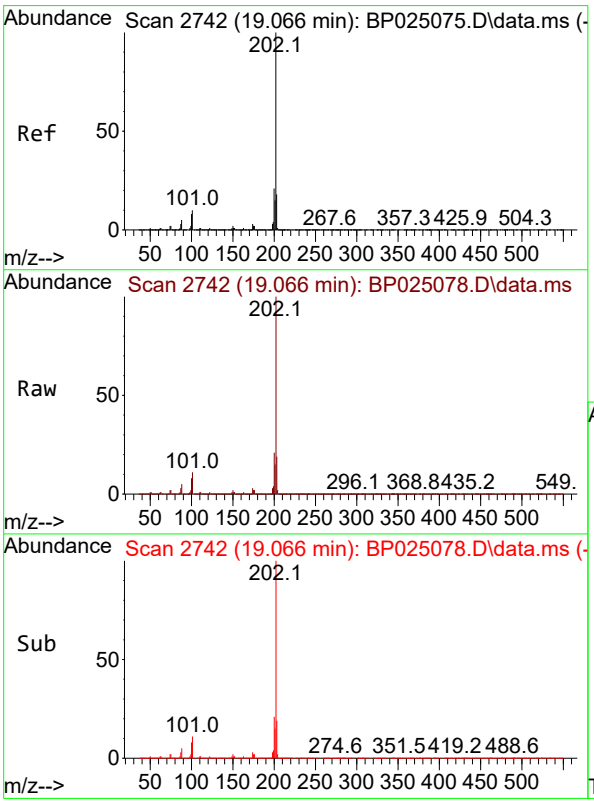
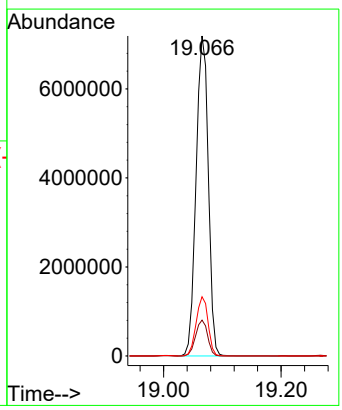
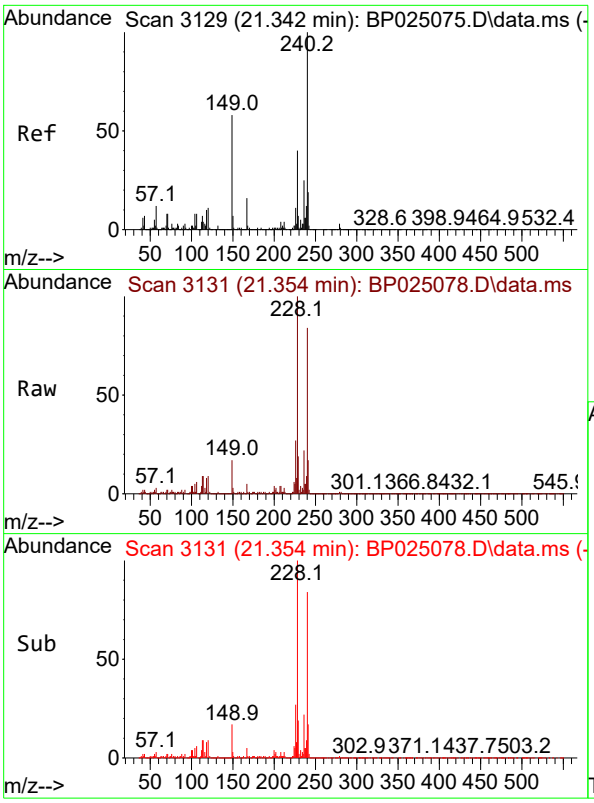


#75
Fluoranthene
Concen: 77.833 ng
RT: 19.066 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:10352176

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.5	0.0	37.6

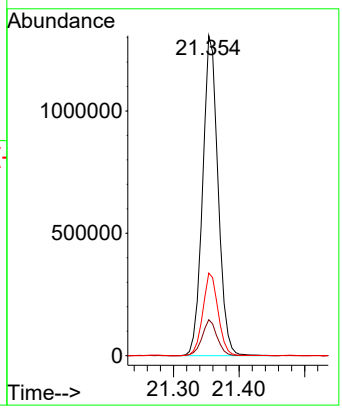




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:240 Resp: 213958

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.8	20.3	30.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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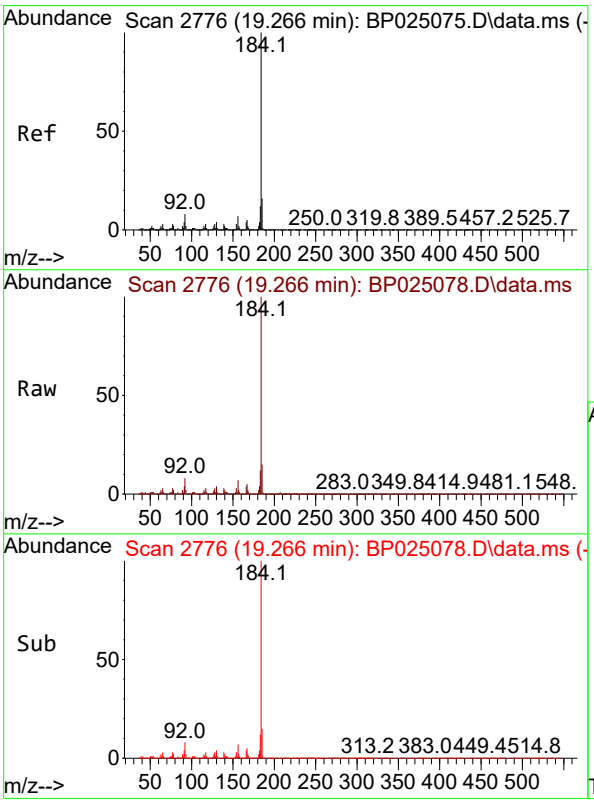
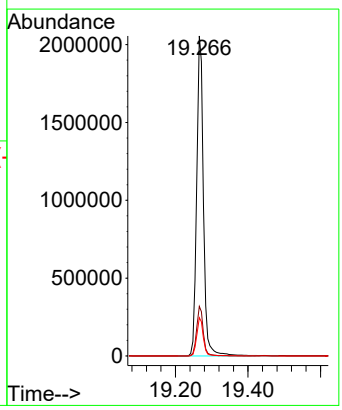
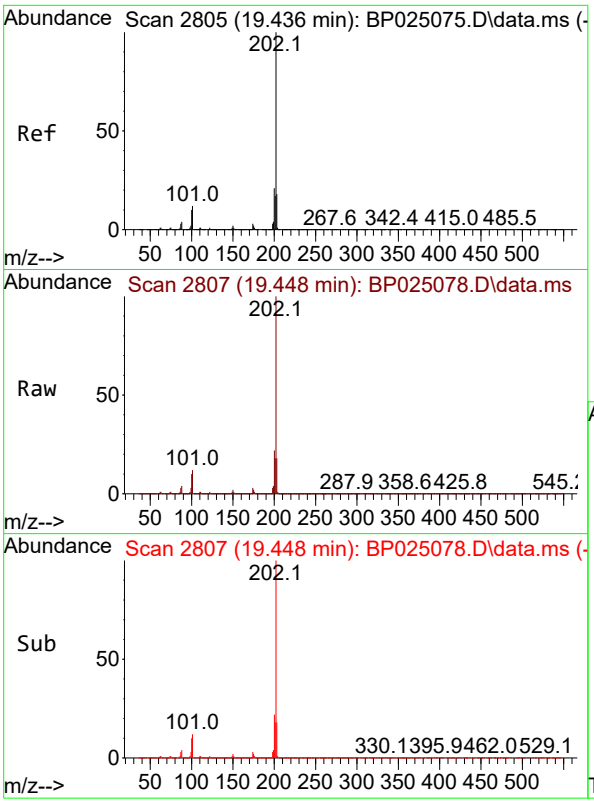


#77
Benzidine
Concen: 70.212 ng
RT: 19.266 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 2653175

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.0	9.4	14.2

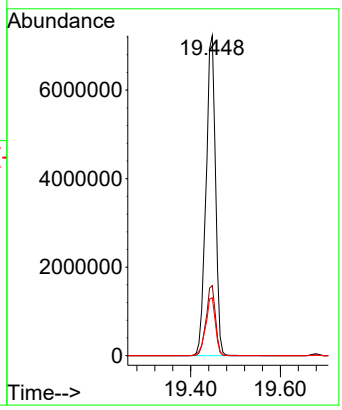




#78
Pyrene
Concen: 79.970 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:1059772

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.1	14.1	21.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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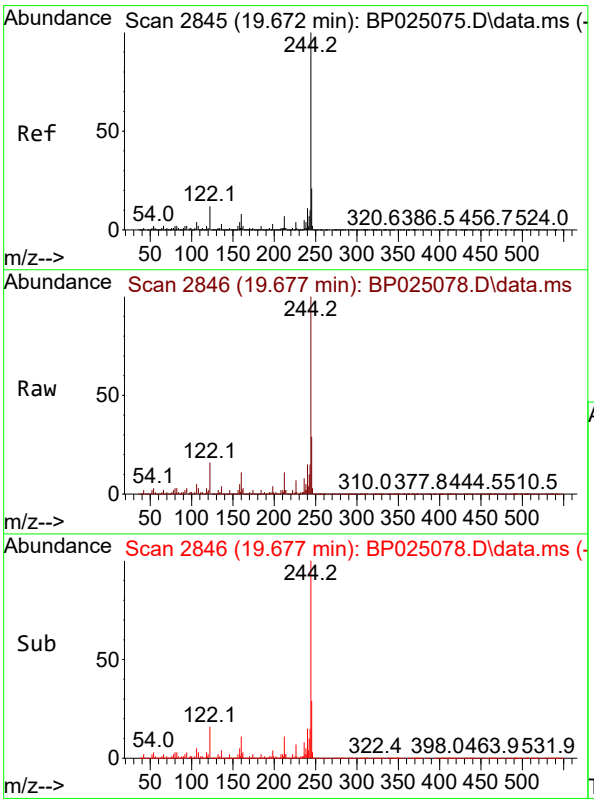
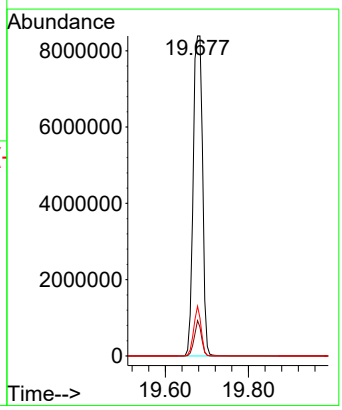
Supervised By :Jagrut Upadhyay 07/07/2025

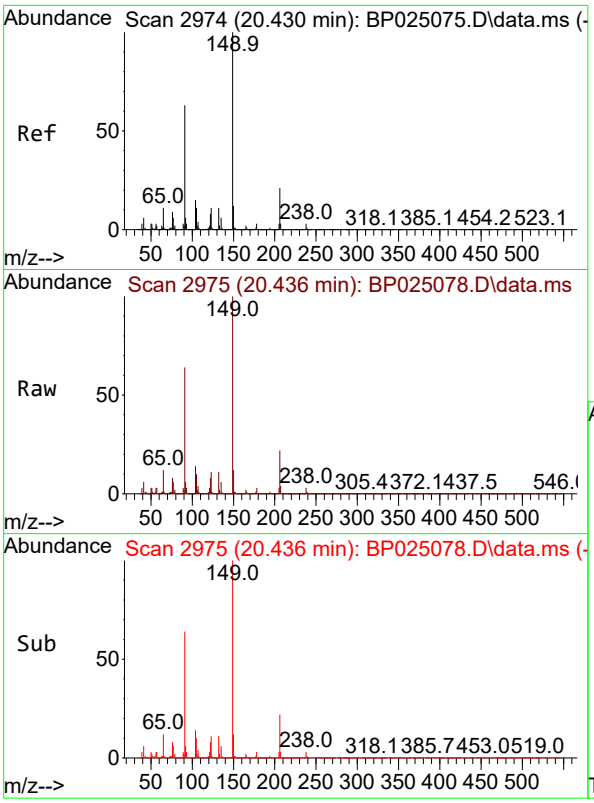


#79
Terphenyl-d14
Concen: 134.293 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:244 Resp:13073627

Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.9	8.9#
122	15.6	9.4	14.2#

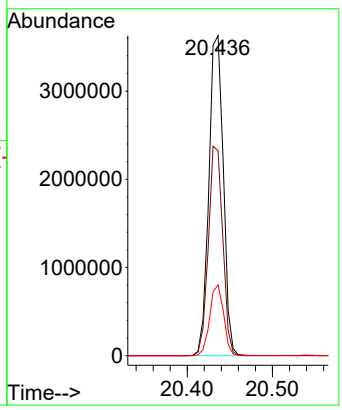




#80
Butylbenzylphthalate
Concen: 80.862 ng
RT: 20.436 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 426802

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	22.1	17.2	25.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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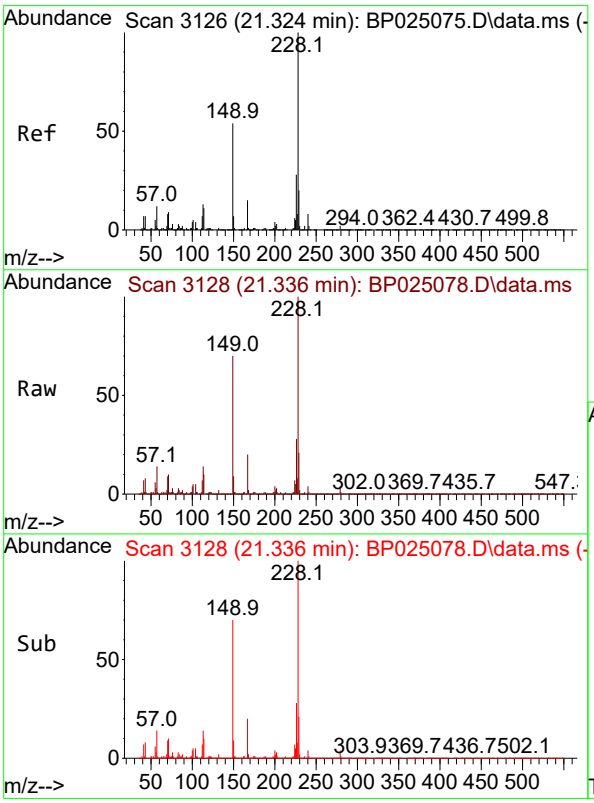
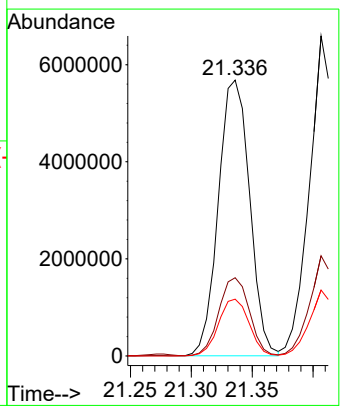
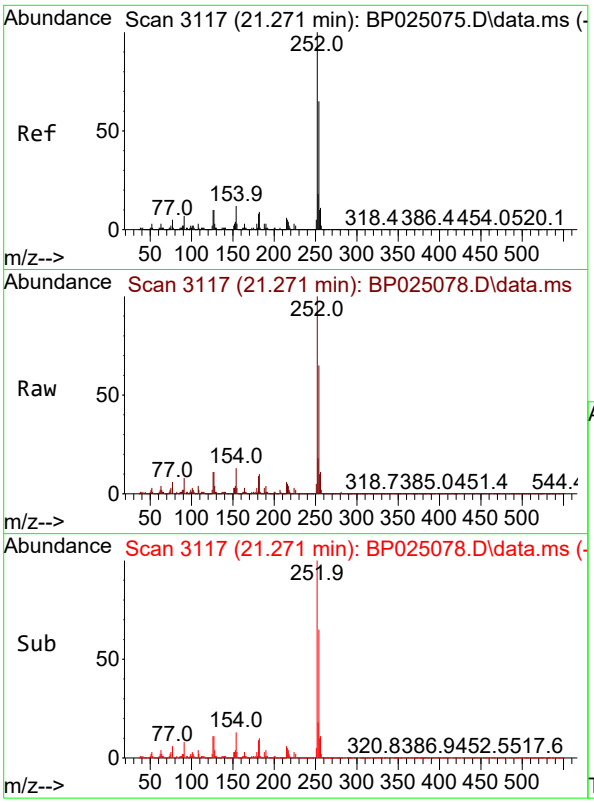


#81
Benzo(a)anthracene
Concen: 78.478 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp:10175638

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.6	16.0	24.0

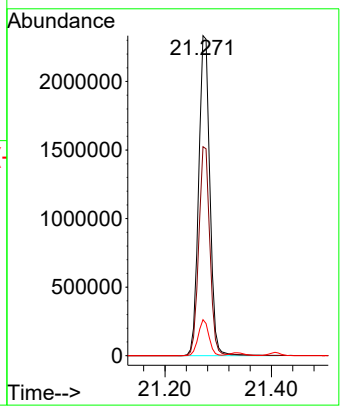




#82
3,3'-Dichlorobenzidine
Concen: 87.049 ng
RT: 21.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp: 339777

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	11.3	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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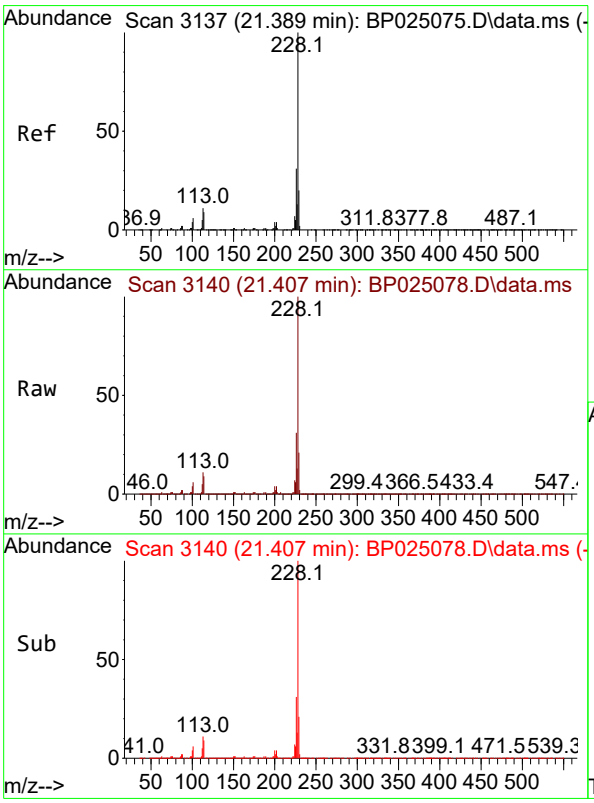
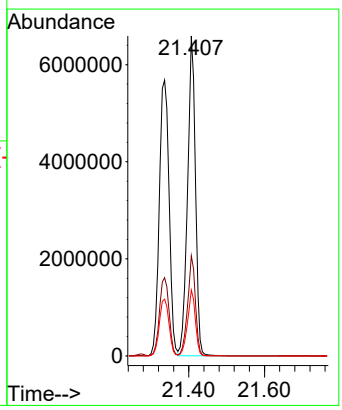
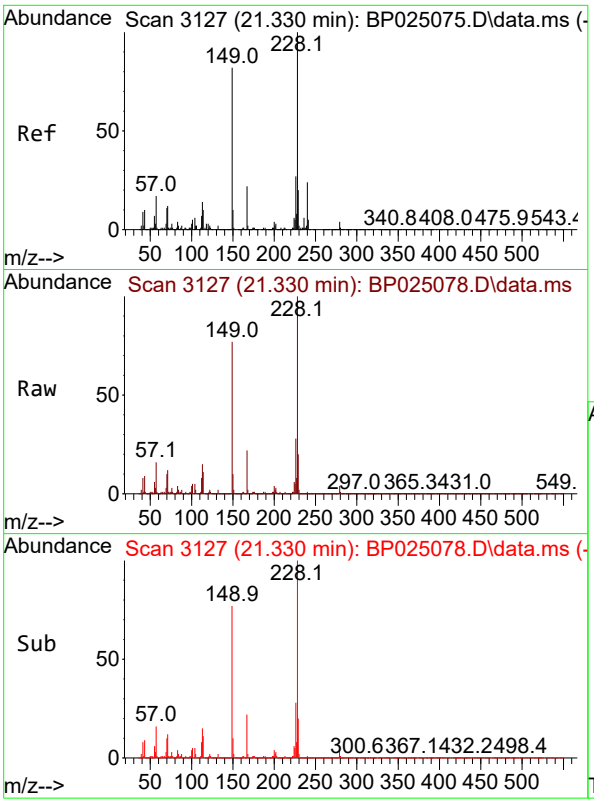


#83
Chrysene
Concen: 76.668 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp: 9566614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.6	16.0	24.0

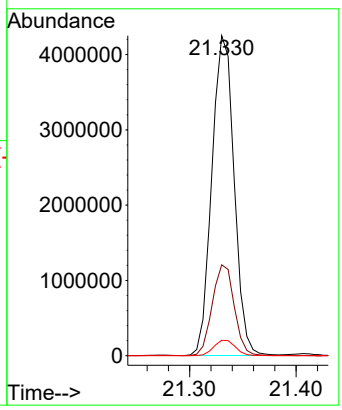




#84
Bis(2-ethylhexyl)phthalate
Concen: 88.574 ng
RT: 21.330 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp: 616026

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.8	3.5	5.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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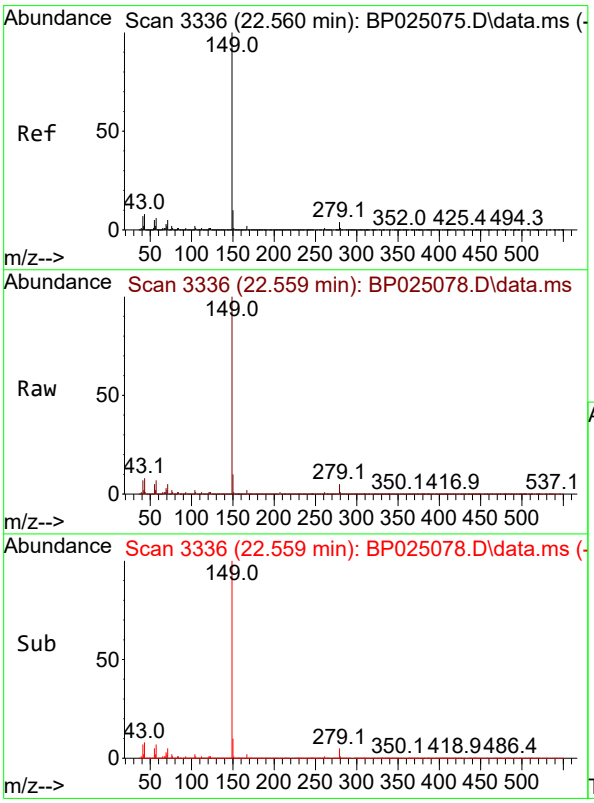
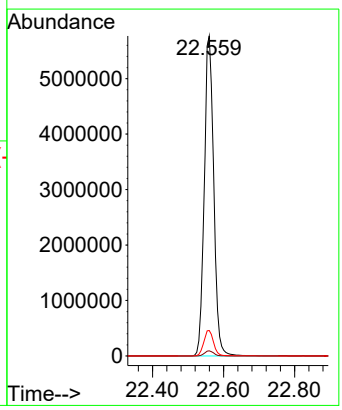
Supervised By :Jagrut Upadhyay 07/07/2025

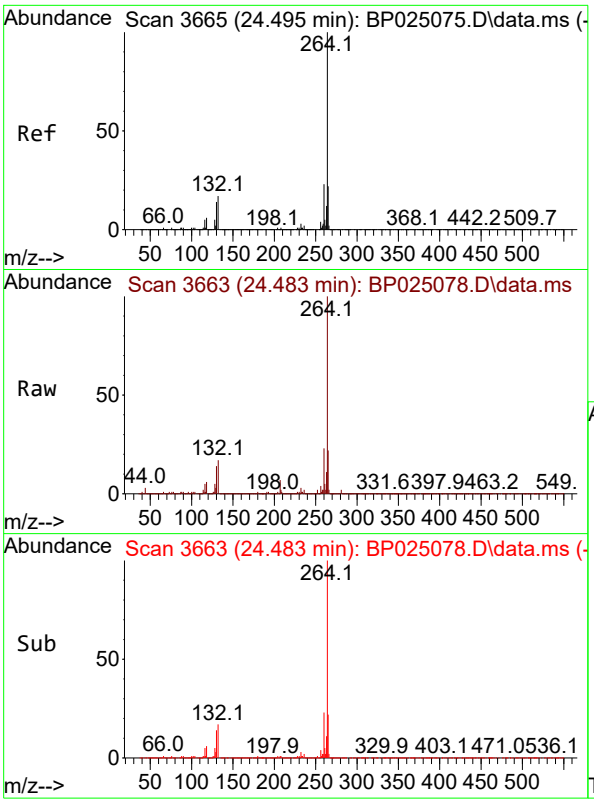


#85
Di-n-octyl phthalate
Concen: 79.212 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp:10681173

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

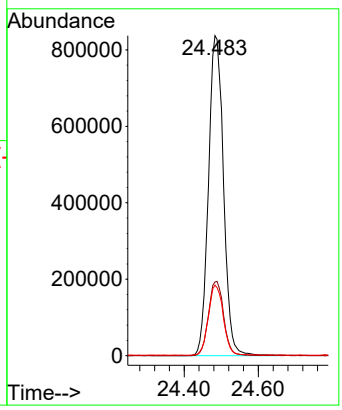




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:264 Resp: 235631

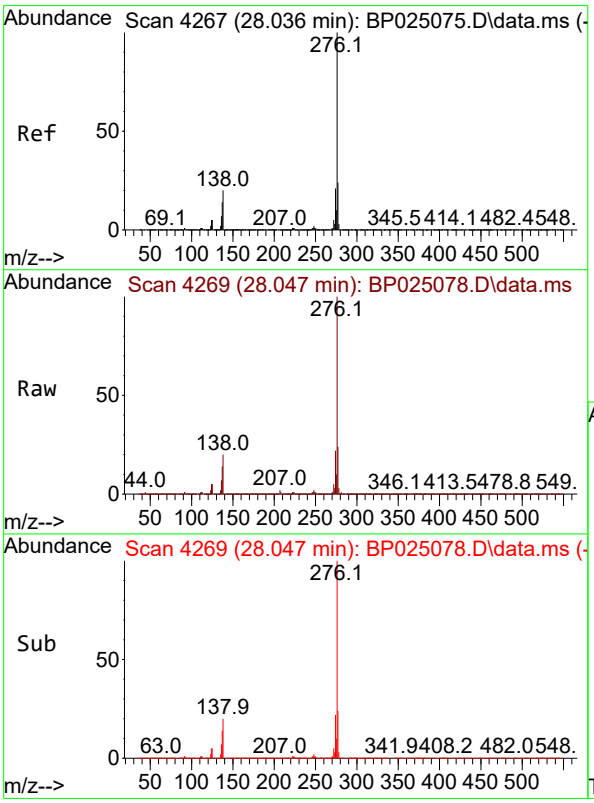
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.1	17.7	26.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

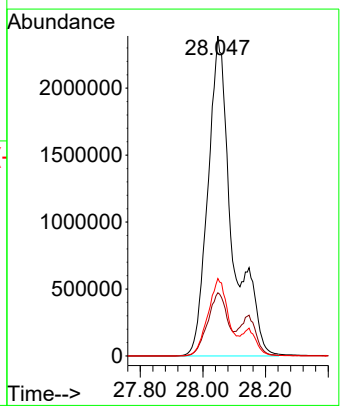
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

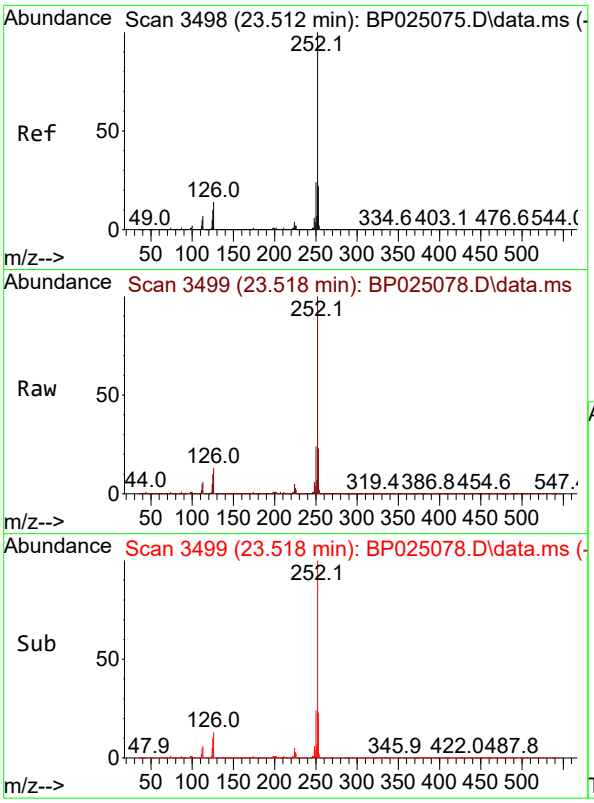


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.771 ng m
RT: 28.047 min Scan# 4269
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:12878282

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	20.5	15.9	23.9

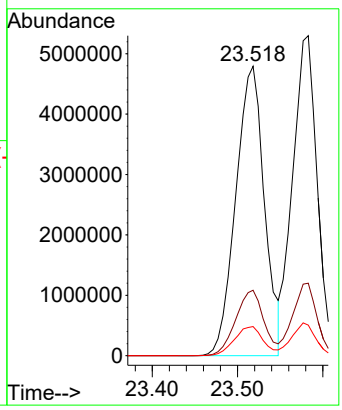




#88
Benzo(b)fluoranthene
Concen: 81.559 ng
RT: 23.518 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:1118581

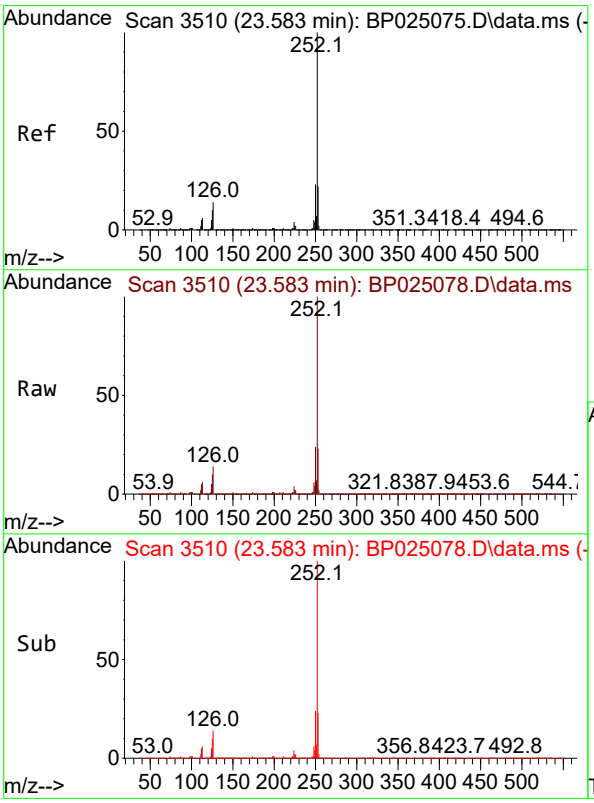
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.1	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

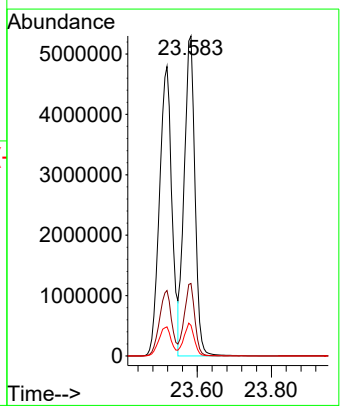
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

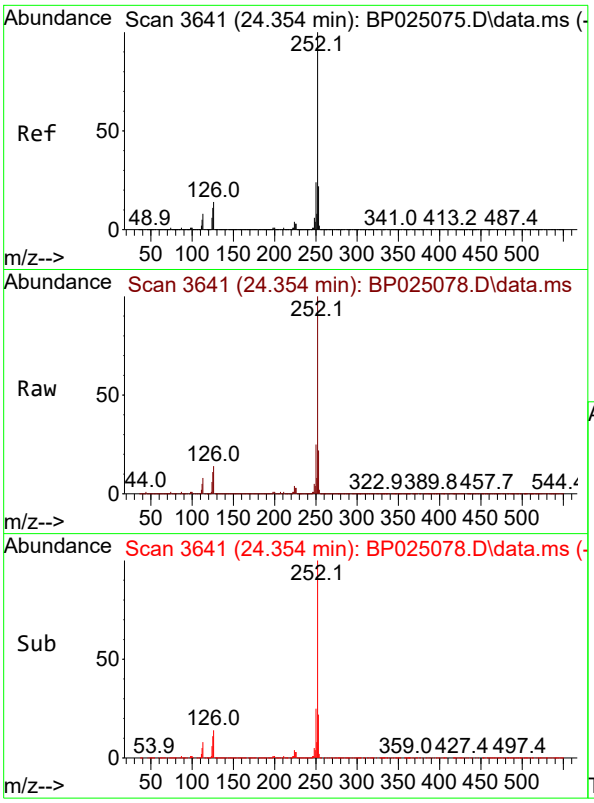


#89
Benzo(k)fluoranthene
Concen: 78.255 ng
RT: 23.583 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:10678946

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.6	8.2	12.2

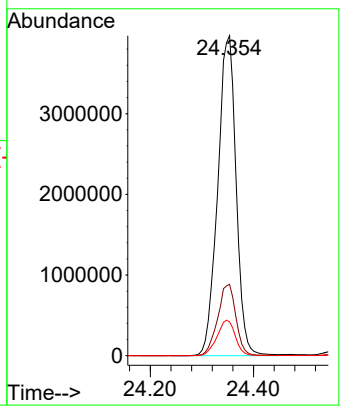




#90
Benzo(a)pyrene
Concen: 83.957 ng
RT: 24.354 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp: 980014

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.5	9.0	13.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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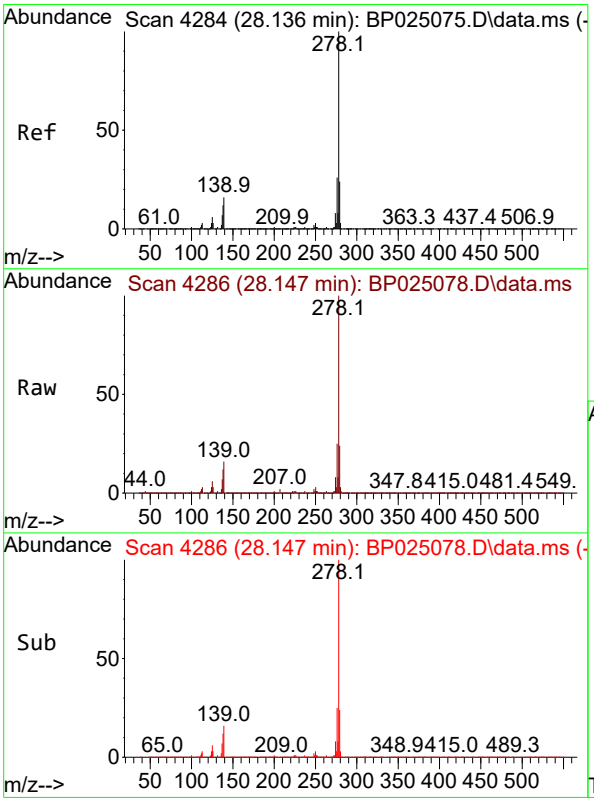
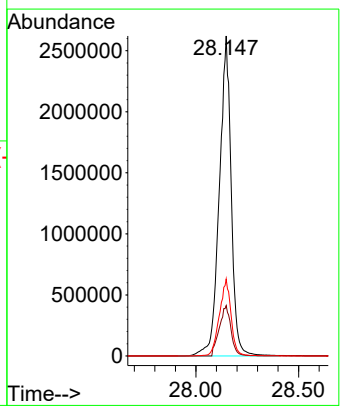
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

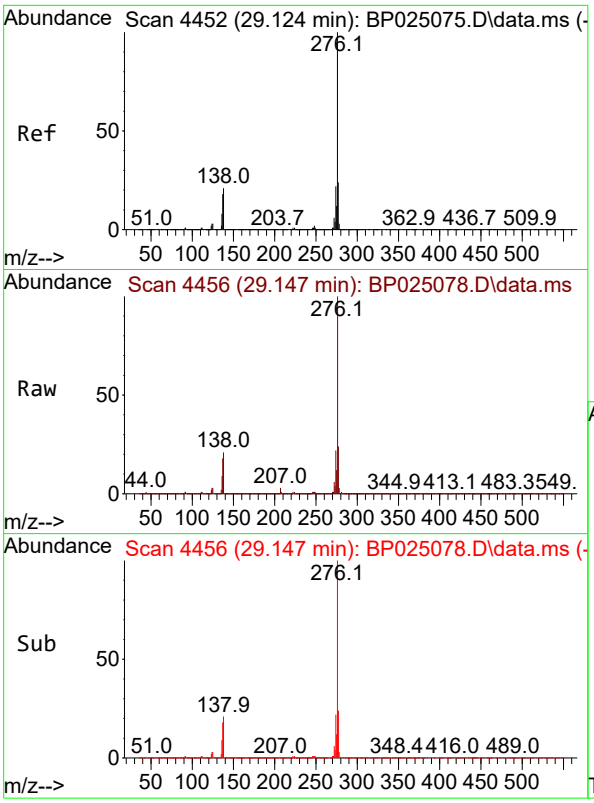


#91
Dibenzo(a,h)anthracene
Concen: 84.932 ng
RT: 28.147 min Scan# 4286
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:278 Resp:10538537

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.0	18.9	28.3

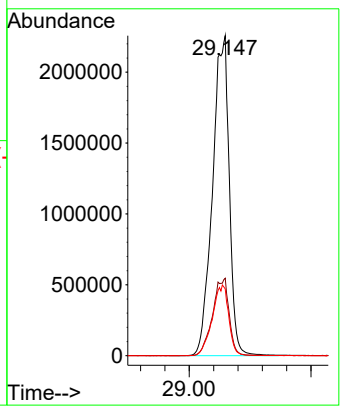




#92
Benzo(g,h,i)perylene
Concen: 83.943 ng
RT: 29.147 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:1075978

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	20.8	16.9	25.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	400883	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1637601	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1071158	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2157756	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2221808	20.000	ng	0.01
86) Perylene-d12	24.501	264	2415004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1806055	79.825	ng	0.00
7) Phenol-d6	6.631	99	2363715	80.057	ng	0.00
23) Nitrobenzene-d5	8.572	82	2040461	82.866	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1045523	82.624	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5442492	78.712	ng	0.00
79) Terphenyl-d14	19.689	244	8493260	84.014	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	332686	37.814	ng	99
3) Pyridine	3.484	79	940029	39.027	ng	98
4) n-Nitrosodimethylamine	3.402	42	397057	38.933	ng	97
6) Aniline	6.778	93	1098010	39.803	ng	100
8) 2-Chlorophenol	7.014	128	1023493	40.431	ng	99
9) Benzaldehyde	6.596	77	629753	40.841	ng	98
10) Phenol	6.655	94	1189351	39.645	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	905215	39.206	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1115941	39.389	ng	98
13) 1,4-Dichlorobenzene	7.472	146	1129771	39.387	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1075162	38.965	ng	99
15) Benzyl Alcohol	7.672	79	805339	40.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1158172	38.579	ng	98
17) 2-Methylphenol	7.872	107	786921	40.721	ng	100
18) Hexachloroethane	8.496	117	374849	40.115	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	709521	40.521	ng	99
20) 3+4-Methylphenols	8.196	107	1093973	40.415	ng	99
22) Acetophenone	8.243	105	1510122	38.992	ng	99
24) Nitrobenzene	8.613	77	1012505	40.369	ng	97
25) Isophorone	9.125	82	1857268	40.360	ng	100
26) 2-Nitrophenol	9.308	139	488721	40.694	ng	99
27) 2,4-Dimethylphenol	9.378	122	692324	40.332	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1236294	39.567	ng	99
29) 2,4-Dichlorophenol	9.837	162	985707	41.412	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1043043	39.571	ng	97
31) Naphthalene	10.231	128	3302943	39.170	ng	100
32) Benzoic acid	9.502	122	684343	40.952	ng	97
33) 4-Chloroaniline	10.343	127	1265959	40.229	ng	99
34) Hexachlorobutadiene	10.537	225	607380	40.154	ng	99
35) Caprolactam	11.107	113	332744	40.864	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	1018998	40.967	ng	98
37) 2-Methylnaphthalene	11.866	142	2340864	39.345	ng	100
38) 1-Methylnaphthalene	12.084	142	2280444	39.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1233612	40.072	ng	100
41) Hexachlorocyclopentadiene	12.237	237	345683	42.989	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	794957	42.646	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	894337	42.335	ng	98
46) 1,1'-Biphenyl	12.907	154	3042013	39.032	ng	100
47) 2-Chloronaphthalene	12.943	162	2296829	39.210	ng	99
48) 2-Nitroaniline	13.149	65	565340	39.894	ng	97
49) Acenaphthylene	13.807	152	3624825	40.431	ng	100
50) Dimethylphthalate	13.560	163	3009077	40.131	ng	99
51) 2,6-Dinitrotoluene	13.660	165	627637	42.919	ng	99
52) Acenaphthene	14.160	154	2271995m	39.318	ng	
53) 3-Nitroaniline	13.990	138	680440	43.418	ng	98
54) 2,4-Dinitrophenol	14.201	184	265751	40.066	ng	97
55) Dibenzofuran	14.507	168	3740234	39.220	ng	100
56) 4-Nitrophenol	14.313	139	612774	42.369	ng	97
57) 2,4-Dinitrotoluene	14.466	165	846954	39.932	ng	95
58) Fluorene	15.166	166	2925541	39.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	811401	42.414	ng	99
60) Diethylphthalate	14.972	149	3056611	40.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1430883	39.198	ng	98
62) 4-Nitroaniline	15.184	138	715671	43.550	ng	97
63) Azobenzene	15.472	77	2587410	38.583	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	379707	39.754	ng	97
66) n-Nitrosodiphenylamine	15.401	169	2472464	40.039	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	894455	40.486	ng	96
68) Hexachlorobenzene	16.201	284	1066631	39.499	ng	99
69) Atrazine	16.390	200	739881	40.888	ng	98
70) Pentachlorophenol	16.548	266	774549	42.471	ng	98
71) Phenanthrene	16.948	178	4552722	39.487	ng	100
72) Anthracene	17.060	178	4467088	40.385	ng	99
73) Carbazole	17.331	167	4335399	40.086	ng	100
74) Di-n-butylphthalate	17.966	149	5149955	42.761	ng	100
75) Fluoranthene	19.060	202	5415104	40.180	ng	99
77) Benzidine	19.272	184	2058569	52.461	ng	99
78) Pyrene	19.436	202	5698991	41.413	ng	100
80) Butylbenzylphthalate	20.442	149	2138437	40.921	ng	97
81) Benzo(a)anthracene	21.336	228	5501070	40.856	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	1808957	44.629	ng	100
83) Chrysene	21.401	228	5211272	40.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	3299494	45.685	ng	99
85) Di-n-octyl phthalate	22.566	149	5256676	40.750	ng	100
87) Indeno(1,2,3-cd)pyrene	28.048	276	6494157m	42.211	ng	
88) Benzo(b)fluoranthene	23.519	252	5782492	41.137	ng	100
89) Benzo(k)fluoranthene	23.589	252	5590808	39.974	ng	100
90) Benzo(a)pyrene	24.354	252	4952570	41.397	ng	100
91) Dibenzo(a,h)anthracene	28.130	278	5394843	42.422	ng	99
92) Benzo(g,h,i)perylene	29.148	276	5498609	41.855	ng	99

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

ICAL Form

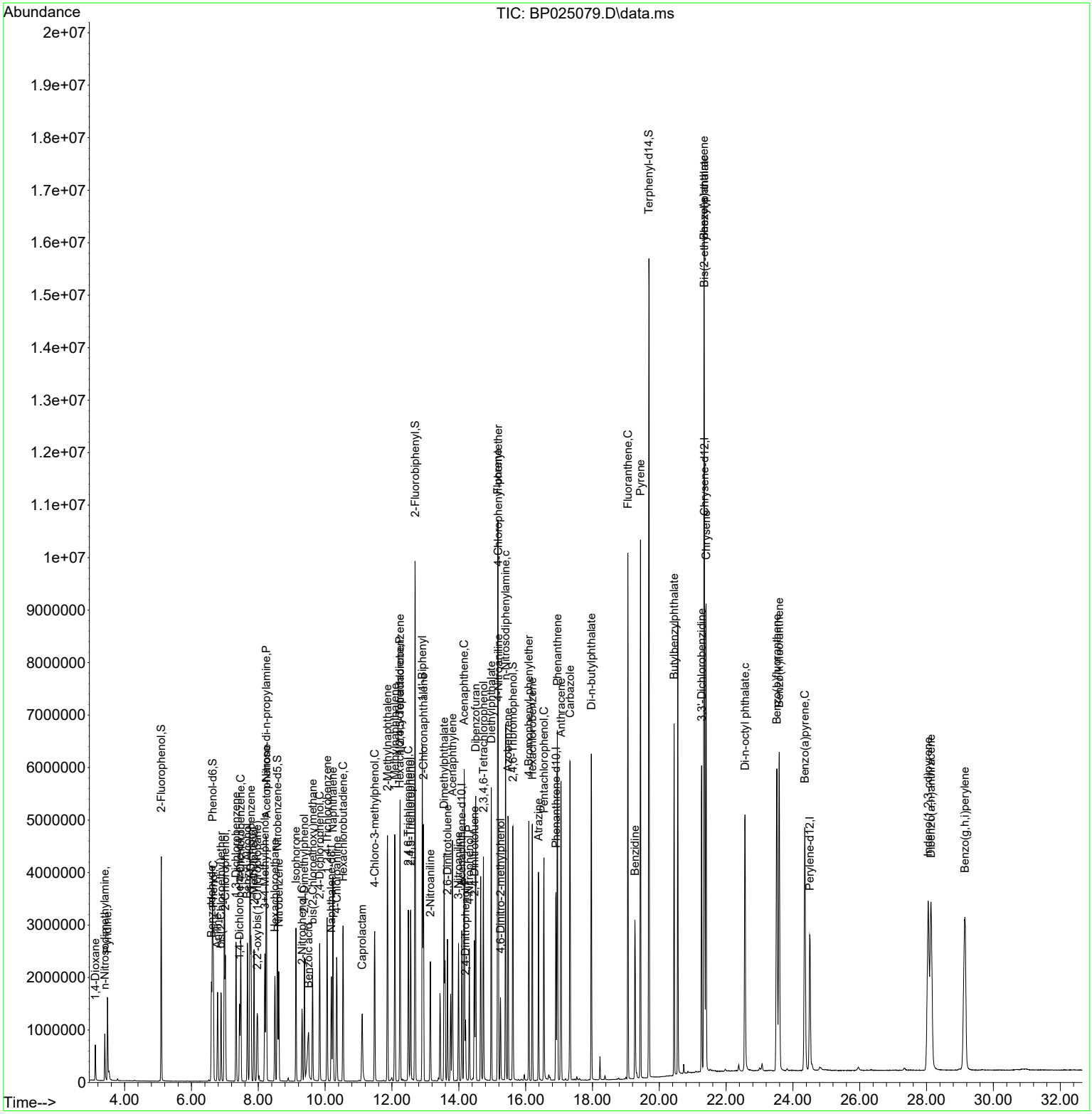
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

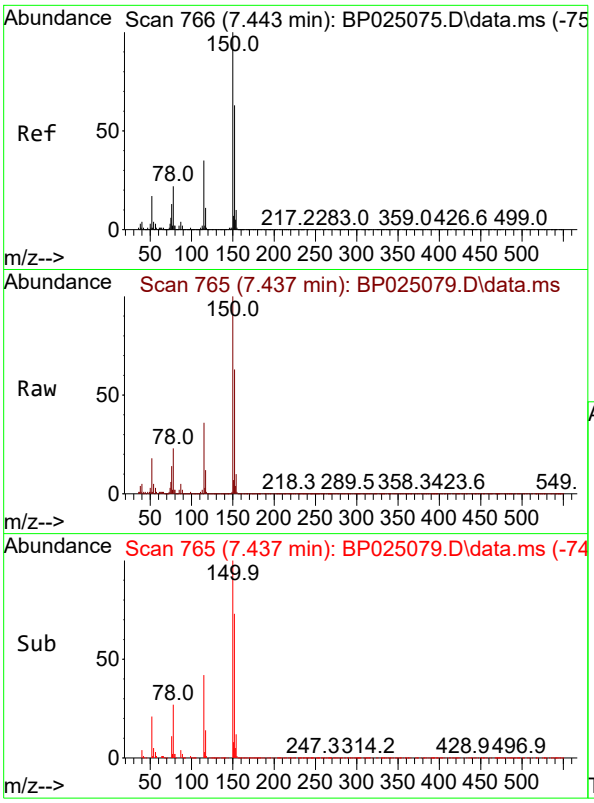
Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations APPROVED

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

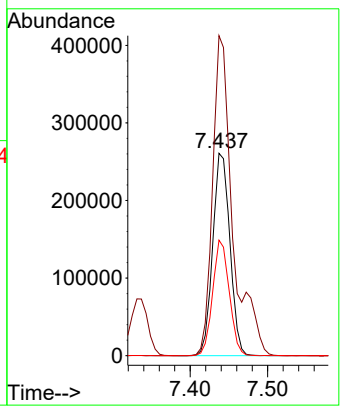




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:152 Resp: 40088

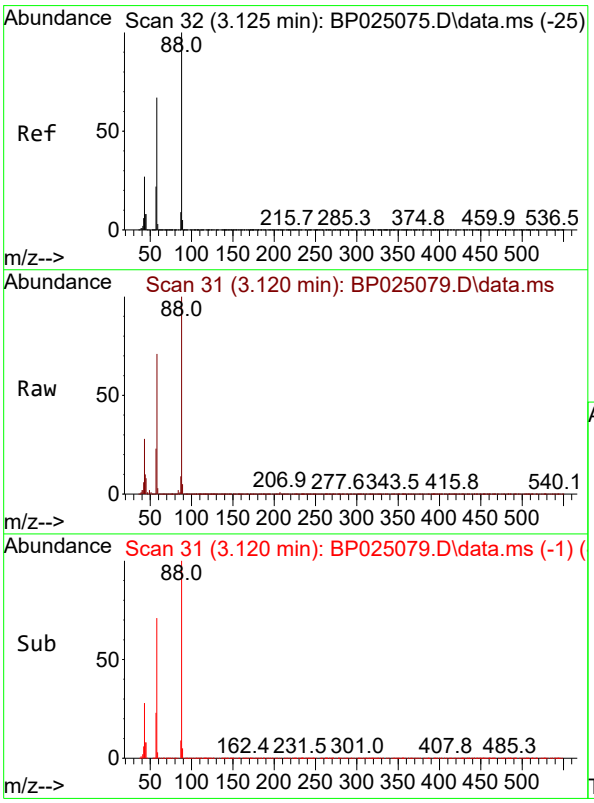
Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	57.1	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

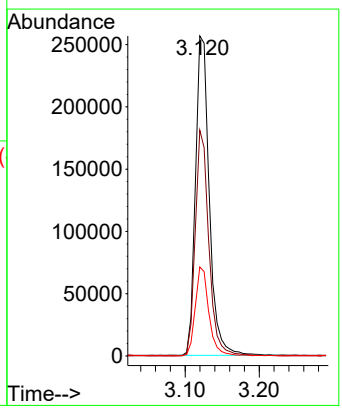
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

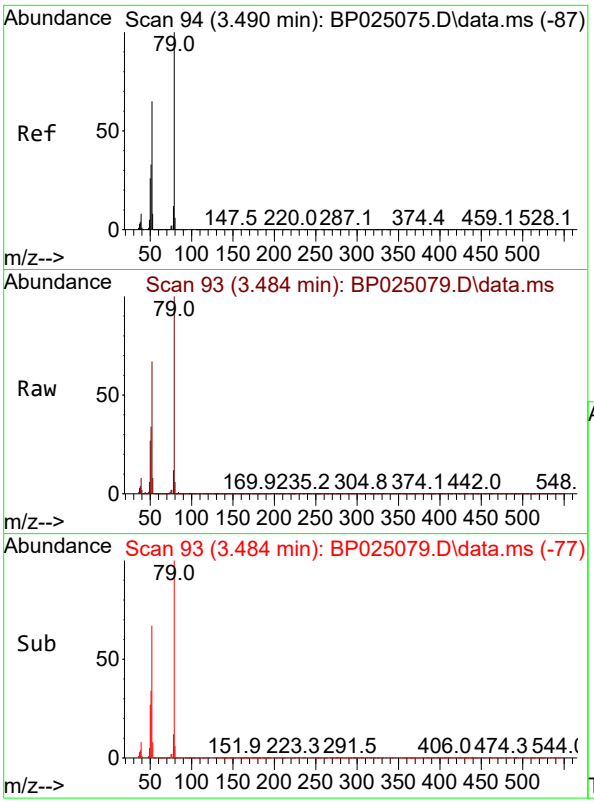


#2
1,4-Dioxane
Concen: 37.814 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 88 Resp: 332686

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	27.7	21.9	32.9

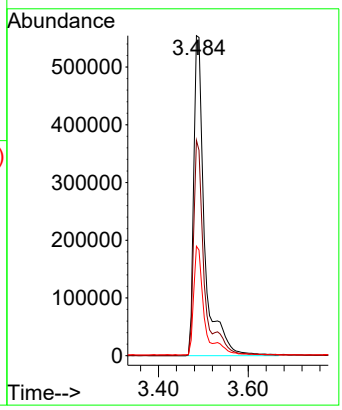




#3
Pyridine
Concen: 39.027 ng
RT: 3.484 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 79 Resp: 94002

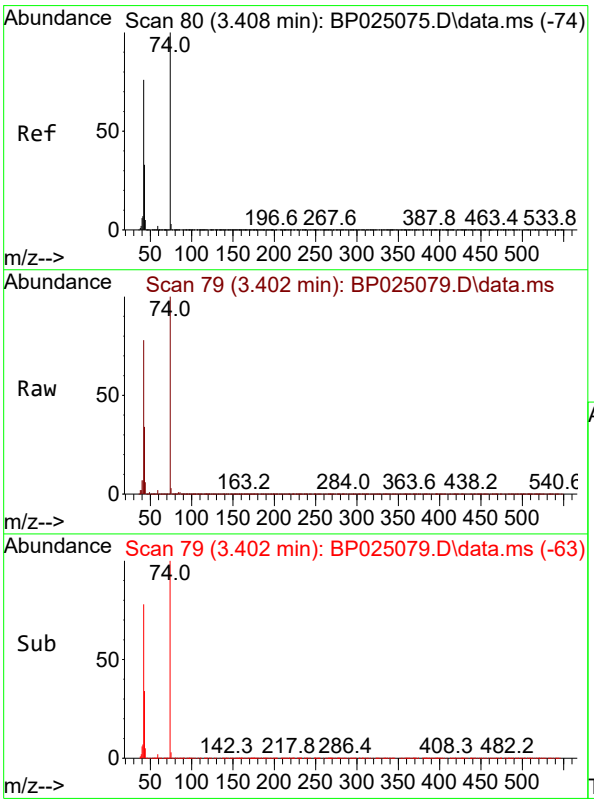
Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	34.2	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Manual Integrations
APPROVED

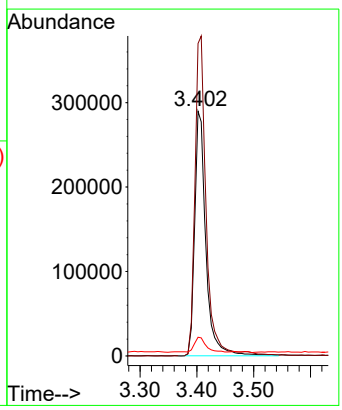
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

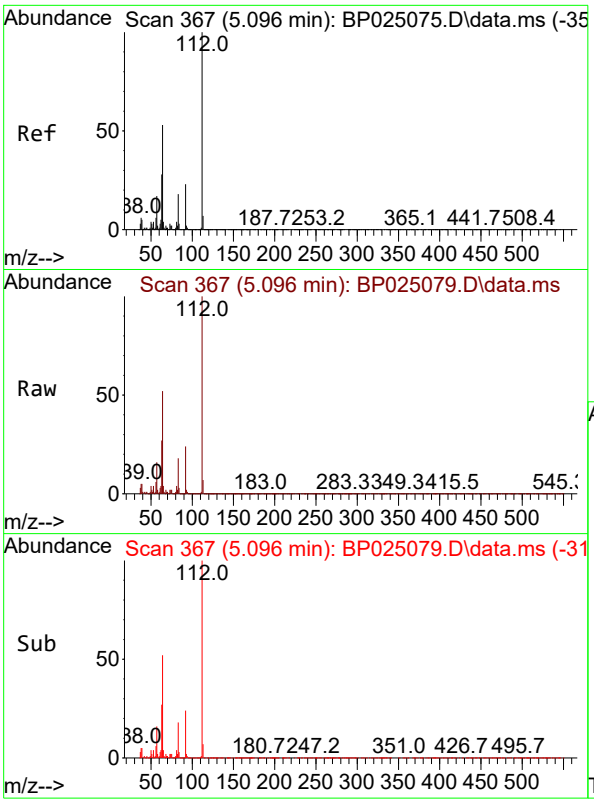


#4
n-Nitrosodimethylamine
Concen: 38.933 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 42 Resp: 397057

Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.2	157.8
44	7.7	6.6	9.8

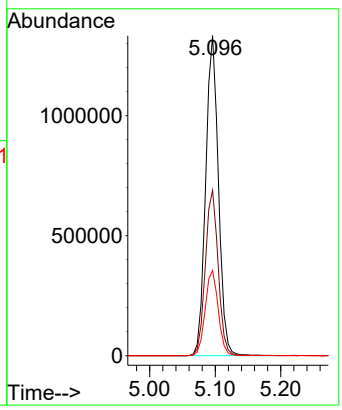




#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:112 Resp: 180605

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	26.6	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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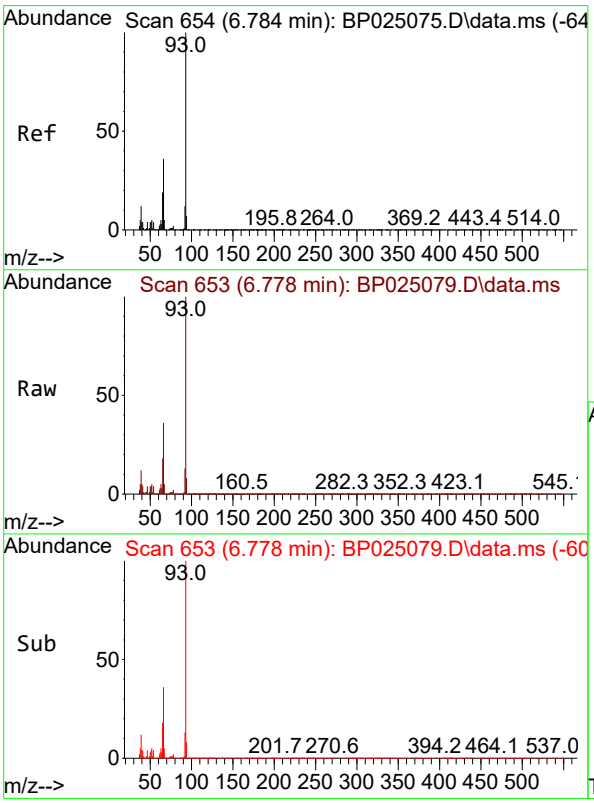
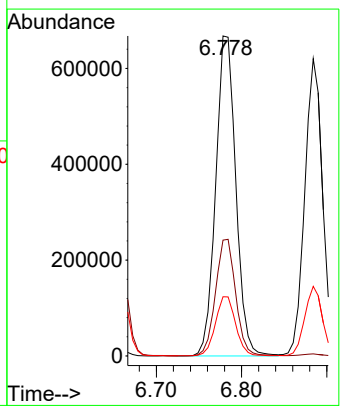
Supervised By :Jagrut Upadhyay 07/07/2025

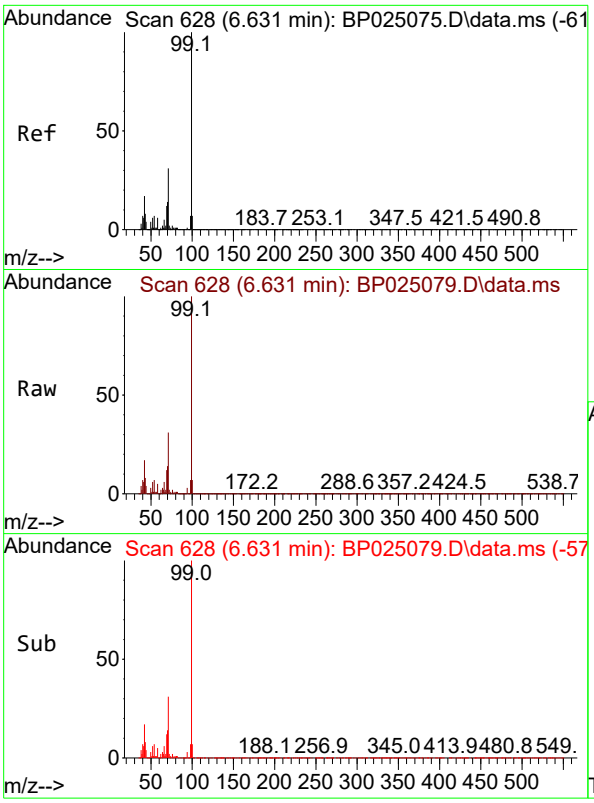


#6
Aniline
Concen: 39.803 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1098010

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.9	43.3
65	18.5	15.2	22.8

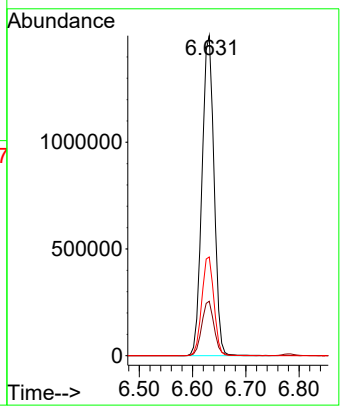




#7
Phenol-d6
Concen: 80.057 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 99 Resp: 236371

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.9	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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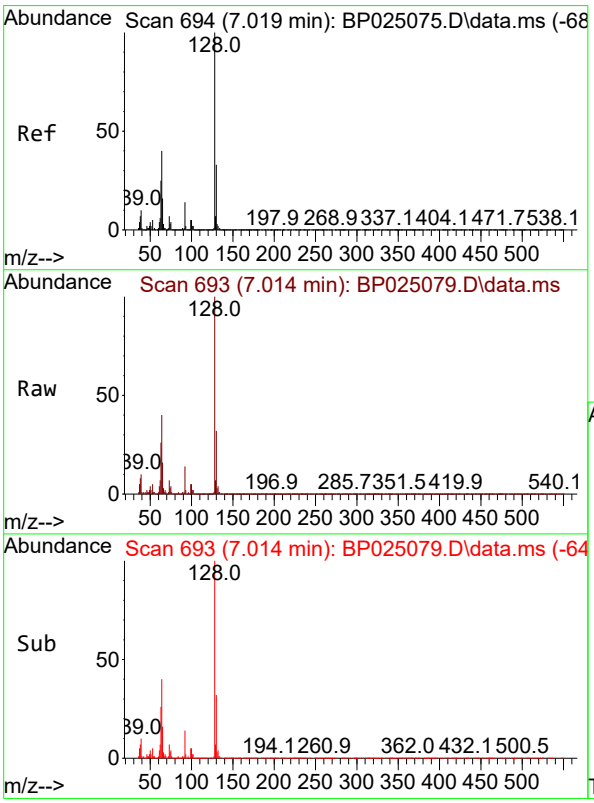
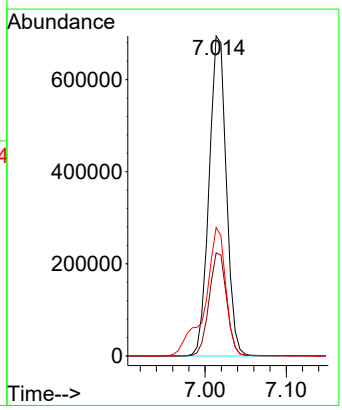
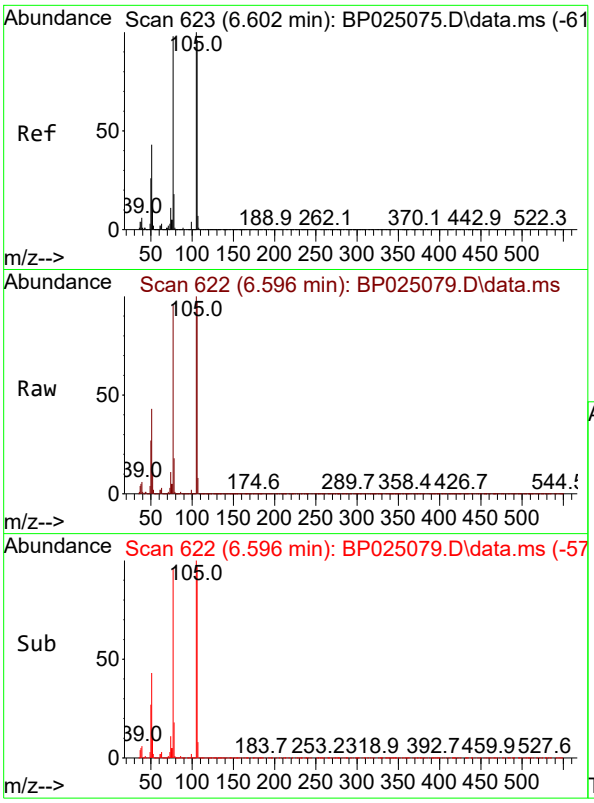


#8
2-Chlorophenol
Concen: 40.431 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 1023493

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	40.2	20.3	60.3

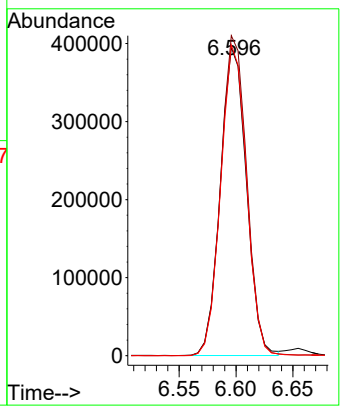




#9
Benzaldehyde
Concen: 40.841 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 62975

Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.8	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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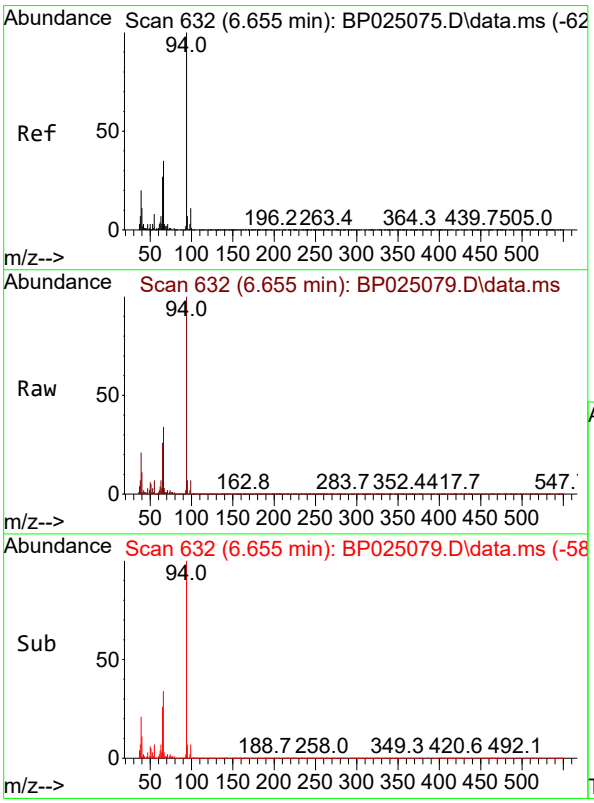
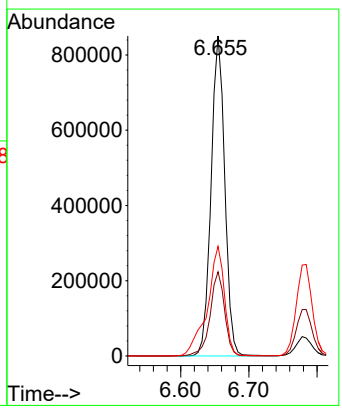
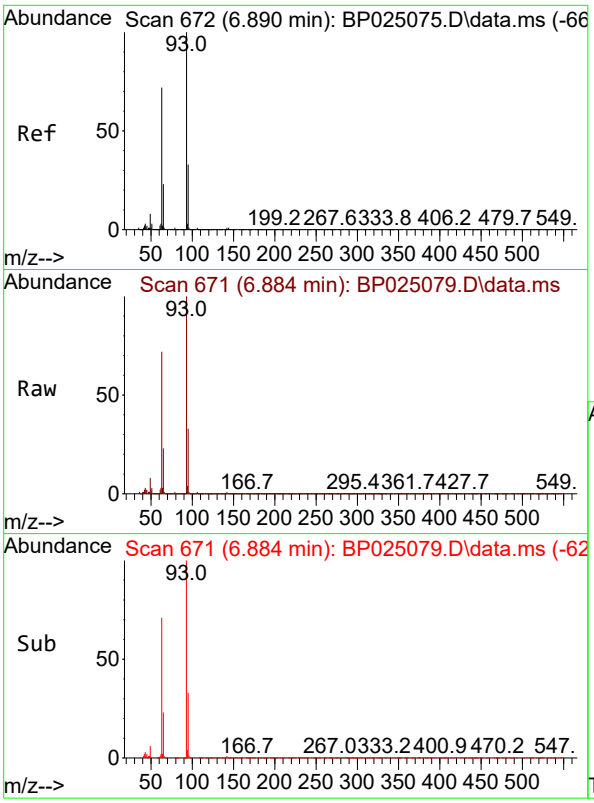


#10
Phenol
Concen: 39.645 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 94 Resp: 1189351

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.2	14.6	54.6

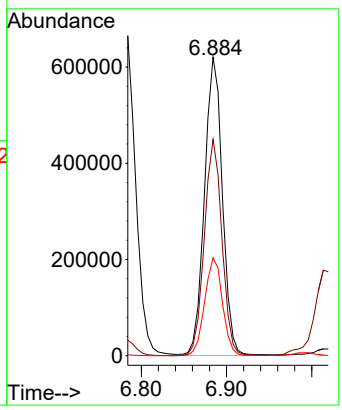




#11
bis(2-Chloroethyl)ether
Concen: 39.206 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 90521

Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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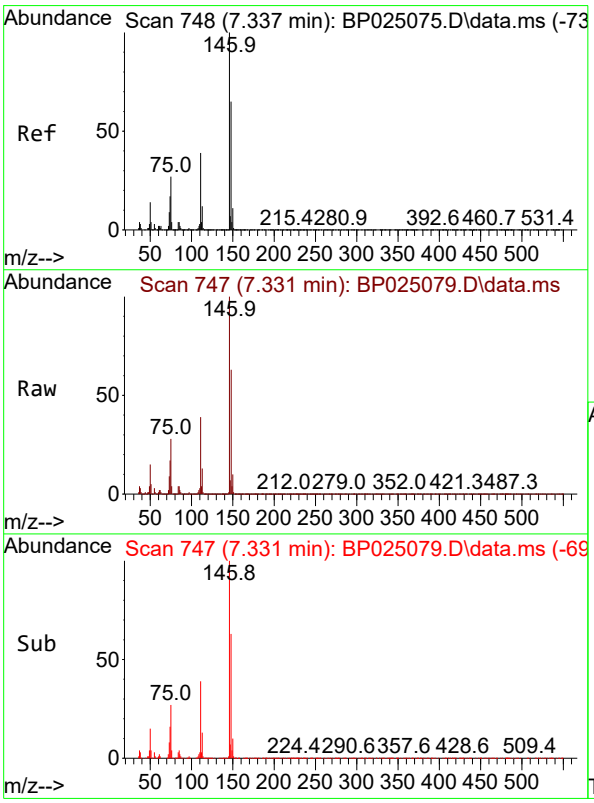
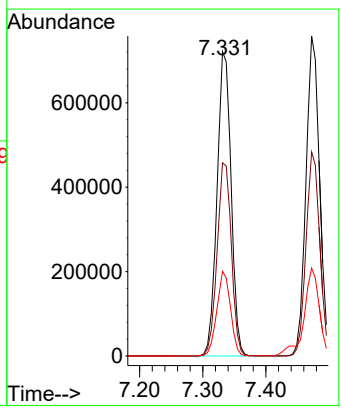
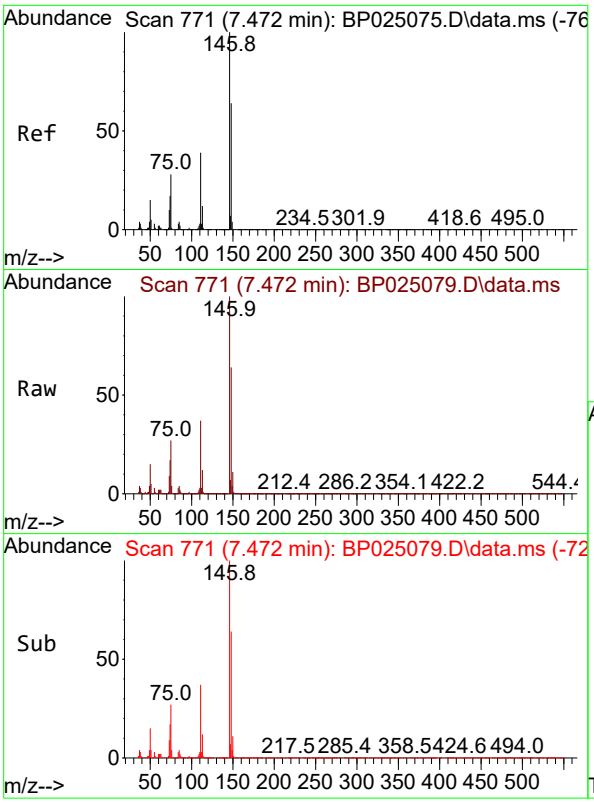


#12
1,3-Dichlorobenzene
Concen: 39.389 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1115941

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	27.8	21.8	32.6

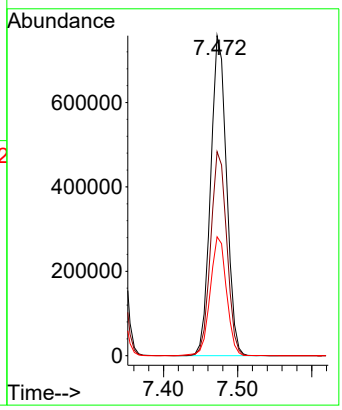




#13
1,4-Dichlorobenzene
Concen: 39.387 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 112977

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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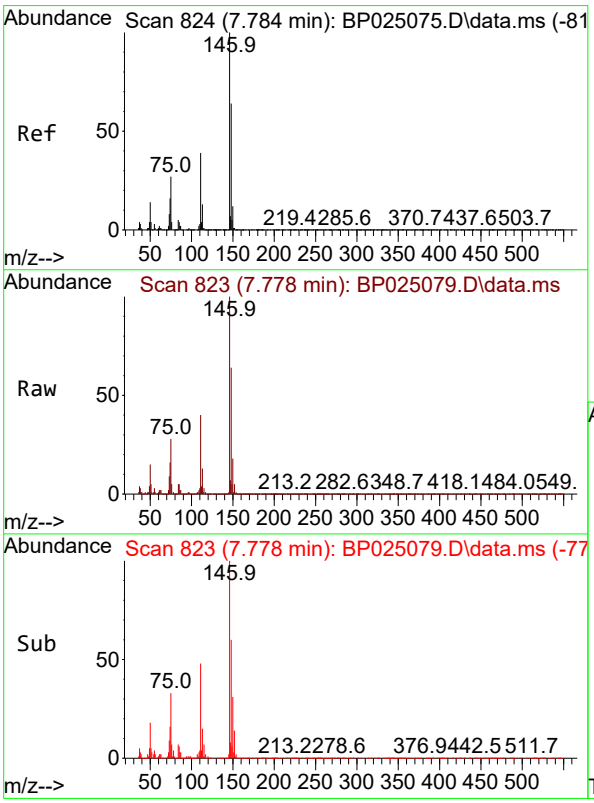
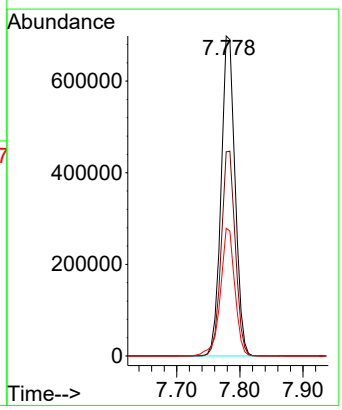
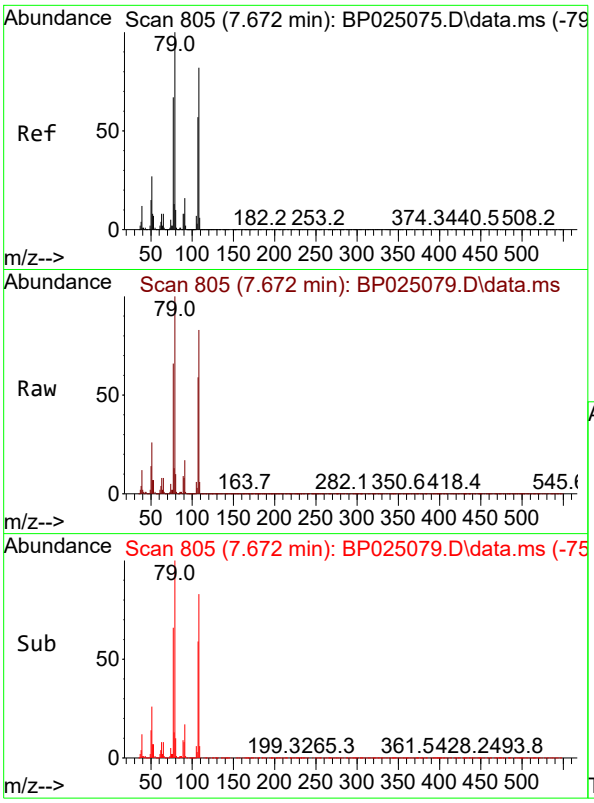


#14
1,2-Dichlorobenzene
Concen: 38.965 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1075162

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	39.9	31.2	46.8





#15
Benzyl Alcohol
Concen: 40.867 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 79 Resp: 80533(

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.0	99.0
77	65.7	53.4	80.2

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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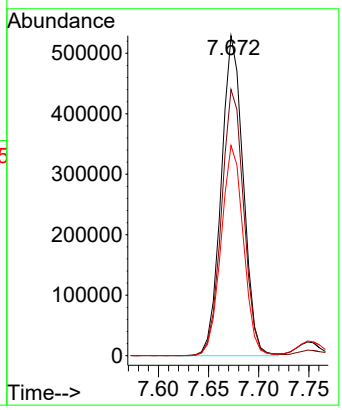
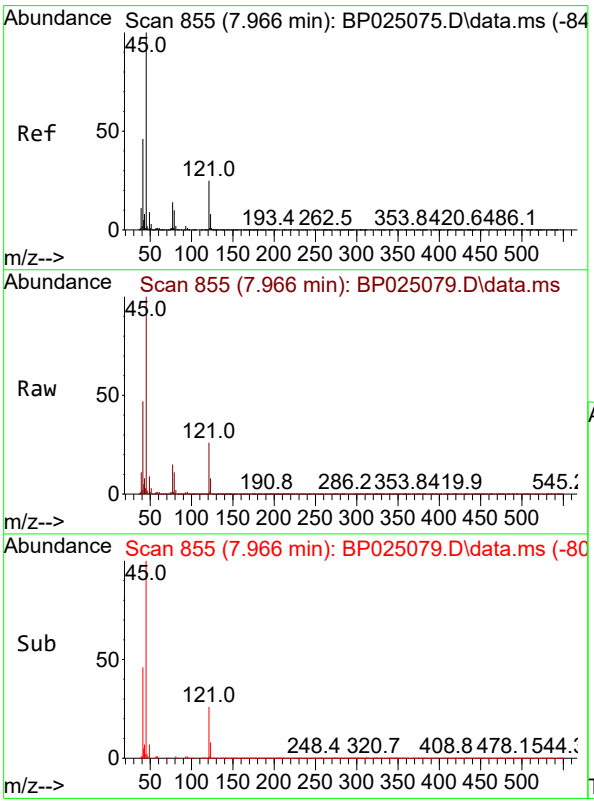
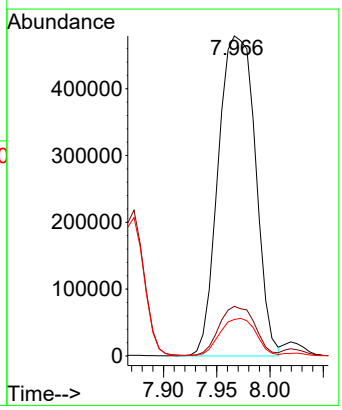


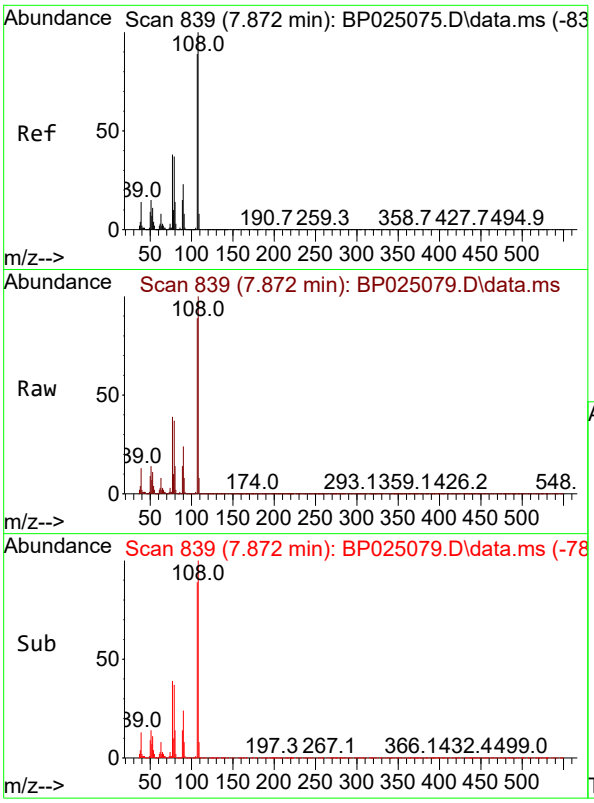


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 45 Resp: 1158172

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.4	0.0	30.7

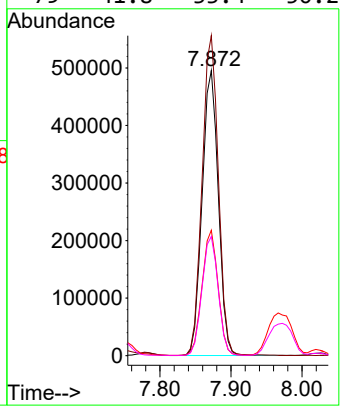




#17
2-Methylphenol
Concen: 40.721 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 78692

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	44.0	34.2	51.4
79	41.8	33.4	50.2



Instrument :
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ClientSampleId :
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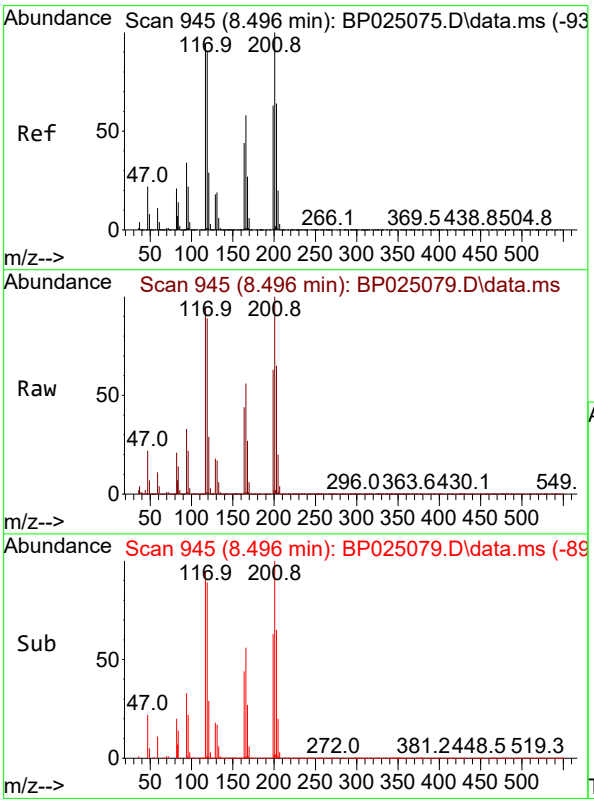
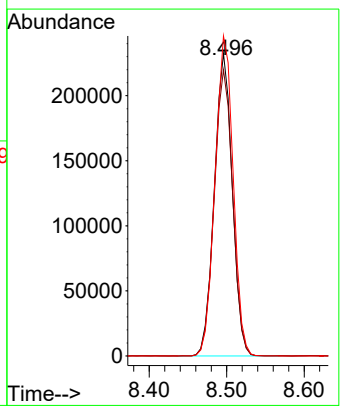
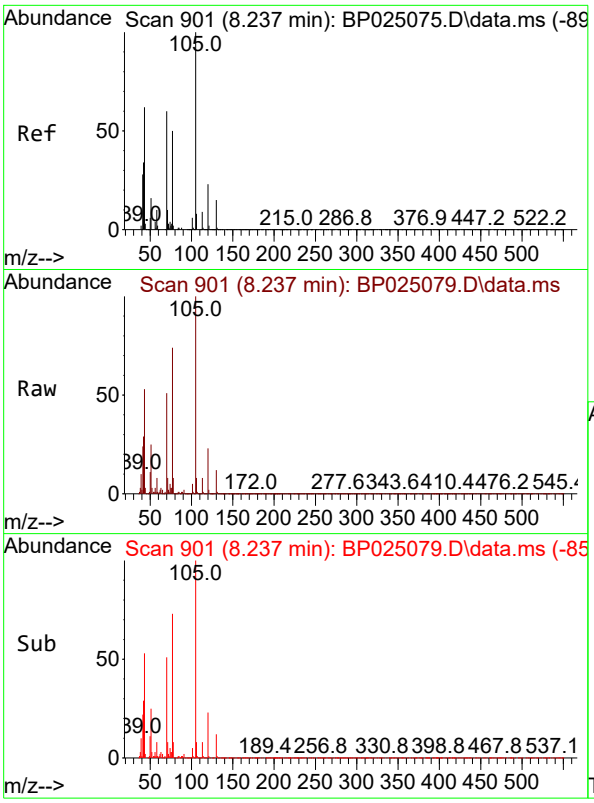


#18
Hexachloroethane
Concen: 40.115 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:117 Resp: 374849

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	105.8	85.4	128.2

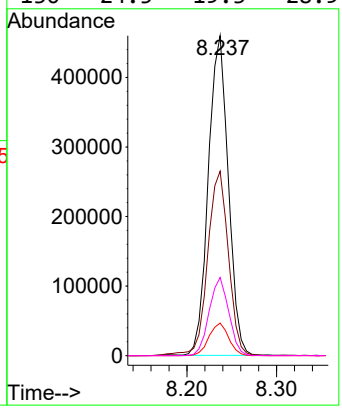




#19
n-Nitroso-di-n-propylamine
Concen: 40.521 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 70 Resp: 70952

Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.5	69.7
101	10.2	7.9	11.9
130	24.5	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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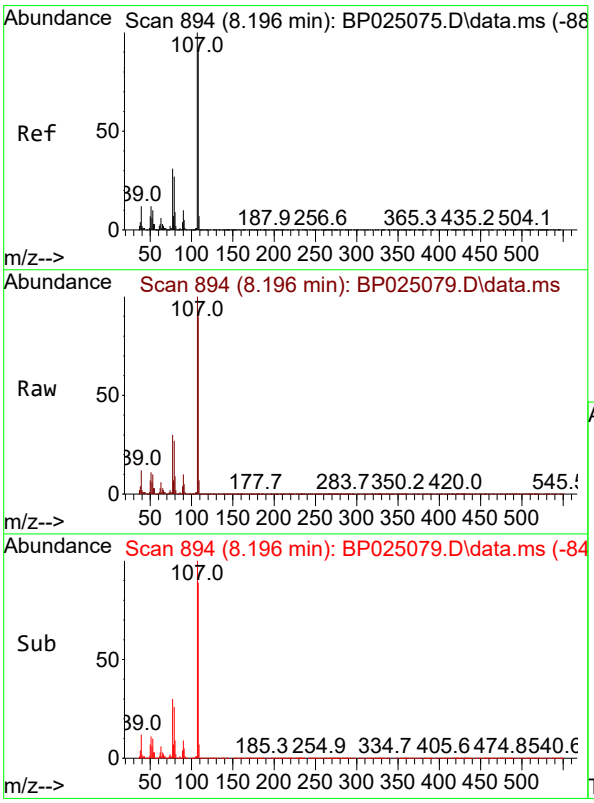
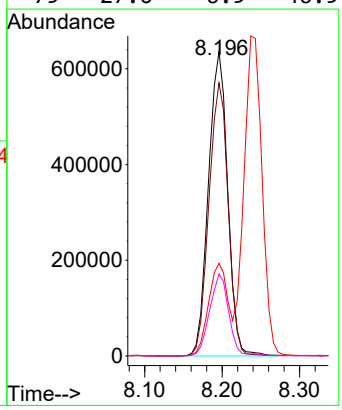
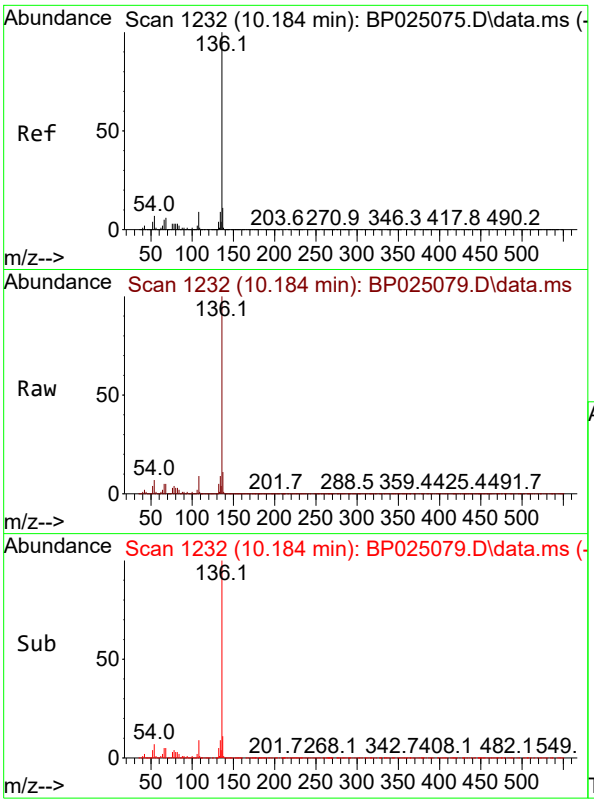


#20
3+4-Methylphenols
Concen: 40.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1093973

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	30.5	11.4	51.4
79	27.0	6.9	46.9

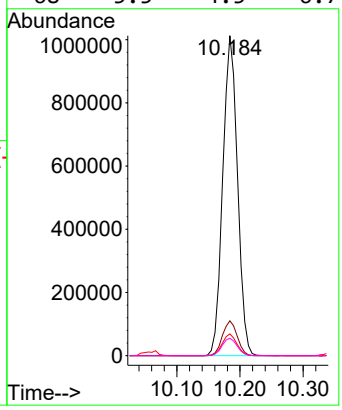




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:136 Resp: 163760

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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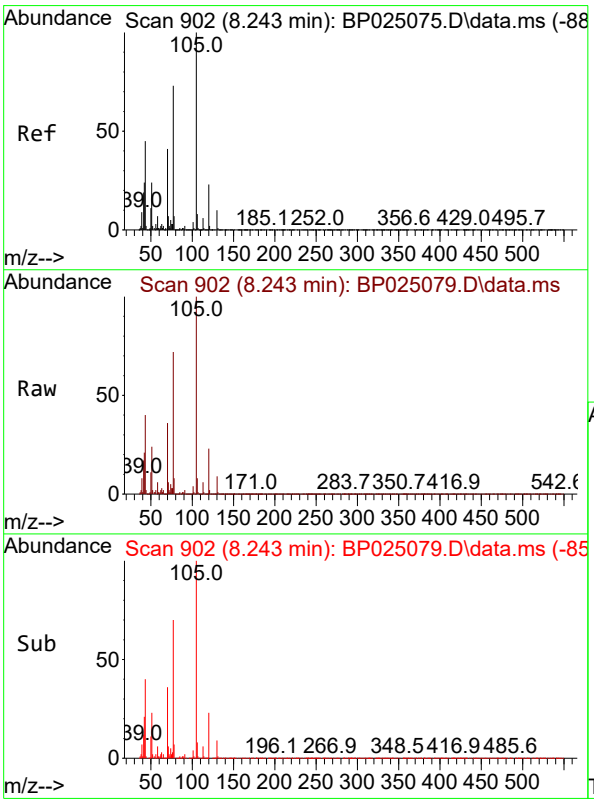
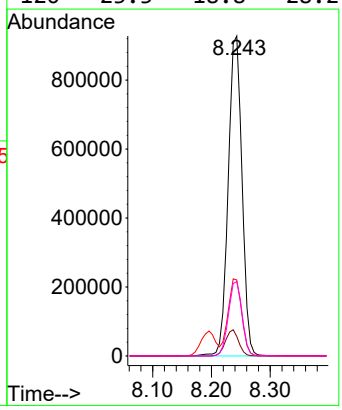
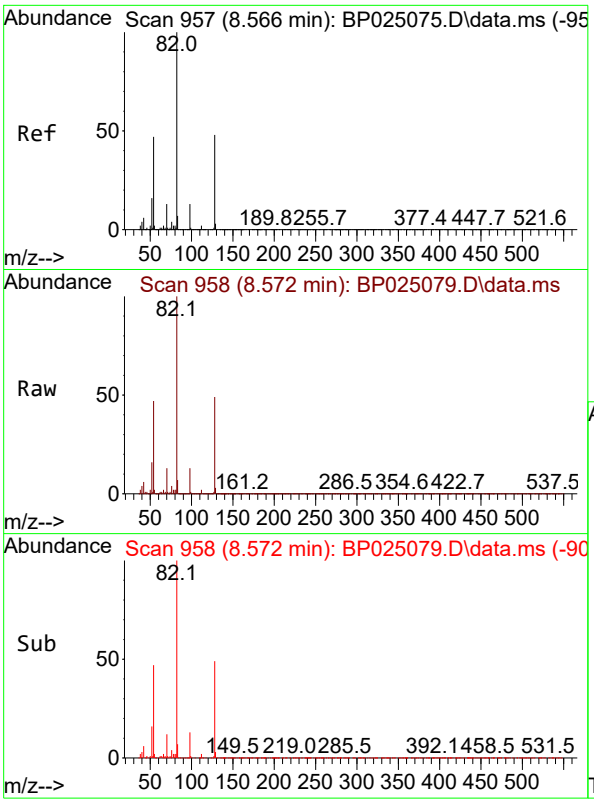


#22
Acetophenone
Concen: 38.992 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:105 Resp: 1510122

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.2
51	23.8	19.6	29.4
120	23.3	18.8	28.2

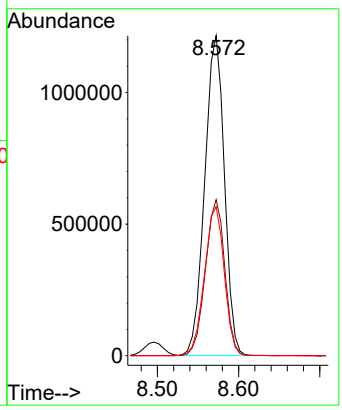




#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 82 Resp: 204046

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.4	57.6
54	46.6	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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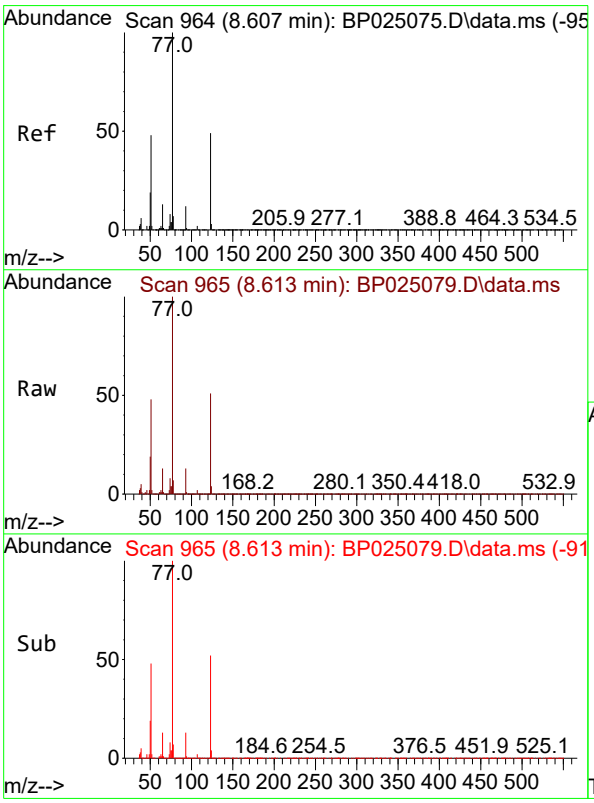
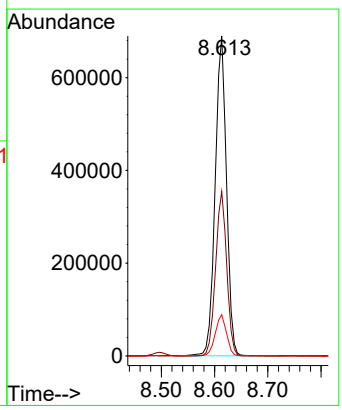
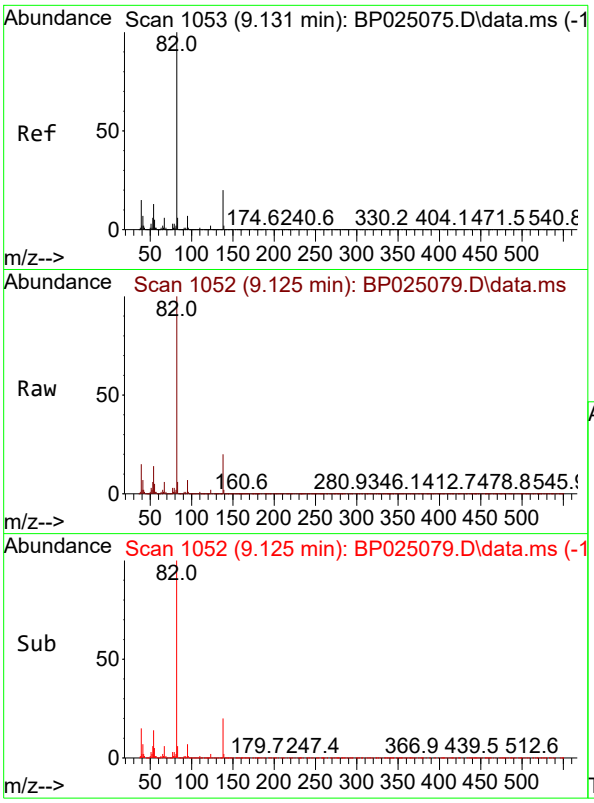


#24
Nitrobenzene
Concen: 40.369 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 1012505

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	12.9	10.7	16.1

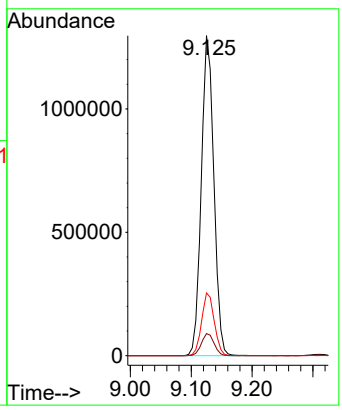




#25
Isophorone
Concen: 40.360 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 82 Resp: 185726

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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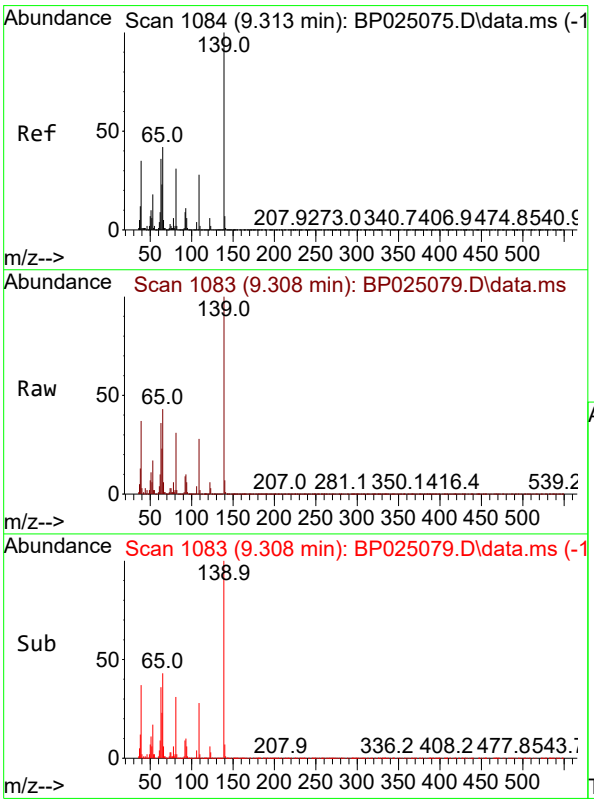
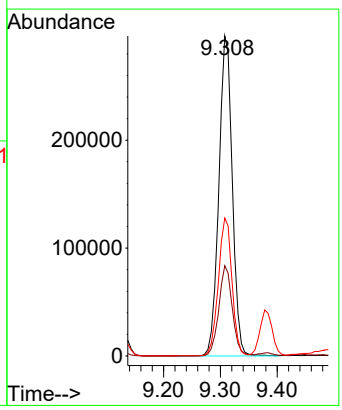
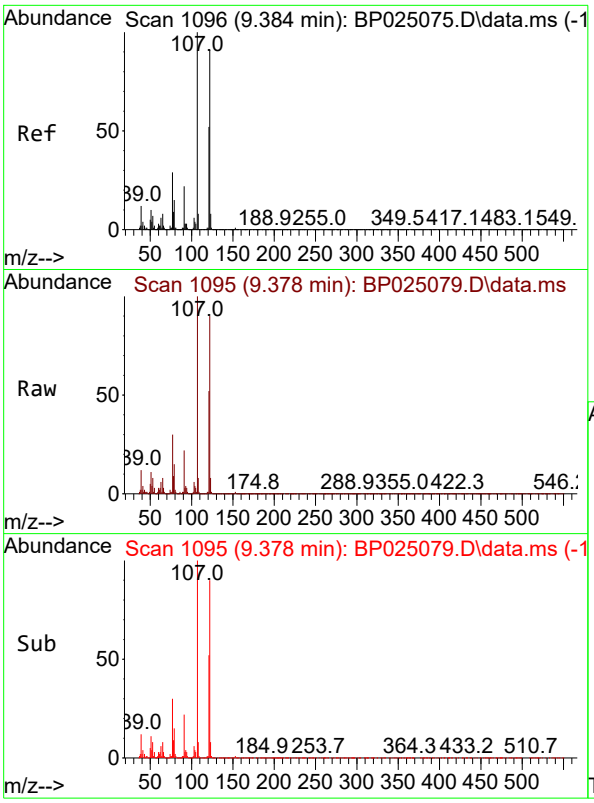


#26
2-Nitrophenol
Concen: 40.694 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 488721

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.3	33.5
65	43.1	33.8	50.8

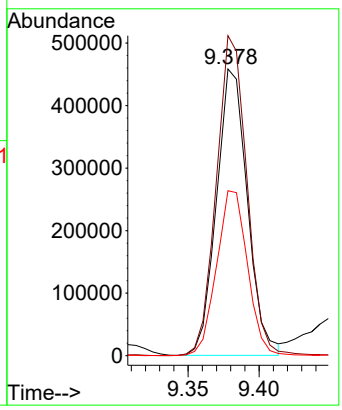




#27
2,4-Dimethylphenol
Concen: 40.332 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 69232

Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.2	132.2
121	57.5	46.1	69.1



Instrument :
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ClientSampleId :
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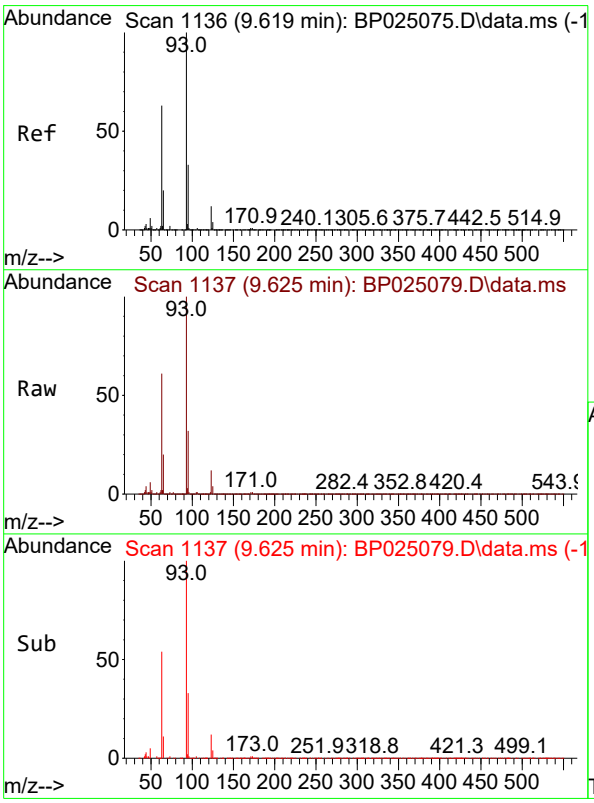
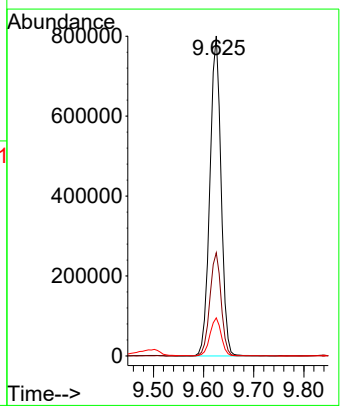
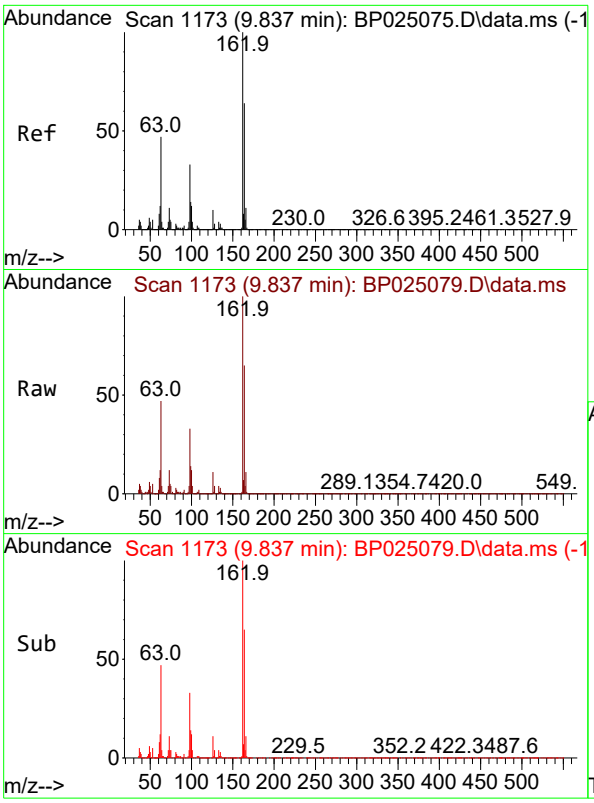


#28
bis(2-Chloroethoxy)methane
Concen: 39.567 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1236294

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 41.412 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:162 Resp: 98570

Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.4	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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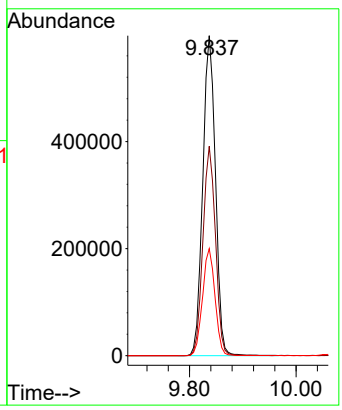
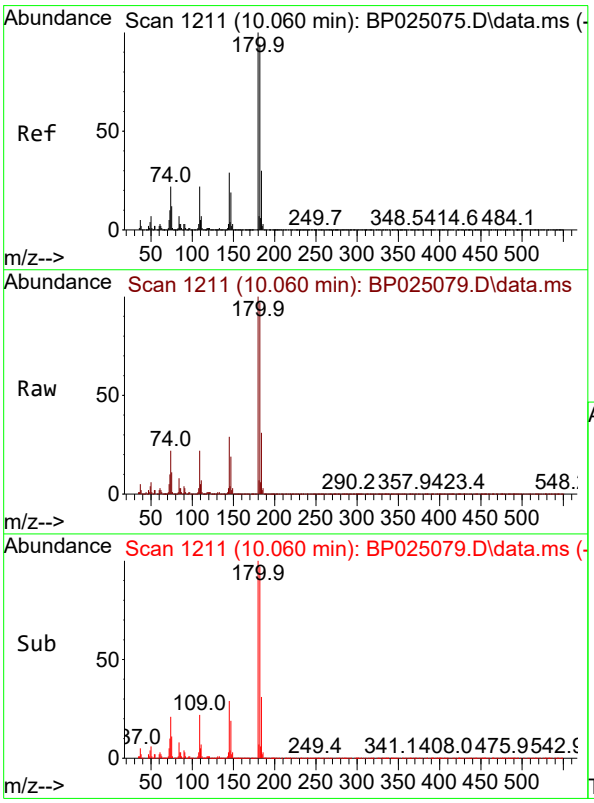
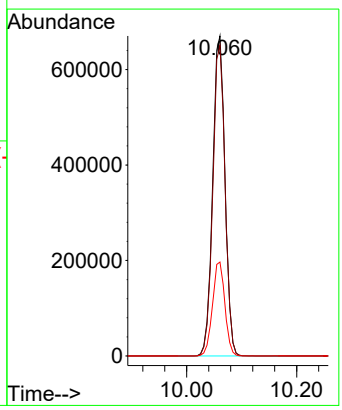


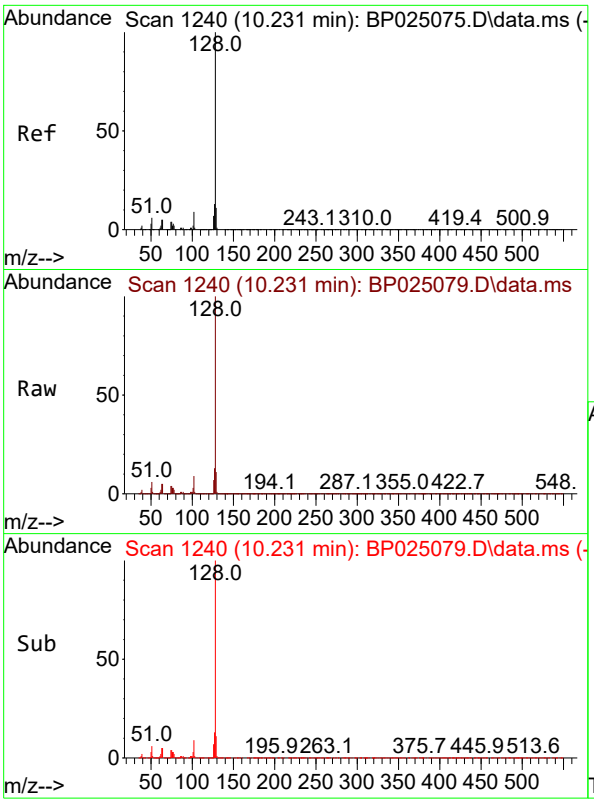


#30
1,2,4-Trichlorobenzene
Concen: 39.571 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:180 Resp: 1043043

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.4	23.3	34.9

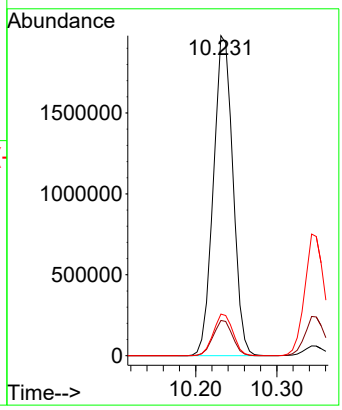




#31
Naphthalene
Concen: 39.170 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 330294

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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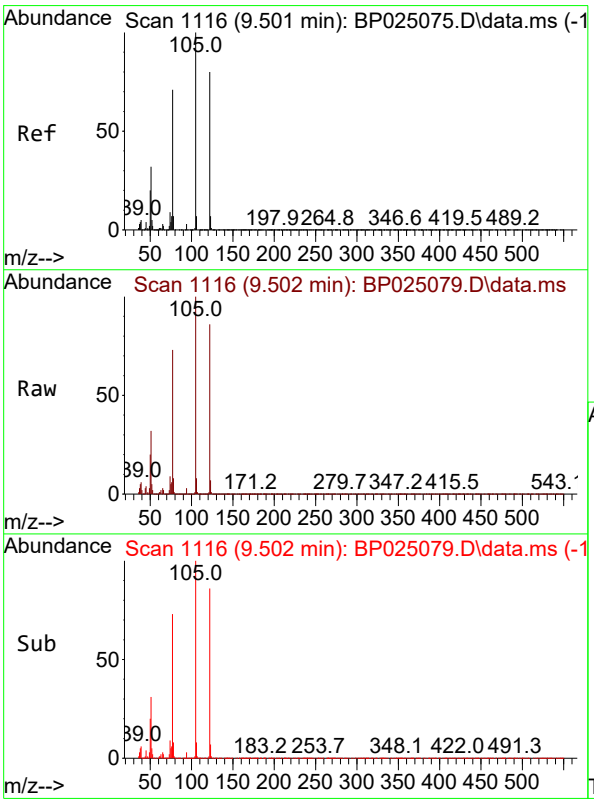
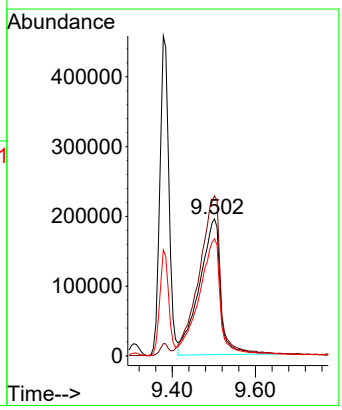
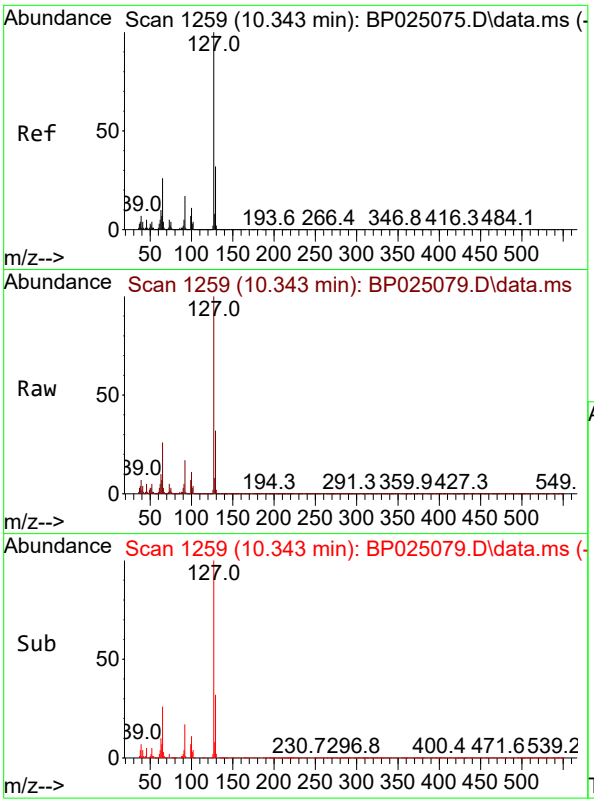


#32
Benzoic acid
Concen: 40.952 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 684343

Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.0	141.0
77	85.5	67.6	107.6

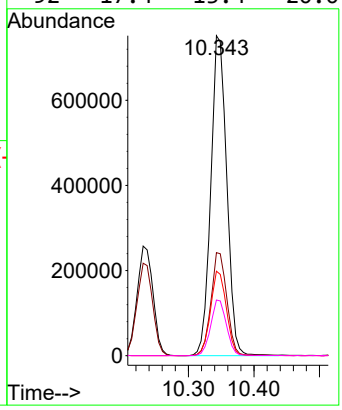




#33
4-Chloroaniline
Concen: 40.229 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:127 Resp: 126595

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	26.4	21.0	31.6
92	17.4	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
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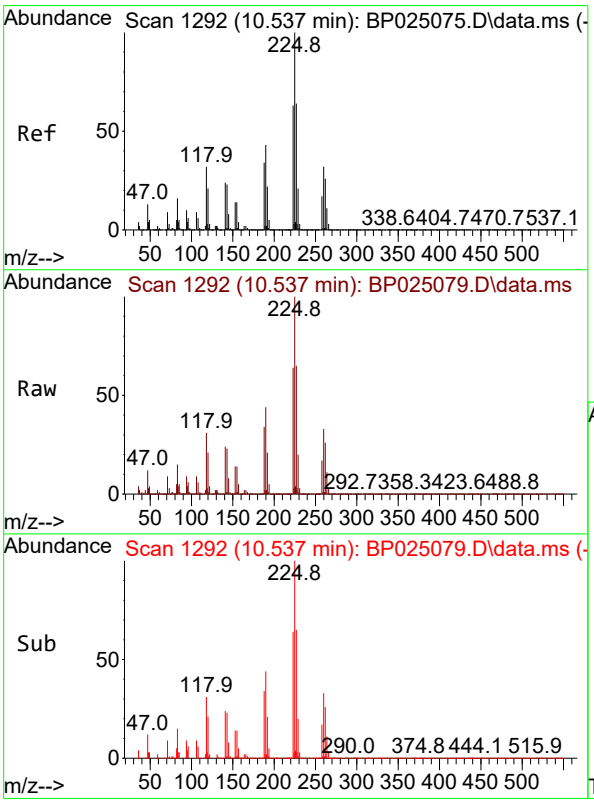
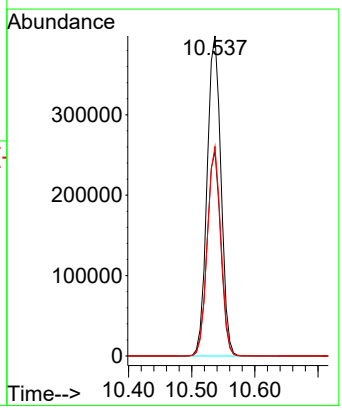
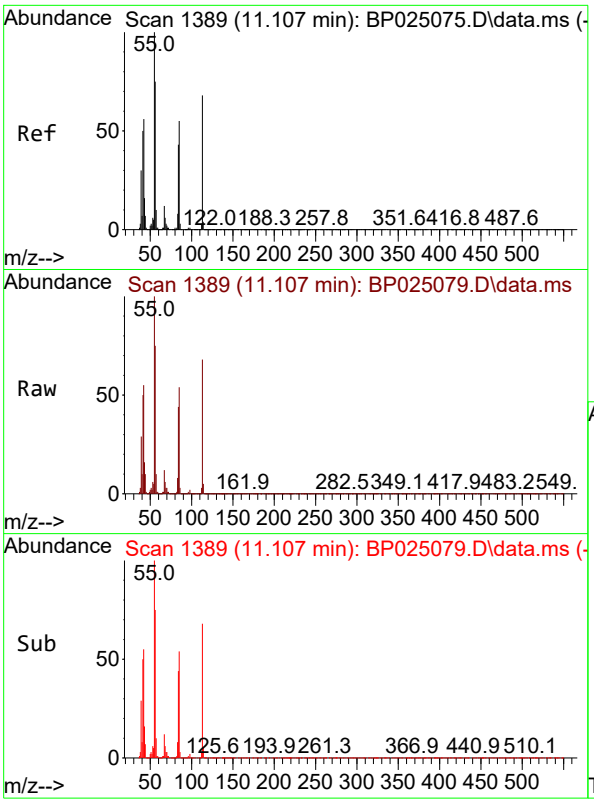


#34
Hexachlorobutadiene
Concen: 40.154 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:225 Resp: 607380

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.5	51.3	76.9

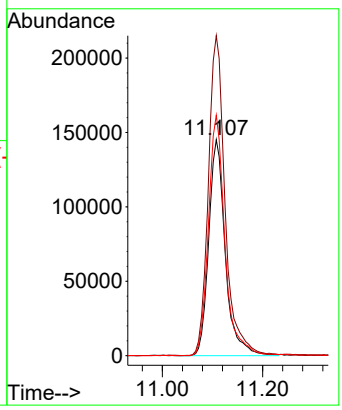




#35
Caprolactam
Concen: 40.864 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:113 Resp: 33274

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	111.3	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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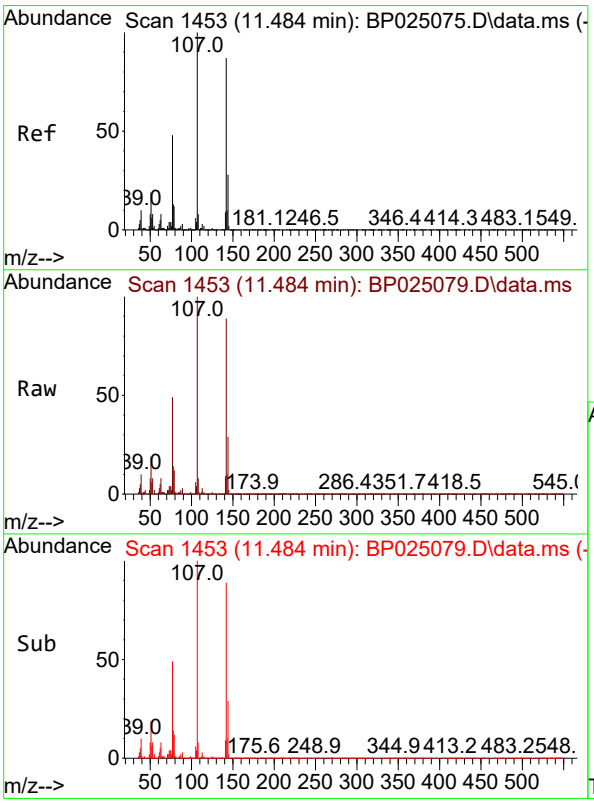
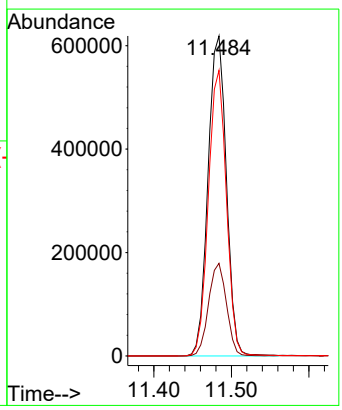
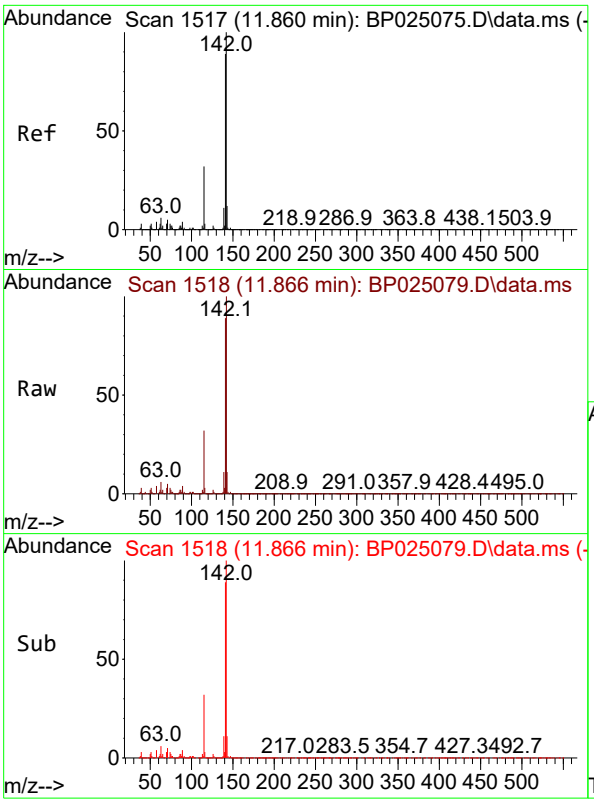


#36
4-Chloro-3-methylphenol
Concen: 40.967 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1018998

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.3	69.6	104.4

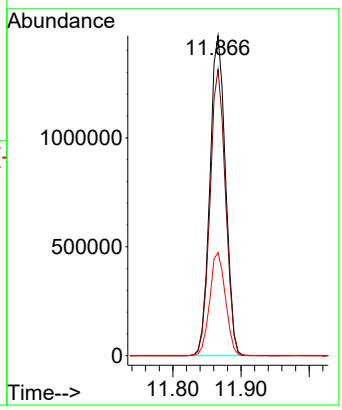




#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 234086

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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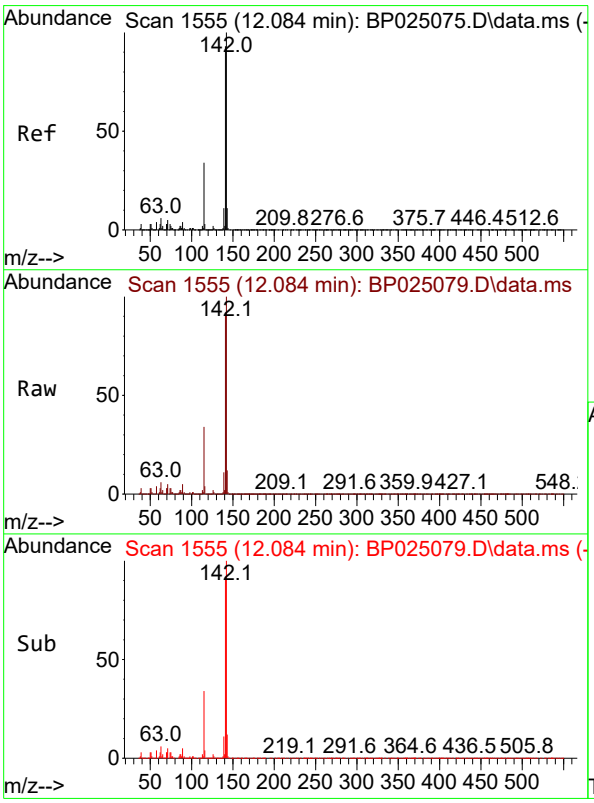
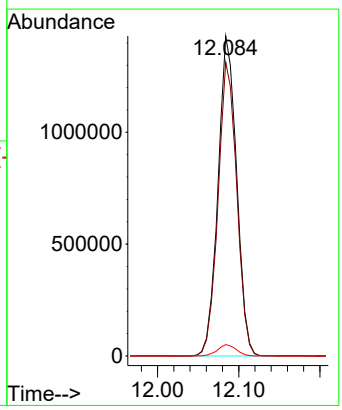
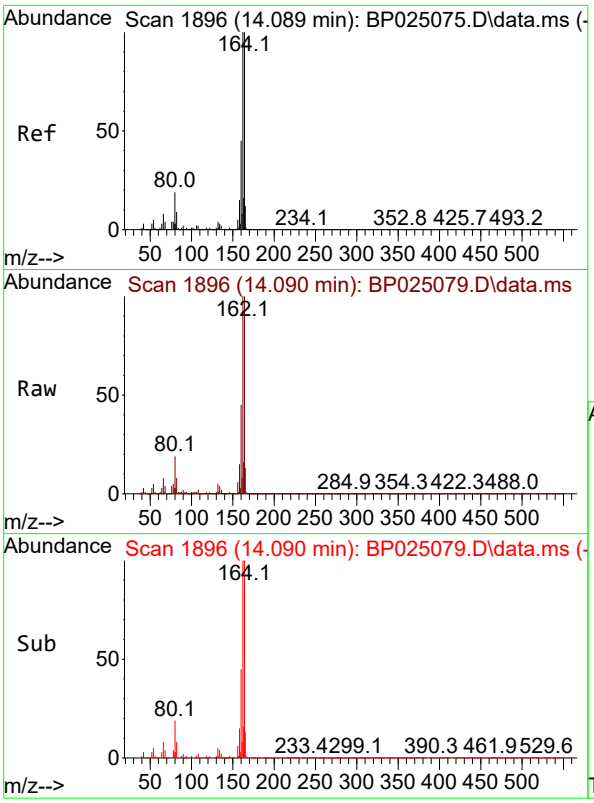


#38
1-Methylnaphthalene
Concen: 39.301 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 2280444

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.5	2.7	4.1

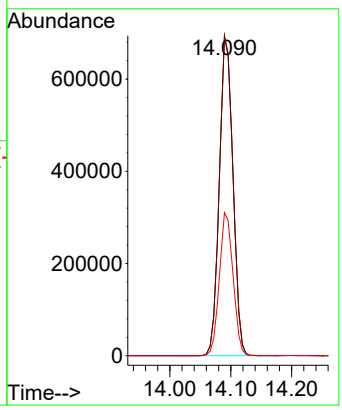




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:164 Resp: 107115

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.8	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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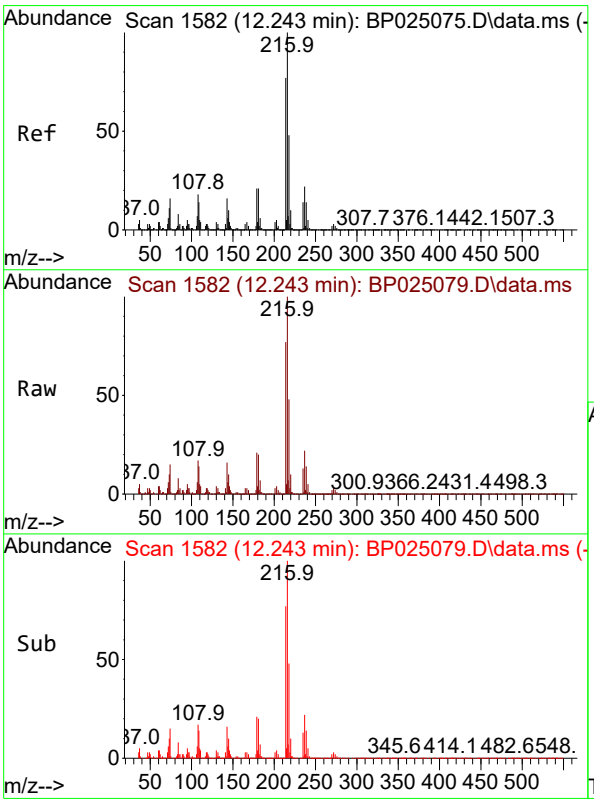
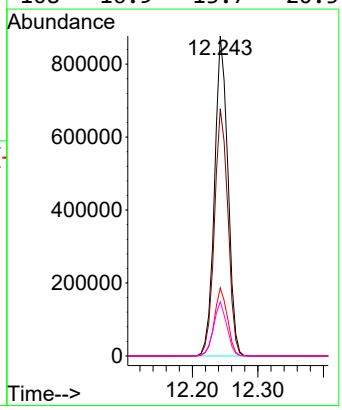
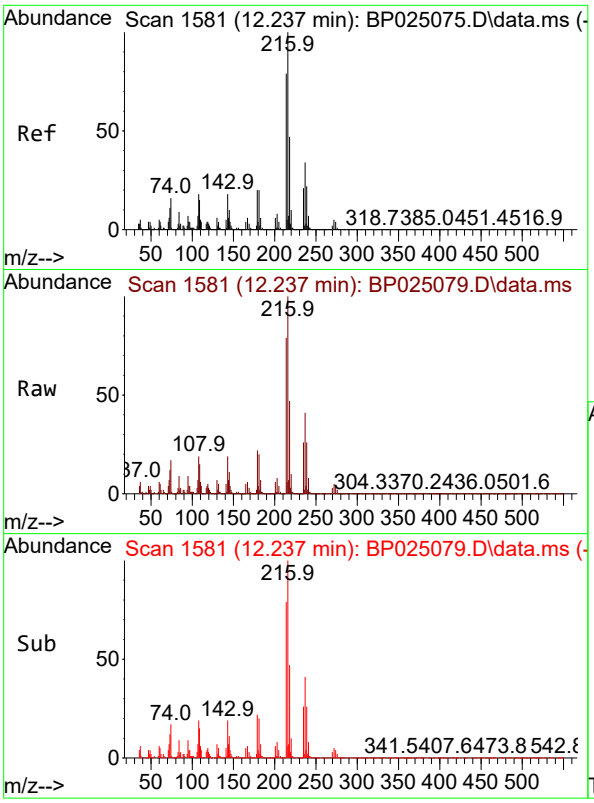


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.072 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:216 Resp: 1233612

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5

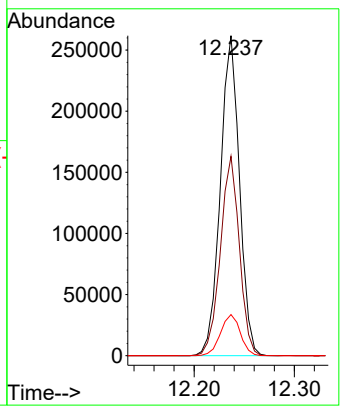




#41
Hexachlorocyclopentadiene
Concen: 42.989 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:237 Resp: 34568

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	12.9	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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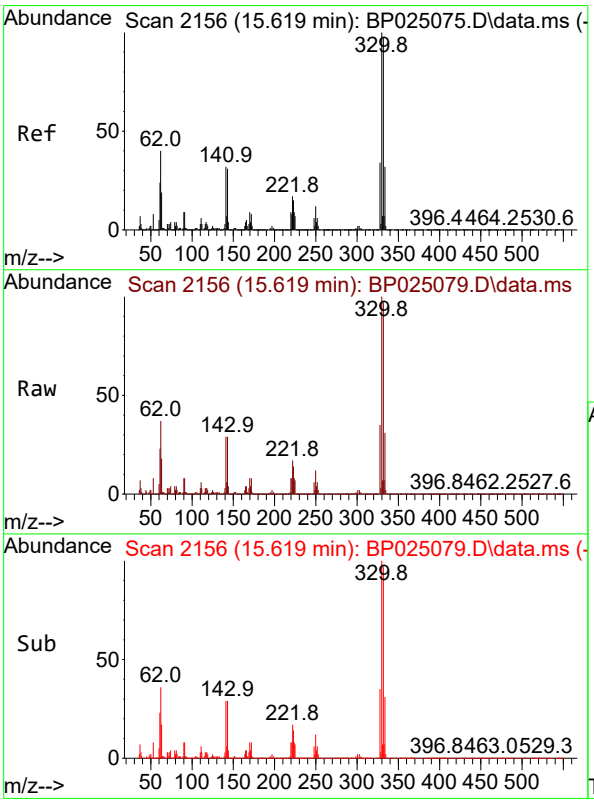
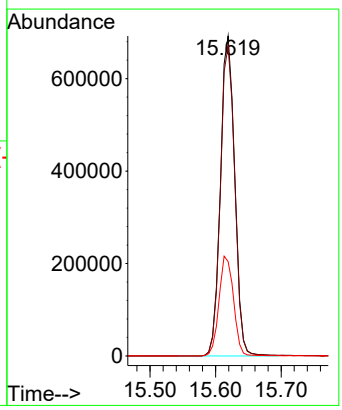
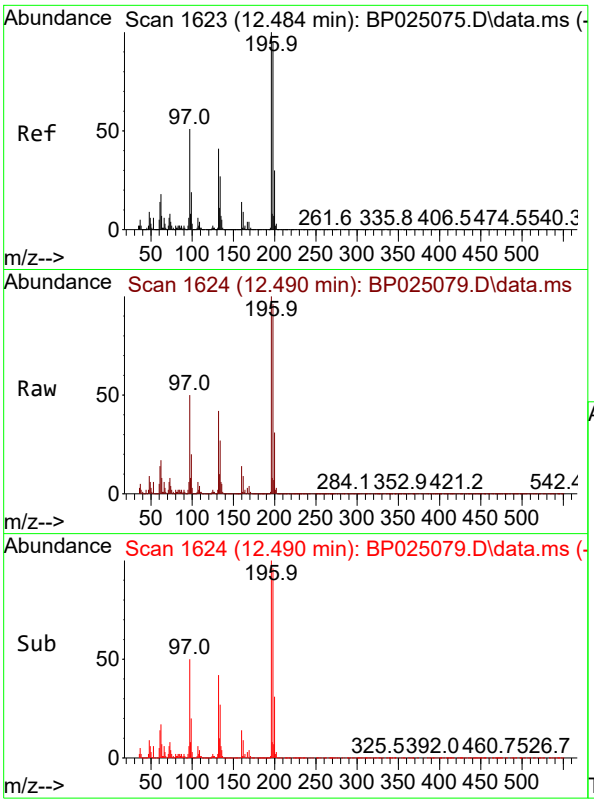


#42
2,4,6-Tribromophenol
Concen: 82.624 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:330 Resp: 1045523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.7	26.0	39.0

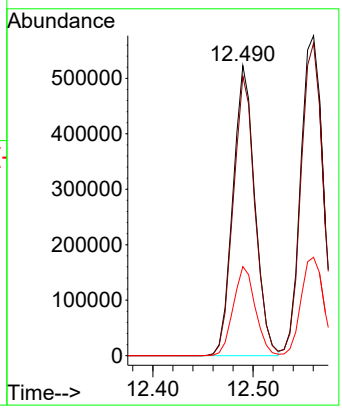




#43
2,4,6-Trichlorophenol
Concen: 42.646 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 79495

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	30.7	24.3	36.5



Instrument :
BNA_P
ClientSampleId :
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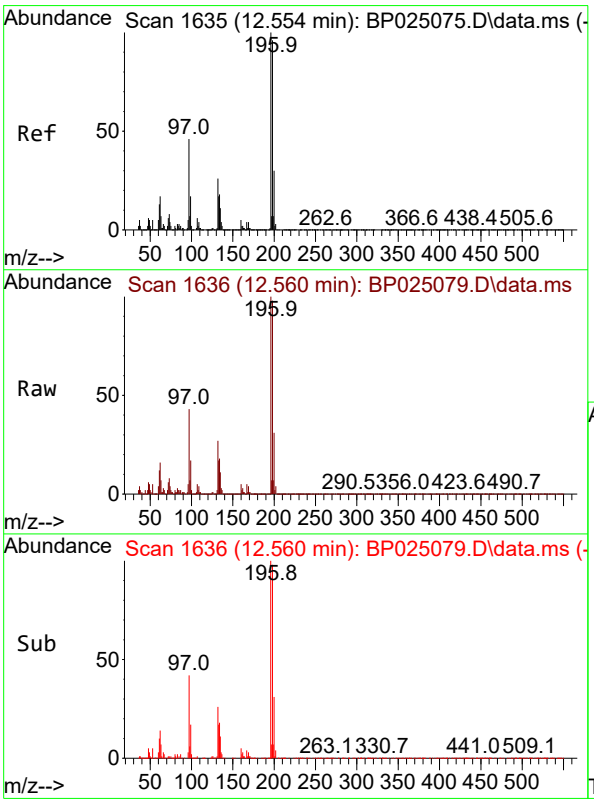
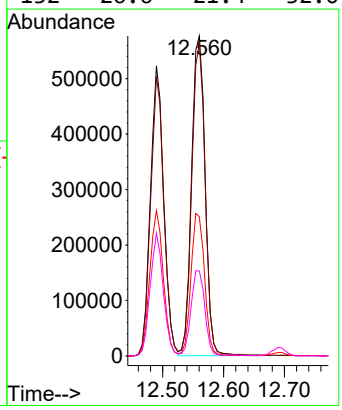
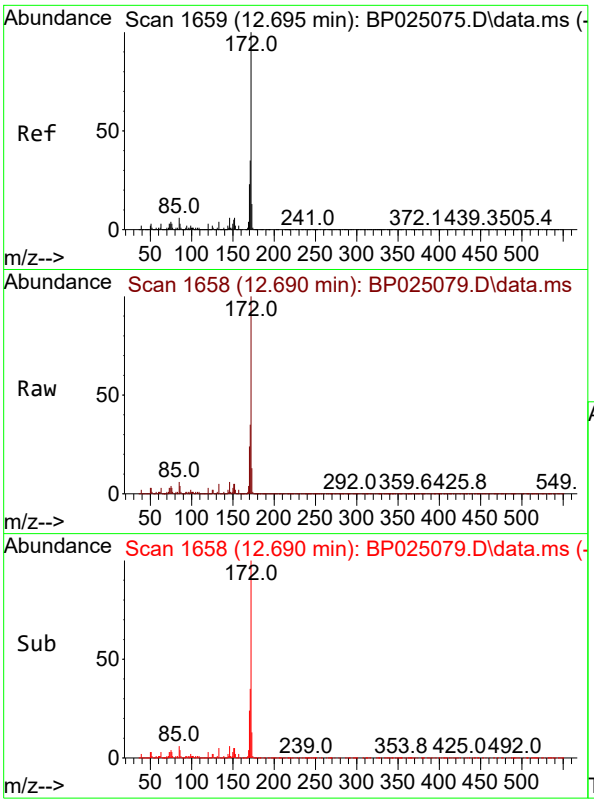


#44
2,4,5-Trichlorophenol
Concen: 42.335 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 894337

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	43.5	36.6	55.0
132	26.6	21.4	32.0

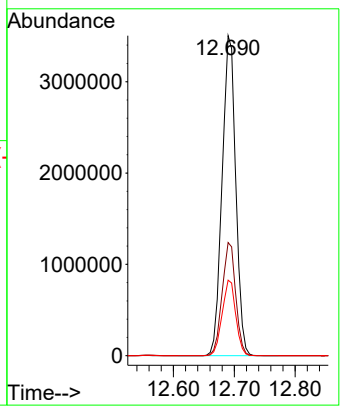




#45
2-Fluorobiphenyl
Concen: 78.712 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:172 Resp: 544249

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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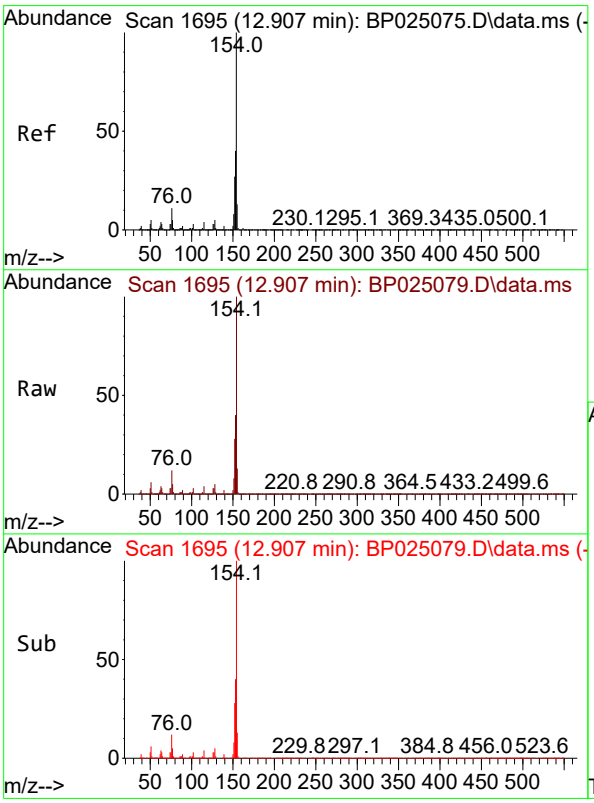
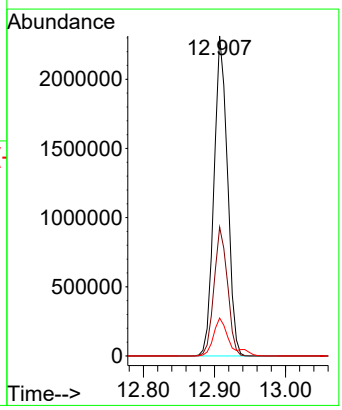
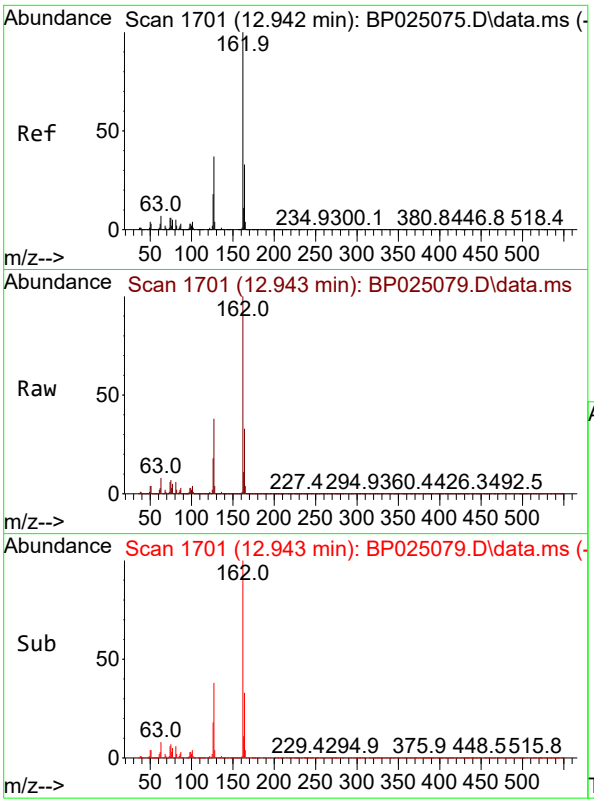


#46
1,1'-Biphenyl
Concen: 39.032 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 3042013

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.9	0.0	31.5

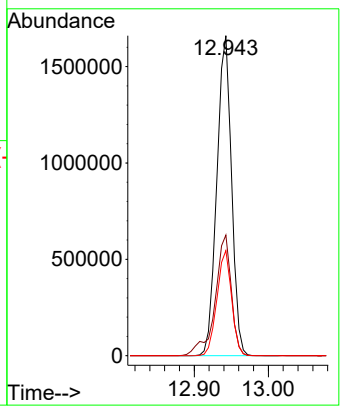




#47
2-Chloronaphthalene
Concen: 39.210 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:162 Resp: 229682

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.9	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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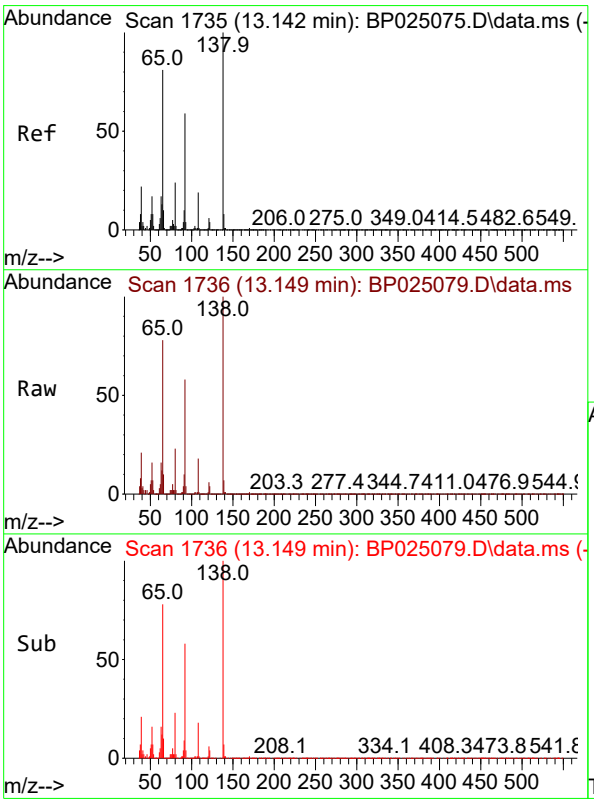
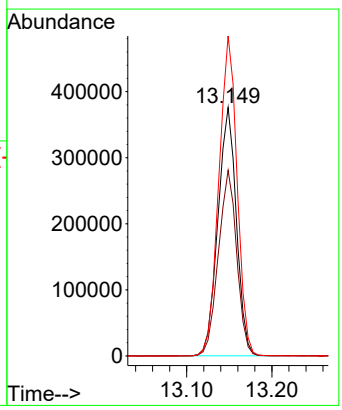
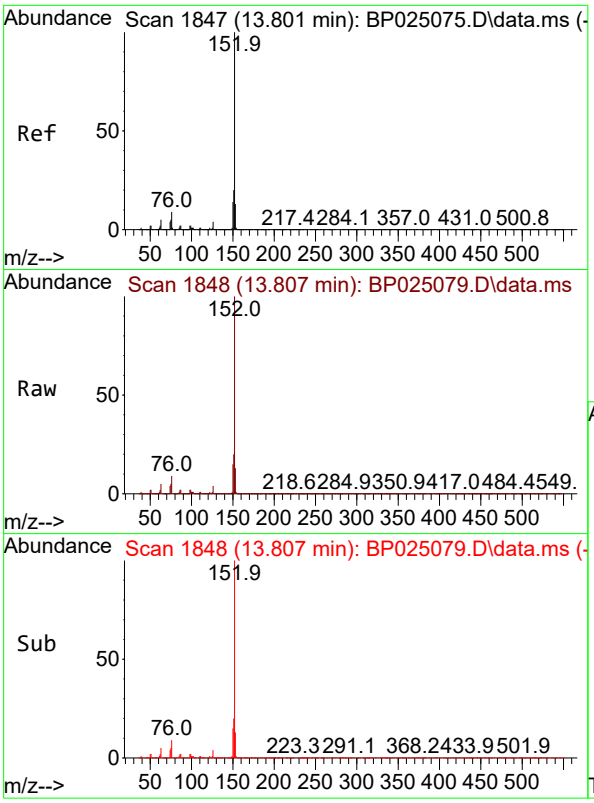


#48
2-Nitroaniline
Concen: 39.894 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.007 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 65 Resp: 565340

Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.7	88.1
138	128.8	99.0	148.4

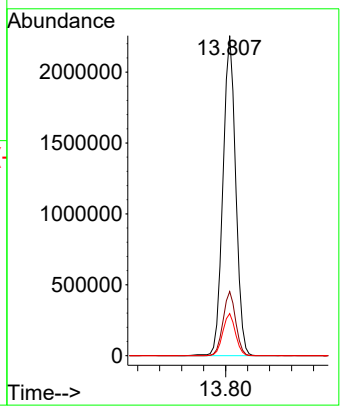




#49
Acenaphthylene
Concen: 40.431 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:152 Resp: 362482

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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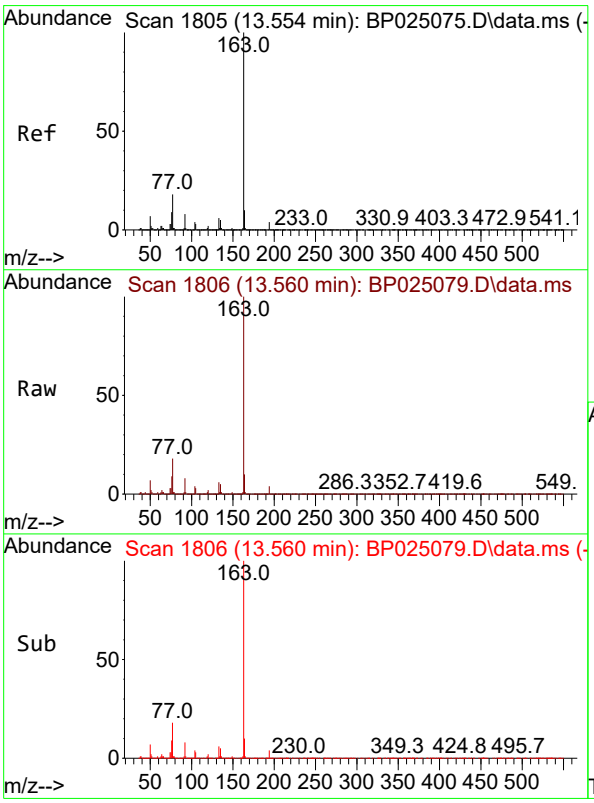
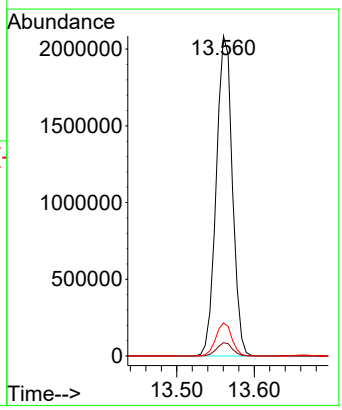
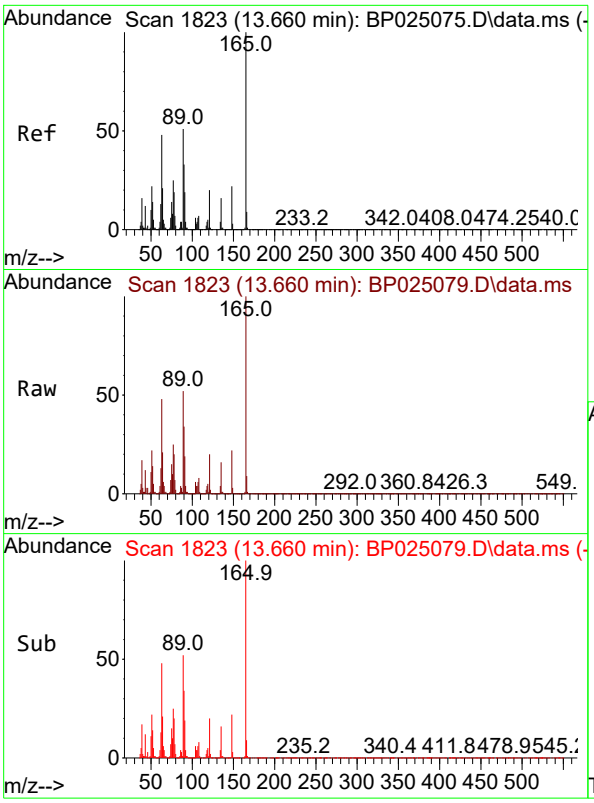


#50
Dimethylphthalate
Concen: 40.131 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:163 Resp: 3009077

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0

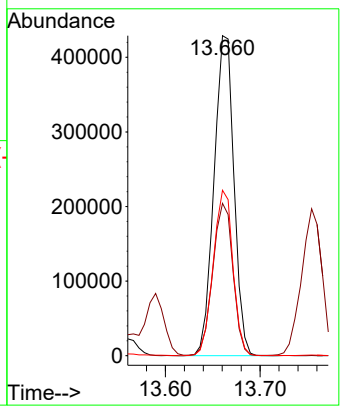




#51
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:165 Resp: 62763

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.5	57.7
89	51.7	40.6	61.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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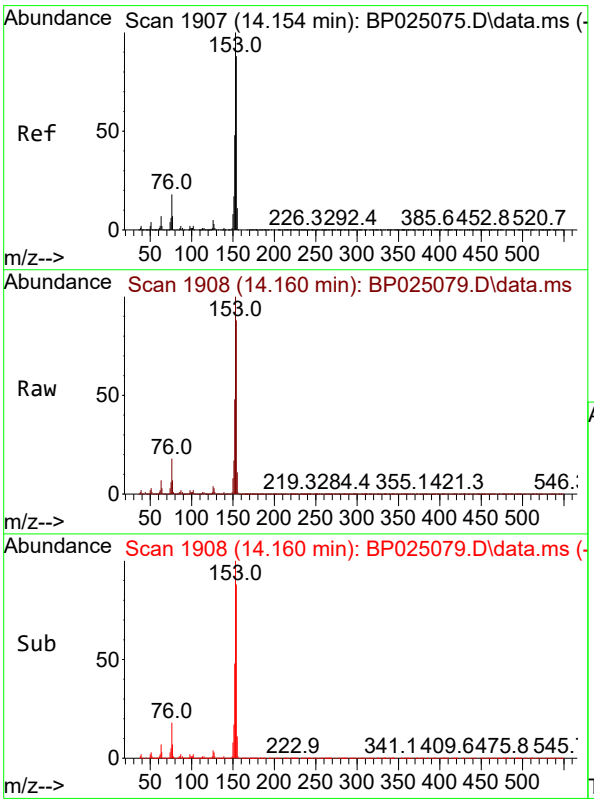
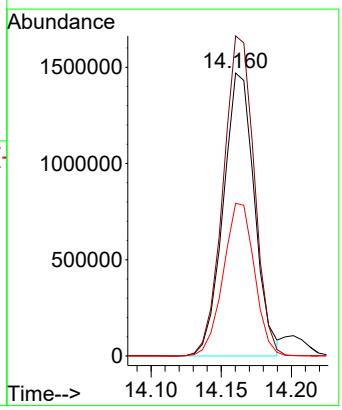
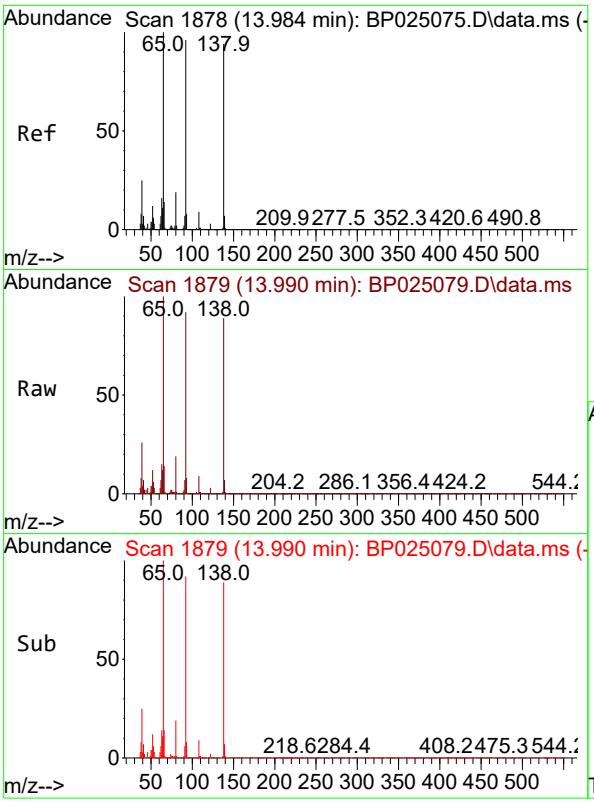


#52
Acenaphthene
Concen: 39.318 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 2271995

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.0	43.8	65.8





#53
3-Nitroaniline
Concen: 43.418 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:138 Resp: 68044

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.4	81.0	121.4

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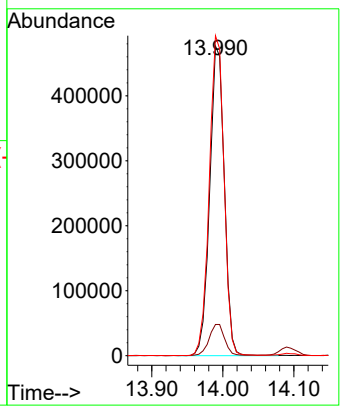
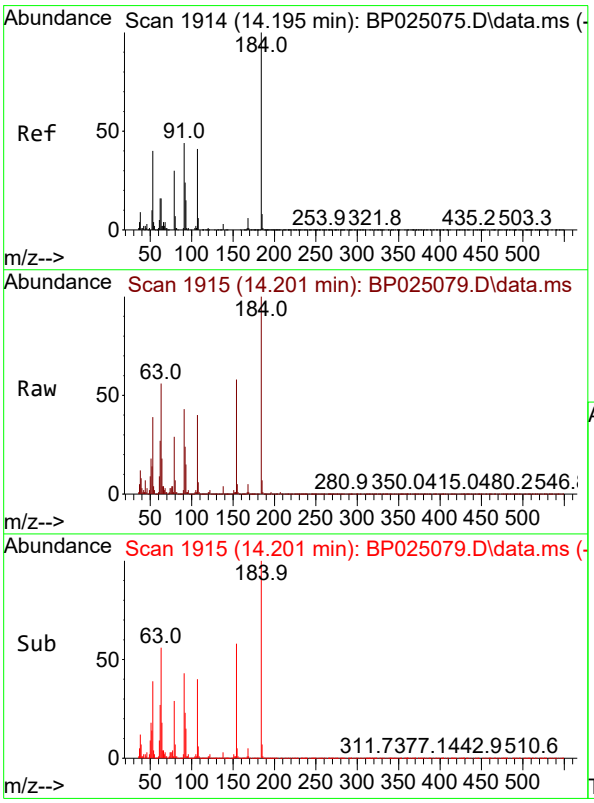
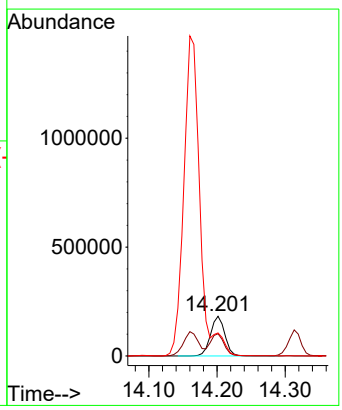


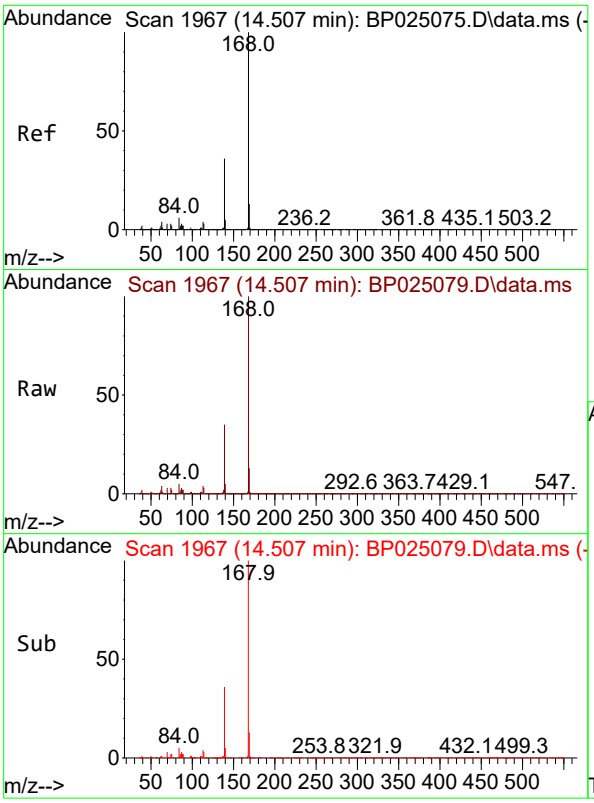


#54
2,4-Dinitrophenol
Concen: 40.066 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 265751

Ion	Ratio	Lower	Upper
184	100		
63	56.1	47.4	71.0
154	58.1	47.8	71.8

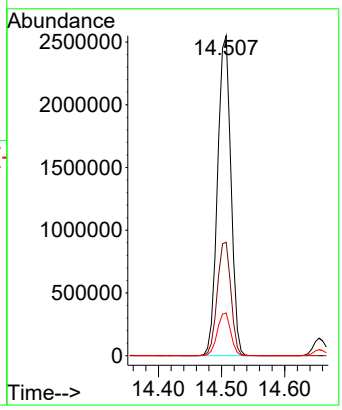




#55
Dibenzofuran
Concen: 39.220 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:168 Resp: 374023

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.4	10.7	16.1



Instrument :
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ClientSampleId :
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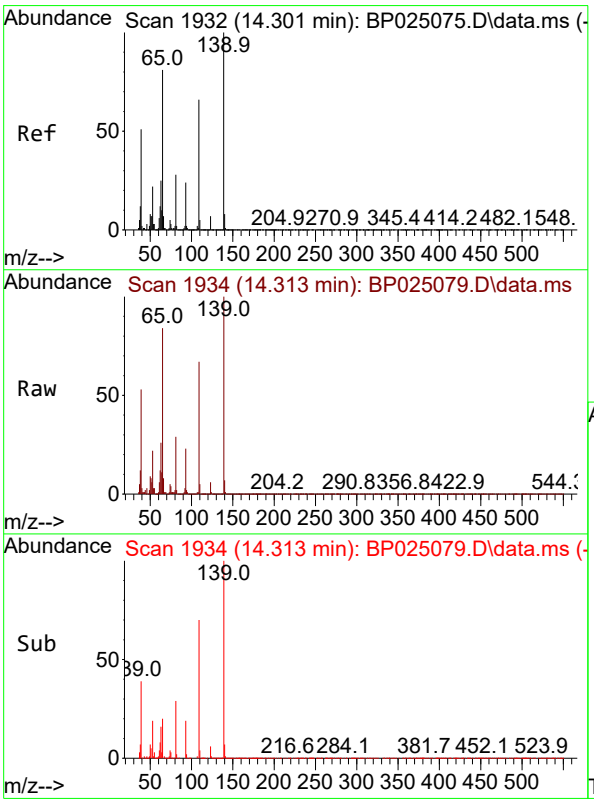
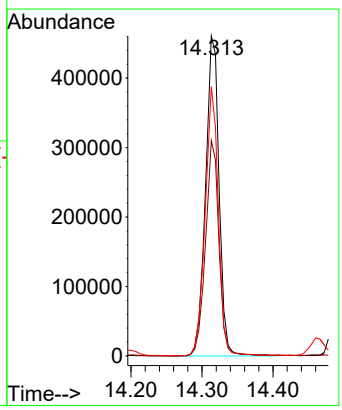
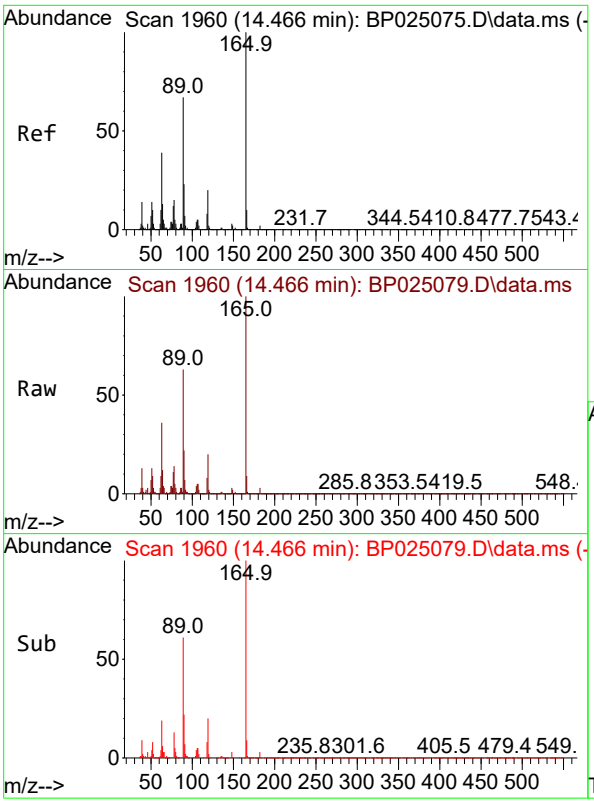


#56
4-Nitrophenol
Concen: 42.369 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 612774

Ion	Ratio	Lower	Upper
139	100		
109	67.3	45.9	85.9
65	84.2	61.4	101.4

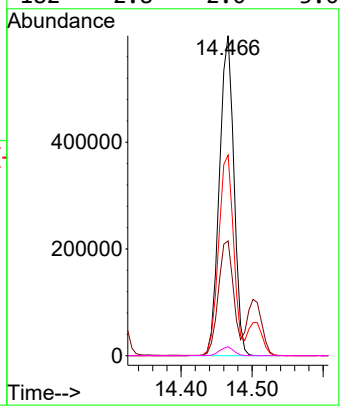




#57
2,4-Dinitrotoluene
Concen: 39.932 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:165 Resp: 84695

Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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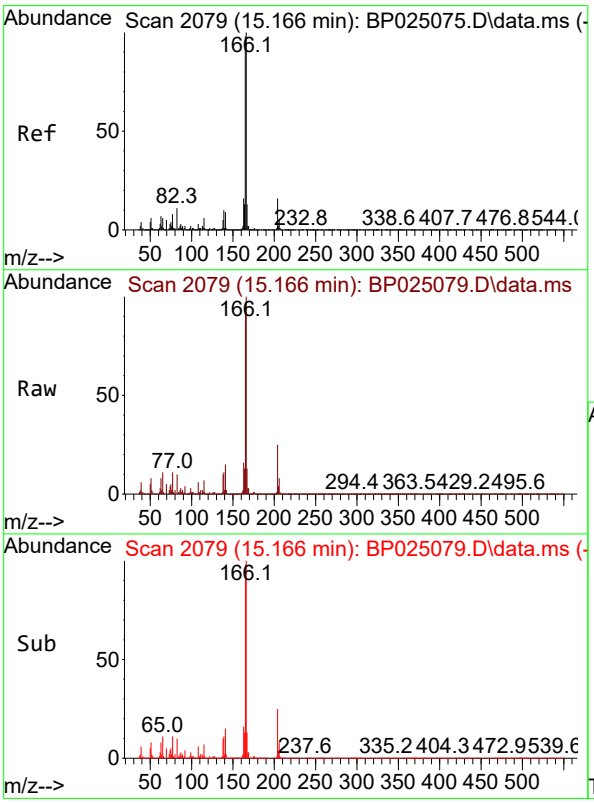
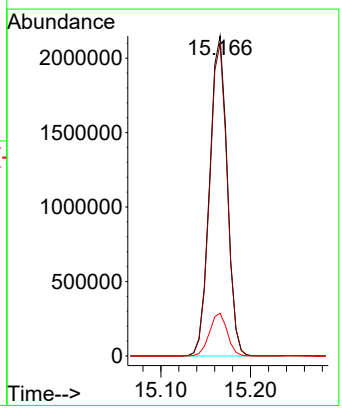
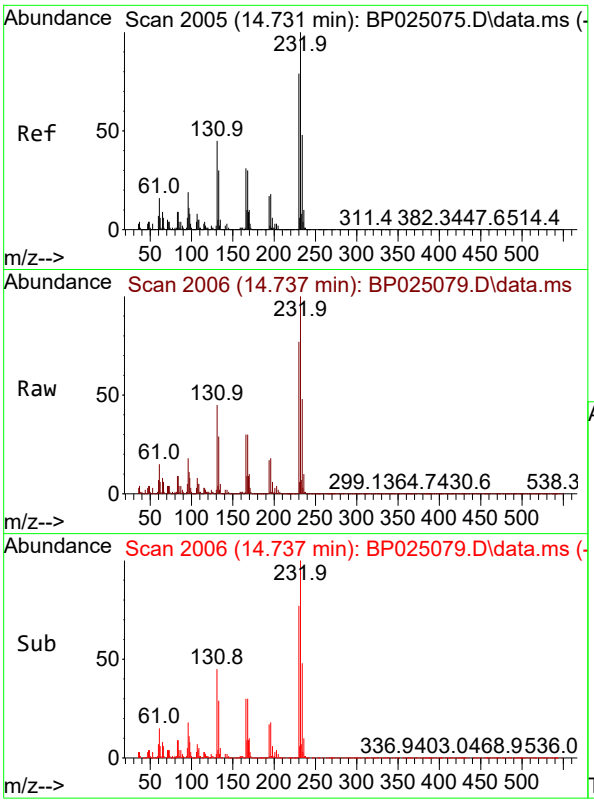


#58
Fluorene
Concen: 39.662 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:166 Resp: 2925541

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.3	10.7	16.1

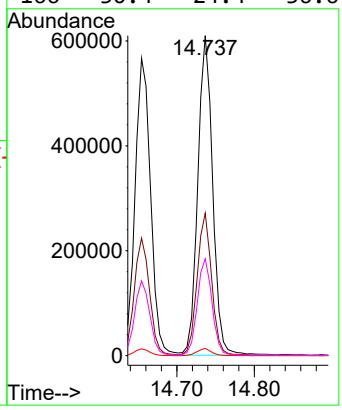




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:232 Resp: 81140

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.7	53.5
130	2.2	1.8	2.6
166	30.4	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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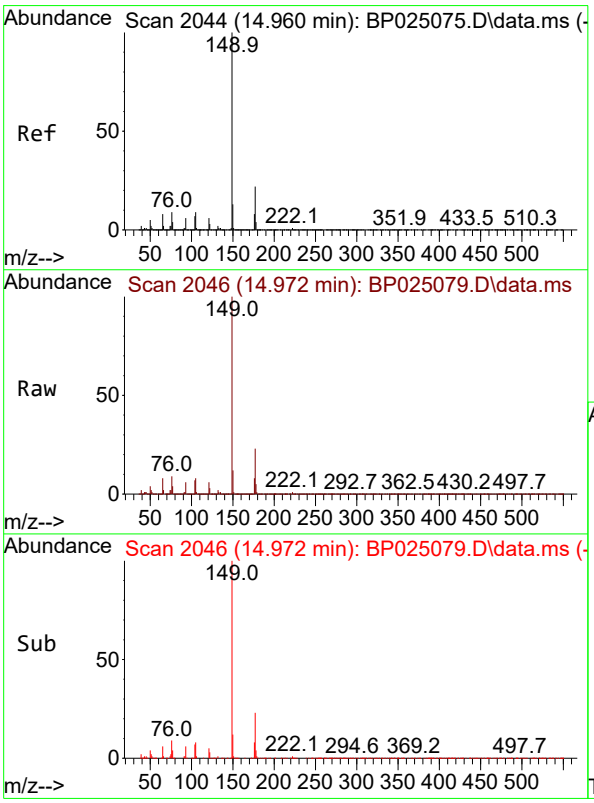
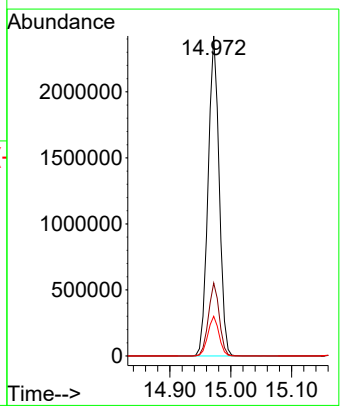
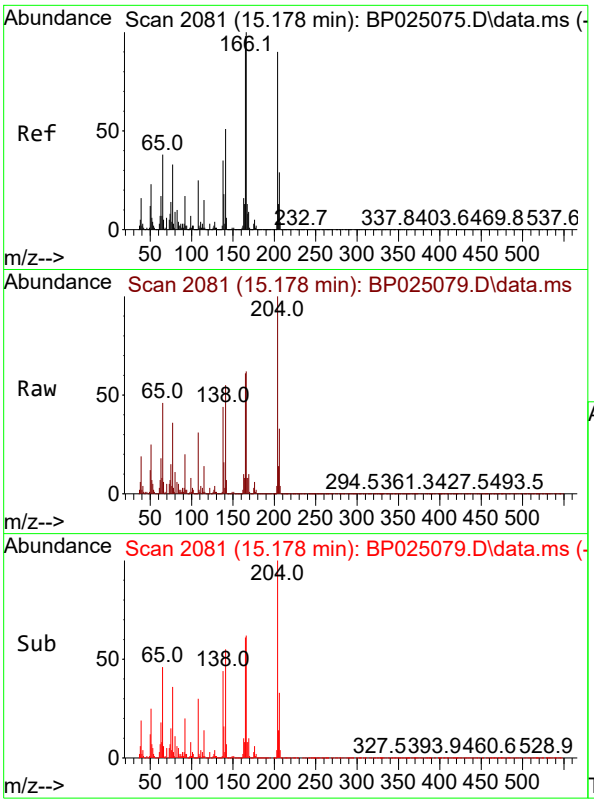


#60
Diethylphthalate
Concen: 40.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3056611

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.2	15.2

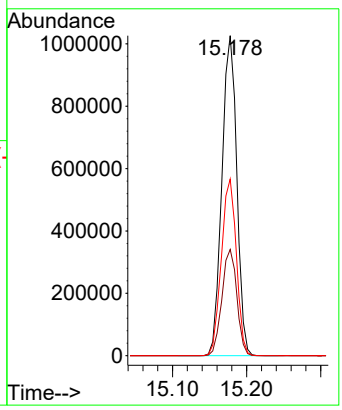




#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:204 Resp: 143088

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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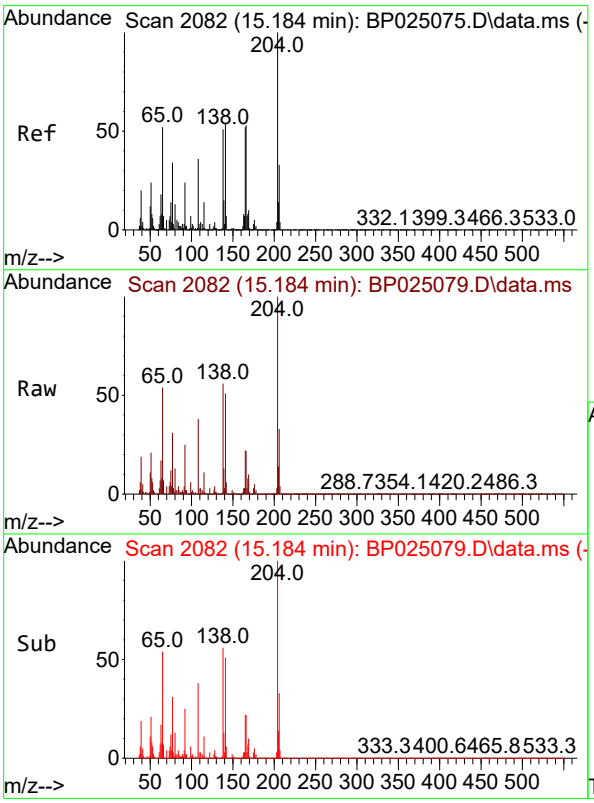
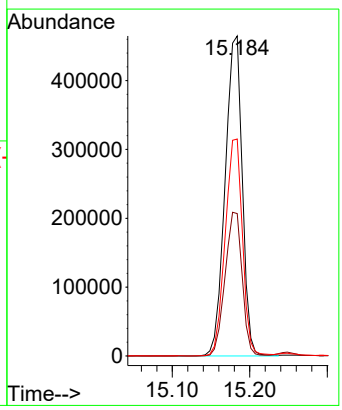
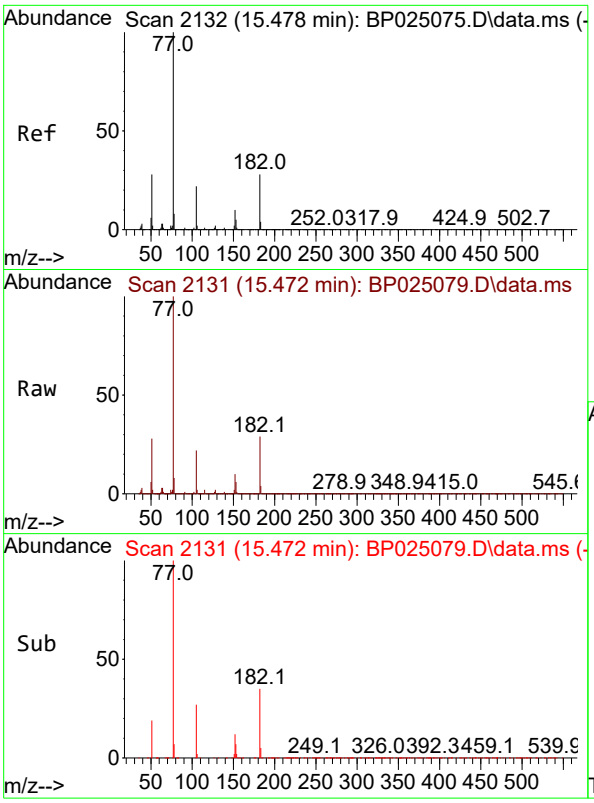


#62
4-Nitroaniline
Concen: 43.550 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:138 Resp: 715671

Ion	Ratio	Lower	Upper
138	100		
92	44.5	26.0	66.0
108	67.8	50.0	90.0





#63
Azobenzene
Concen: 38.583 ng
RT: 15.472 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 258741

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	27.7	8.2	48.2

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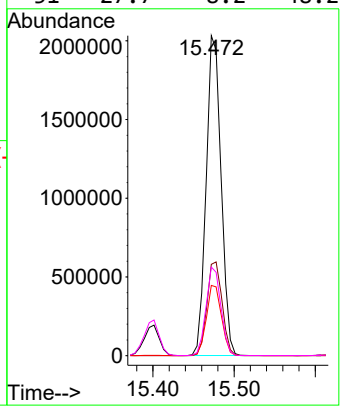
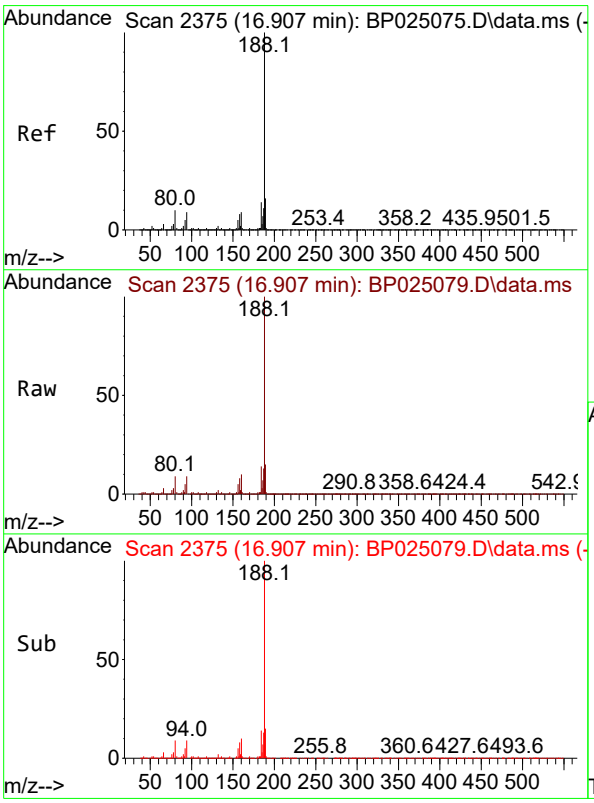
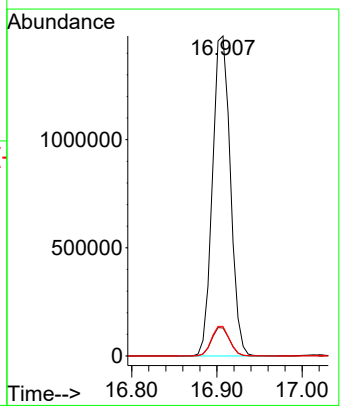


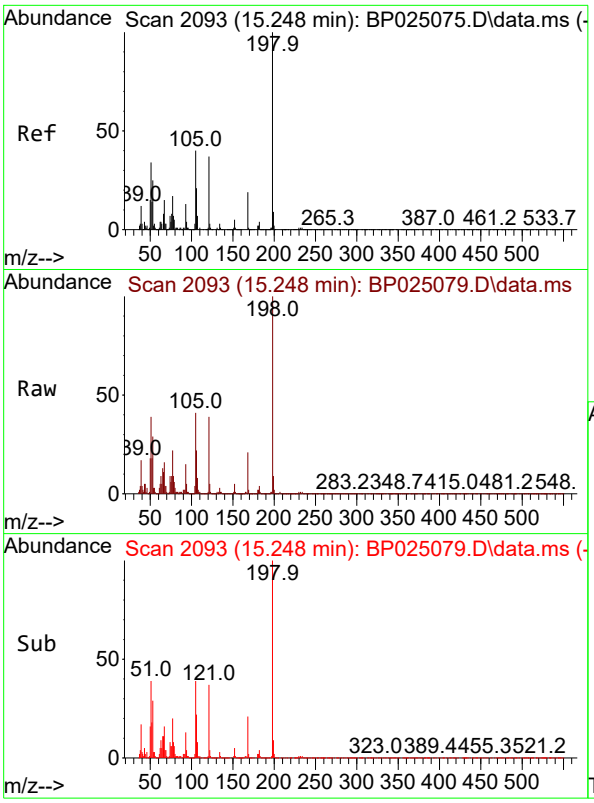


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:188 Resp: 2157756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6

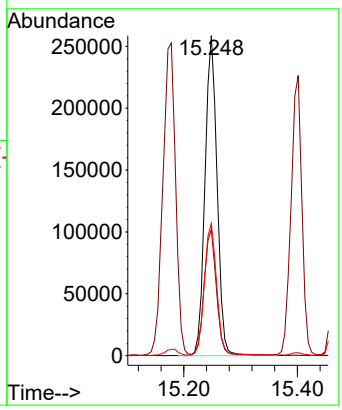




#65
4,6-Dinitro-2-methylphenol
Concen: 39.754 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:198 Resp: 37970

Ion	Ratio	Lower	Upper
198	100		
51	39.5	16.8	56.8
105	41.3	20.8	60.8



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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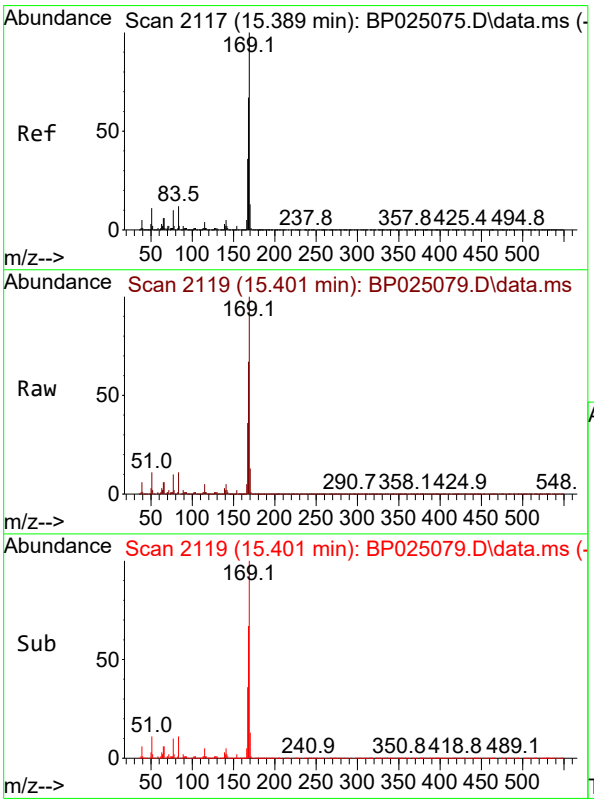
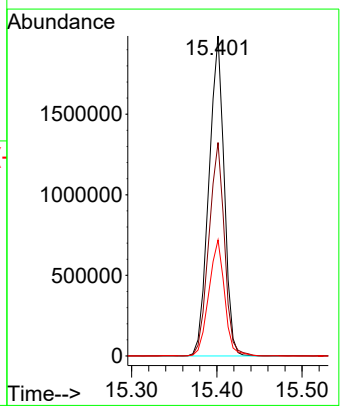
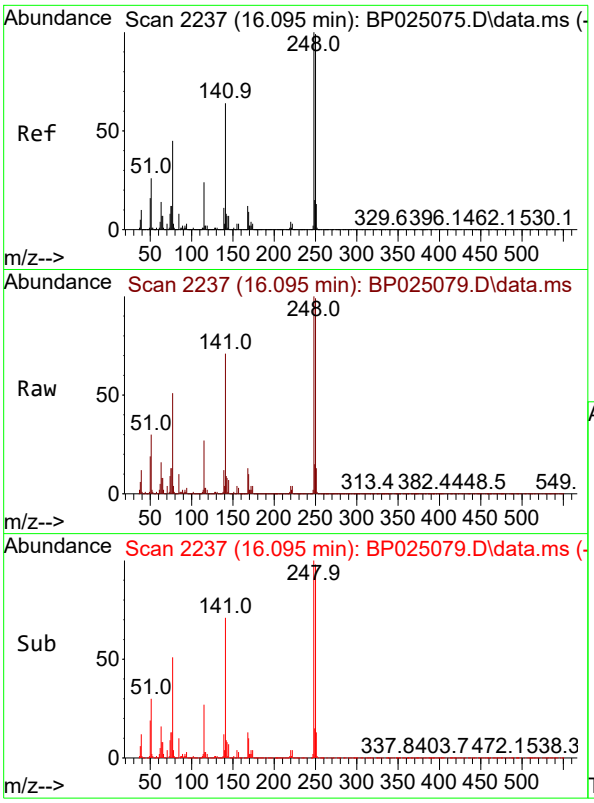


#66
n-Nitrosodiphenylamine
Concen: 40.039 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:169 Resp: 2472464

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	29.0	43.6

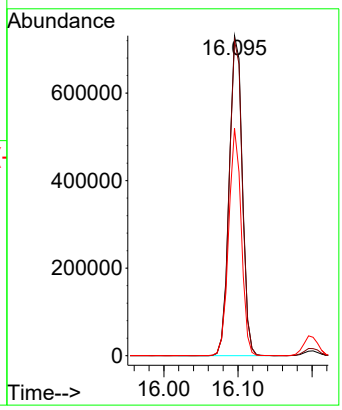




#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:248 Resp: 89445

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	71.0	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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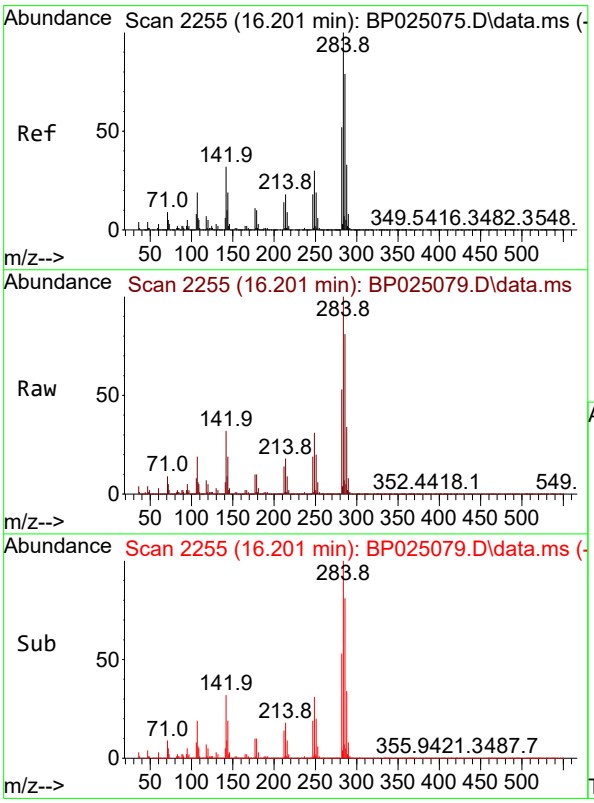
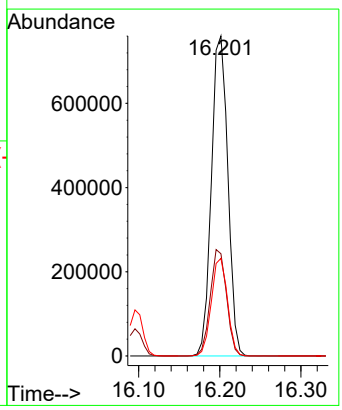
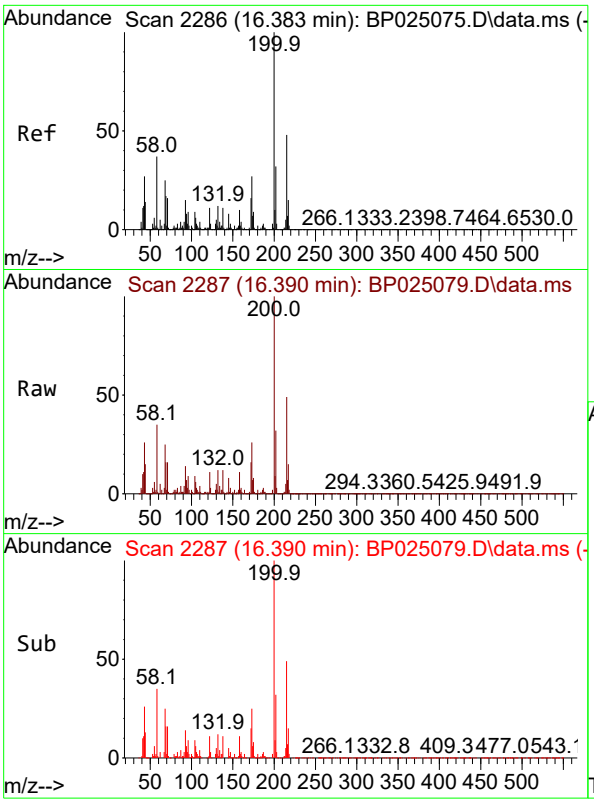


#68
Hexachlorobenzene
Concen: 39.499 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:284 Resp: 1066631

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	30.5	23.8	35.8

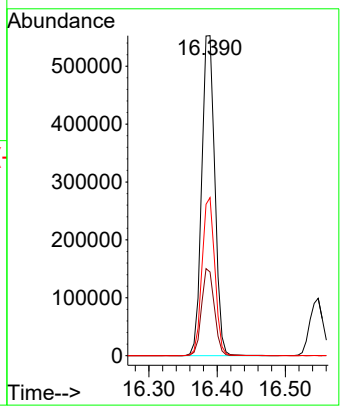




#69
Atrazine
Concen: 40.888 ng
RT: 16.390 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:200 Resp: 73988

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	49.4	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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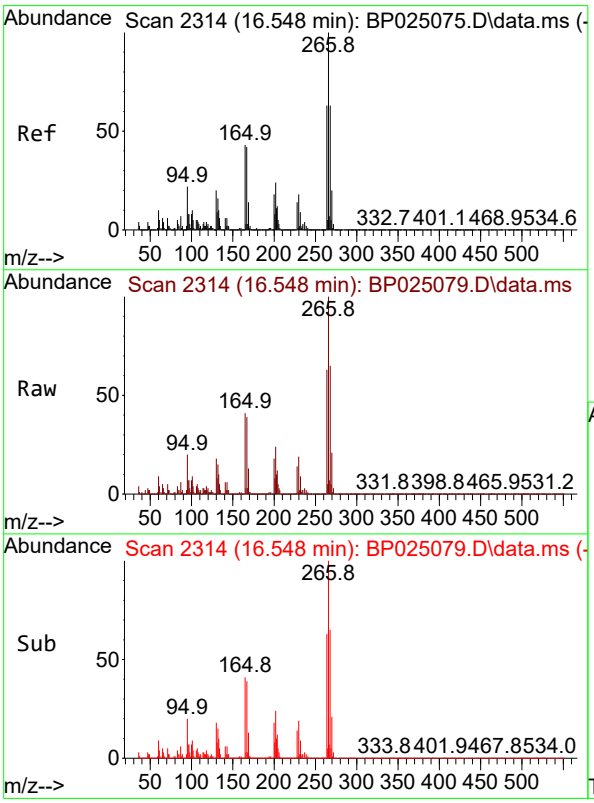
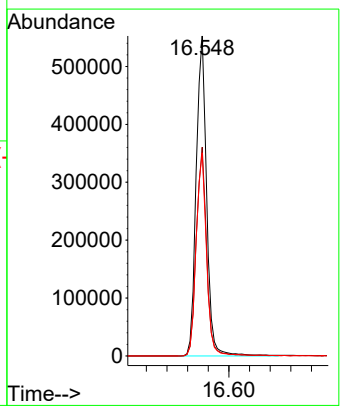
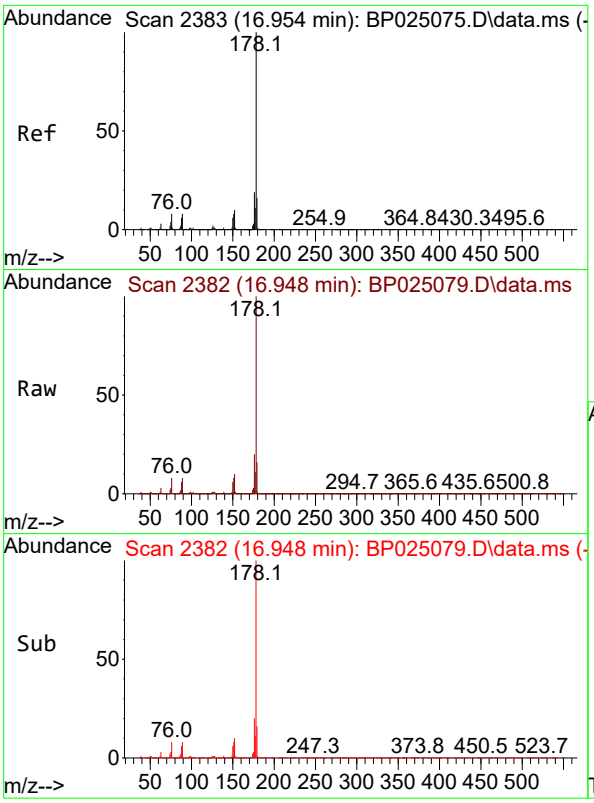


#70
Pentachlorophenol
Concen: 42.471 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:266 Resp: 774549

Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	63.5	50.2	75.2

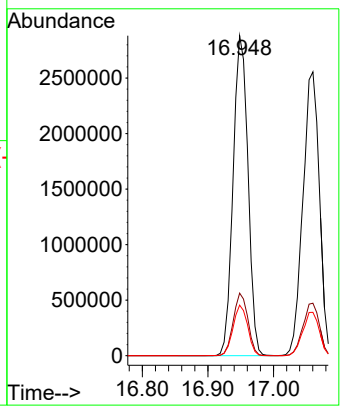




#71
Phenanthrene
Concen: 39.487 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 455272

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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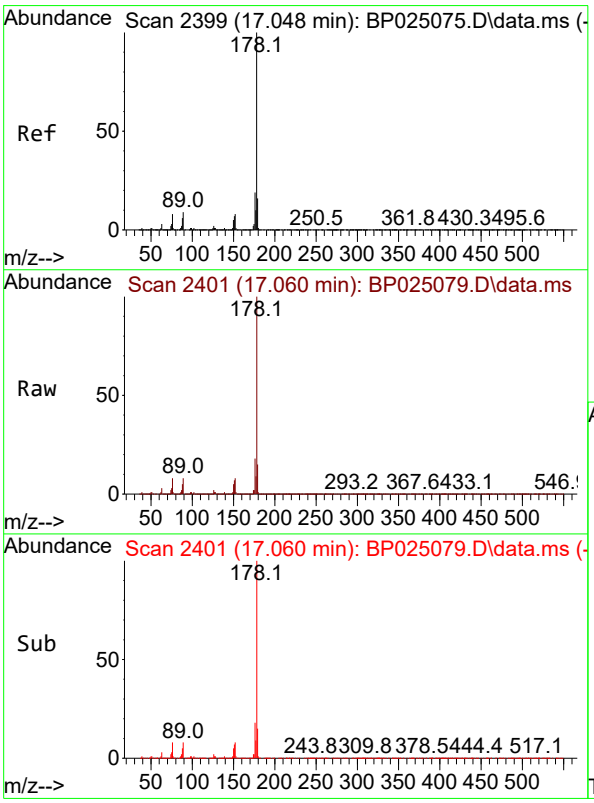
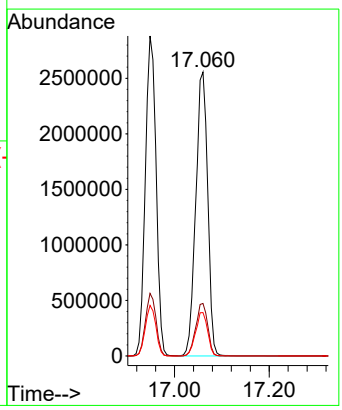
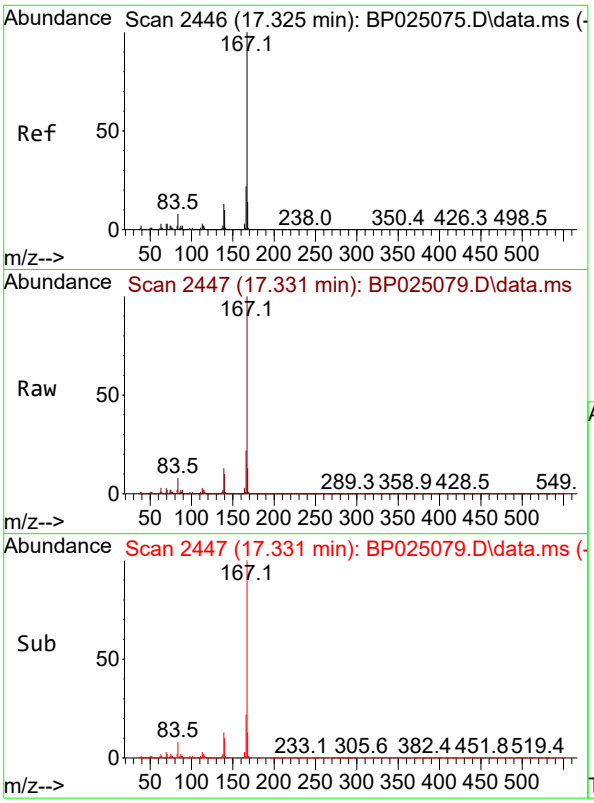


#72
Anthracene
Concen: 40.385 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 4467088

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7

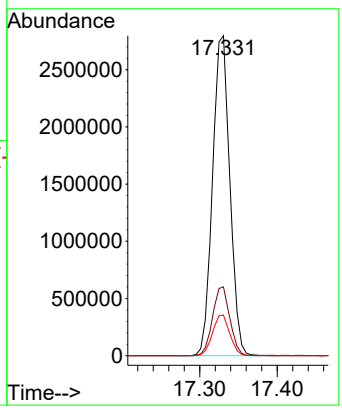




#73
Carbazole
Concen: 40.086 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:167 Resp: 433539

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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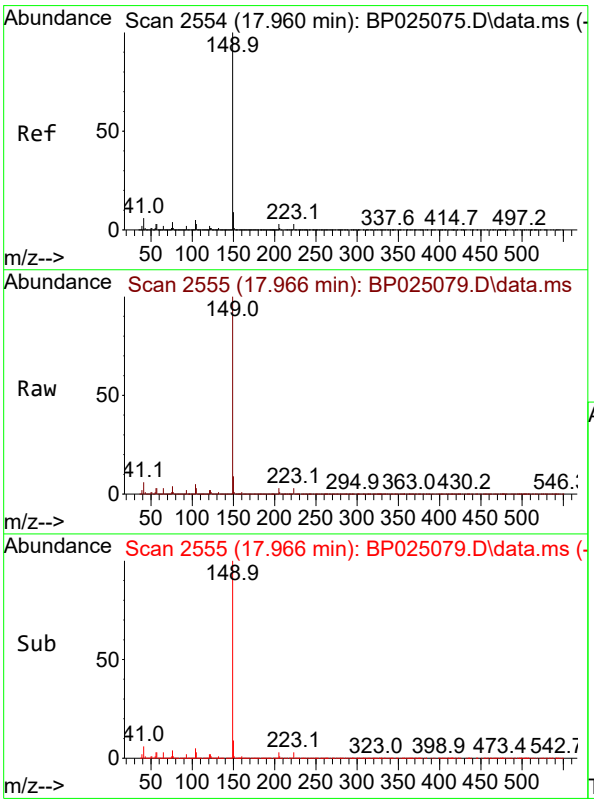
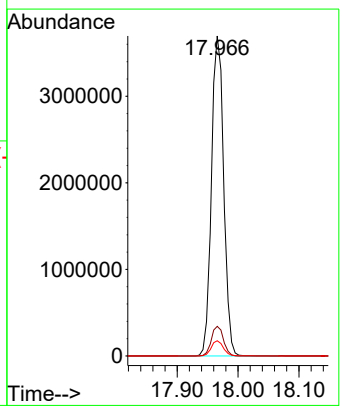
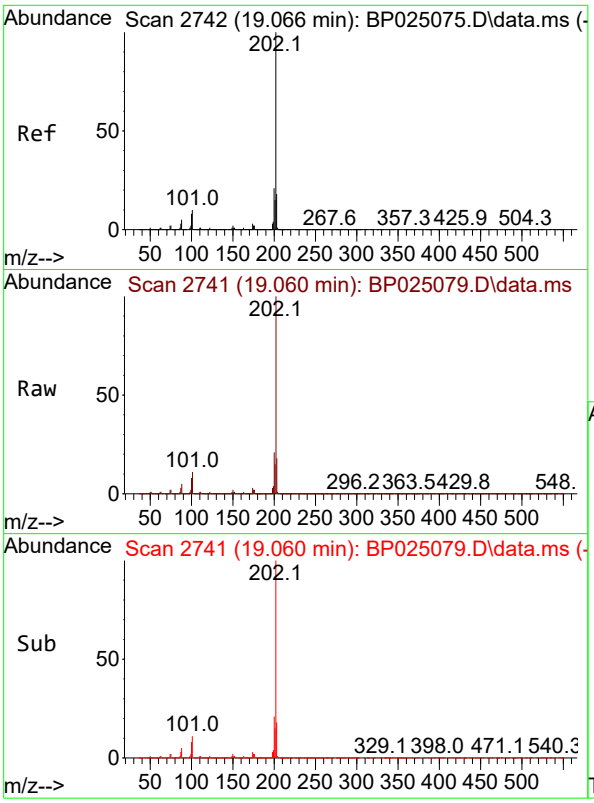


#74
Di-n-butylphthalate
Concen: 42.761 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 5149955

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6





#75
Fluoranthene
Concen: 40.180 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 541510

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.8	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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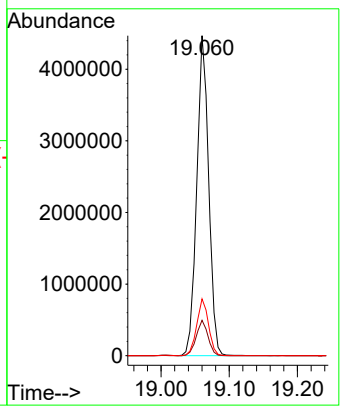
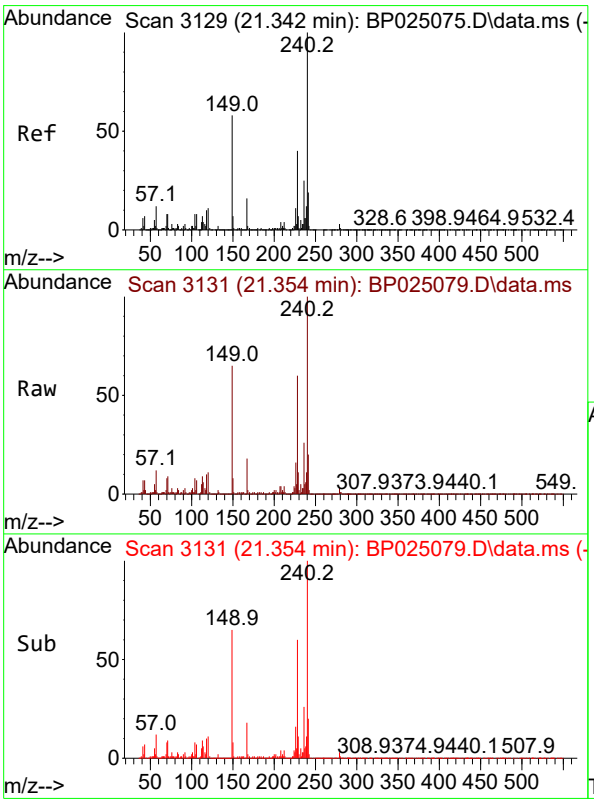
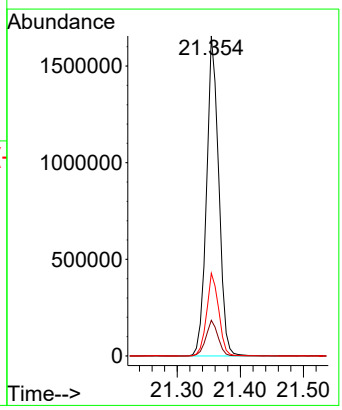


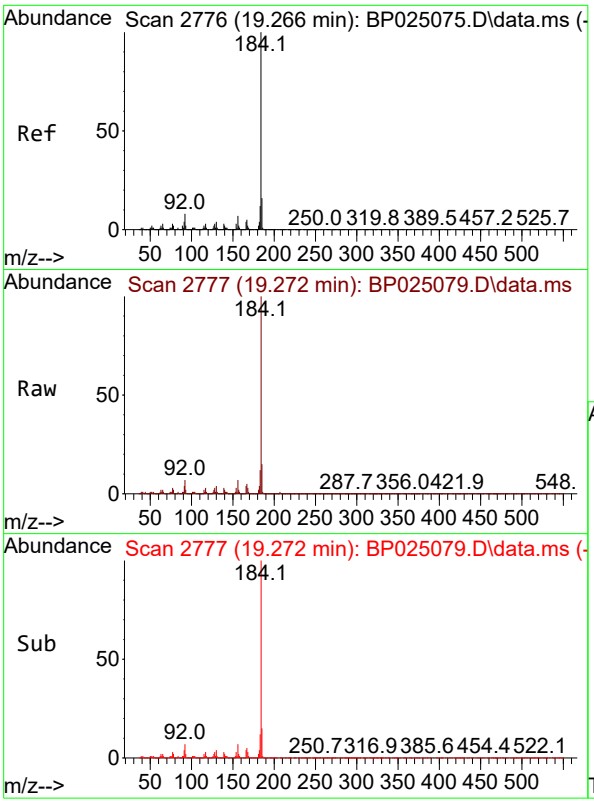


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:240 Resp: 2221808

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5





#77
Benzidine
Concen: 52.461 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 205856

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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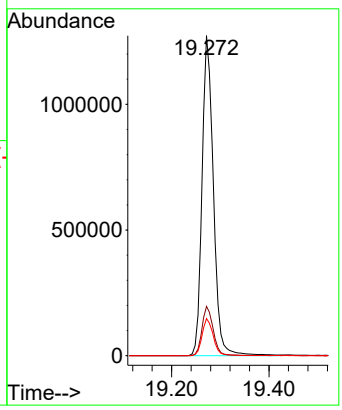
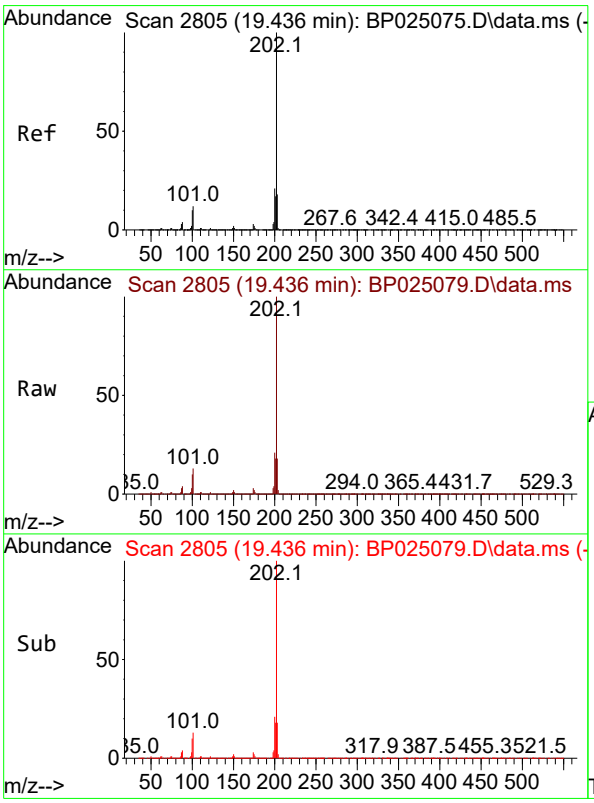
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

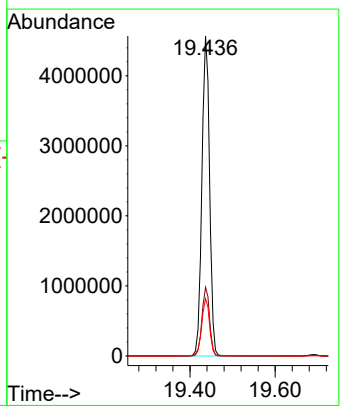


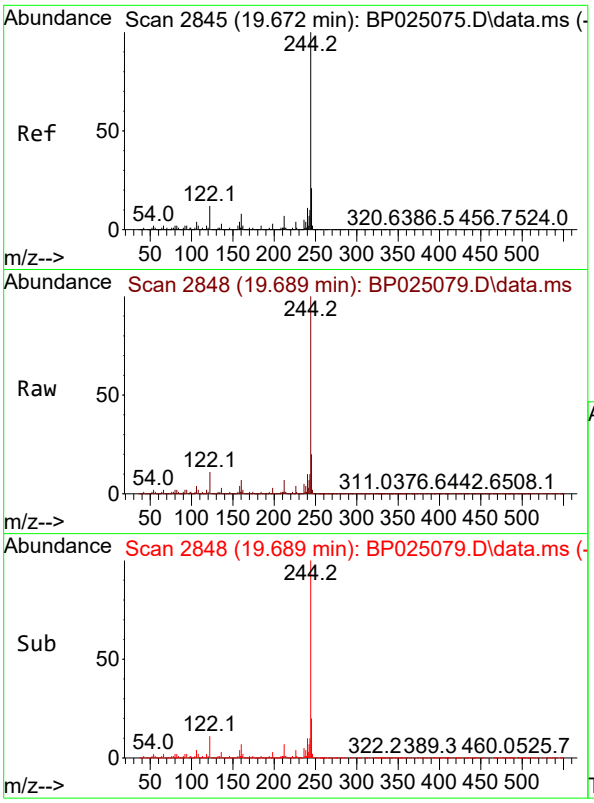


#78
Pyrene
Concen: 41.413 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 5698991

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.1	21.1





#79
Terphenyl-d14
Concen: 84.014 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:244 Resp: 849326

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.4	14.2

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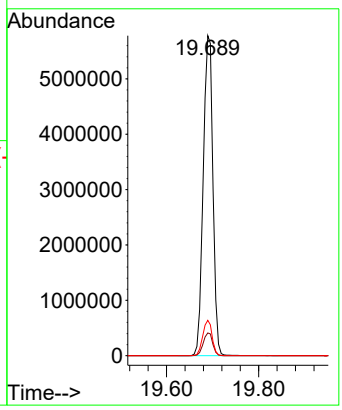
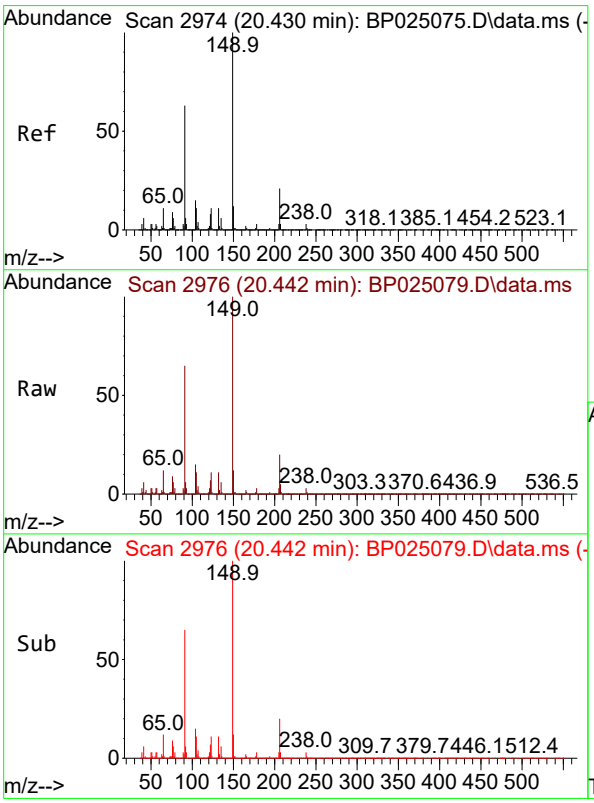
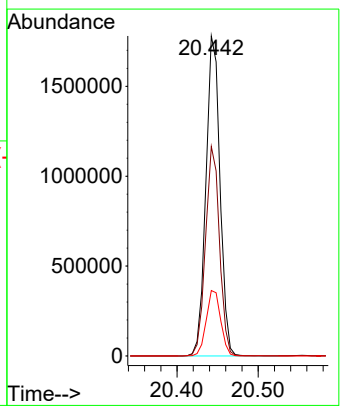


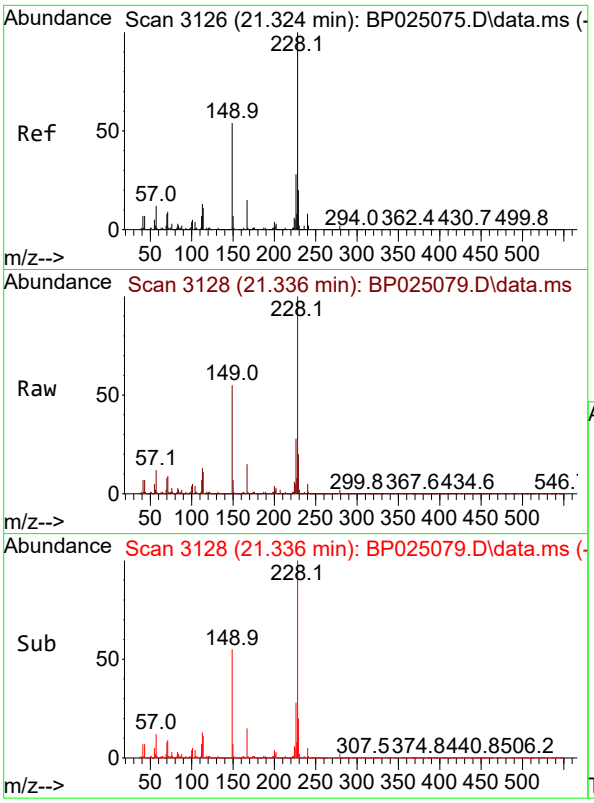


#80
Butylbenzylphthalate
Concen: 40.921 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 2138437

Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.6	76.0
206	20.5	17.2	25.8

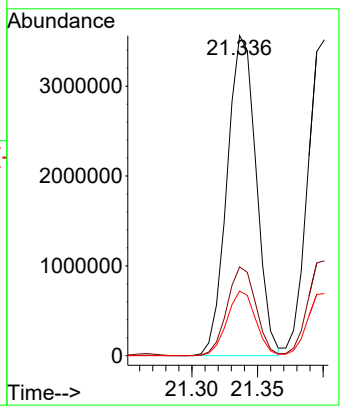




#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:228 Resp: 550107

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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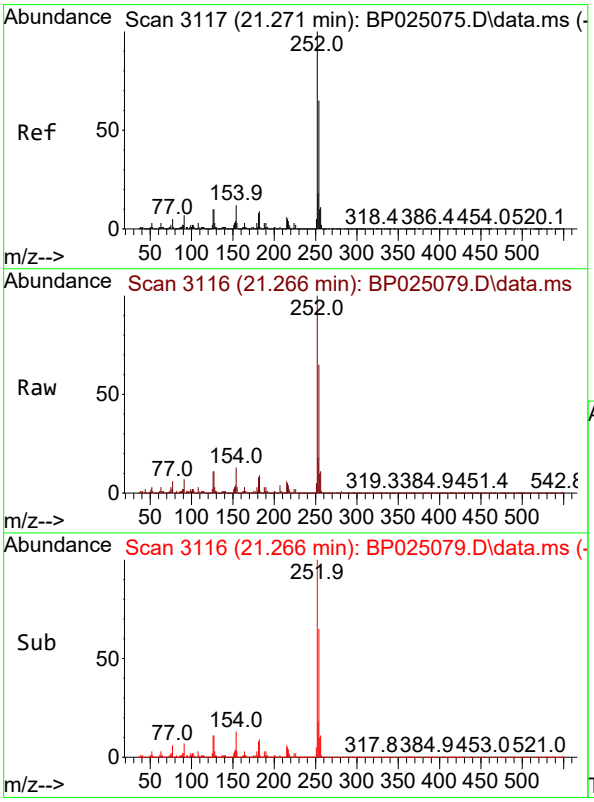
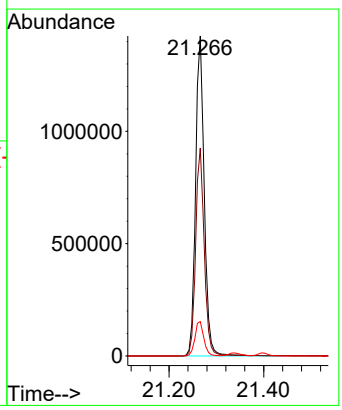
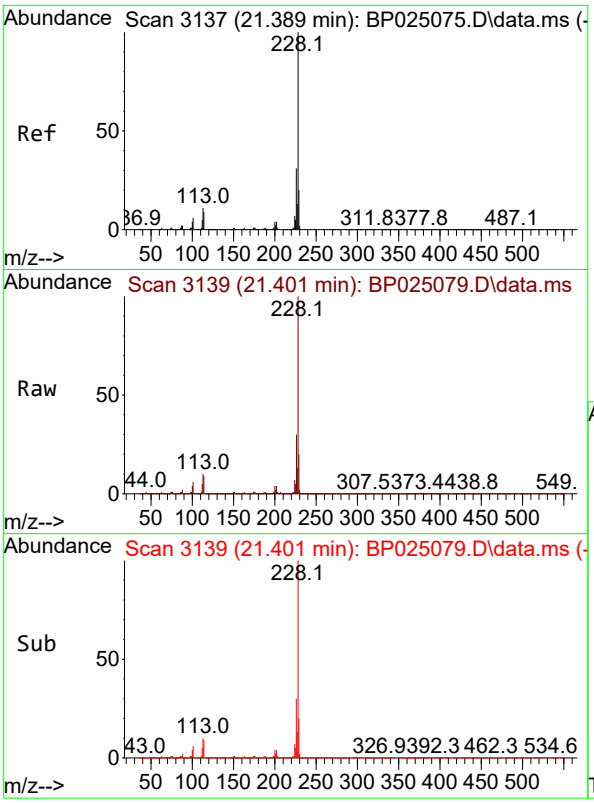


#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 1808957

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	8.1	12.1

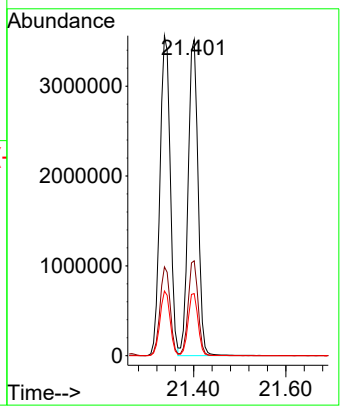




#83
Chrysene
Concen: 40.218 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:228 Resp: 521127

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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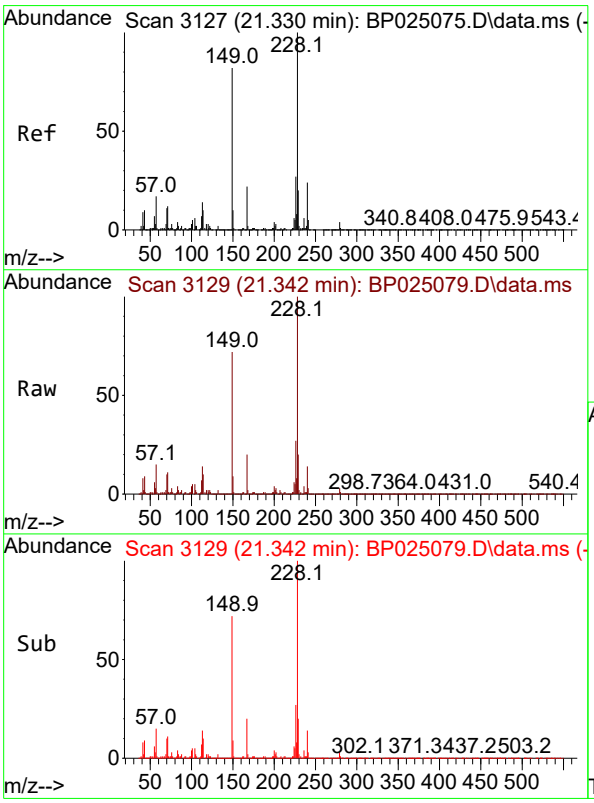
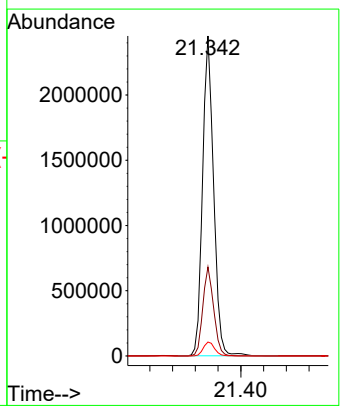
Supervised By :Jagrut Upadhyay 07/07/2025

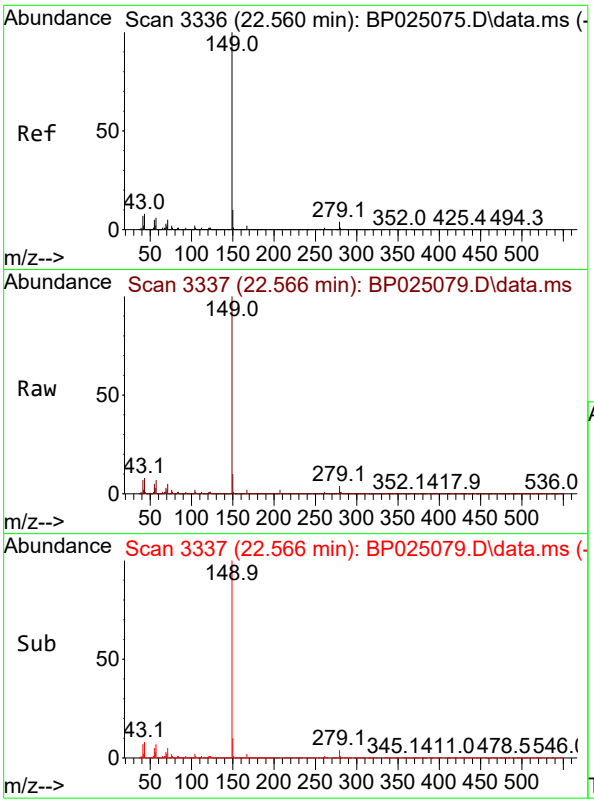


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.685 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3299494

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.4	3.5	5.3

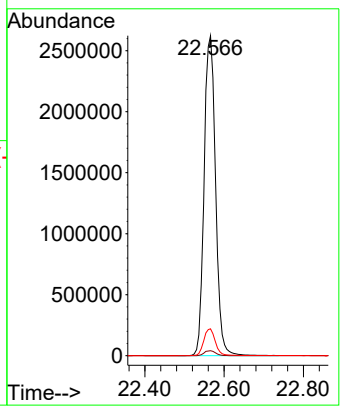




#85
Di-n-octyl phthalate
Concen: 40.750 ng
RT: 22.566 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 525667

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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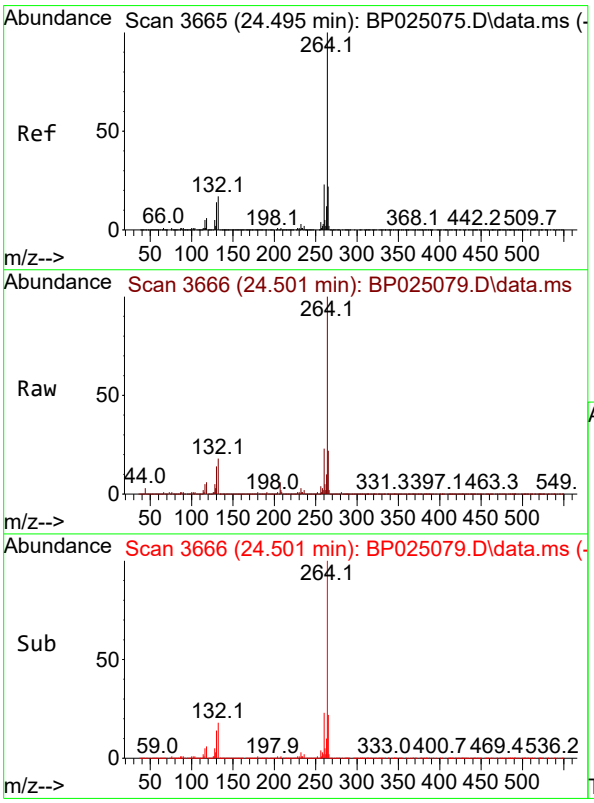
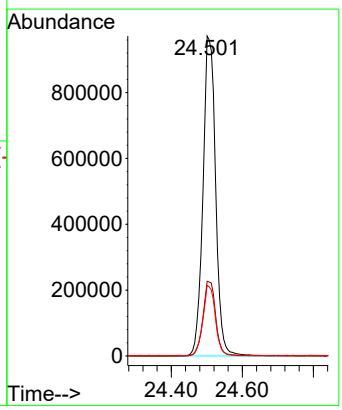
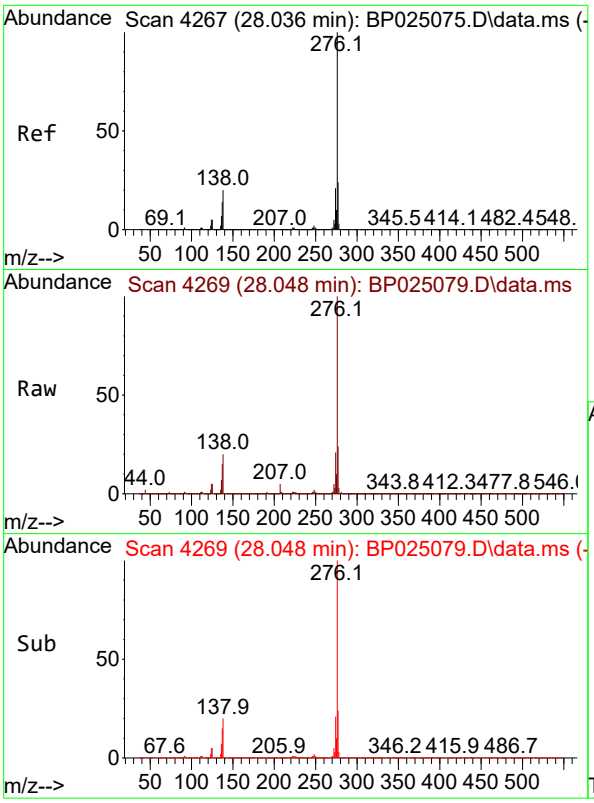


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:264 Resp: 2415004

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.7	26.5

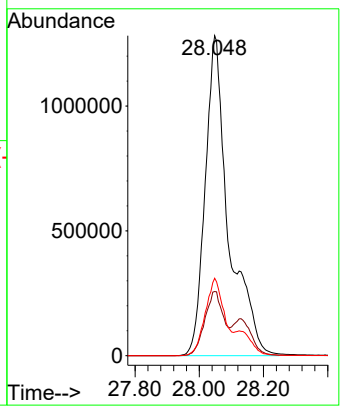




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.211 ng m
RT: 28.048 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 649415

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	19.8	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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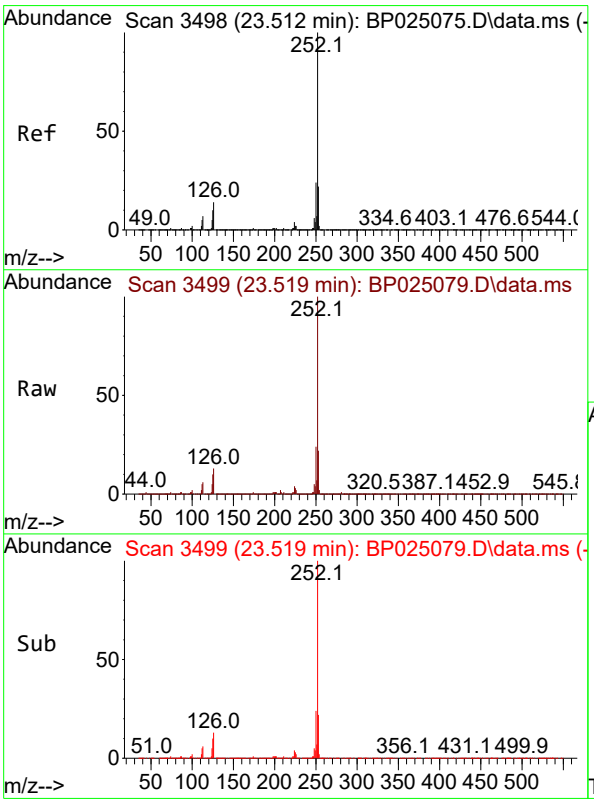
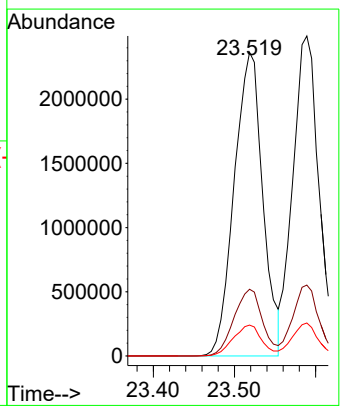
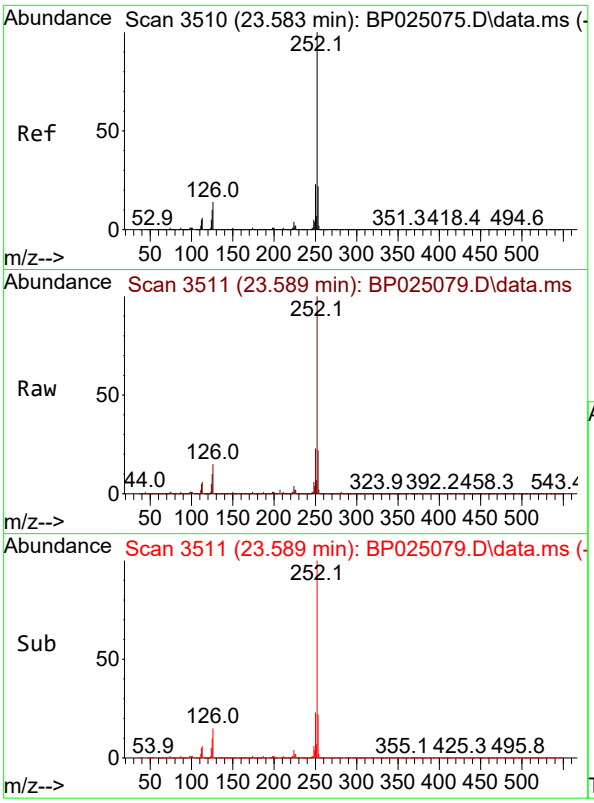


#88
Benzo(b)fluoranthene
Concen: 41.137 ng
RT: 23.519 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 5782492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.1	12.1

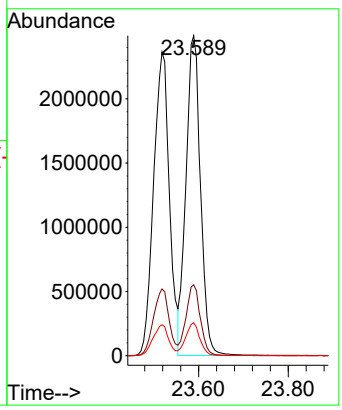




#89
Benzo(k)fluoranthene
Concen: 39.974 ng
RT: 23.589 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 559080

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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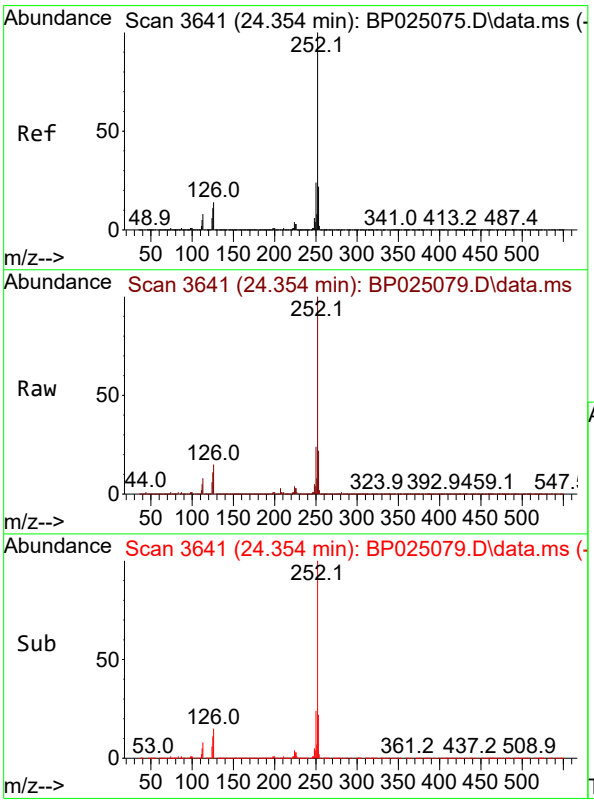
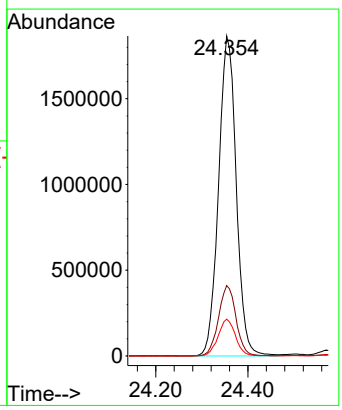
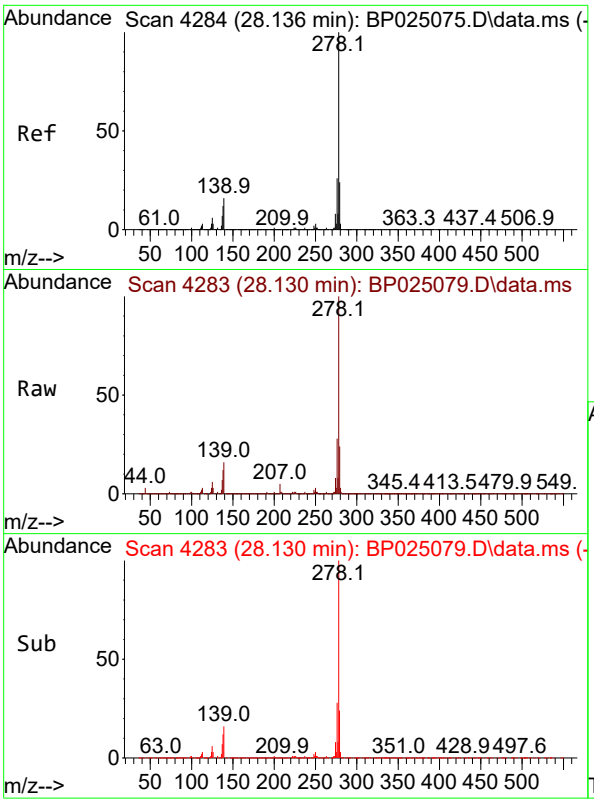


#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 4952570

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.0	13.4

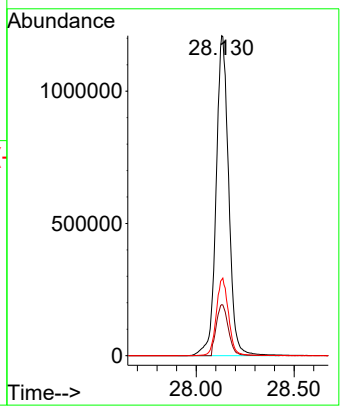




#91
Dibenzo(a,h)anthracene
Concen: 42.422 ng
RT: 28.130 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:278 Resp: 539484

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.8	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
ICVBP070325

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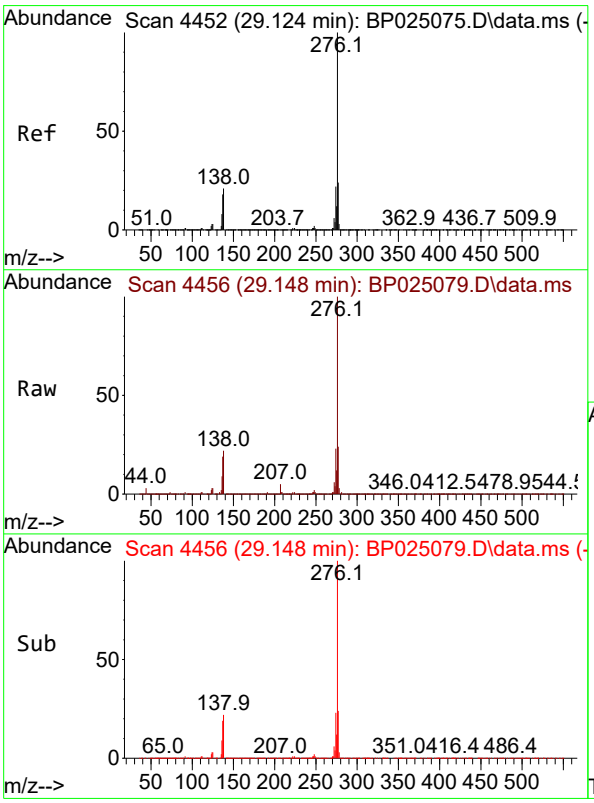
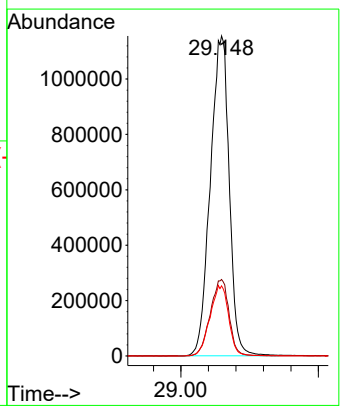


#92
Benzo(g,h,i)perylene
Concen: 41.855 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 5498609

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.9	16.9	25.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.439	0.415	5.5	98	0.00
3		Pyridine	1.202	1.172	2.5	98	0.00
4		n-Nitrosodimethylamine	0.509	0.495	2.8	100	0.00
5	S	2-Fluorophenol	1.129	1.126	0.3	102	0.00
6		Aniline	1.376	1.369	0.5	101	0.00
7	S	Phenol-d6	1.473	1.474	-0.1	104	0.00
8		2-Chlorophenol	1.263	1.277	-1.1	104	0.00
9		Benzaldehyde	0.769	0.785	-2.1	111	0.00
10	C	Phenol	1.497	1.483	0.9	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.129	2.0	103	0.00
12		1,3-Dichlorobenzene	1.413	1.392	1.5	104	0.00
13	C	1,4-Dichlorobenzene	1.431	1.409	1.5	103	0.00
14		1,2-Dichlorobenzene	1.377	1.341	2.6	102	0.00
15		Benzyl Alcohol	0.983	1.004	-2.1	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.445	3.5	103	0.00
17		2-Methylphenol	0.964	0.981	-1.8	104	0.00
18		Hexachloroethane	0.466	0.468	-0.4	104	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.885	-1.3	105	0.00
20		3+4-Methylphenols	1.350	1.364	-1.0	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.473	0.461	2.5	104	0.00
23	S	Nitrobenzene-d5	0.301	0.312	-3.7	107	0.00
24		Nitrobenzene	0.306	0.309	-1.0	105	0.00
25		Isophorone	0.562	0.567	-0.9	107	0.00
26	C	2-Nitrophenol	0.128	0.149	-16.4	117	0.00
27		2,4-Dimethylphenol	0.210	0.211	-0.5	107	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	106	0.00
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	106	0.00
30		1,2,4-Trichlorobenzene	0.322	0.318	1.2	105	0.00
31		Naphthalene	1.030	1.008	2.1	105	0.00
32		Benzoic acid	0.185	0.209	-13.0	118	0.00
33		4-Chloroaniline	0.384	0.387	-0.8	104	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	107	0.00
35		Caprolactam	0.099	0.102	-3.0	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.311	-2.3	106	0.00
37		2-Methylnaphthalene	0.727	0.715	1.7	104	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.576	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.161	-7.3	116	0.00
42	S	2,4,6-Tribromophenol	0.236	0.244	-3.4	106	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.371	-6.6	107	0.00
44		2,4,5-Trichlorophenol	0.394	0.417	-5.8	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	106	0.00
46		1,1'-Biphenyl	1.455	1.420	2.4	104	0.00
47		2-Chloronaphthalene	1.094	1.072	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	0.237	0.264	-11.4	109	0.00
49		Acenaphthylene	1.674	1.692	-1.1	106	0.00
50		Dimethylphthalate	1.400	1.405	-0.4	107	0.00
51		2,6-Dinitrotoluene	0.273	0.293	-7.3	106	0.00
52	C	Acenaphthene	1.079	1.061	1.7	106	0.00
53		3-Nitroaniline	0.293	0.318	-8.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.124	-8.8	113	0.00
55		Dibenzofuran	1.781	1.746	2.0	105	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.01
57		2,4-Dinitrotoluene	0.356	0.395	-11.0	108	0.00
58		Fluorene	1.377	1.366	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.379	-6.2	109	0.00
60		Diethylphthalate	1.406	1.427	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	0.682	0.668	2.1	105	0.00
62		4-Nitroaniline	0.307	0.334	-8.8	104	0.00
63		Azobenzene	1.252	1.208	3.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.088	-7.3	113	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.573	-0.2	105	0.01
67		4-Bromophenyl-phenylether	0.205	0.207	-1.0	106	0.00
68		Hexachlorobenzene	0.250	0.247	1.2	104	0.00
69		Atrazine	0.168	0.171	-1.8	104	0.00
70	C	Pentachlorophenol	0.169	0.179	-5.9	109	0.00
71		Phenanthrene	1.069	1.055	1.3	103	0.00
72		Anthracene	1.025	1.035	-1.0	104	0.01
73		Carbazole	1.002	1.005	-0.3	102	0.00
74		Di-n-butylphthalate	1.116	1.193	-6.9	105	0.00
75	C	Fluoranthene	1.249	1.255	-0.5	102	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	0.01
77		Benzidine	0.353	0.463	-31.2#	80	0.00
78		Pyrene	1.239	1.283	-3.6	102	0.00
79	S	Terphenyl-d14	0.910	0.956	-5.1	103	0.02
80		Butylbenzylphthalate	0.402	0.481	-19.7	107	0.01
81		Benzo(a)anthracene	1.212	1.238	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	0.365	0.407	-11.5	103	0.00
83		Chrysene	1.166	1.173	-0.6	99	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.743	-14.3	104	0.01
85	c	Di-n-octyl phthalate	1.054	1.183	-12.2	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.345	-5.6	100	0.01
88		Benzo(b)fluoranthene	1.164	1.197	-2.8	99	0.00
89		Benzo(k)fluoranthene	1.158	1.158	0.0	100	0.00
90	C	Benzo(a)pyrene	0.991	1.025	-3.4	99	0.00
91		Dibenzo(a,h)anthracene	1.053	1.117	-6.1	101	0.00
92		Benzo(g,h,i)perylene	1.088	1.138	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	37.814	5.5	98	0.00
3		Pyridine	40.000	39.027	2.4	98	0.00
4		n-Nitrosodimethylamine	40.000	38.933	2.7	100	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	102	0.00
6		Aniline	40.000	39.803	0.5	101	0.00
7	S	Phenol-d6	80.000	80.057	-0.1	104	0.00
8		2-Chlorophenol	40.000	40.431	-1.1	104	0.00
9		Benzaldehyde	40.000	40.841	-2.1	111	0.00
10	C	Phenol	40.000	39.645	0.9	103	0.00
11		bis(2-Chloroethyl)ether	40.000	39.206	2.0	103	0.00
12		1,3-Dichlorobenzene	40.000	39.389	1.5	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.387	1.5	103	0.00
14		1,2-Dichlorobenzene	40.000	38.965	2.6	102	0.00
15		Benzyl Alcohol	40.000	40.867	-2.2	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.579	3.6	103	0.00
17		2-Methylphenol	40.000	40.721	-1.8	104	0.00
18		Hexachloroethane	40.000	40.115	-0.3	104	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.521	-1.3	105	0.00
20		3+4-Methylphenols	40.000	40.415	-1.0	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.992	2.5	104	0.00
23	S	Nitrobenzene-d5	80.000	82.866	-3.6	107	0.00
24		Nitrobenzene	40.000	40.369	-0.9	105	0.00
25		Isophorone	40.000	40.360	-0.9	107	0.00
26	C	2-Nitrophenol	40.000	40.694	-1.7	117	0.00
27		2,4-Dimethylphenol	40.000	40.332	-0.8	107	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.567	1.1	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.412	-3.5	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.571	1.1	105	0.00
31		Naphthalene	40.000	39.170	2.1	105	0.00
32		Benzoic acid	40.000	40.952	-2.4	118	0.00
33		4-Chloroaniline	40.000	40.229	-0.6	104	0.00
34	C	Hexachlorobutadiene	40.000	40.154	-0.4	107	0.00
35		Caprolactam	40.000	40.864	-2.2	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.967	-2.4	106	0.00
37		2-Methylnaphthalene	40.000	39.345	1.6	104	0.00
38		1-Methylnaphthalene	40.000	39.301	1.7	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.072	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.989	-7.5	116	0.00
42	S	2,4,6-Tribromophenol	80.000	82.624	-3.3	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.646	-6.6	107	0.00
44		2,4,5-Trichlorophenol	40.000	42.335	-5.8	108	0.00
45	S	2-Fluorobiphenyl	80.000	78.712	1.6	106	0.00
46		1,1'-Biphenyl	40.000	39.032	2.4	104	0.00
47		2-Chloronaphthalene	40.000	39.210	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.894	0.3	109	0.00
49		Acenaphthylene	40.000	40.431	-1.1	106	0.00
50		Dimethylphthalate	40.000	40.131	-0.3	107	0.00
51		2,6-Dinitrotoluene	40.000	42.919	-7.3	106	0.00
52	C	Acenaphthene	40.000	39.318	1.7	106	0.00
53		3-Nitroaniline	40.000	43.418	-8.5	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.066	-0.2	113	0.00
55		Dibenzofuran	40.000	39.220	2.0	105	0.00
56	P	4-Nitrophenol	40.000	42.369	-5.9	107	0.01
57		2,4-Dinitrotoluene	40.000	39.932	0.2	108	0.00
58		Fluorene	40.000	39.662	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.414	-6.0	109	0.00
60		Diethylphthalate	40.000	40.587	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	40.000	39.198	2.0	105	0.00
62		4-Nitroaniline	40.000	43.550	-8.9	104	0.00
63		Azobenzene	40.000	38.583	3.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.754	0.6	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.039	-0.1	105	0.01
67		4-Bromophenyl-phenylether	40.000	40.486	-1.2	106	0.00
68		Hexachlorobenzene	40.000	39.499	1.3	104	0.00
69		Atrazine	40.000	40.888	-2.2	104	0.00
70	C	Pentachlorophenol	40.000	42.471	-6.2	109	0.00
71		Phenanthrene	40.000	39.487	1.3	103	0.00
72		Anthracene	40.000	40.385	-1.0	104	0.01
73		Carbazole	40.000	40.086	-0.2	102	0.00
74		Di-n-butylphthalate	40.000	42.761	-6.9	105	0.00
75	C	Fluoranthene	40.000	40.180	-0.4	102	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	0.01
77		Benzidine	40.000	52.461	-31.2#	80	0.00
78		Pyrene	40.000	41.413	-3.5	102	0.00
79	S	Terphenyl-d14	80.000	84.014	-5.0	103	0.02
80		Butylbenzylphthalate	40.000	40.921	-2.3	107	0.01
81		Benzo(a)anthracene	40.000	40.856	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	40.000	44.629	-11.6	103	0.00
83		Chrysene	40.000	40.218	-0.5	99	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.685	-14.2	104	0.01
85	c	Di-n-octyl phthalate	40.000	40.750	-1.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.211	-5.5	100	0.01
88		Benzo(b)fluoranthene	40.000	41.137	-2.8	99	0.00
89		Benzo(k)fluoranthene	40.000	39.974	0.1	100	0.00
90	C	Benzo(a)pyrene	40.000	41.397	-3.5	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.422	-6.1	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.855	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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

Raw Data: **BF143117.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_F Calibration Date/Time: 07/16/2025 19:39

Lab File ID: BF143117.D Init. Calib. Date(s): 07/15/2025 07/15/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:04 16:35

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.266	1.249		-1.3	
Benzaldehyde	1.212	1.240		2.3	
Phenol-d6	1.591	1.563		-1.8	
Phenol	1.723	1.816		5.4	20.0
bis(2-Chloroethyl)ether	1.334	1.298		-2.7	
2-Chlorophenol	1.272	1.316		3.5	
2-Methylphenol	1.098	1.094		-0.4	
2,2-oxybis(1-Chloropropane)	2.458	2.389		-2.8	
Acetophenone	0.482	0.467		-3.1	
3+4-Methylphenols	1.346	1.368		1.6	
n-Nitroso-di-n-propylamine	0.975	0.965	0.050	-1.0	
Nitrobenzene-d5	0.357	0.402		12.6	
Hexachloroethane	0.471	0.486		3.2	
Nitrobenzene	0.344	0.369		7.3	
Isophorone	0.689	0.675		-2.0	
2-Nitrophenol	0.114	0.145		27.2	20.0
2,4-Dimethylphenol	0.320	0.320		0.0	
bis(2-Chloroethoxy)methane	0.418	0.412		-1.4	
2,4-Dichlorophenol	0.262	0.269		2.7	20.0
Naphthalene	0.993	0.972		-2.1	
4-Chloroaniline	0.399	0.393		-1.5	
Hexachlorobutadiene	0.178	0.178		0.0	20.0
Caprolactam	0.082	0.084		2.4	
4-Chloro-3-methylphenol	0.291	0.293		0.7	20.0
2-Methylnaphthalene	0.592	0.578		-2.4	
Hexachlorocyclopentadiene	0.323	0.341	0.050	5.6	
2,4,6-Trichlorophenol	0.362	0.386		6.6	20.0
2-Fluorobiphenyl	1.505	1.421		-5.6	
2,4,5-Trichlorophenol	0.380	0.387		1.8	
1,1-Biphenyl	1.595	1.534		-3.8	
2-Chloronaphthalene	1.172	1.129		-3.7	
2-Nitroaniline	0.303	0.352		16.2	
Dimethylphthalate	1.258	1.236		-1.7	
Acenaphthylene	1.952	1.912		-2.0	
2,6-Dinitrotoluene	0.219	0.258		17.8	
3-Nitroaniline	0.272	0.299		9.9	
Acenaphthene	1.152	1.115		-3.2	20.0
2,4-Dinitrophenol	0.073	0.082	0.050	12.3	
4-Nitrophenol	0.216	0.230	0.050	6.5	

Raw Data: **BF143117.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_F Calibration Date/Time: 07/16/2025 19:39

Lab File ID: BF143117.D Init. Calib. Date(s): 07/15/2025 07/15/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:04 16:35

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.717	1.649		-4.0	
2,4-Dinitrotoluene	0.265	0.307		15.8	
Diethylphthalate	1.214	1.211		-0.2	
4-Chlorophenyl-phenylether	0.617	0.603		-2.3	
Fluorene	1.288	1.219		-5.4	
4-Nitroaniline	0.236	0.255		8.1	
4,6-Dinitro-2-methylphenol	0.067	0.078		16.4	
n-Nitrosodiphenylamine	0.703	0.687		-2.3	20.0
2,4,6-Tribromophenol	0.178	0.191		7.3	
4-Bromophenyl-phenylether	0.227	0.227		0.0	
Hexachlorobenzene	0.241	0.241		0.0	
Atrazine	0.180	0.183		1.7	
Pentachlorophenol	0.132	0.144		9.1	20.0
Phenanthrene	1.079	1.046		-3.1	
Anthracene	1.085	1.063		-2.0	
Carbazole	0.972	0.934		-3.9	
Di-n-butylphthalate	0.893	0.937		4.9	
Fluoranthene	0.981	0.947		-3.5	20.0
Pyrene	1.856	1.773		-4.5	
Terphenyl-d14	1.368	1.302		-4.8	
Butylbenzylphthalate	0.318	0.365		14.8	
3,3-Dichlorobenzidine	0.387	0.391		1.0	
Benzo(a)anthracene	1.333	1.354		1.6	
Chrysene	1.227	1.156		-5.8	
Bis(2-ethylhexyl)phthalate	0.480	0.572		19.2	
Di-n-octyl phthalate	0.927	1.043		12.5	20.0
Benzo(b)fluoranthene	1.154	1.136		-1.6	
Benzo(k)fluoranthene	1.101	1.092		-0.8	
Benzo(a)pyrene	1.091	1.116		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.488	1.529		2.8	
Dibenzo(a,h)anthracene	1.216	1.243		2.2	
Benzo(g,h,i)perylene	1.240	1.256		1.3	
1,2,4,5-Tetrachlorobenzene	0.583	0.567		-2.7	
1,4-Dioxane	0.630	0.628		-0.3	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.324		7.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	135149	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	510164	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	254065	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	397173	20.000	ng		0.00
76) Chrysene-d12	14.127	240	210714	20.000	ng		0.00
86) Perylene-d12	15.633	264	255524	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	675027	78.913	ng		0.00
7) Phenol-d6	6.587	99	845178	78.603	ng		0.00
23) Nitrobenzene-d5	7.528	82	820016	90.170	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	193992	85.634	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1444367	75.570	ng		0.00
79) Terphenyl-d14	13.075	244	1097674	76.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.811	88	169746	39.864	ng		98
3) Pyridine	3.581	79	425792	39.489	ng		98
4) n-Nitrosodimethylamine	3.522	42	217941	39.012	ng		99
6) Aniline	6.628	93	595971	39.360	ng		99
8) 2-Chlorophenol	6.751	128	355815	41.401	ng		98
9) Benzaldehyde	6.516	77	335257	40.919	ng		99
10) Phenol	6.598	94	490852	42.169	ng		100
11) bis(2-Chloroethyl)ether	6.698	93	350864	38.936	ng		99
12) 1,3-Dichlorobenzene	6.910	146	386579	39.815	ng		99
13) 1,4-Dichlorobenzene	6.987	146	383281	39.238	ng		99
14) 1,2-Dichlorobenzene	7.140	146	363768	39.051	ng		98
15) Benzyl Alcohol	7.098	79	319688	40.125	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	645668	38.870	ng		100
17) 2-Methylphenol	7.204	107	295753	39.876	ng		99
18) Hexachloroethane	7.487	117	131364	41.310	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	260963	39.615	ng		99
20) 3+4-Methylphenols	7.363	107	369651	40.641	ng		99
22) Acetophenone	7.369	105	476586	38.753	ng	#	93
24) Nitrobenzene	7.545	77	376400	42.874	ng		99
25) Isophorone	7.787	82	688462	39.167	ng		100
26) 2-Nitrophenol	7.863	139	148006	42.663	ng		100
27) 2,4-Dimethylphenol	7.893	122	326049	39.965	ng		99
28) bis(2-Chloroethoxy)met...	7.993	93	420098	39.412	ng		100
29) 2,4-Dichlorophenol	8.098	162	274747	41.164	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	297978	39.339	ng		98
31) Naphthalene	8.269	128	991571	39.140	ng		100
32) Benzoic acid	7.987	122	150277	38.466	ng		97
33) 4-Chloroaniline	8.310	127	401159	39.377	ng		100
34) Hexachlorobutadiene	8.393	225	181527	40.072	ng		99
35) Caprolactam	8.675	113	85847	41.190	ng		95
36) 4-Chloro-3-methylphenol	8.787	107	298817	40.192	ng		100
37) 2-Methylnaphthalene	8.963	142	589636	39.014	ng		100
38) 1-Methylnaphthalene	9.063	142	610968	38.976	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	287903	38.885	ng		99
41) Hexachlorocyclopentadiene	9.122	237	173333	42.225	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	195982	42.600	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

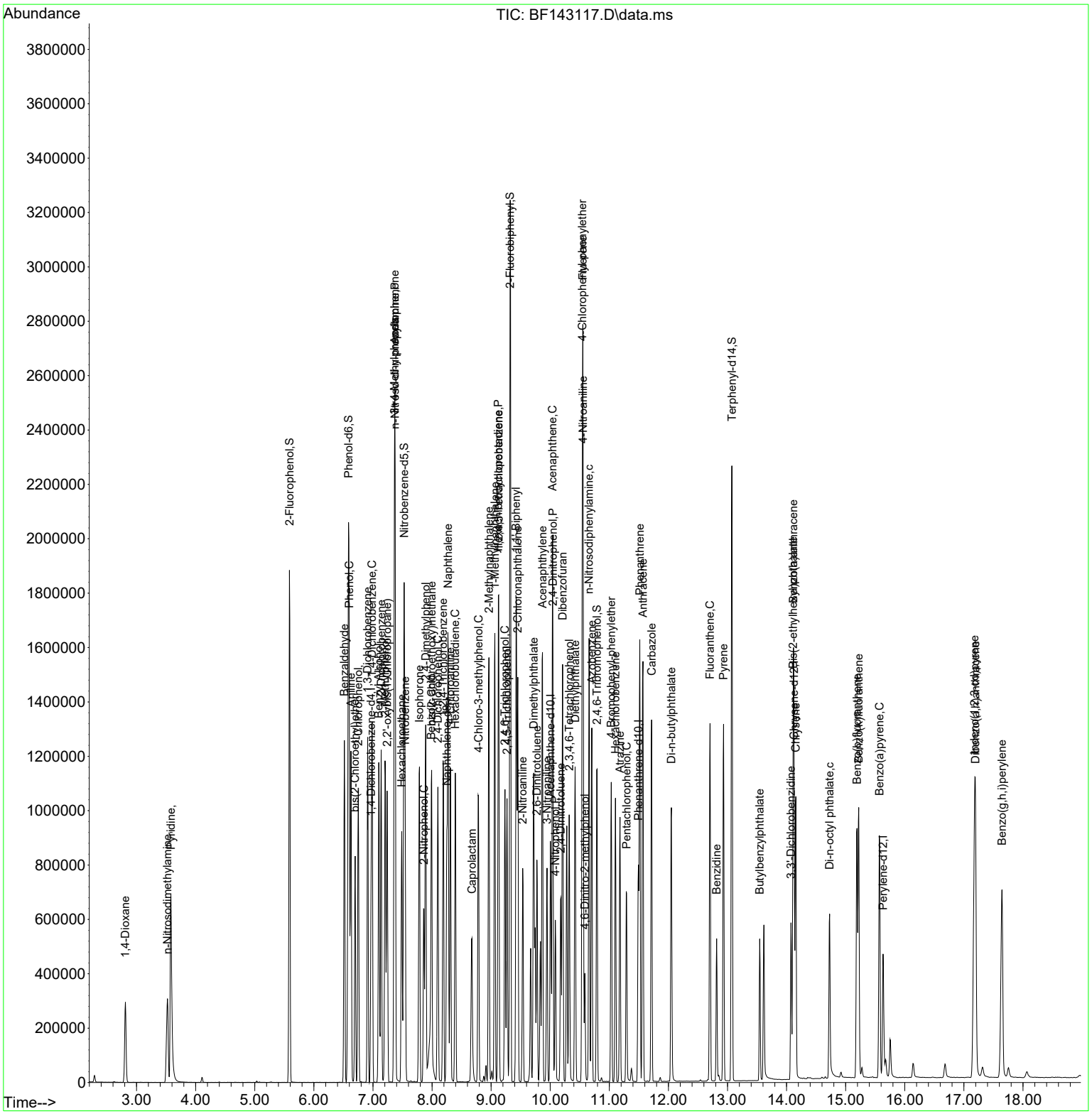
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	196557	40.747	ng		99
46) 1,1'-Biphenyl	9.422	154	779366	38.466	ng		100
47) 2-Chloronaphthalene	9.451	162	573731	38.546	ng		100
48) 2-Nitroaniline	9.534	65	178618	40.710	ng		99
49) Acenaphthylene	9.869	152	971647	39.176	ng		99
50) Dimethylphthalate	9.722	163	628010	39.291	ng		100
51) 2,6-Dinitrotoluene	9.775	165	130906	41.829	ng		95
52) Acenaphthene	10.039	154	566434	38.701	ng		99
53) 3-Nitroaniline	9.945	138	151765	43.942	ng		97
54) 2,4-Dinitrophenol	10.045	184	41904	42.980	ng	#	44
55) Dibenzofuran	10.210	168	838011	38.413	ng		100
56) 4-Nitrophenol	10.086	139	117068	42.650	ng		99
57) 2,4-Dinitrotoluene	10.181	165	155813	40.106	ng		96
58) Fluorene	10.551	166	619482	37.875	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	164509	42.914	ng		98
60) Diethylphthalate	10.422	149	615586	39.920	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	306293	39.072	ng		100
62) 4-Nitroaniline	10.557	138	129761	43.204	ng		99
63) Azobenzene	10.704	77	652575	38.265	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	62192	43.295	ng		97
66) n-Nitrosodiphenylamine	10.657	169	545898	39.129	ng		99
67) 4-Bromophenyl-phenylether	11.034	248	180440	39.949	ng		98
68) Hexachlorobenzene	11.104	284	191457	39.950	ng		97
69) Atrazine	11.181	200	145300	40.708	ng		99
70) Pentachlorophenol	11.292	266	114049	43.376	ng		99
71) Phenanthrene	11.516	178	831246	38.780	ng		100
72) Anthracene	11.569	178	844296	39.169	ng		99
73) Carbazole	11.716	167	742234	38.436	ng		100
74) Di-n-butylphthalate	12.051	149	743944	41.970	ng		100
75) Fluoranthene	12.704	202	752396	38.604	ng		99
77) Benzidine	12.816	184	274069	38.177	ng		99
78) Pyrene	12.933	202	747120	38.214	ng		100
80) Butylbenzylphthalate	13.545	149	153672	39.754	ng		95
81) Benzo(a)anthracene	14.116	228	570413	40.624	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	164768	40.409	ng		99
83) Chrysene	14.157	228	486986	37.657	ng		100
84) Bis(2-ethylhexyl)phtha...	14.110	149	241107	41.219	ng		100
85) Di-n-octyl phthalate	14.727	149	439529	40.440	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	781535	41.122	ng		100
88) Benzo(b)fluoranthene	15.192	252	580612	39.393	ng		99
89) Benzo(k)fluoranthene	15.221	252	558211	39.698	ng		99
90) Benzo(a)pyrene	15.574	252	570084	40.896	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	635338	40.895	ng		99
92) Benzo(g,h,i)perylene	17.645	276	642024	40.534	ng		98

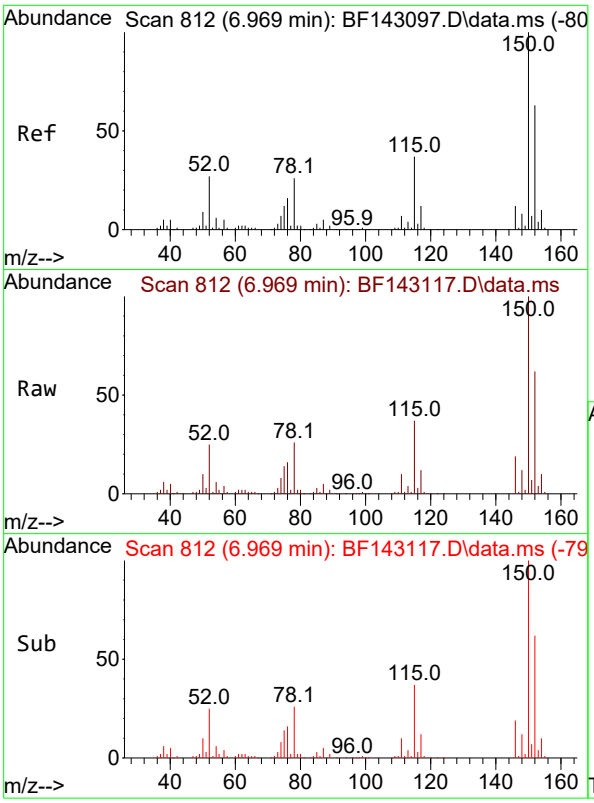
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration



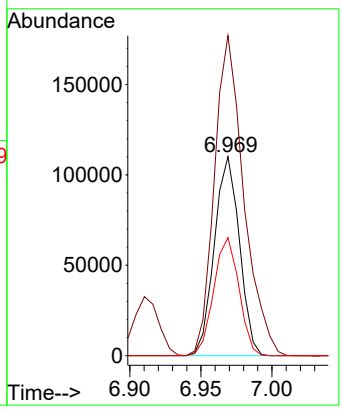


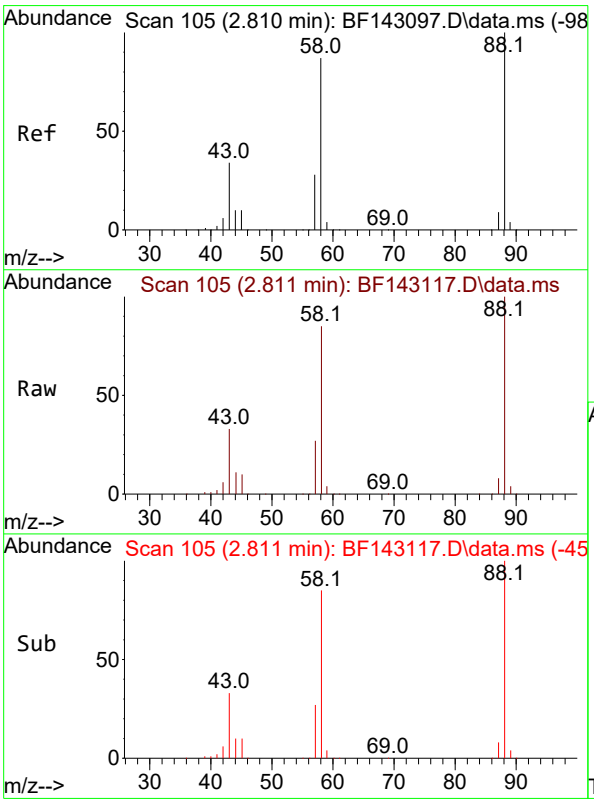
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 135149

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.5	189.7
115	59.4	47.0	70.6

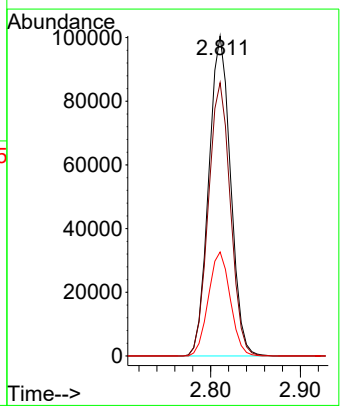


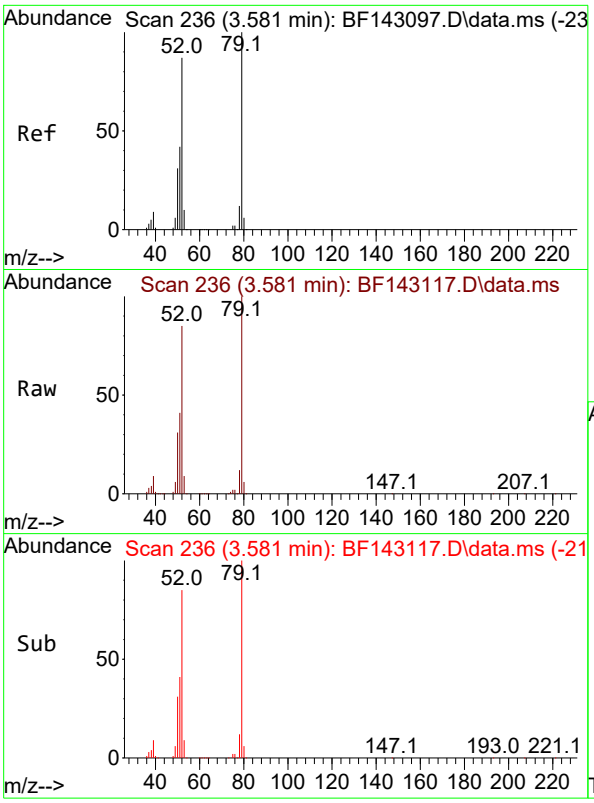


#2
1,4-Dioxane
Concen: 39.864 ng
RT: 2.811 min Scan# 105
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 88 Resp: 169746

Ion	Ratio	Lower	Upper
88	100		
58	86.0	70.5	105.7
43	32.5	27.3	40.9



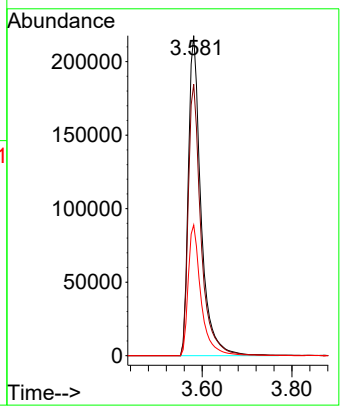


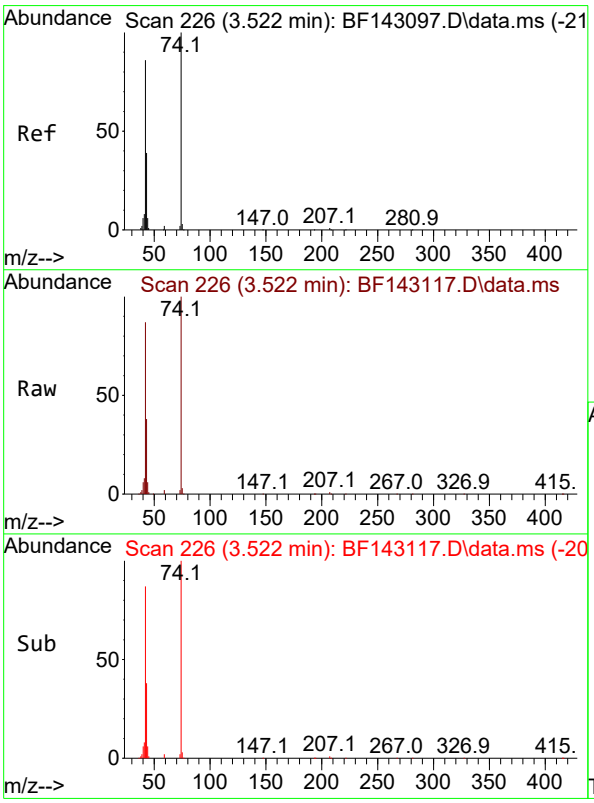
#3
Pyridine
Concen: 39.489 ng
RT: 3.581 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 425792

Ion	Ratio	Lower	Upper
79	100		
52	84.8	69.2	103.8
51	40.9	33.3	49.9

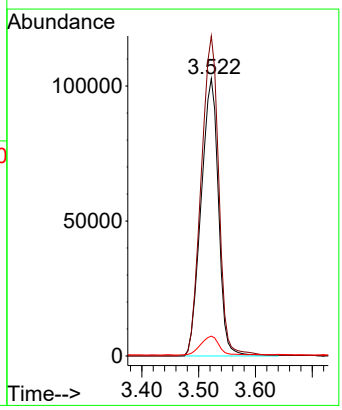


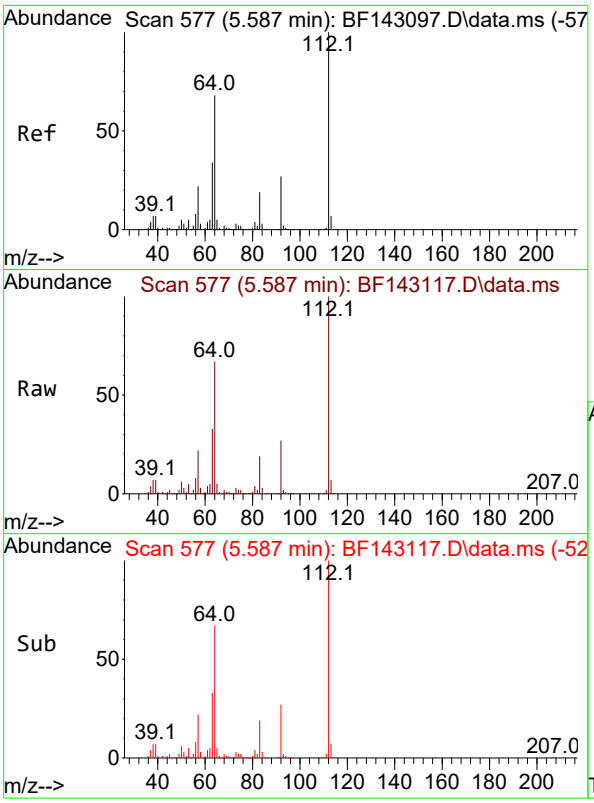


#4
n-Nitrosodimethylamine
Concen: 39.012 ng
RT: 3.522 min Scan# 226
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 42 Resp: 217941

Ion	Ratio	Lower	Upper
42	100		
74	115.4	92.8	139.2
44	7.2	5.8	8.6



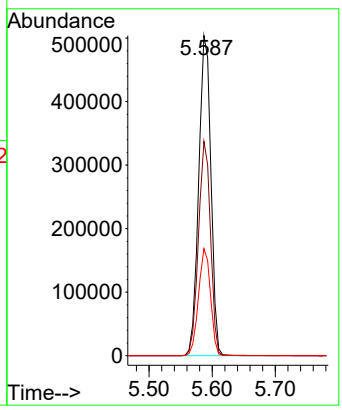


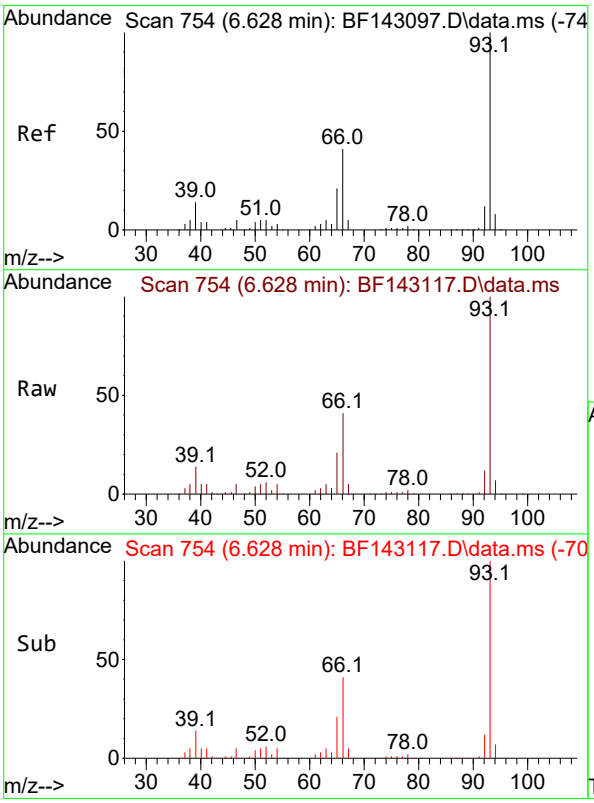
#5
2-Fluorophenol
Concen: 78.913 ng
RT: 5.587 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 675027

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.6	82.0
63	33.5	27.3	40.9

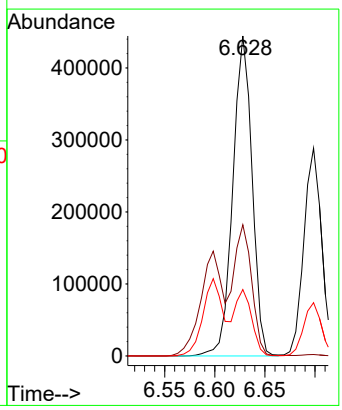


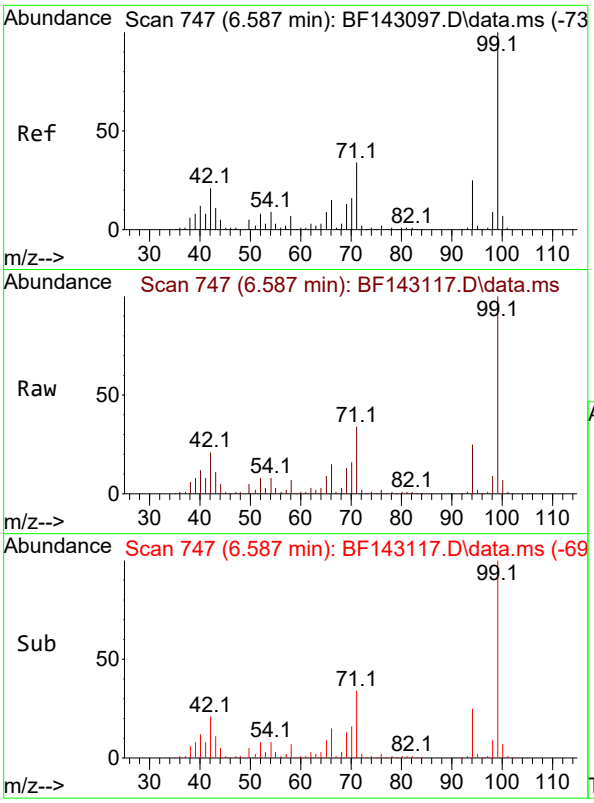


#6
Aniline
Concen: 39.360 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 93 Resp: 595971

Ion	Ratio	Lower	Upper
93	100		
66	41.0	33.1	49.7
65	20.8	16.9	25.3



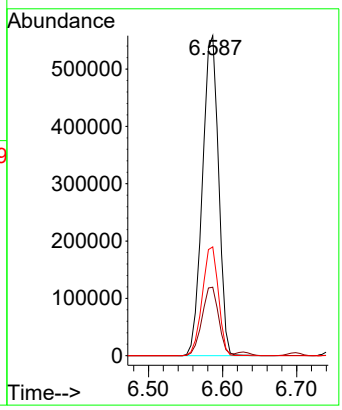


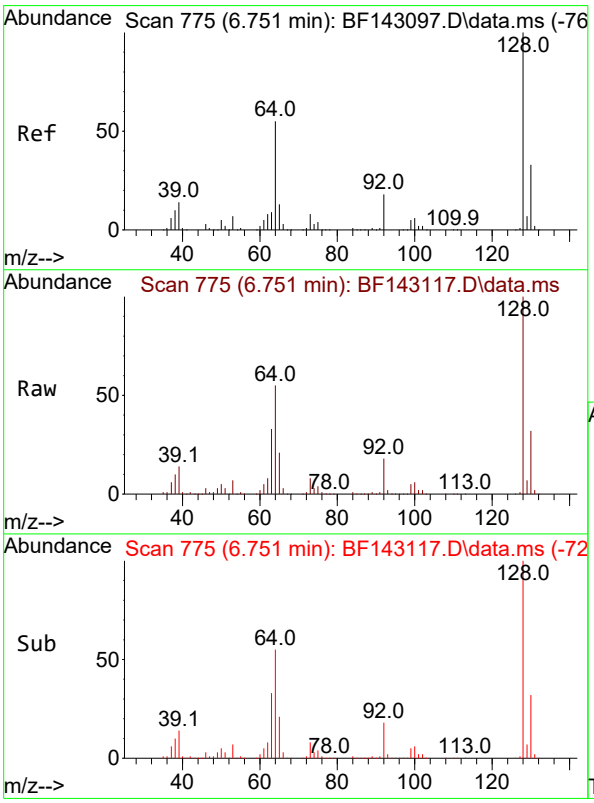
#7
Phenol-d6
Concen: 78.603 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 845178

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	34.0	27.4	41.0

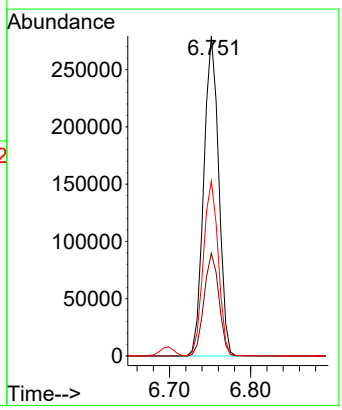


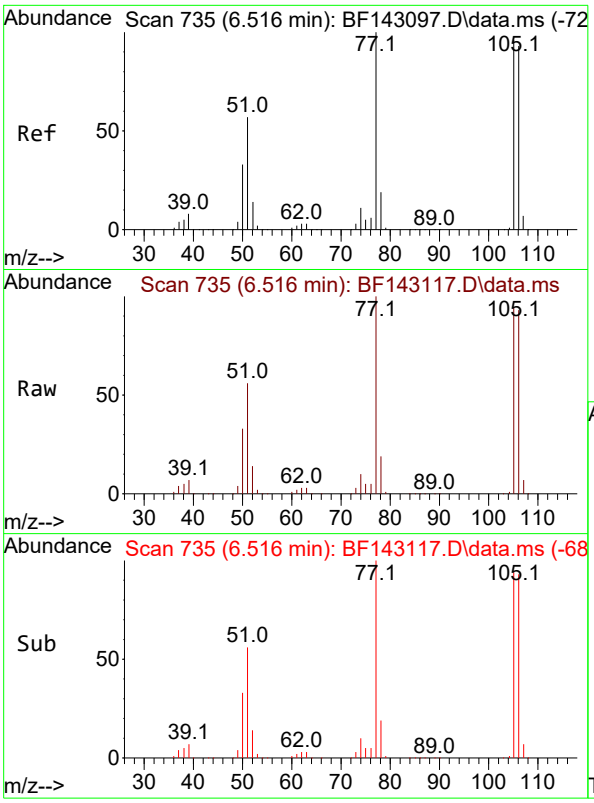


#8
2-Chlorophenol
Concen: 41.401 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:128 Resp: 355815

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	54.7	36.1	76.1



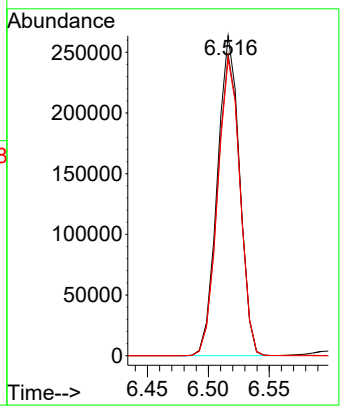


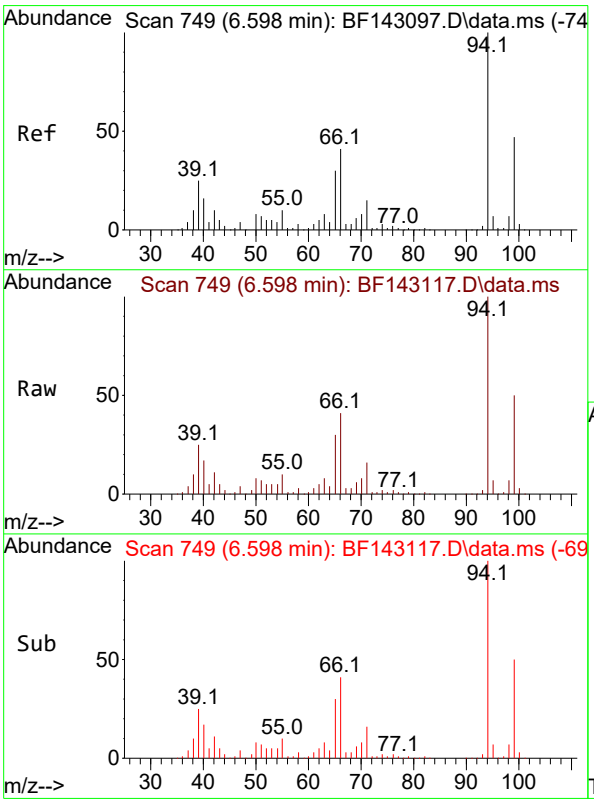
#9
Benzaldehyde
Concen: 40.919 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 335257

Ion	Ratio	Lower	Upper
77	100		
105	94.2	76.3	116.3
106	92.7	72.8	112.8

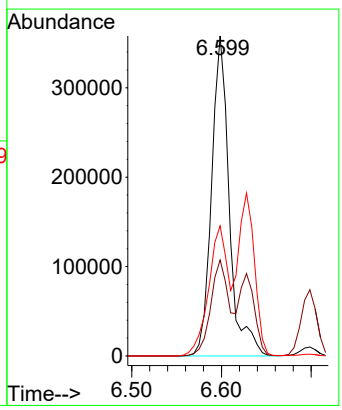


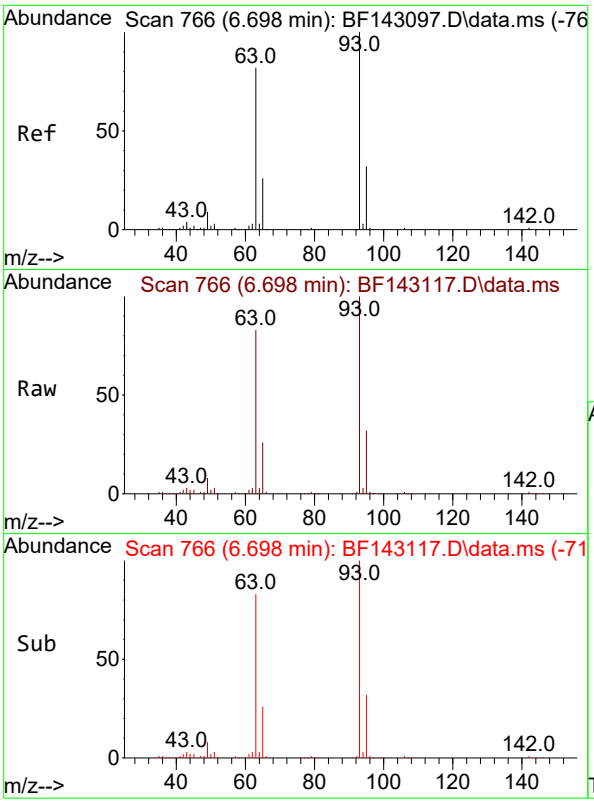


#10
Phenol
Concen: 42.169 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 94 Resp: 490852

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.8	49.8
66	40.7	20.5	60.5



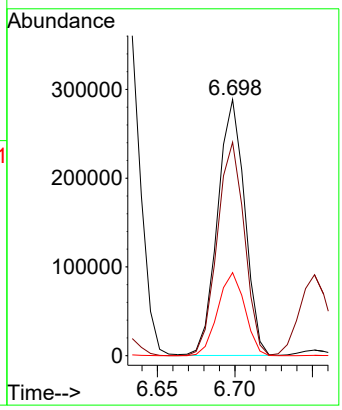


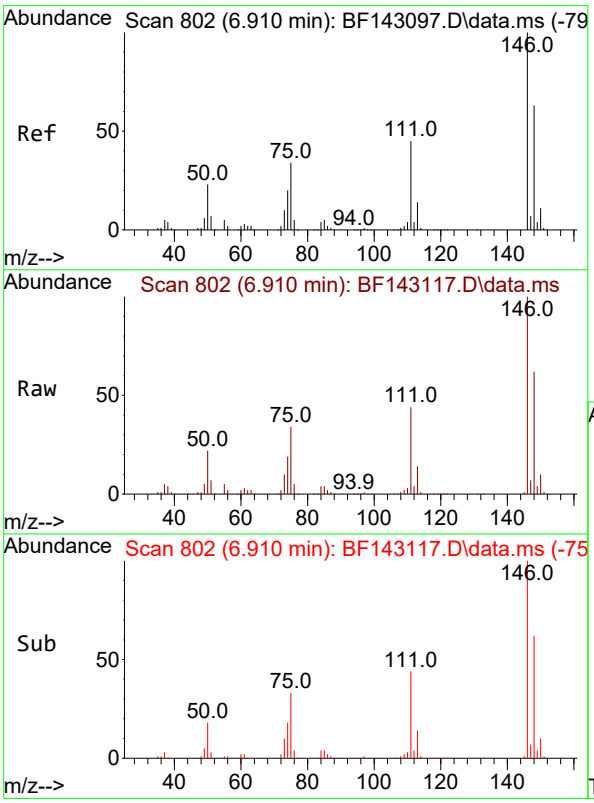
#11
bis(2-Chloroethyl)ether
Concen: 38.936 ng
RT: 6.698 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 350864

Ion	Ratio	Lower	Upper
93	100		
63	83.4	61.9	101.9
95	32.4	12.2	52.2

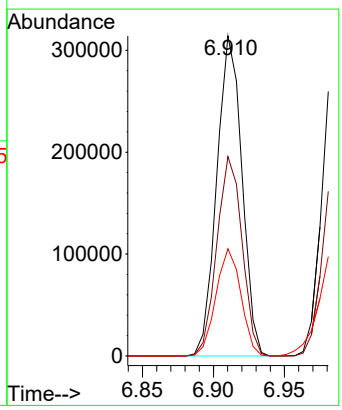


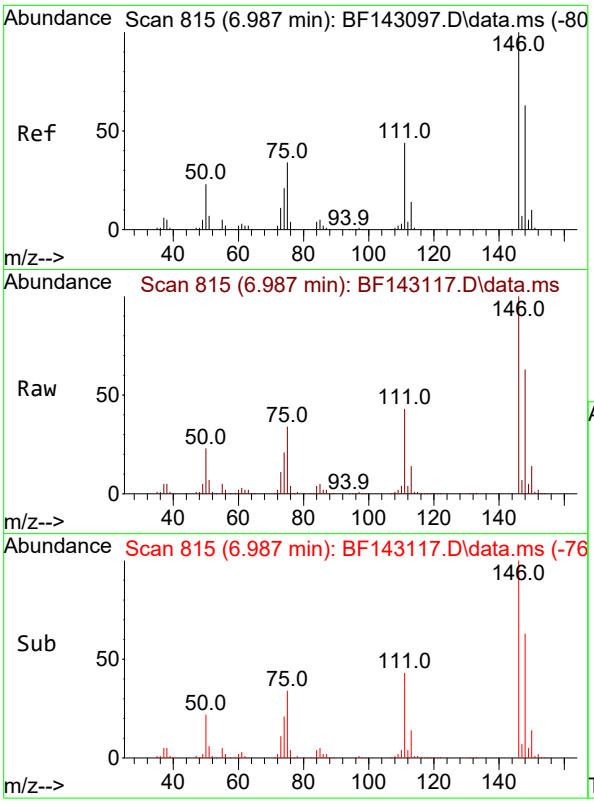


#12
1,3-Dichlorobenzene
Concen: 39.815 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:146 Resp: 386579

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.1	75.1
75	33.5	27.4	41.0



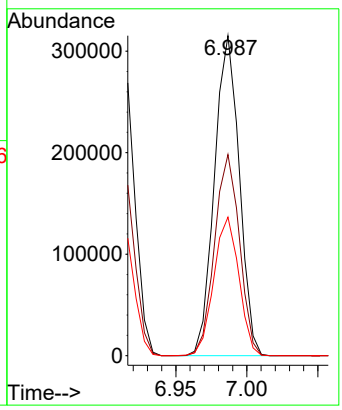


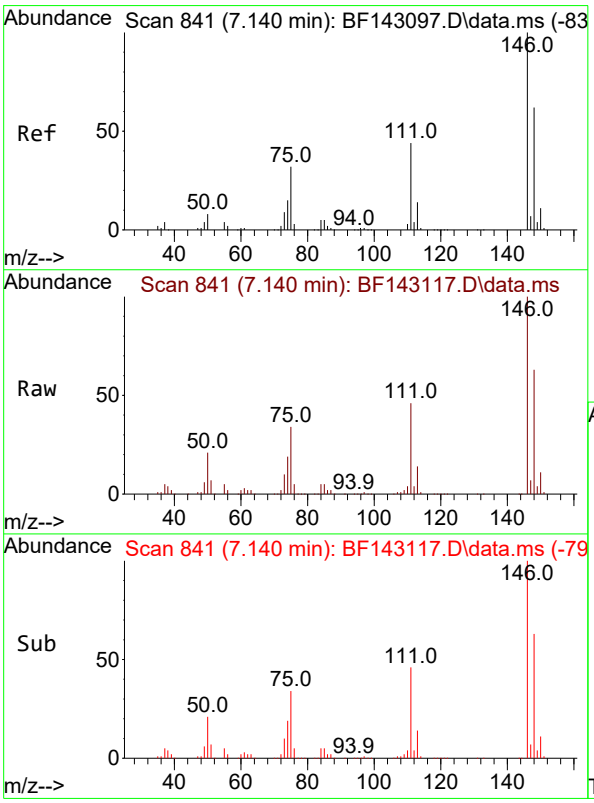
#13
1,4-Dichlorobenzene
Concen: 39.238 ng
RT: 6.987 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 383281

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	43.3	35.0	52.6

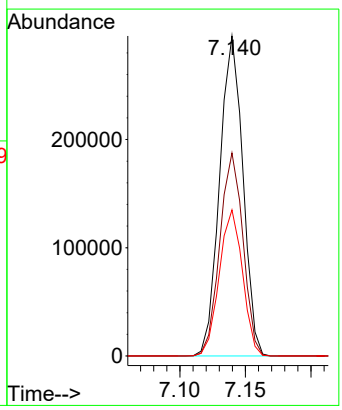


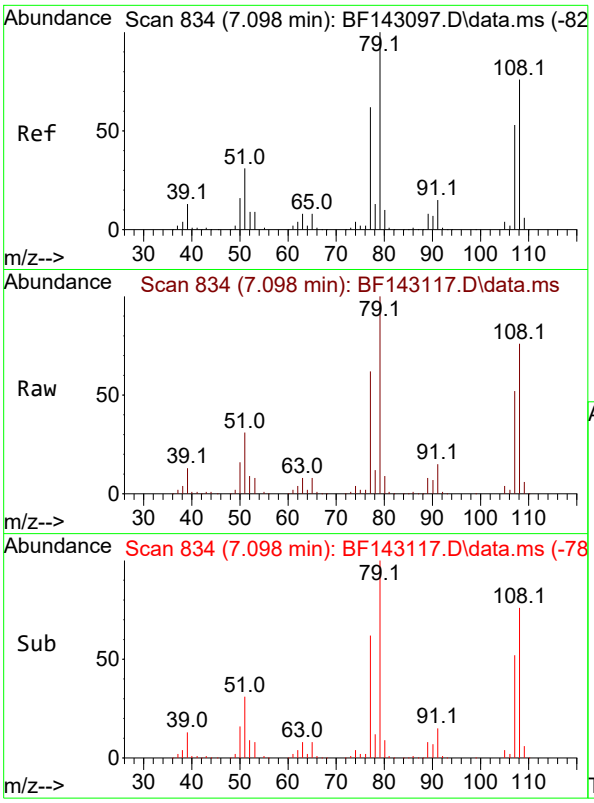


#14
1,2-Dichlorobenzene
Concen: 39.051 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:146 Resp: 363768

Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.6
111	45.6	35.4	53.0



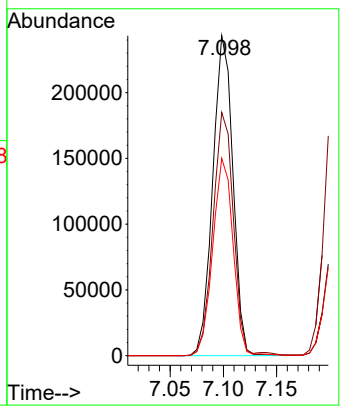


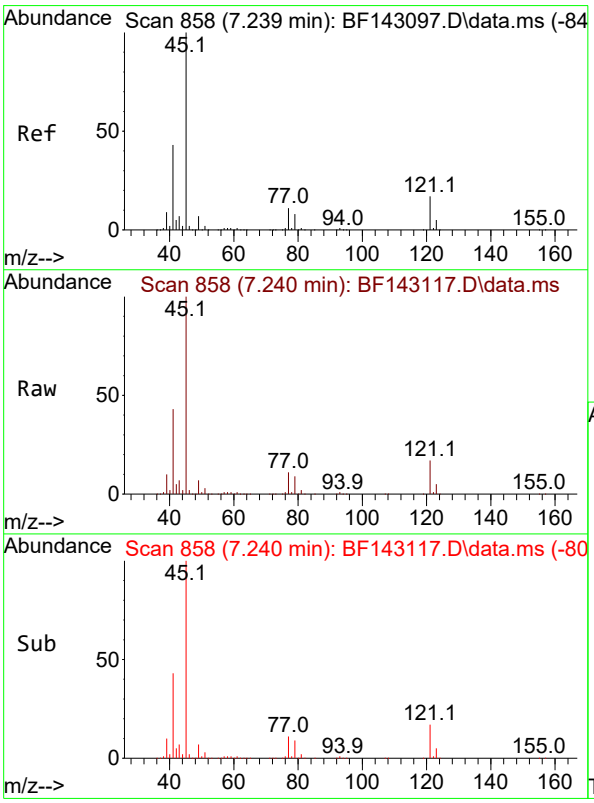
#15
Benzyl Alcohol
Concen: 40.125 ng
RT: 7.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 319688

Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.1	91.7
77	61.7	49.9	74.9

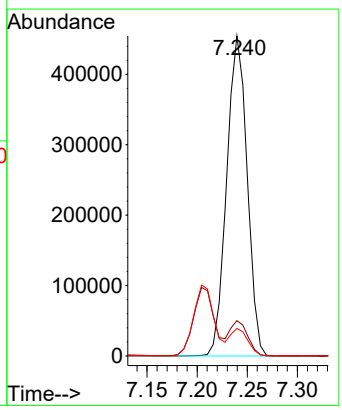


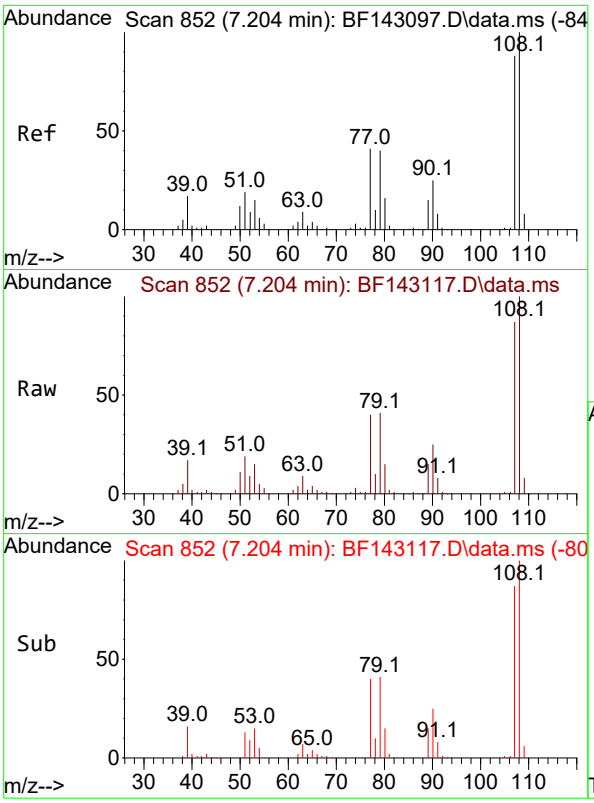


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.870 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 45 Resp: 645668

Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	31.1
79	8.6	0.0	28.4



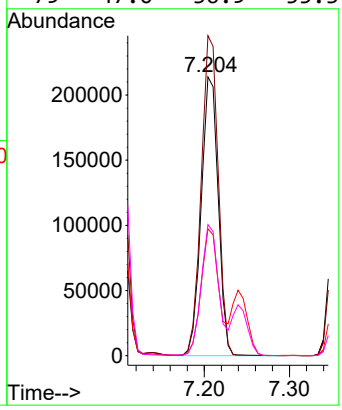


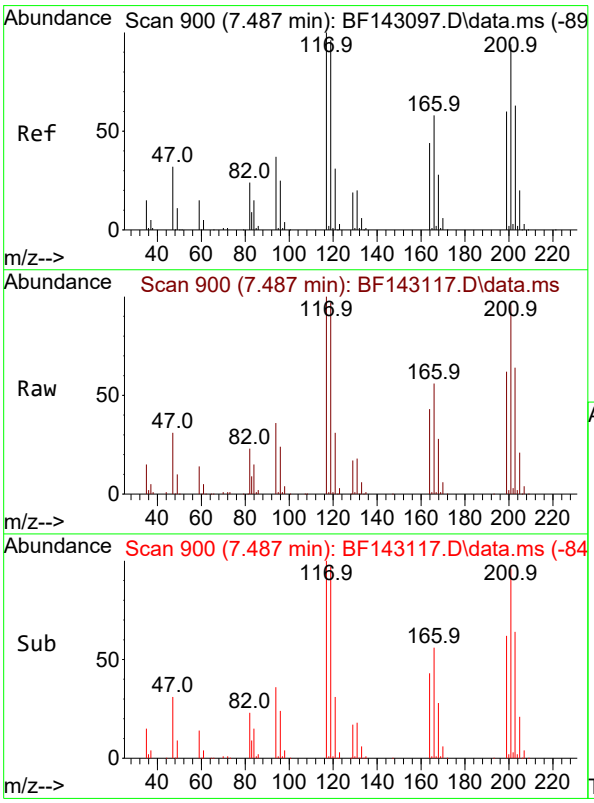
#17
2-Methylphenol
Concen: 39.876 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 295753

Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	45.5	37.5	56.3
79	47.0	36.9	55.3

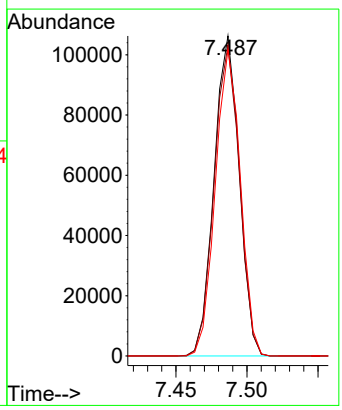


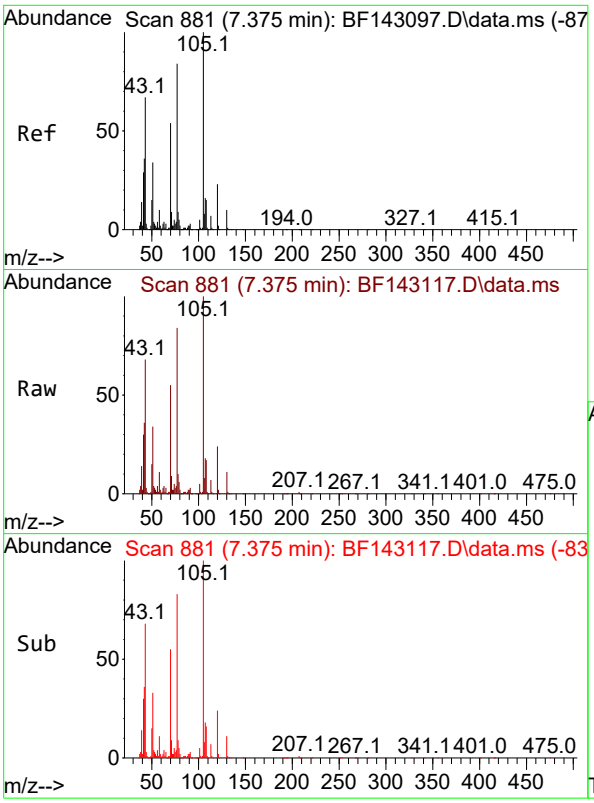


#18
Hexachloroethane
Concen: 41.310 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:117 Resp: 131364

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
201	95.8	75.0	112.4



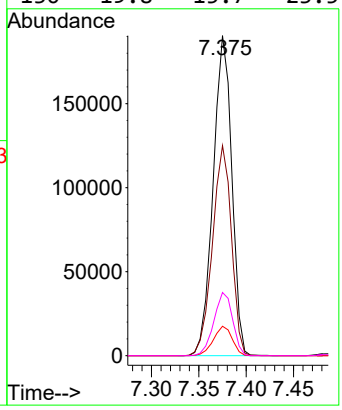


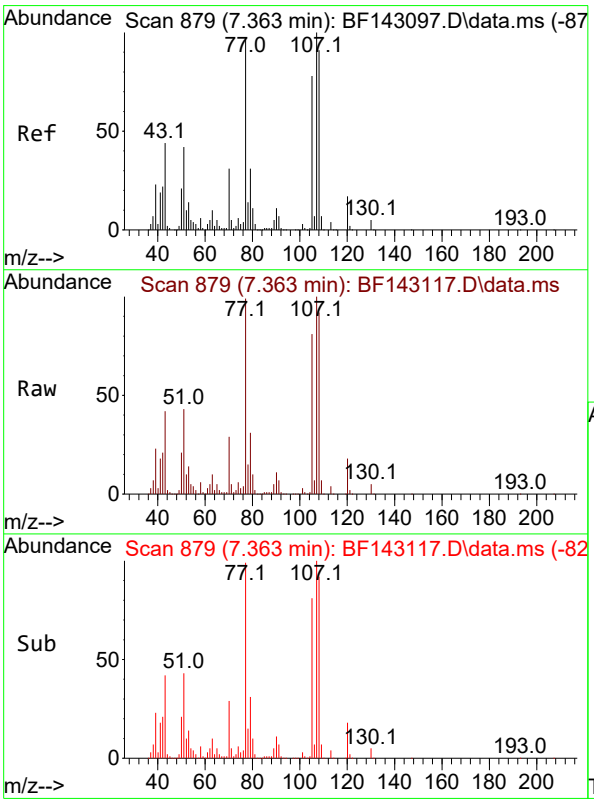
#19
n-Nitroso-di-n-propylamine
Concen: 39.615 ng
RT: 7.375 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 260963

Ion	Ratio	Lower	Upper
70	100		
42	65.6	53.2	79.8
101	9.2	7.5	11.3
130	19.8	15.7	23.5

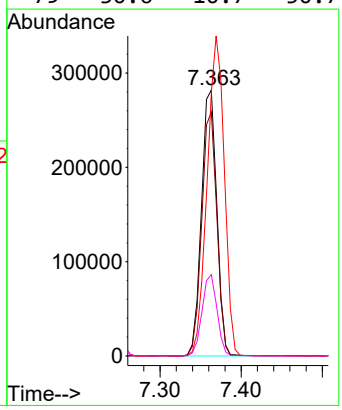


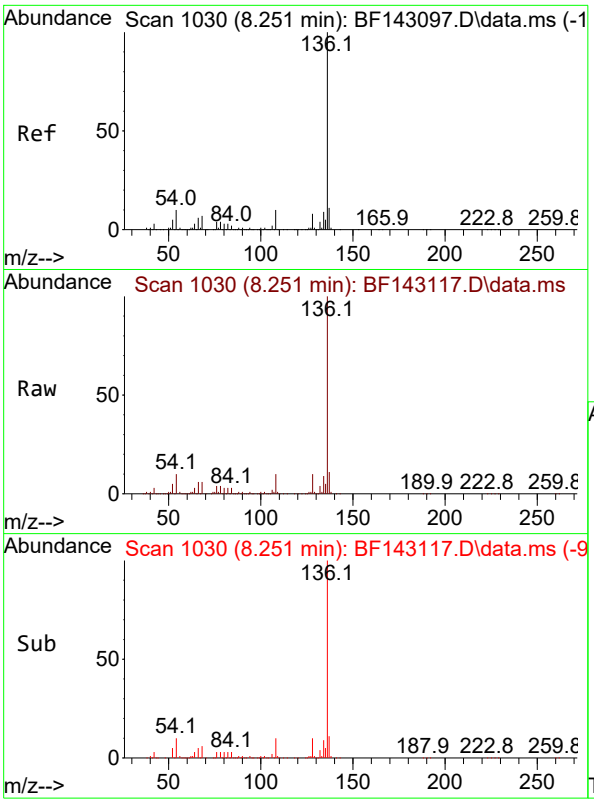


#20
3+4-Methylphenols
Concen: 40.641 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:107 Resp: 369651

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.3	111.3
77	98.8	77.2	117.2
79	30.6	10.7	50.7



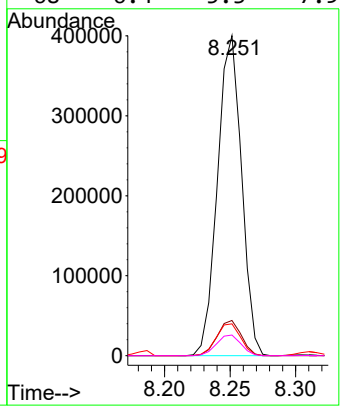


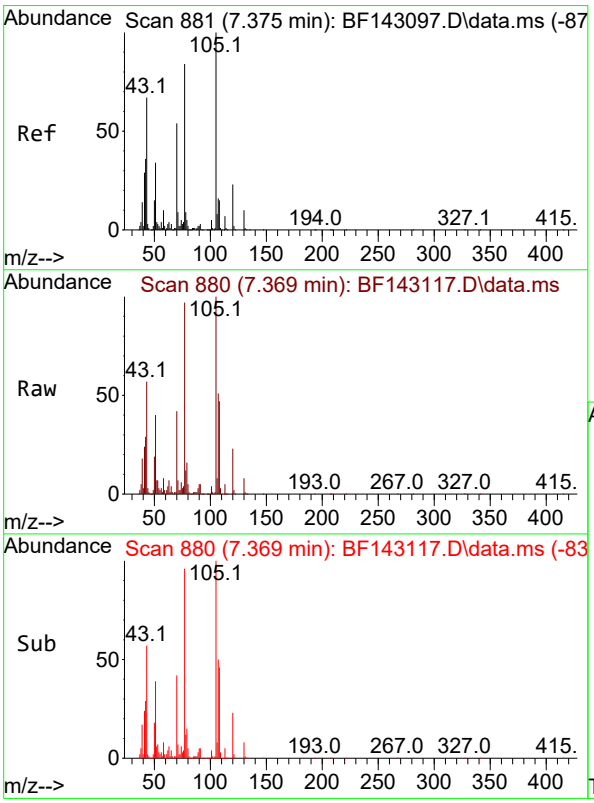
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 510164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	8.3	12.5
68	6.4	5.3	7.9

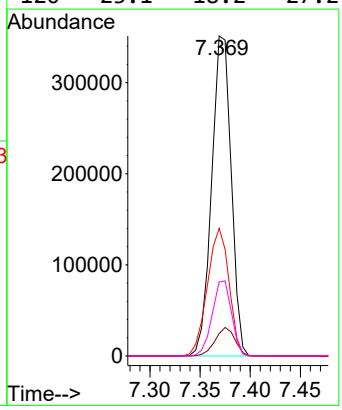


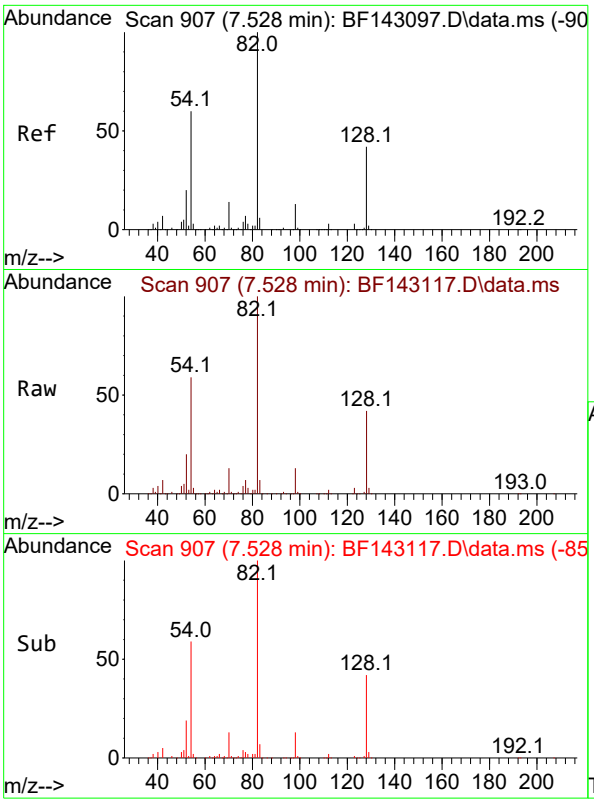


#22
Acetophenone
Concen: 38.753 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:105 Resp: 476586

Ion	Ratio	Lower	Upper
105	100		
71	7.0	7.2	10.8#
51	39.9	27.0	40.4
120	23.1	18.2	27.2



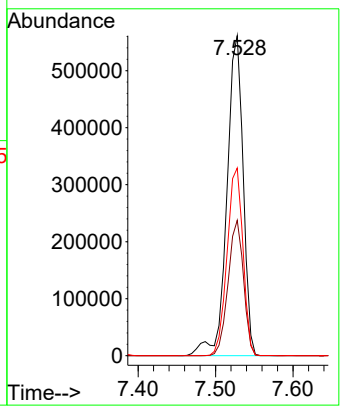


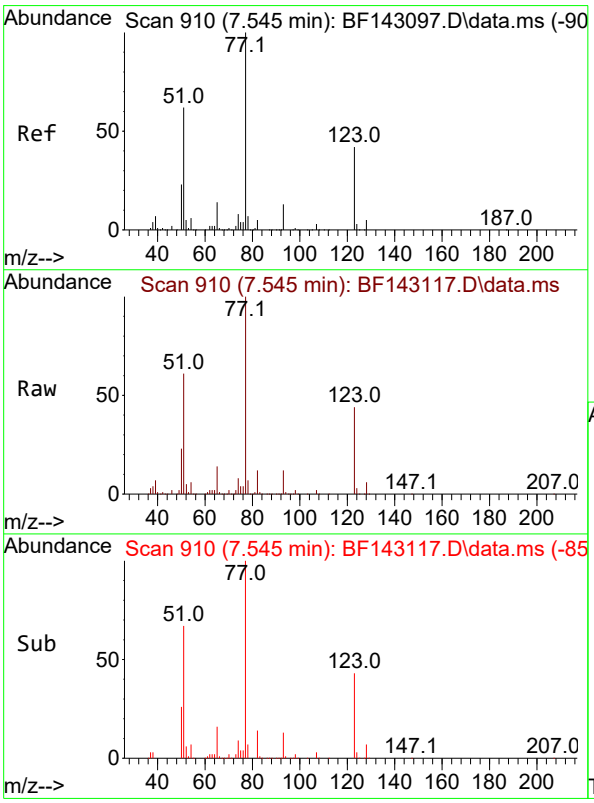
#23
Nitrobenzene-d5
Concen: 90.170 ng
RT: 7.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 820016

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	58.7	47.4	71.2

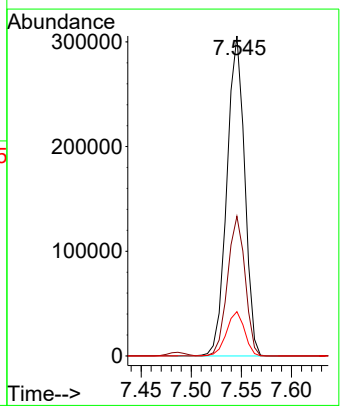


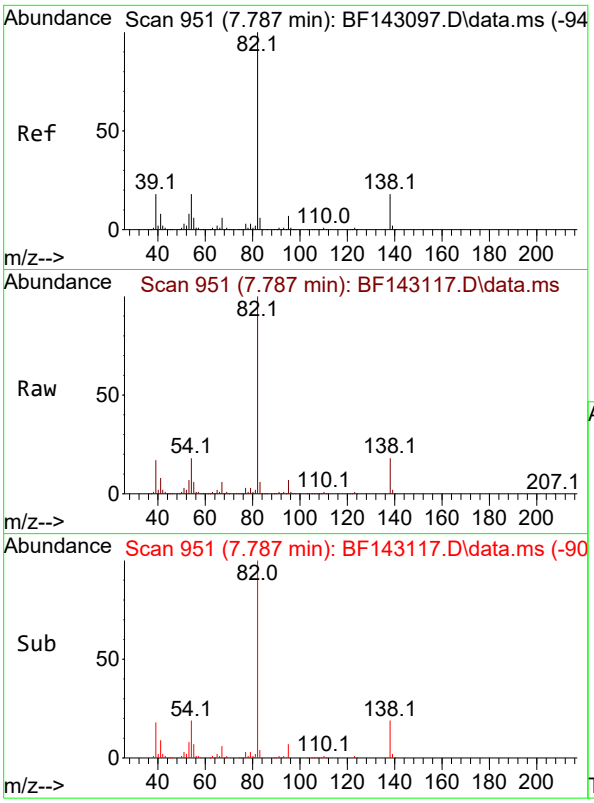


#24
Nitrobenzene
Concen: 42.874 ng
RT: 7.545 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 77 Resp: 376400

Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.5	51.7
65	13.8	11.3	16.9



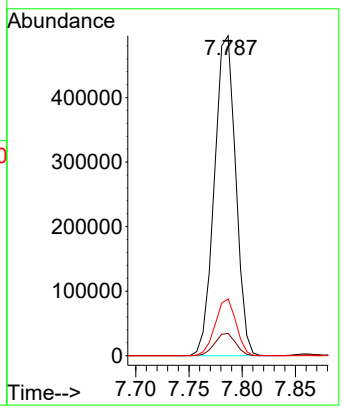


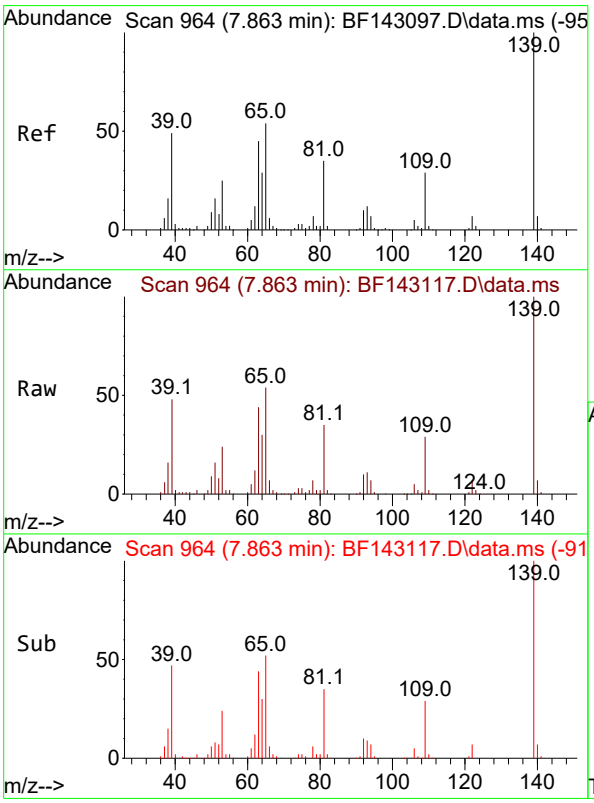
#25
Isophorone
Concen: 39.167 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 688462

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.7	14.3	21.5

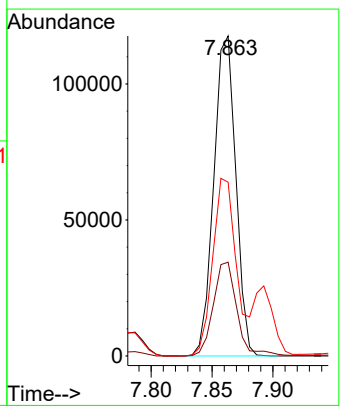


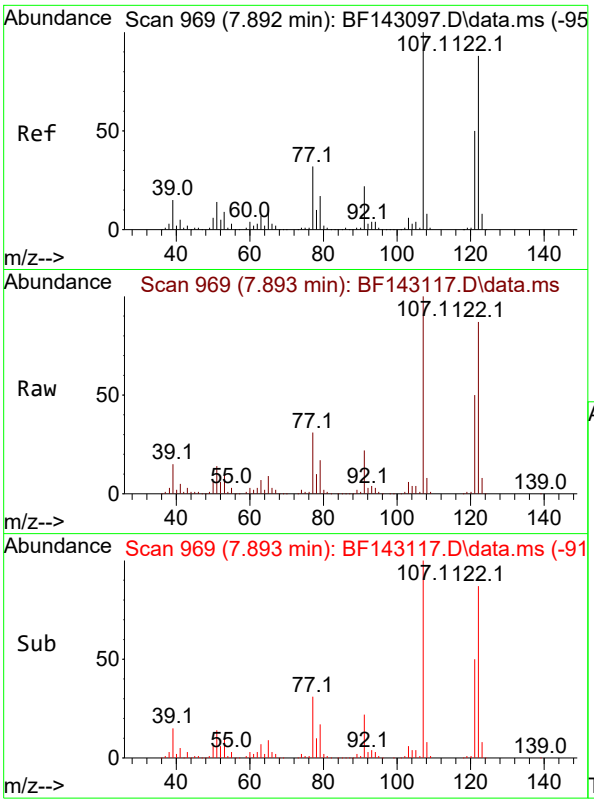


#26
2-Nitrophenol
Concen: 42.663 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:139 Resp: 148006

Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.0
65	54.3	43.4	65.2



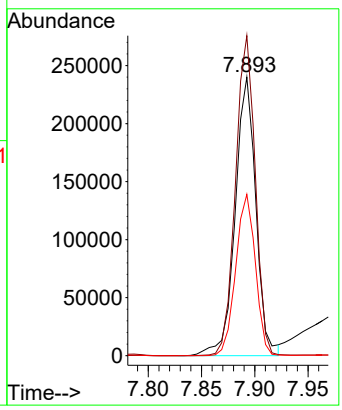


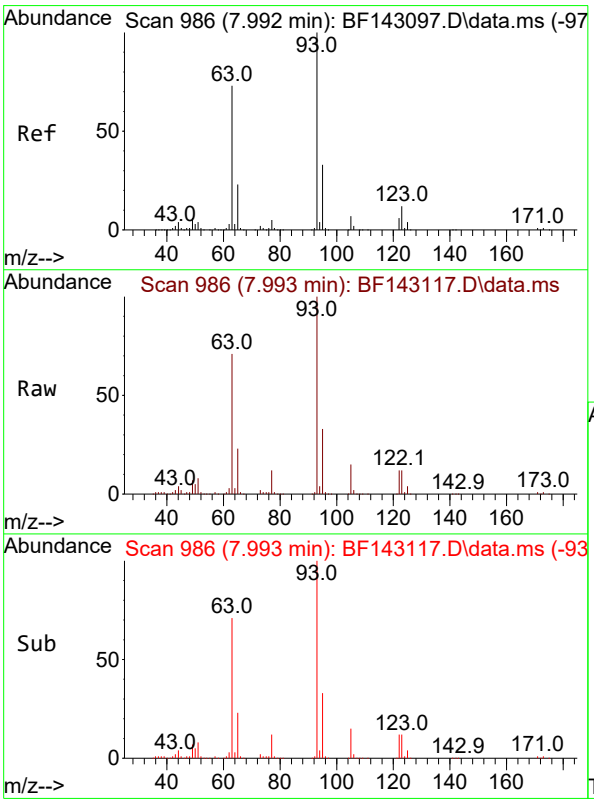
#27
2,4-Dimethylphenol
Concen: 39.965 ng
RT: 7.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 326049

Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.3	136.9
121	57.9	45.5	68.3

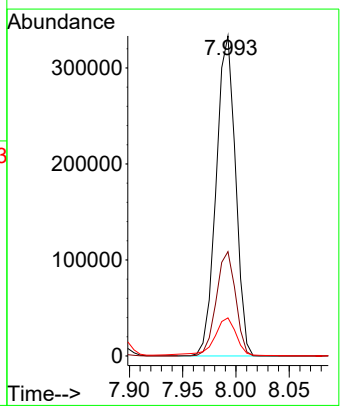


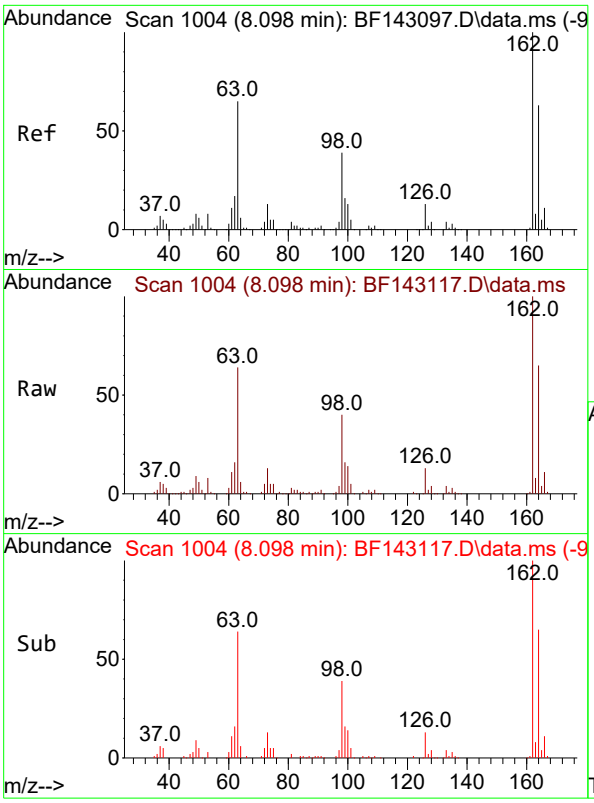


#28
bis(2-Chloroethoxy)methane
Concen: 39.412 ng
RT: 7.993 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 93 Resp: 420098

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.6	14.4



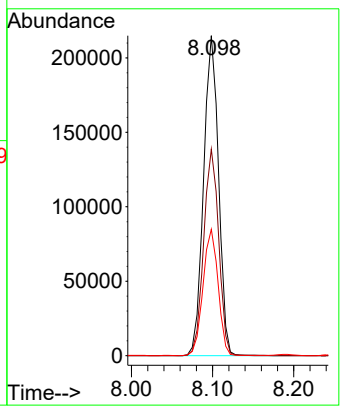


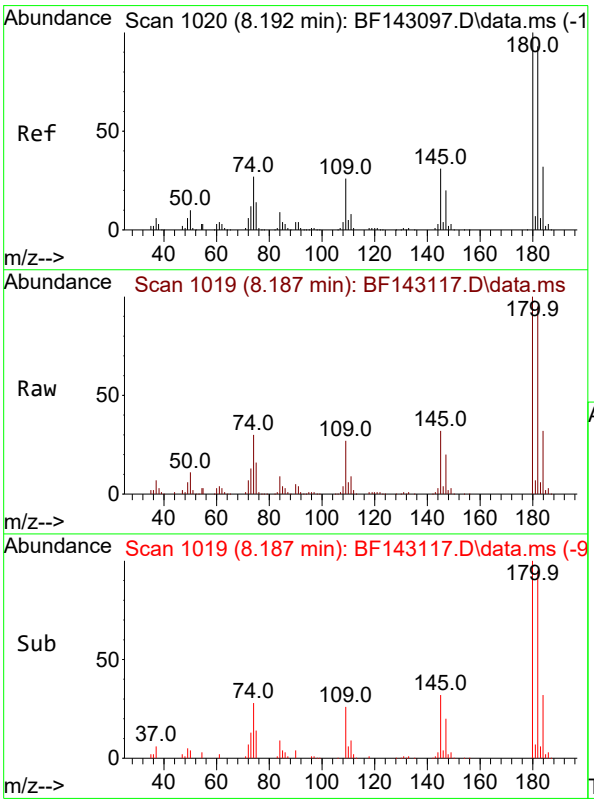
#29
2,4-Dichlorophenol
Concen: 41.164 ng
RT: 8.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 274747

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.1	83.1
98	39.5	19.2	59.2

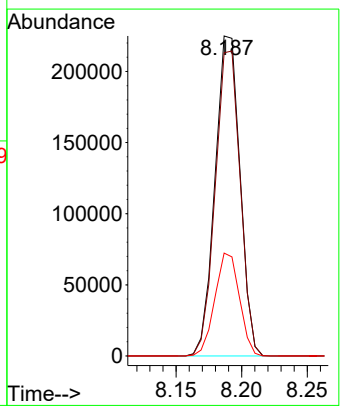


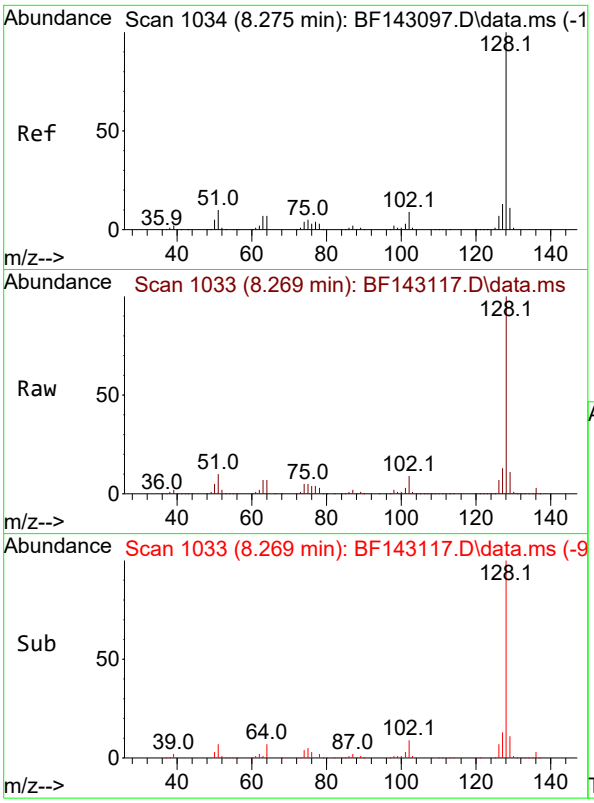


#30
1,2,4-Trichlorobenzene
Concen: 39.339 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:180 Resp: 297978

Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.7	112.1
145	32.1	24.5	36.7



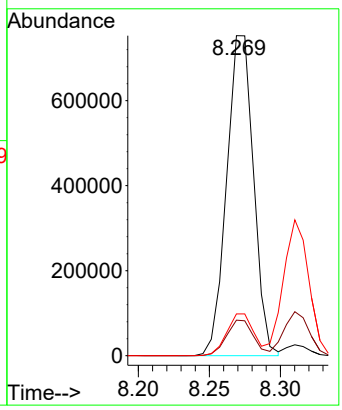


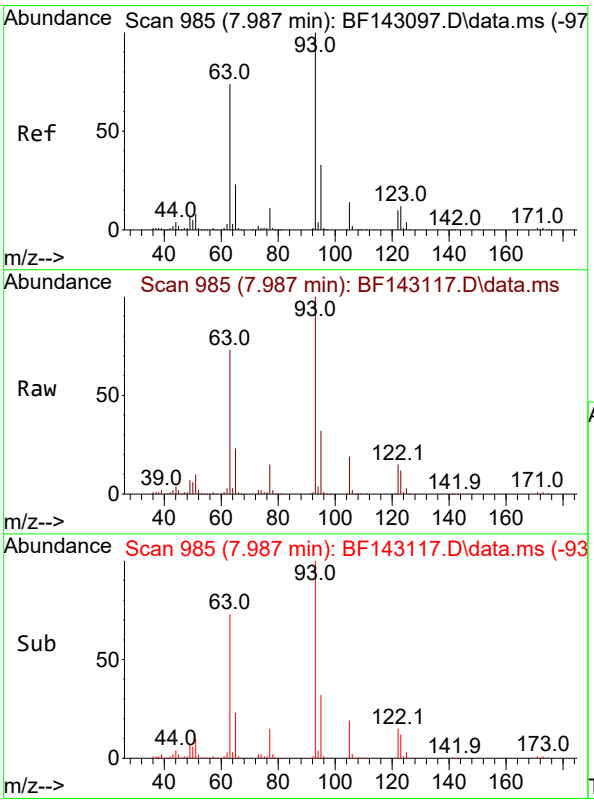
#31
Naphthalene
Concen: 39.140 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 991571

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.5	15.7

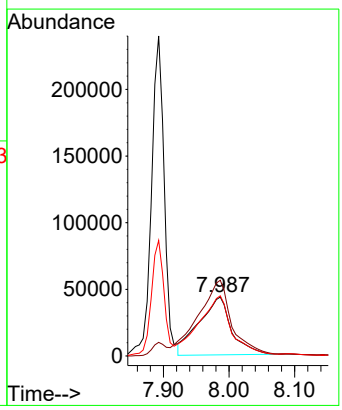


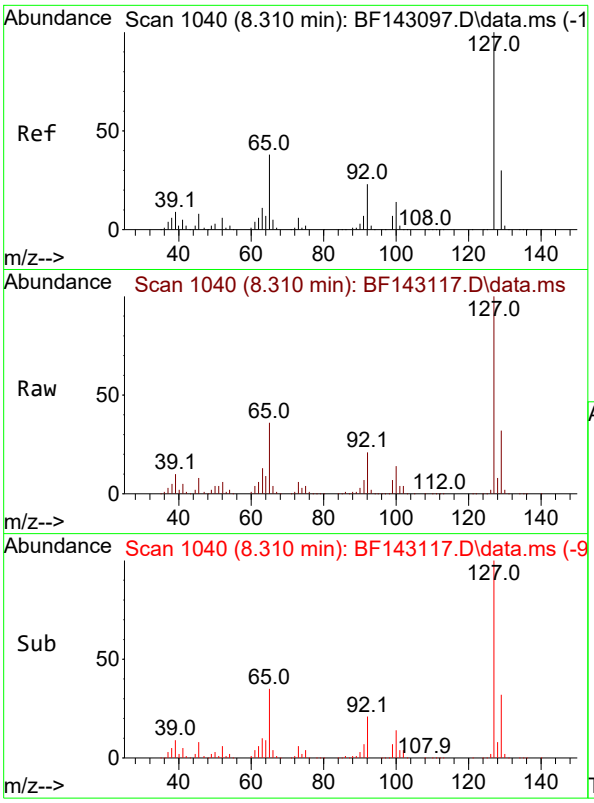


#32
Benzoic acid
Concen: 38.466 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:122 Resp: 150277

Ion	Ratio	Lower	Upper
122	100		
105	128.6	105.4	145.4
77	102.1	78.6	118.6



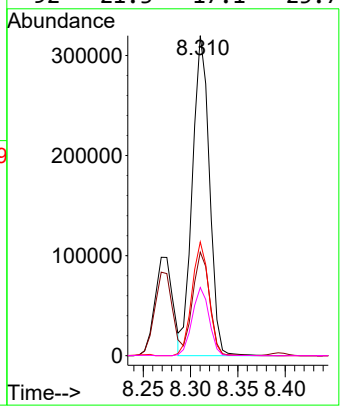


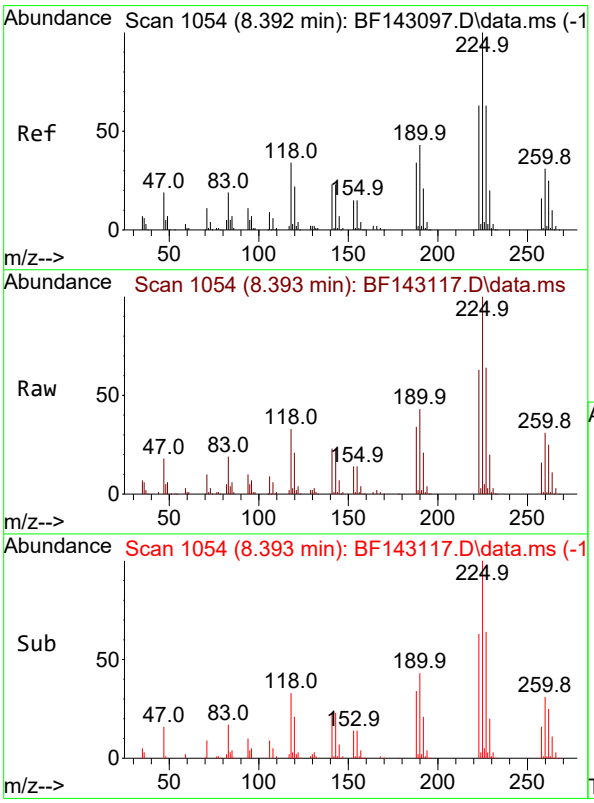
#33
4-Chloroaniline
Concen: 39.377 ng
RT: 8.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 401159

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	35.5	28.6	42.8
92	21.3	17.1	25.7

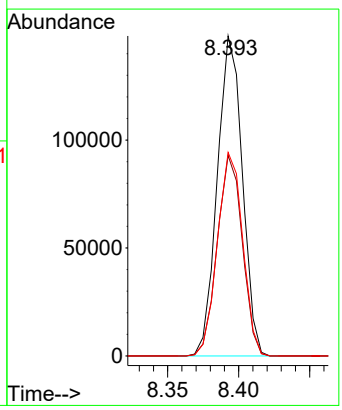


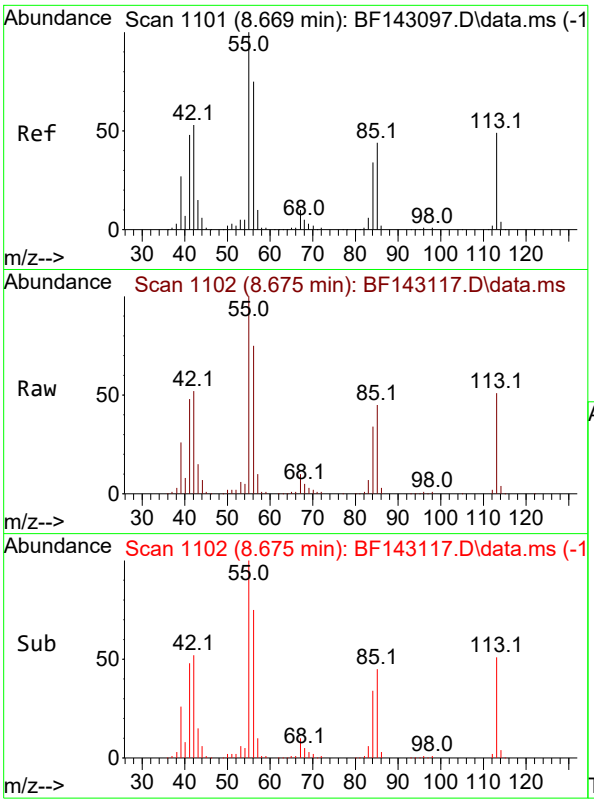


#34
Hexachlorobutadiene
Concen: 40.072 ng
RT: 8.393 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:225 Resp: 181527

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.6	50.1	75.1



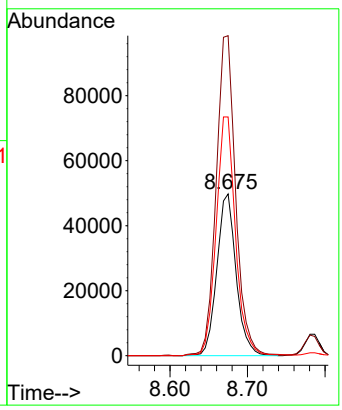


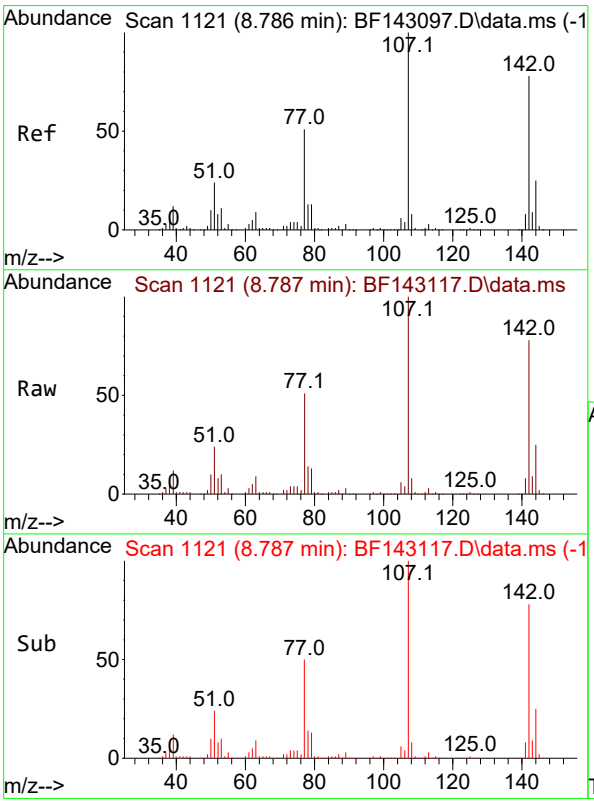
#35
Caprolactam
Concen: 41.190 ng
RT: 8.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 85847

Ion	Ratio	Lower	Upper
113	100		
55	197.8	186.2	226.2
56	147.6	134.1	174.1

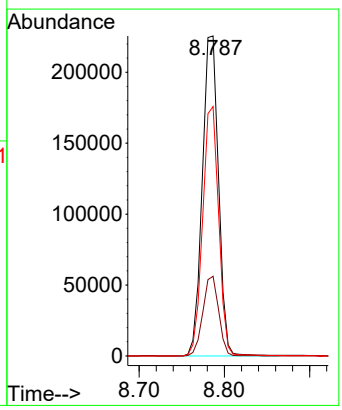


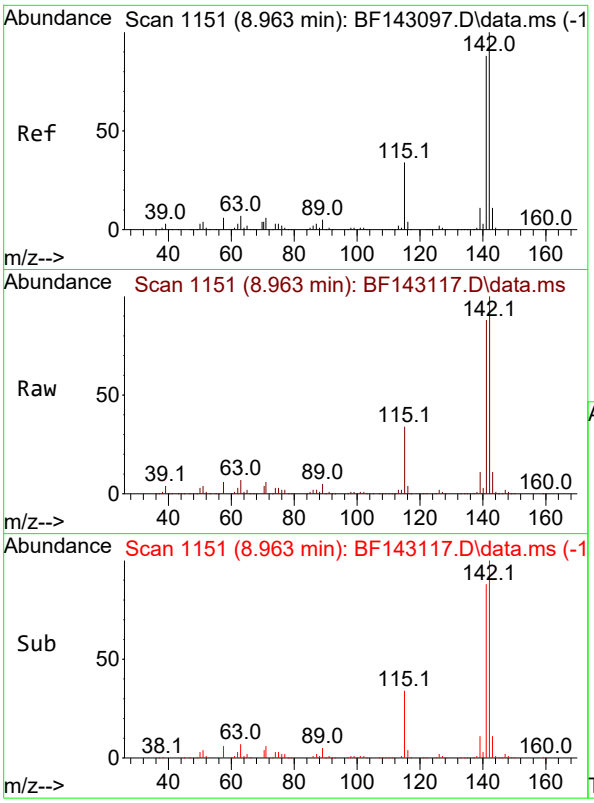


#36
4-Chloro-3-methylphenol
Concen: 40.192 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:107 Resp: 298817

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	77.9	62.4	93.6



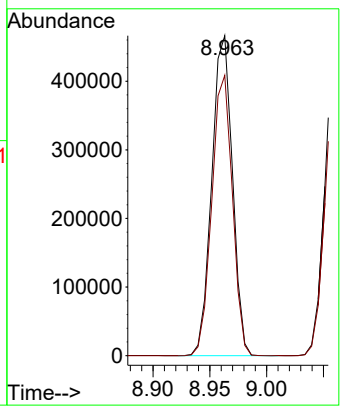


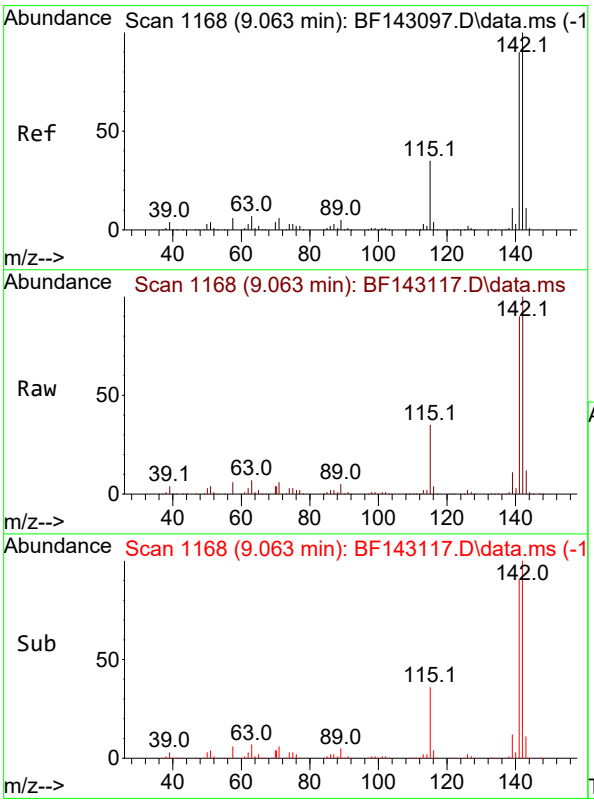
#37
2-Methylnaphthalene
Concen: 39.014 ng
RT: 8.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 589636

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2

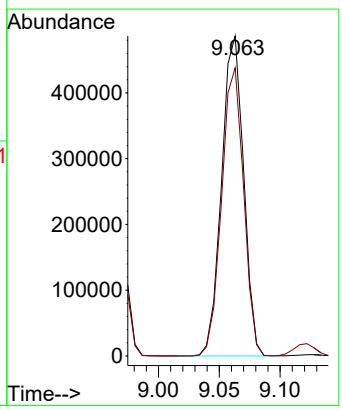


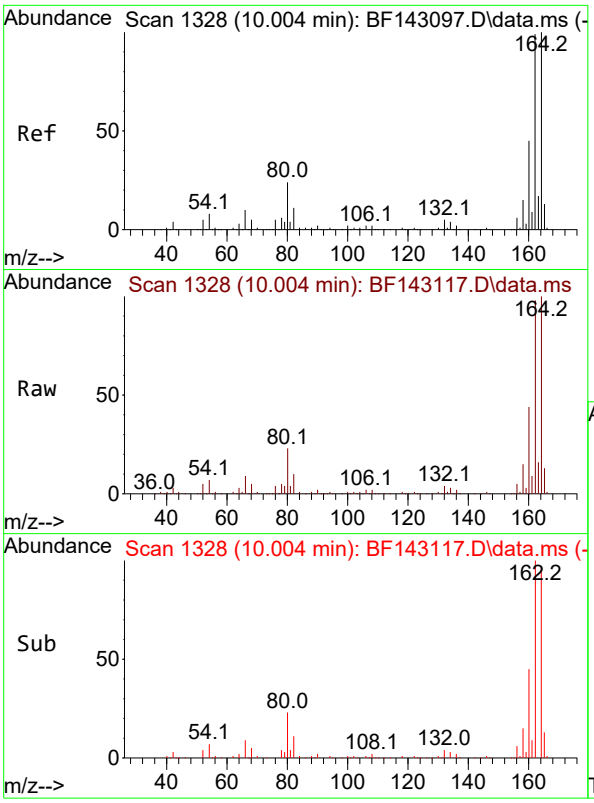


#38
1-Methylnaphthalene
Concen: 38.976 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:142 Resp: 610968

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4



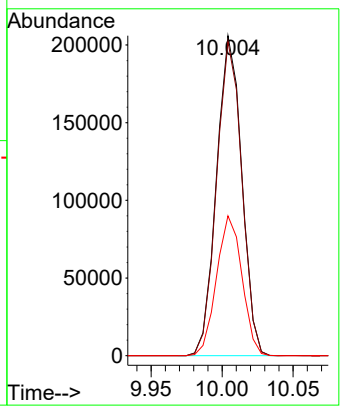


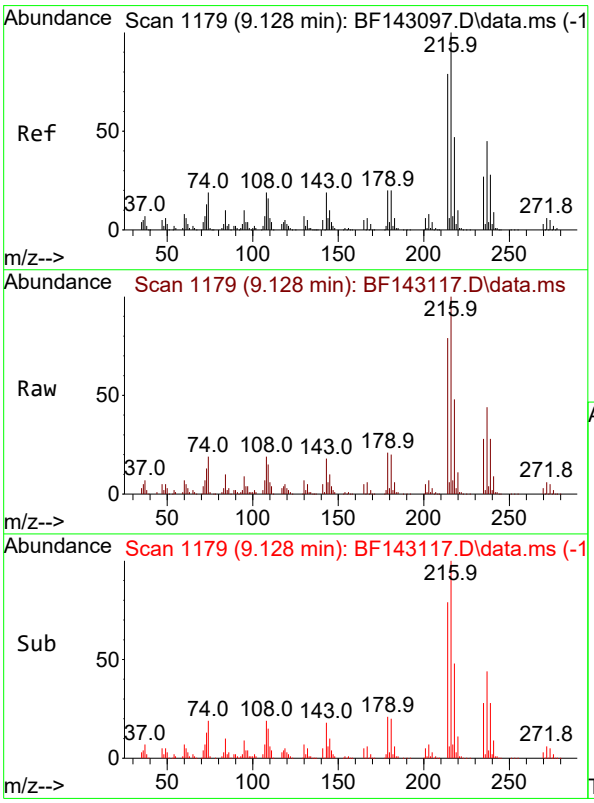
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 254065

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.0	118.6
160	43.7	35.8	53.6

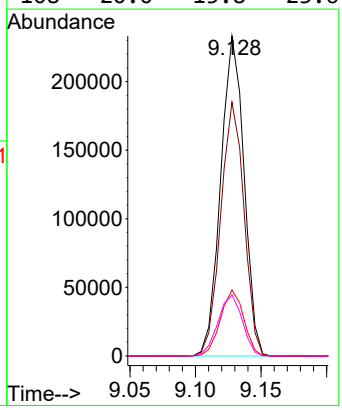


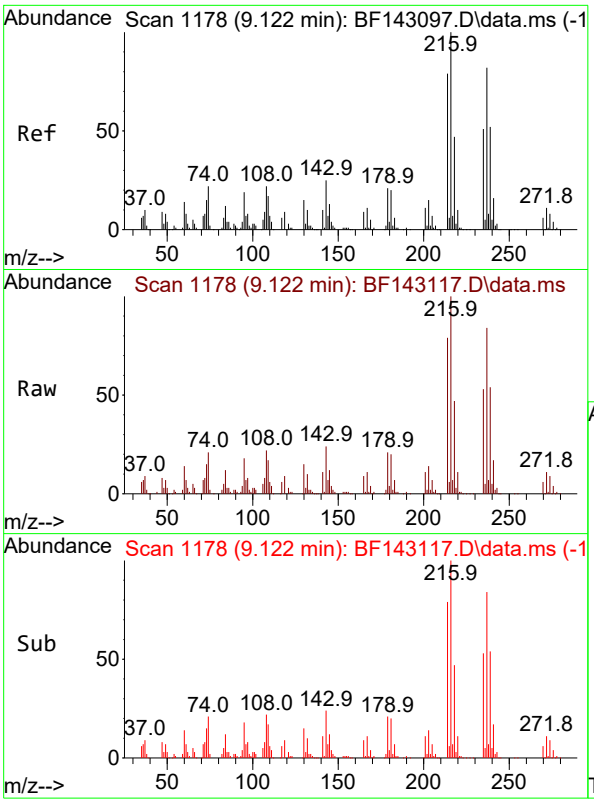


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.885 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:216 Resp: 287903

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	94.0
179	20.6	16.2	24.2
108	20.0	15.8	23.6



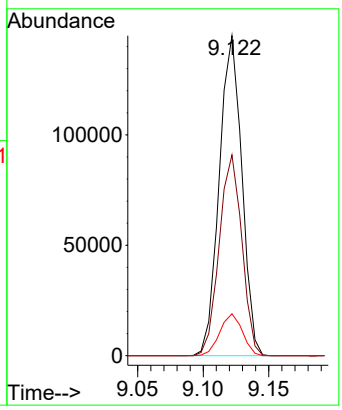


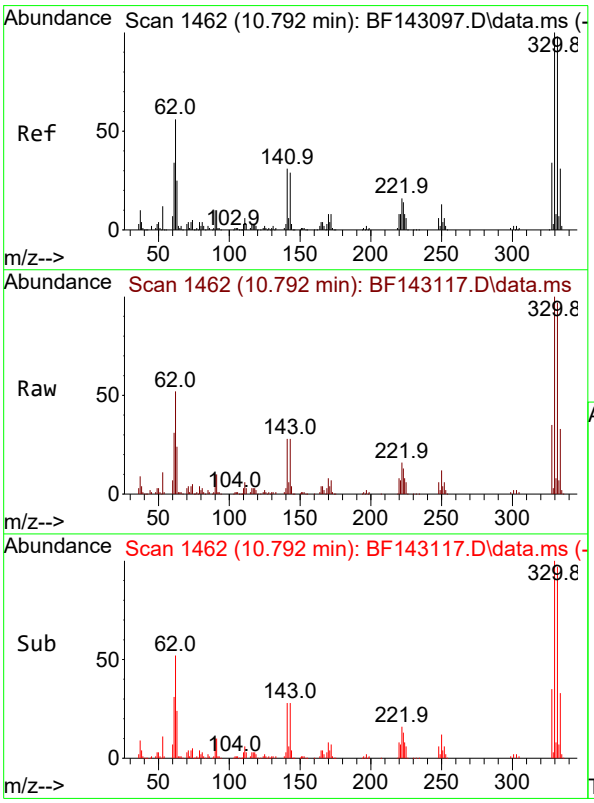
#41
Hexachlorocyclopentadiene
Concen: 42.225 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 173333

Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.6	81.6
272	13.1	0.0	32.9

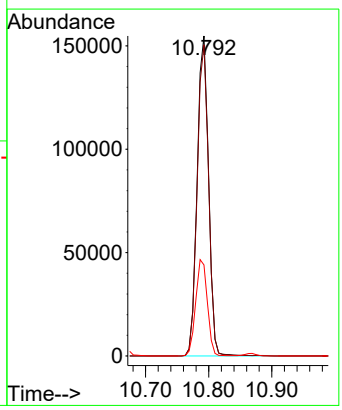


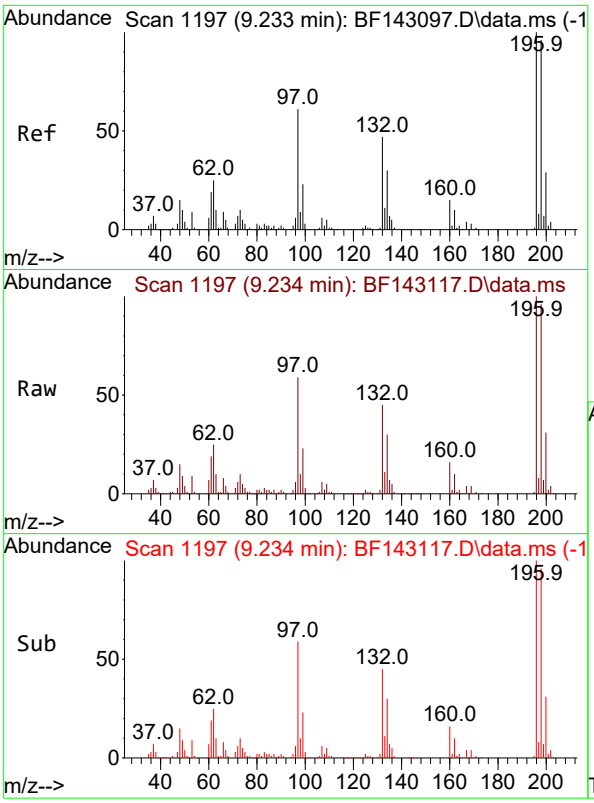


#42
2,4,6-Tribromophenol
Concen: 85.634 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:330 Resp: 193992

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	30.8	25.9	38.9



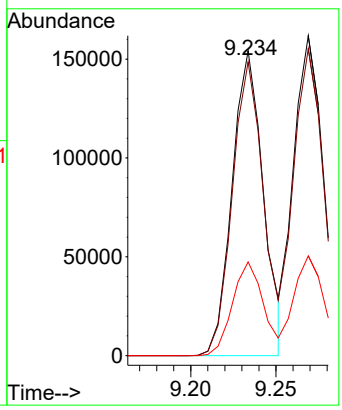


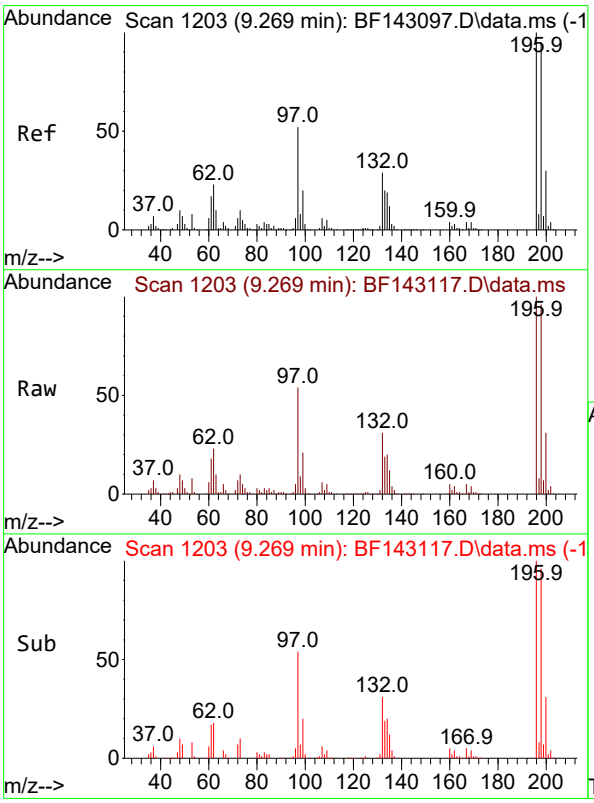
#43
2,4,6-Trichlorophenol
Concen: 42.600 ng
RT: 9.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 195982

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.9	115.3
200	30.7	23.5	35.3

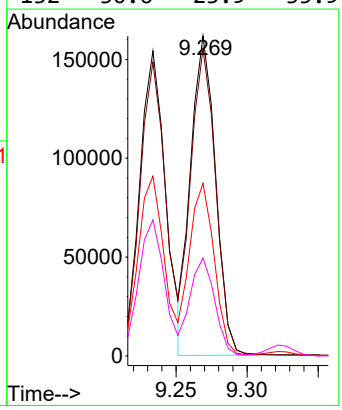


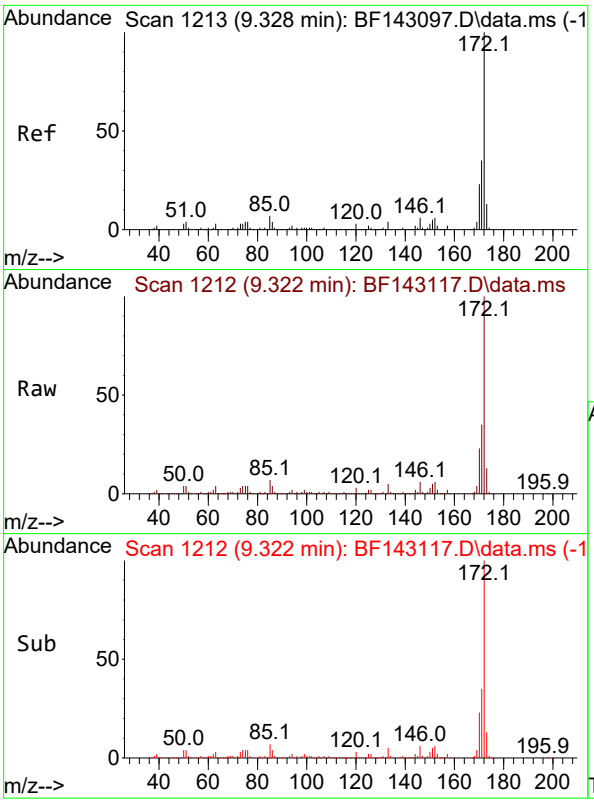


#44
2,4,5-Trichlorophenol
Concen: 40.747 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:196 Resp: 196557

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.4	114.6
97	53.9	42.4	63.6
132	30.6	23.9	35.9



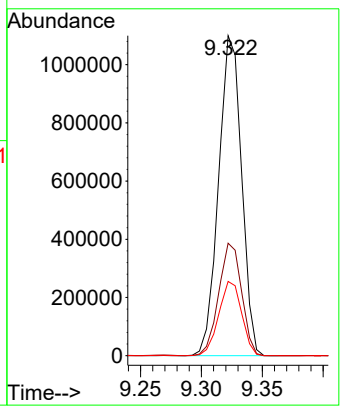


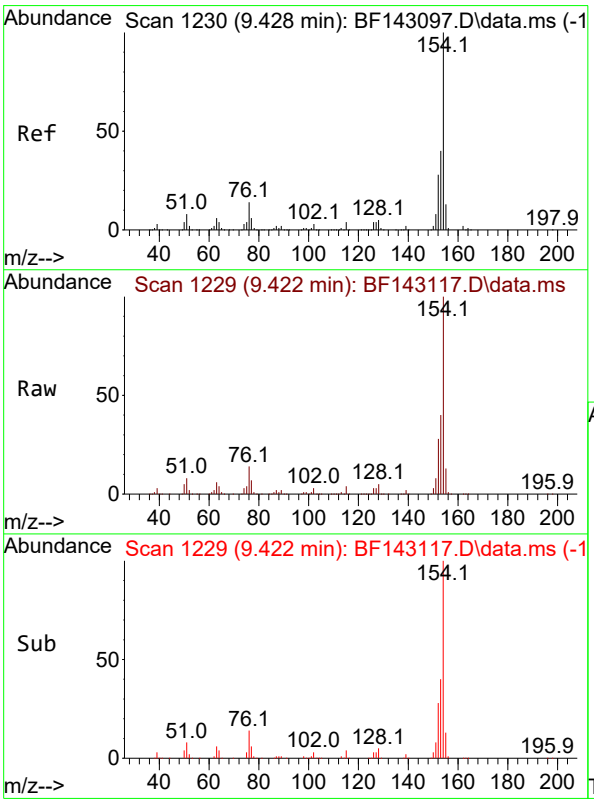
#45
2-Fluorobiphenyl
Concen: 75.570 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1444367

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.2	18.6	28.0

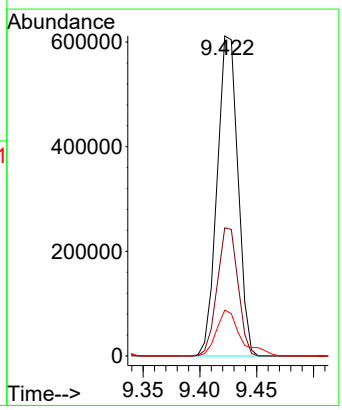


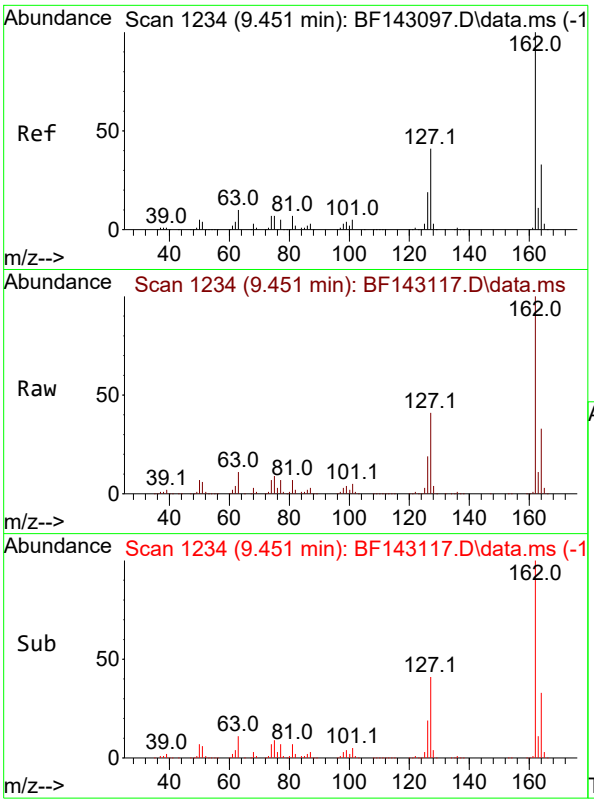


#46
1,1'-Biphenyl
Concen: 38.466 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:154 Resp: 779366

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.1	60.1
76	14.3	0.0	33.7



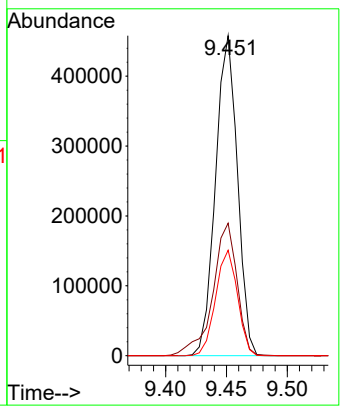


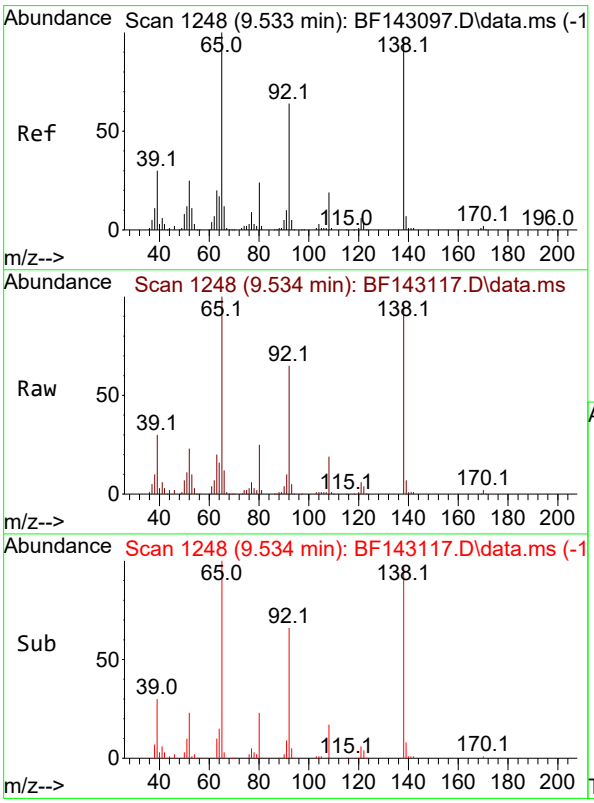
#47
2-Chloronaphthalene
Concen: 38.546 ng
RT: 9.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 573731

Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.0	49.6
164	32.9	26.1	39.1

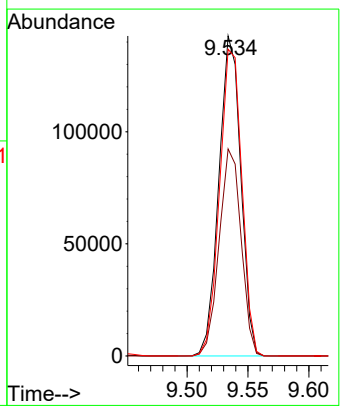


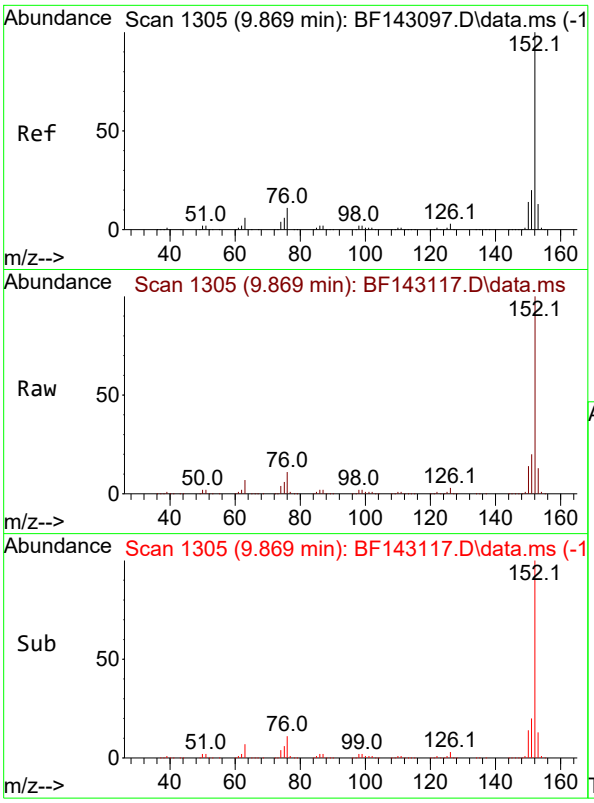


#48
2-Nitroaniline
Concen: 40.710 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.001 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion: 65 Resp: 178618

Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.3	76.9
138	95.9	77.8	116.6



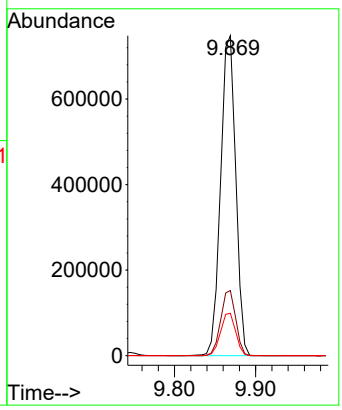


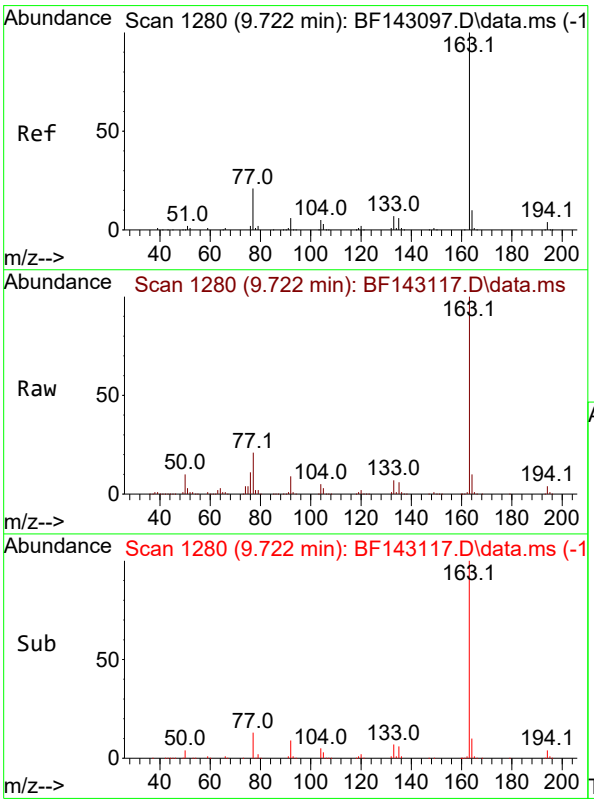
#49
Acenaphthylene
Concen: 39.176 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 971647

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.3	10.4	15.6

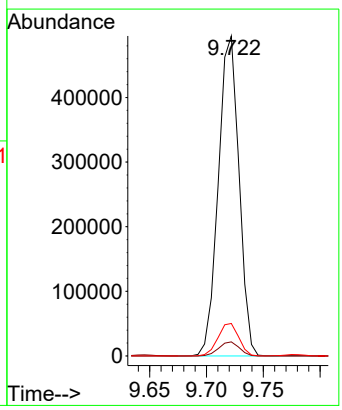


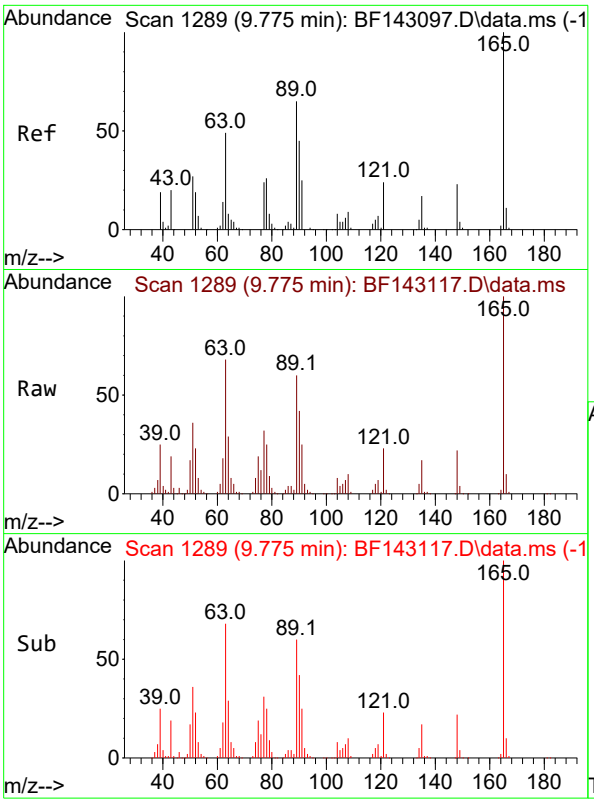


#50
Dimethylphthalate
Concen: 39.291 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:163 Resp: 628010

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



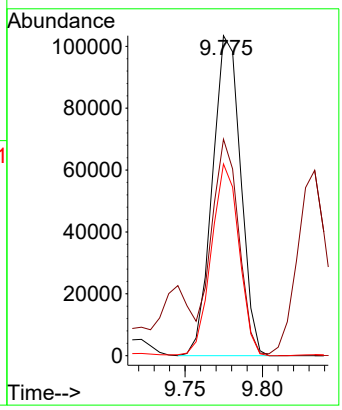


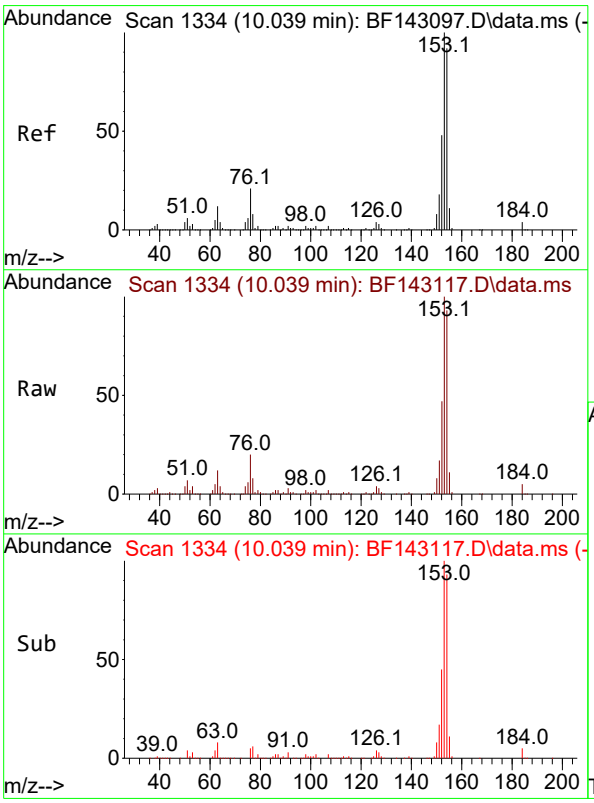
#51
2,6-Dinitrotoluene
Concen: 41.829 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 130906

Ion	Ratio	Lower	Upper
165	100		
63	67.7	57.4	86.0
89	59.9	51.8	77.8

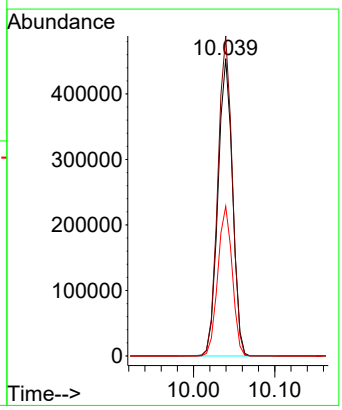


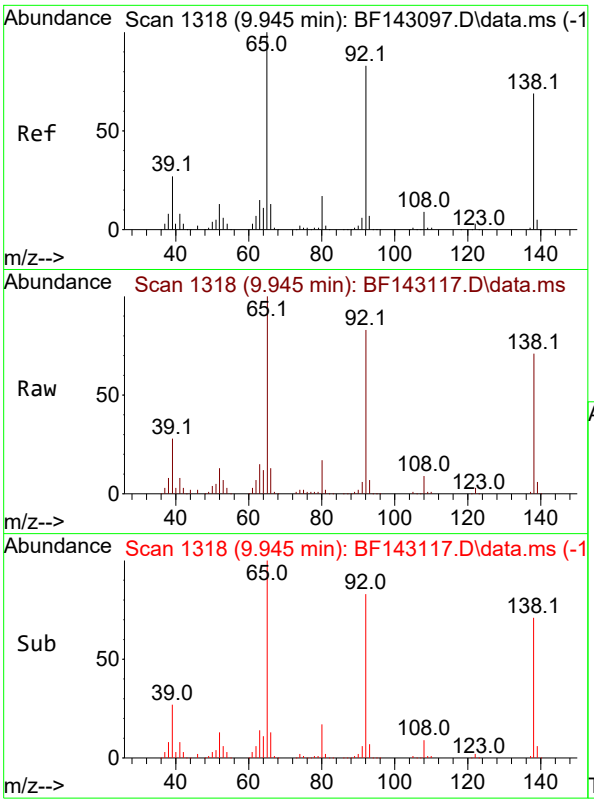


#52
Acenaphthene
Concen: 38.701 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:154 Resp: 566434

Ion	Ratio	Lower	Upper
154	100		
153	107.6	86.7	130.1
152	50.3	41.4	62.2



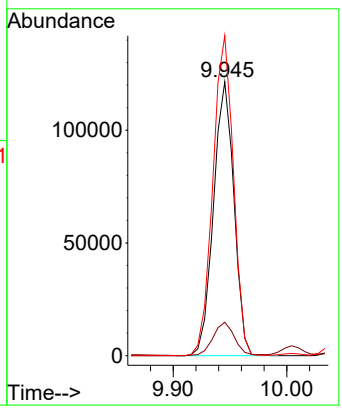


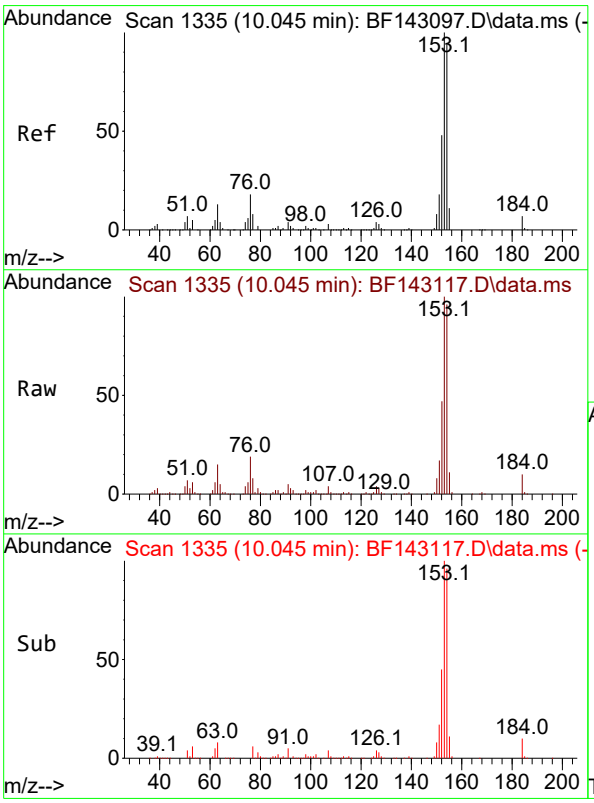
#53
3-Nitroaniline
Concen: 43.942 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 151765

Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.1	15.1
92	116.8	96.4	144.6

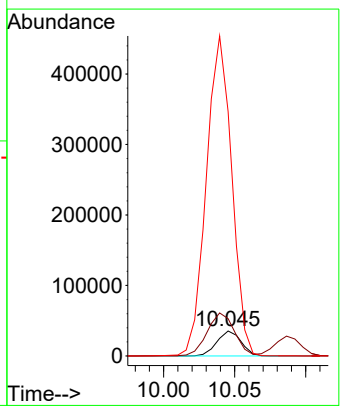


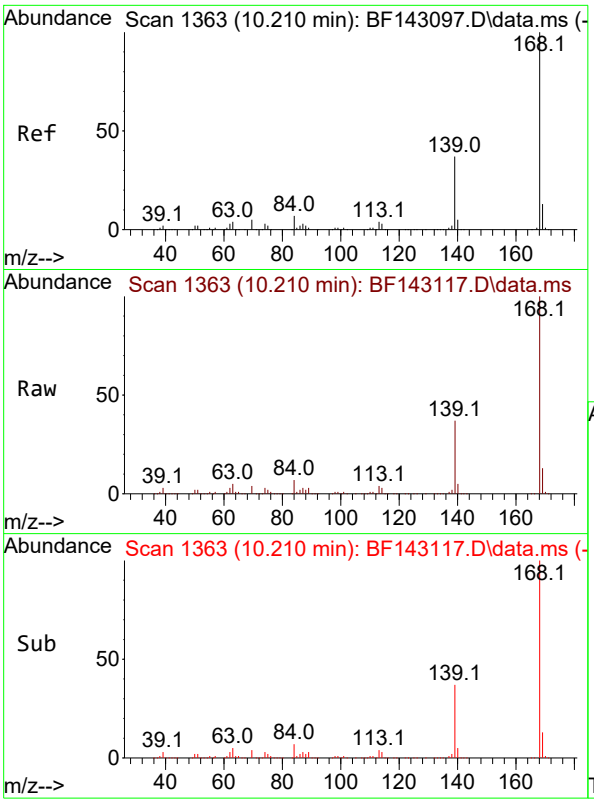


#54
2,4-Dinitrophenol
Concen: 42.980 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:184 Resp: 41904

Ion	Ratio	Lower	Upper
184	100		
63	149.9	149.3	223.9
154	980.5	1048.0	1572.0#



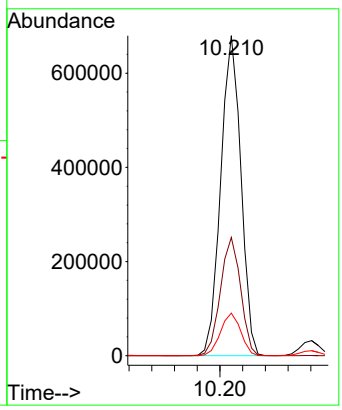


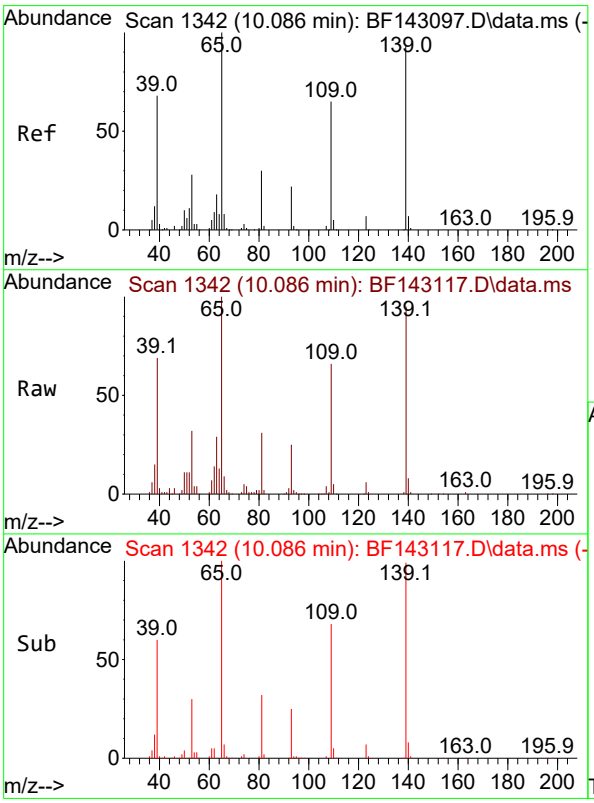
#55
Dibenzofuran
Concen: 38.413 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 838011

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.8	44.6
169	13.3	10.8	16.2

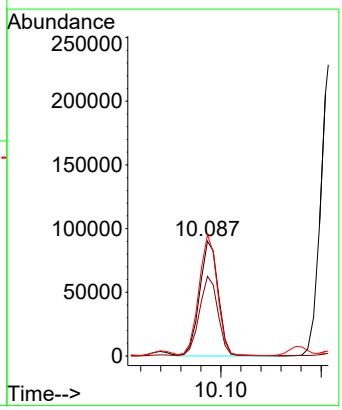


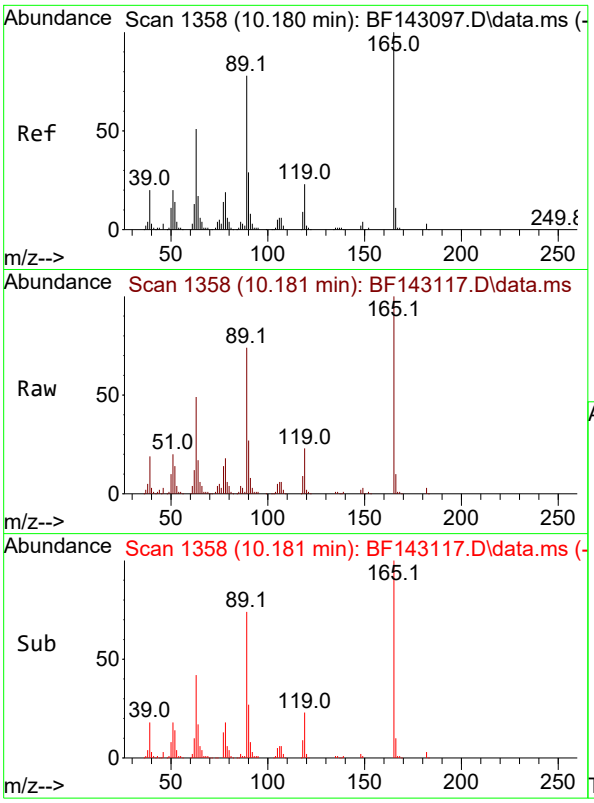


#56
4-Nitrophenol
Concen: 42.650 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:139 Resp: 117068

Ion	Ratio	Lower	Upper
139	100		
109	69.5	49.4	89.4
65	105.7	88.2	128.2



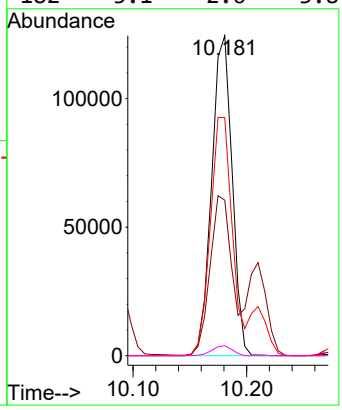


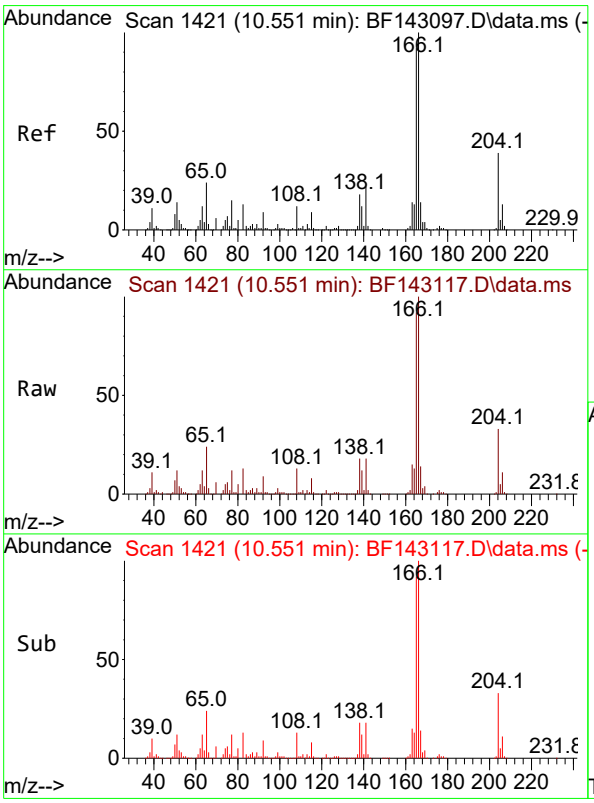
#57
2,4-Dinitrotoluene
Concen: 40.106 ng
RT: 10.181 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 155813

Ion	Ratio	Lower	Upper
165	100		
63	48.6	40.6	61.0
89	74.4	62.3	93.5
182	3.1	2.6	3.8

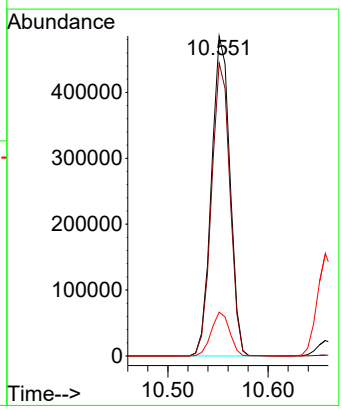


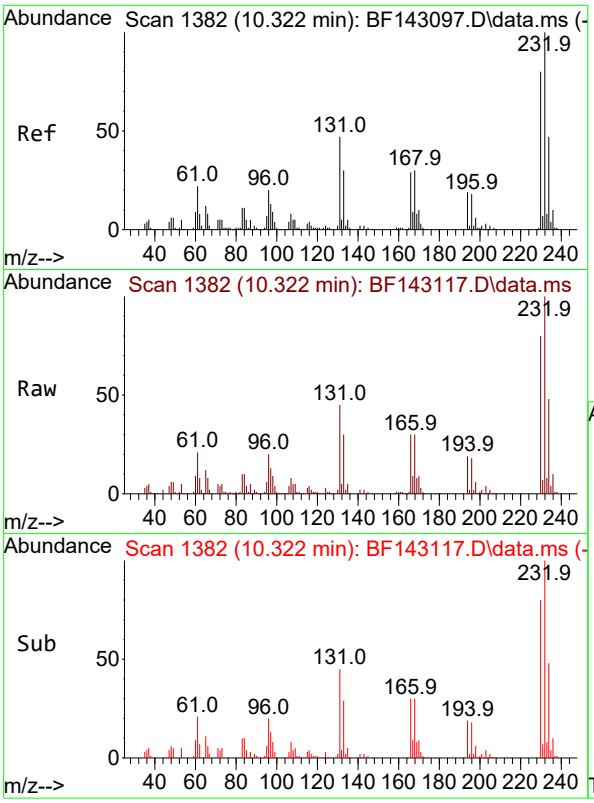


#58
Fluorene
Concen: 37.875 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:166 Resp: 619482

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.7	110.5
167	13.7	10.9	16.3



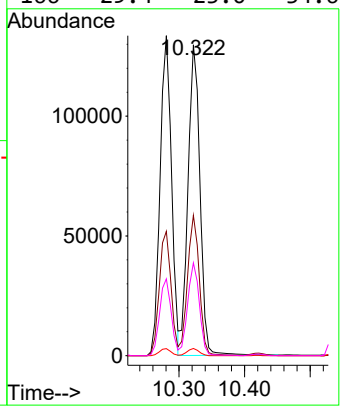


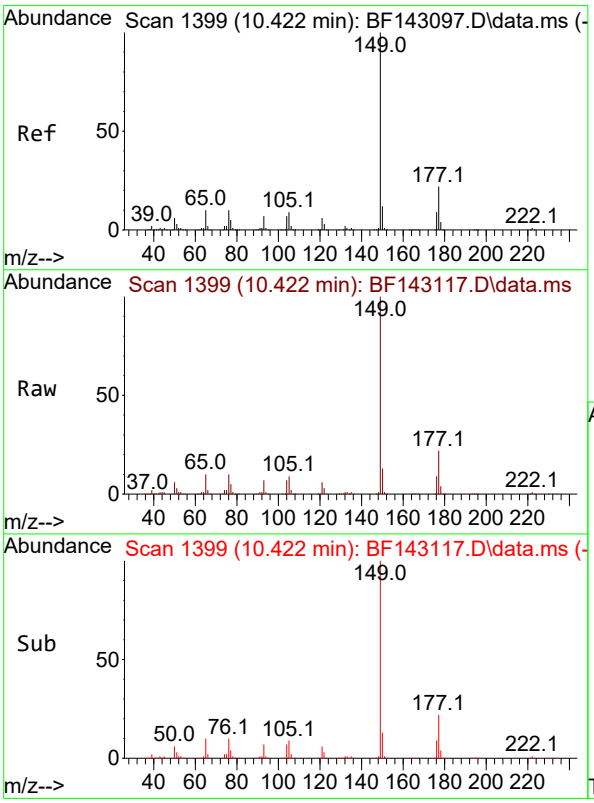
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.914 ng
RT: 10.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 164509

Ion	Ratio	Lower	Upper
232	100		
131	44.1	36.9	55.3
130	2.3	1.8	2.8
166	29.4	23.0	34.6

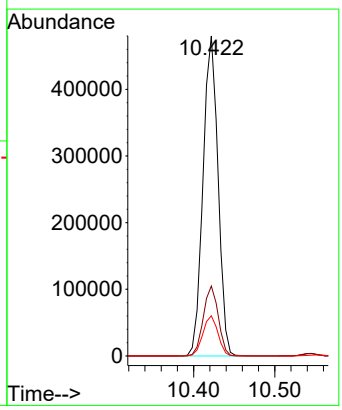


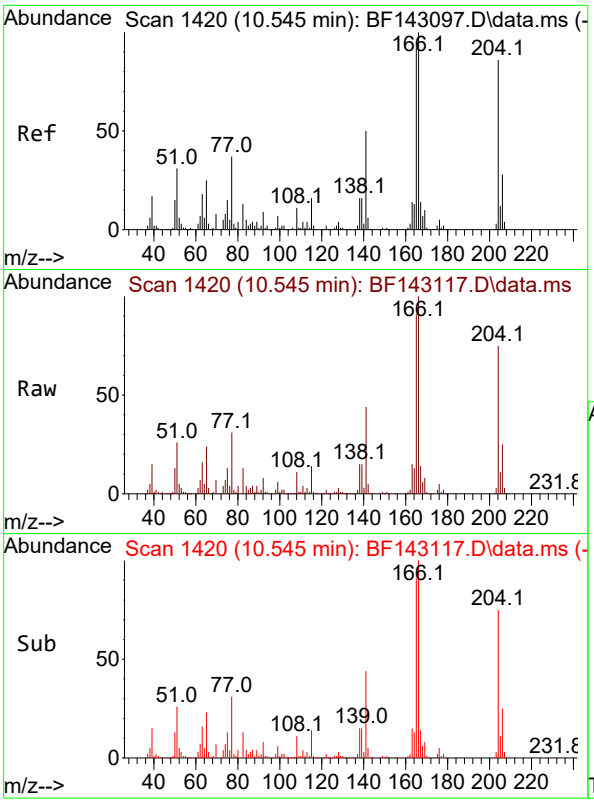


#60
Diethylphthalate
Concen: 39.920 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 615586

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.6	9.9	14.9



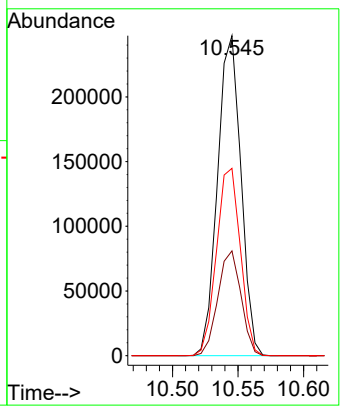


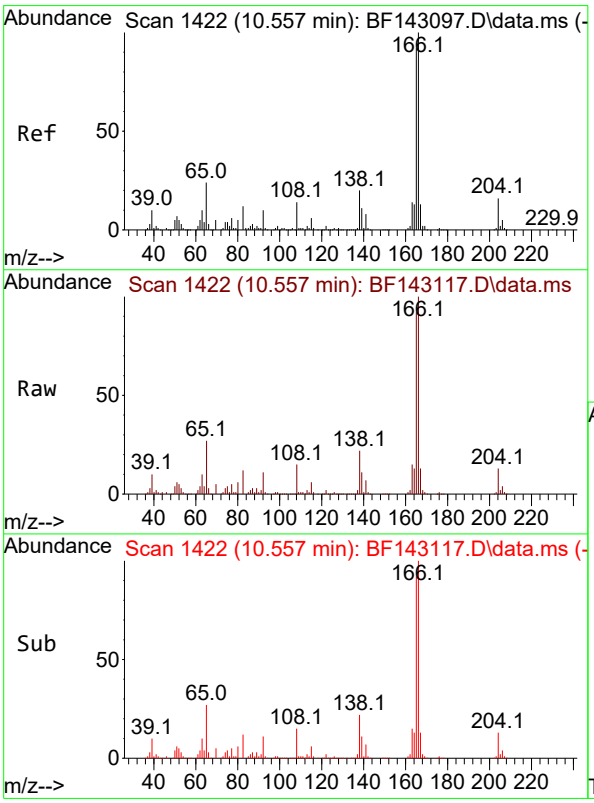
#61
4-Chlorophenyl-phenylether
Concen: 39.072 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 306293

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	58.6	46.8	70.2

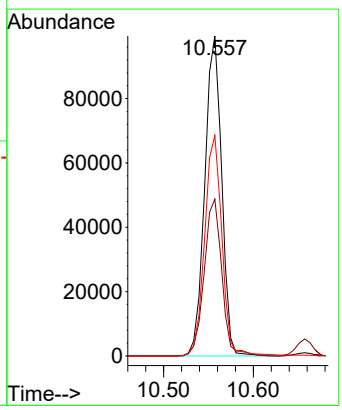


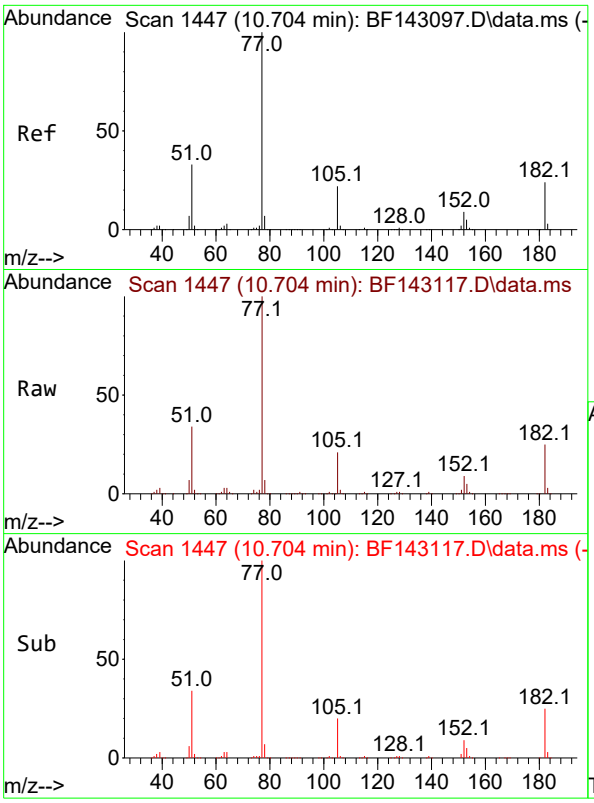


#62
4-Nitroaniline
Concen: 43.204 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:138 Resp: 129761

Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.4	70.4
108	68.9	49.5	89.5



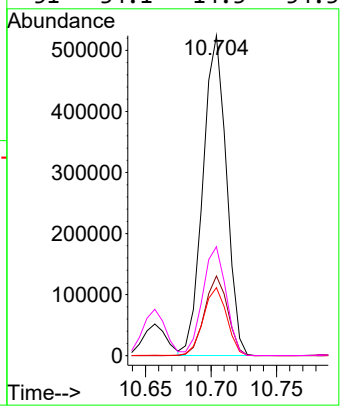


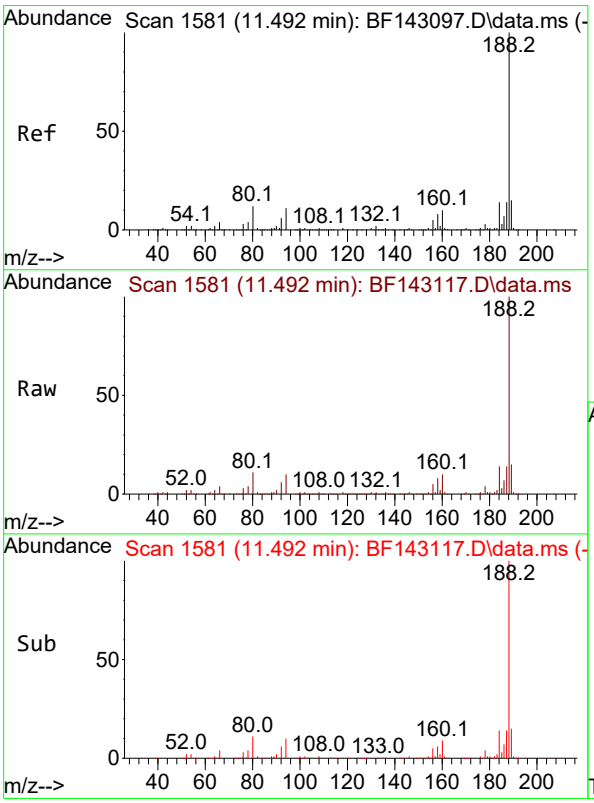
#63
Azobenzene
Concen: 38.265 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 652575

Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.0	44.0
105	21.3	1.4	41.4
51	34.1	14.3	54.3

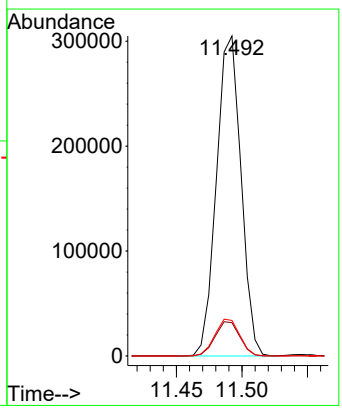


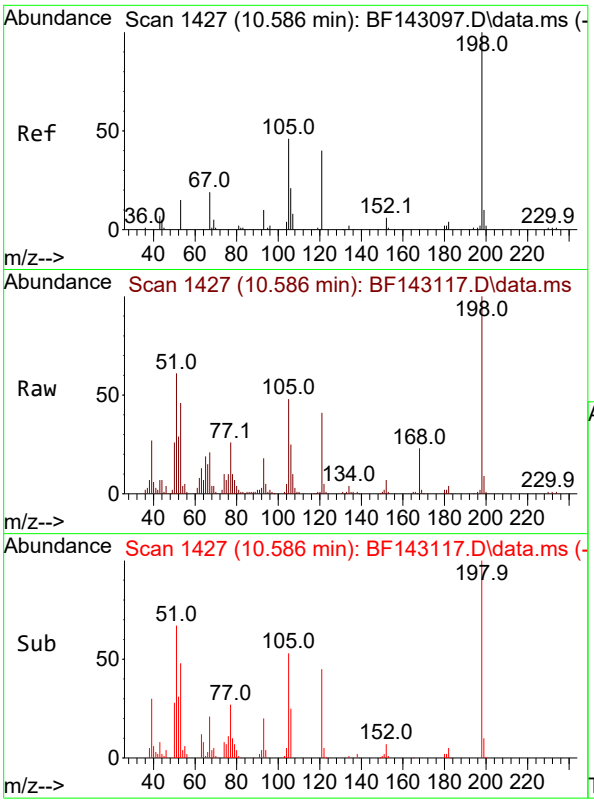


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:188 Resp: 397173

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.1	9.3	13.9



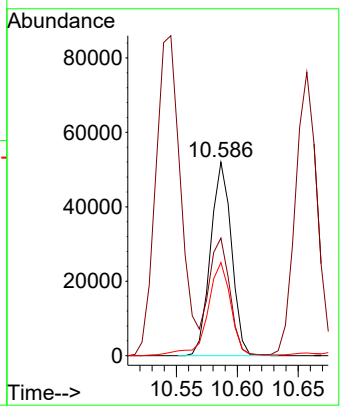


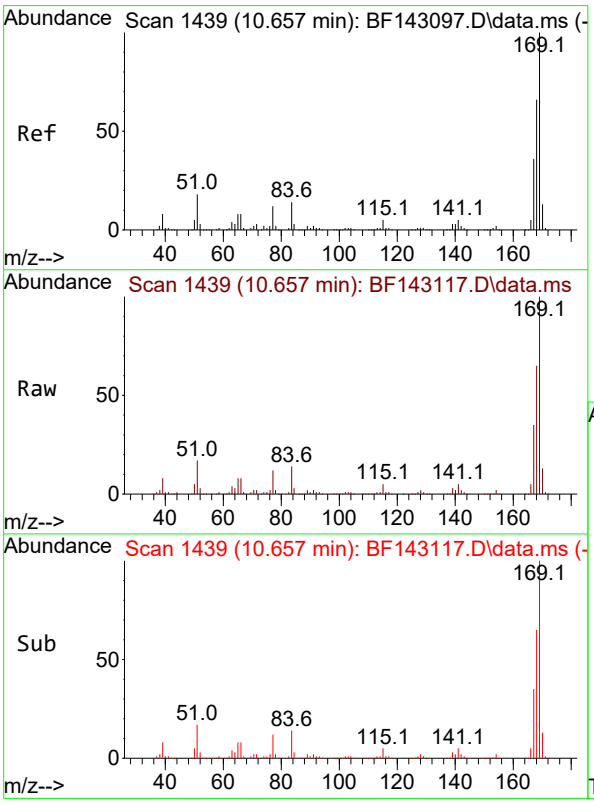
#65
4,6-Dinitro-2-methylphenol
Concen: 43.295 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 62192

Ion	Ratio	Lower	Upper
198	100		
51	60.8	44.6	84.6
105	48.2	29.3	69.3

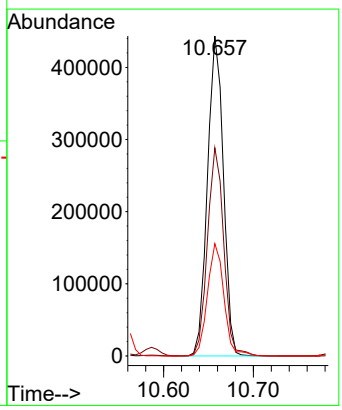


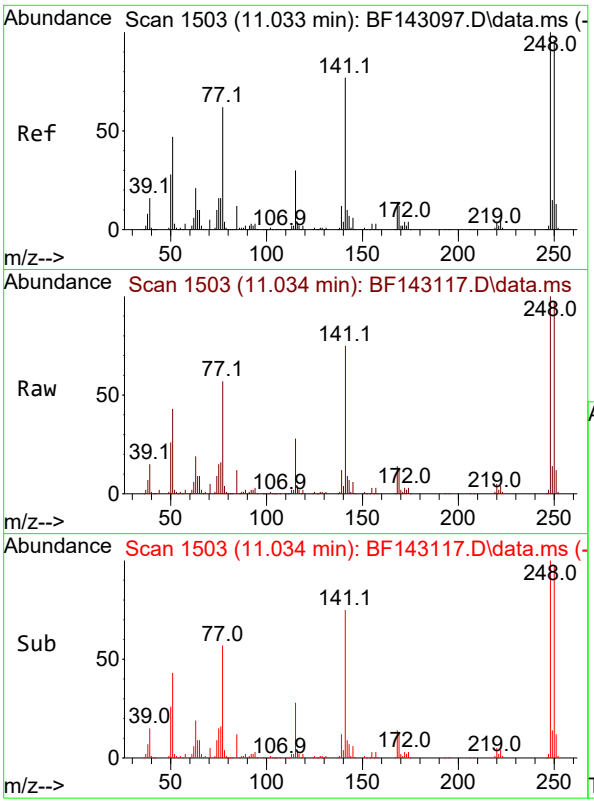


#66
n-Nitrosodiphenylamine
Concen: 39.129 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:169 Resp: 545898

Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.0	79.6
167	35.1	28.4	42.6



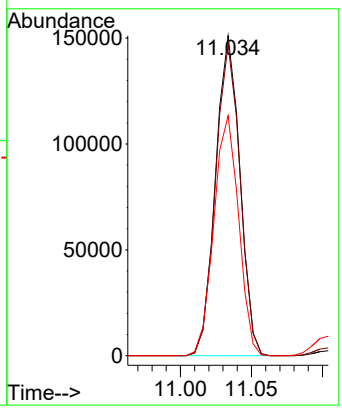


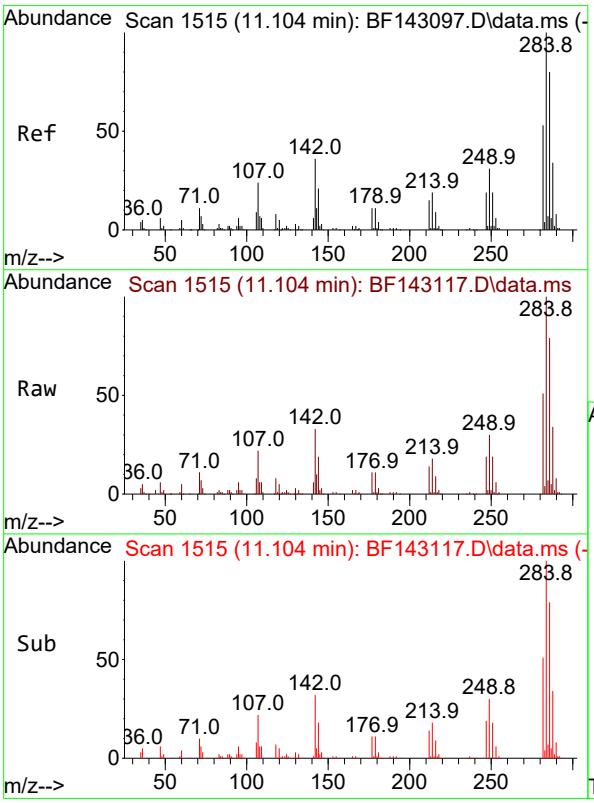
#67
4-Bromophenyl-phenylether
Concen: 39.949 ng
RT: 11.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 180440

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.7	115.1
141	75.0	61.7	92.5

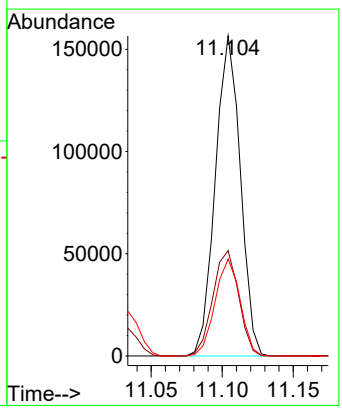


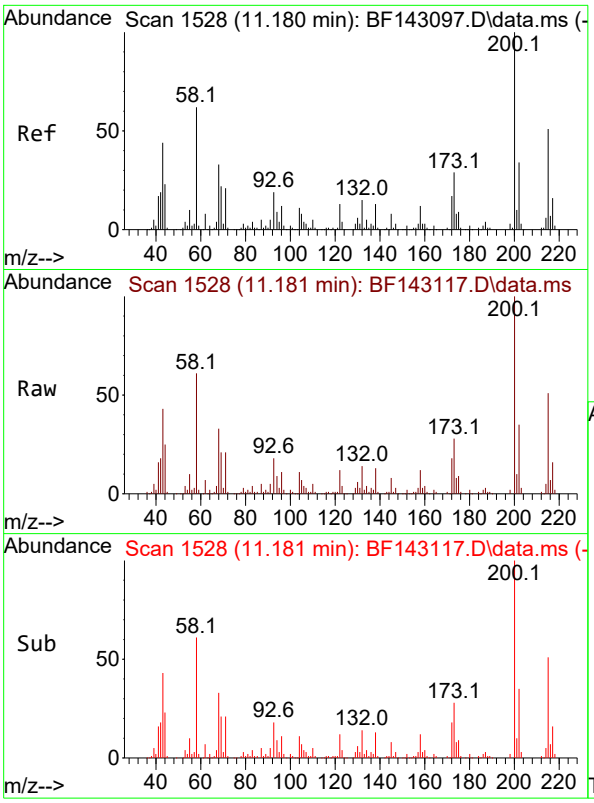


#68
Hexachlorobenzene
Concen: 39.950 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:284 Resp: 191457

Ion	Ratio	Lower	Upper
284	100		
142	32.9	28.9	43.3
249	30.3	24.6	37.0



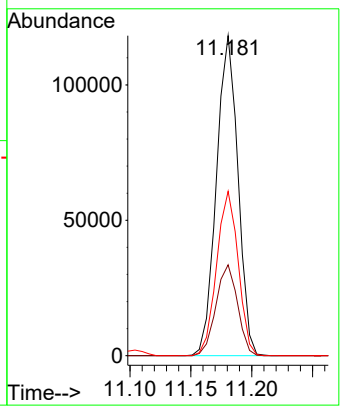


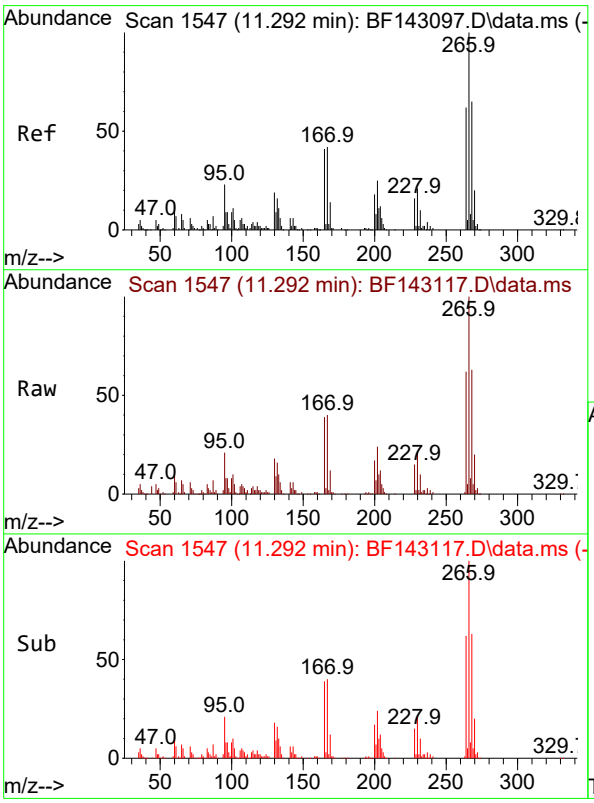
#69
Atrazine
Concen: 40.708 ng
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 145300

Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.1	49.1
215	51.4	31.0	71.0

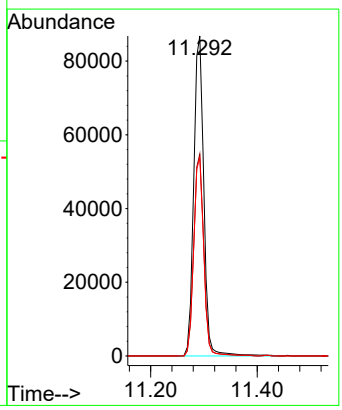


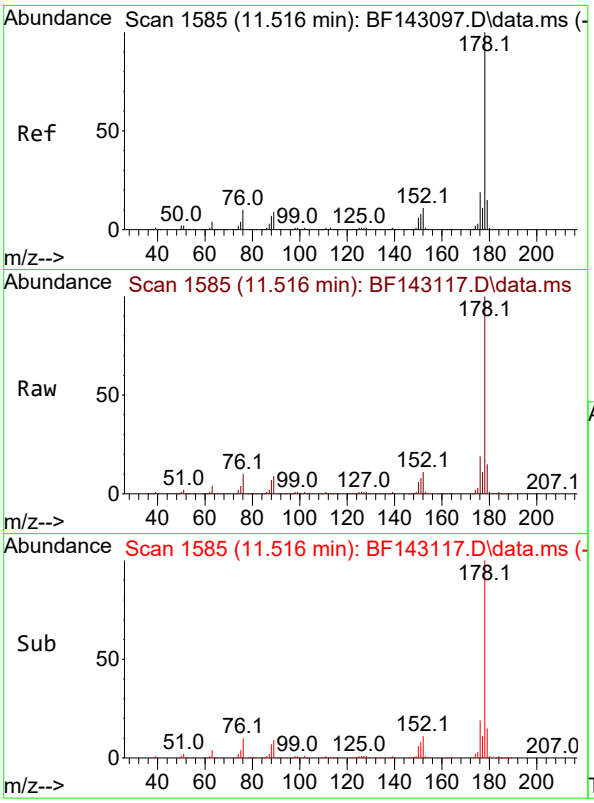


#70
Pentachlorophenol
Concen: 43.376 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:266 Resp: 114049

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.8	77.6
264	62.0	49.7	74.5



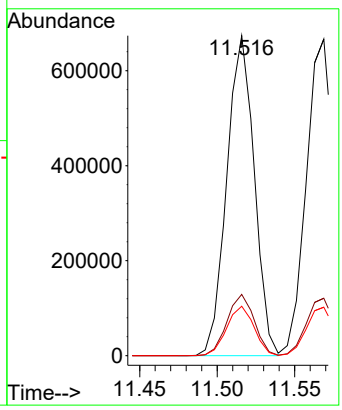


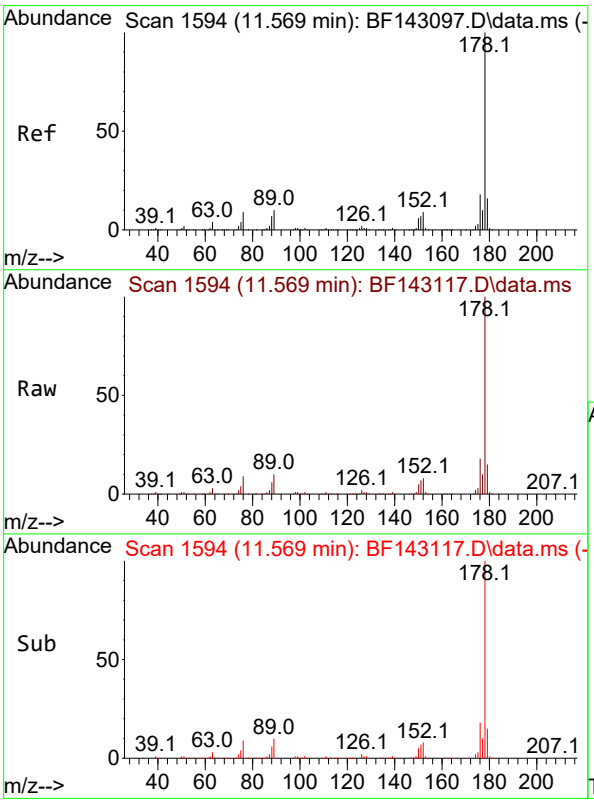
#71
Phenanthrene
Concen: 38.780 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 831246

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.4	12.2	18.4

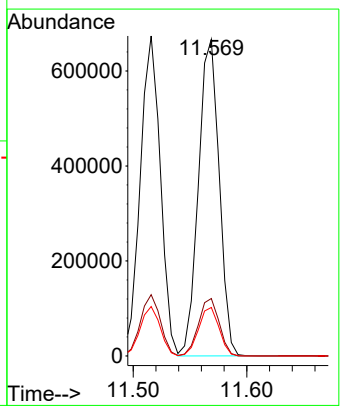


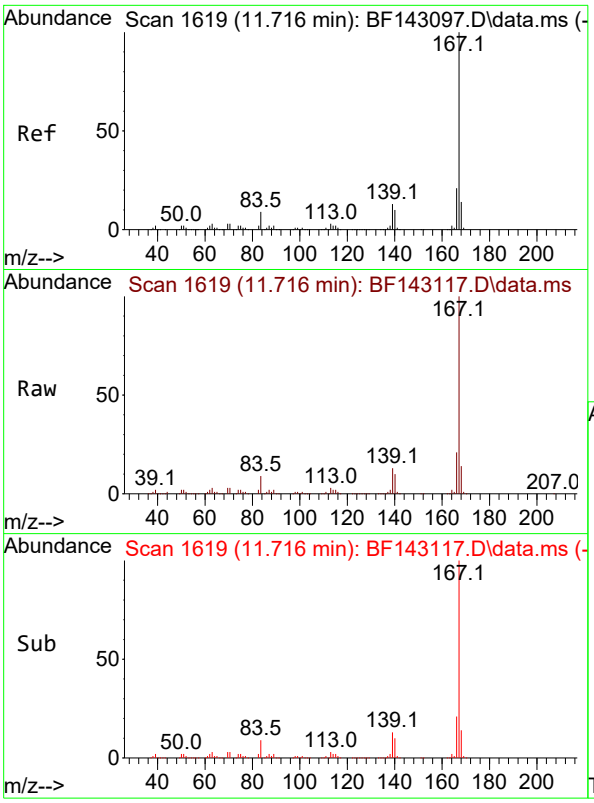


#72
Anthracene
Concen: 39.169 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:178 Resp: 844296

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.3	12.4	18.6



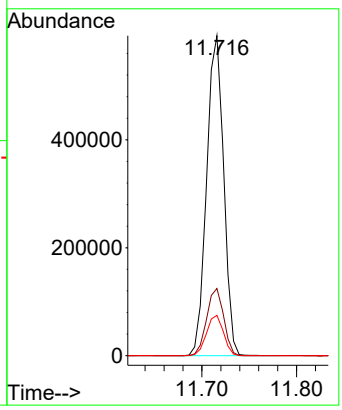


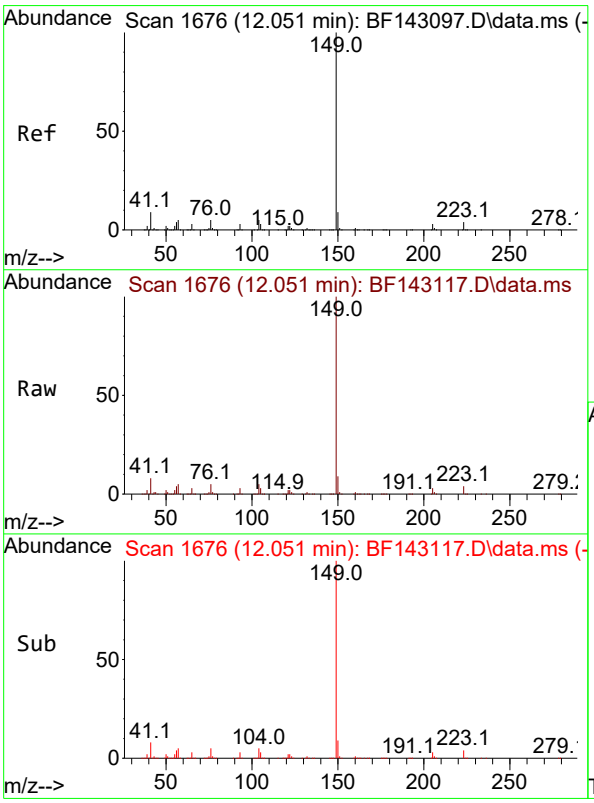
#73
Carbazole
Concen: 38.436 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 742234

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.6	10.2	15.4

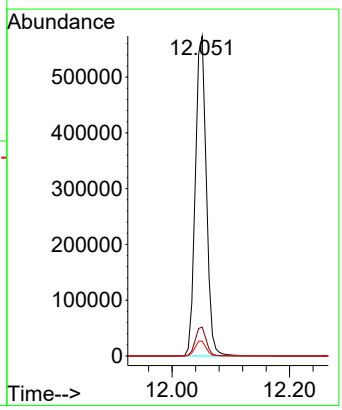


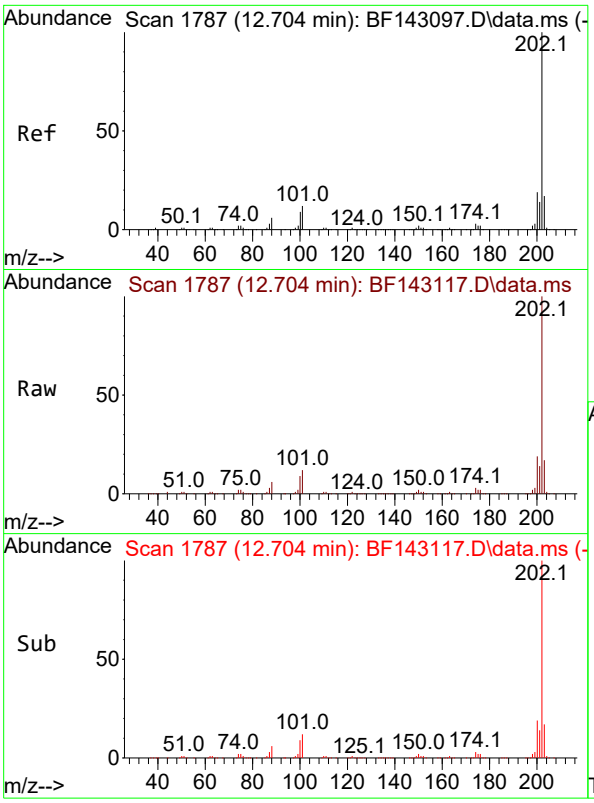


#74
Di-n-butylphthalate
Concen: 41.970 ng
RT: 12.051 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 743944

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.6	3.8	5.8



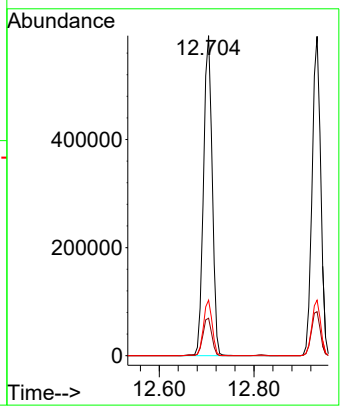


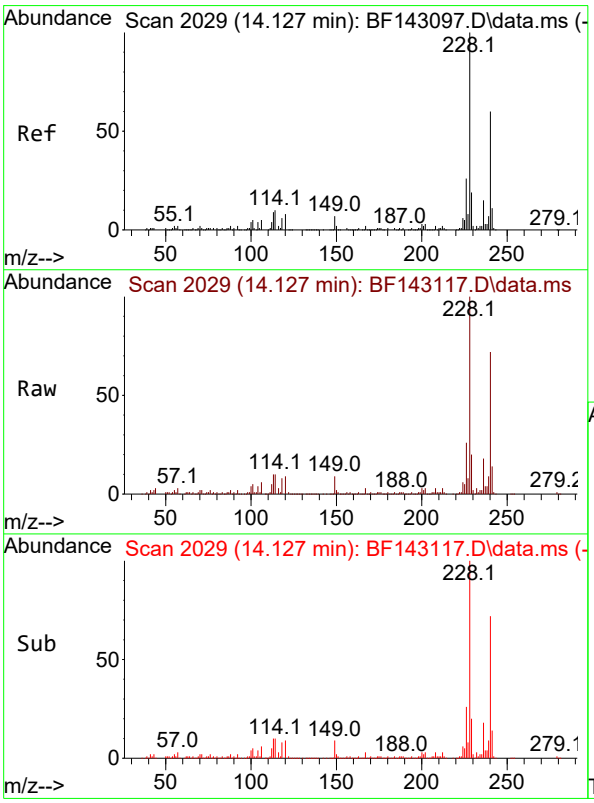
#75
Fluoranthene
Concen: 38.604 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 752396

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	17.4	0.0	37.4

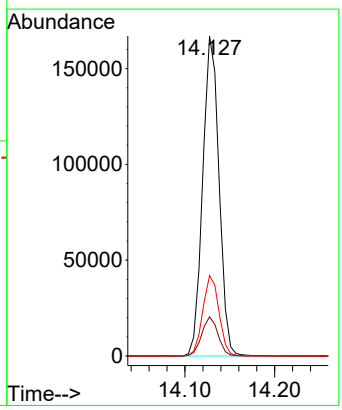


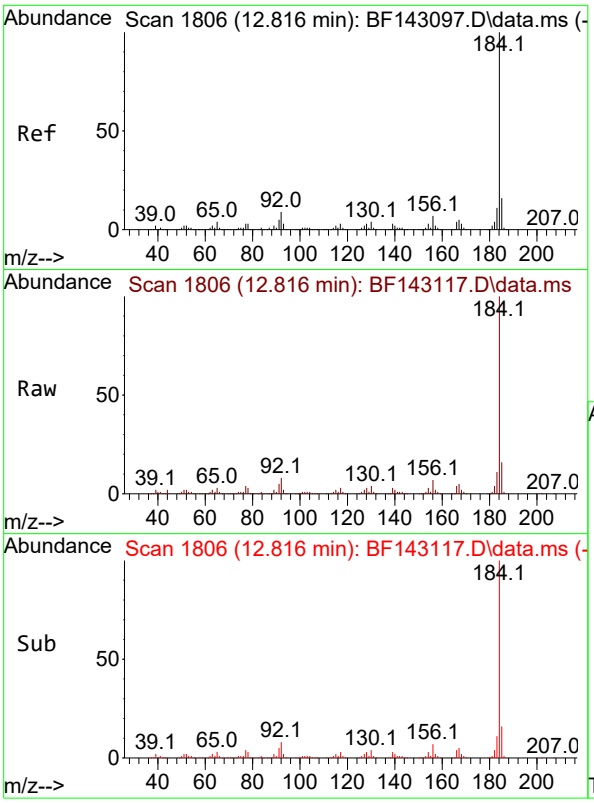


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:240 Resp: 210714

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.0	15.0
236	25.1	20.0	30.0



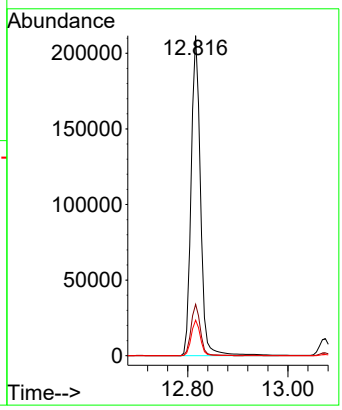


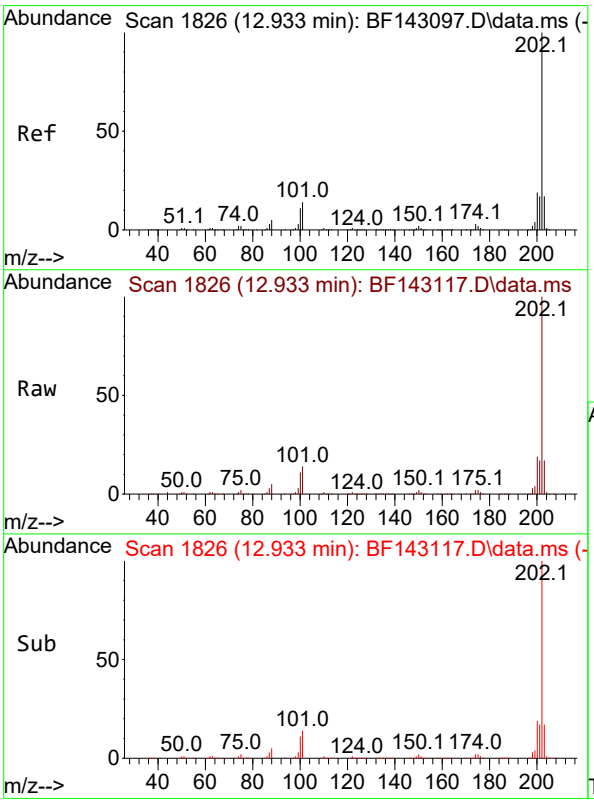
#77
Benzidine
Concen: 38.177 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 274069

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.4	18.6
183	11.1	8.6	12.8

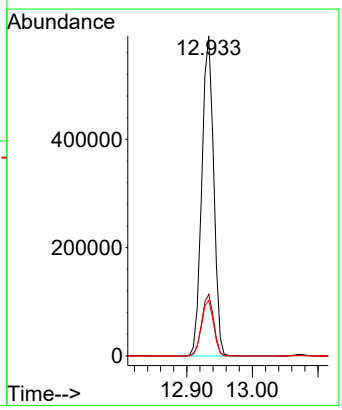


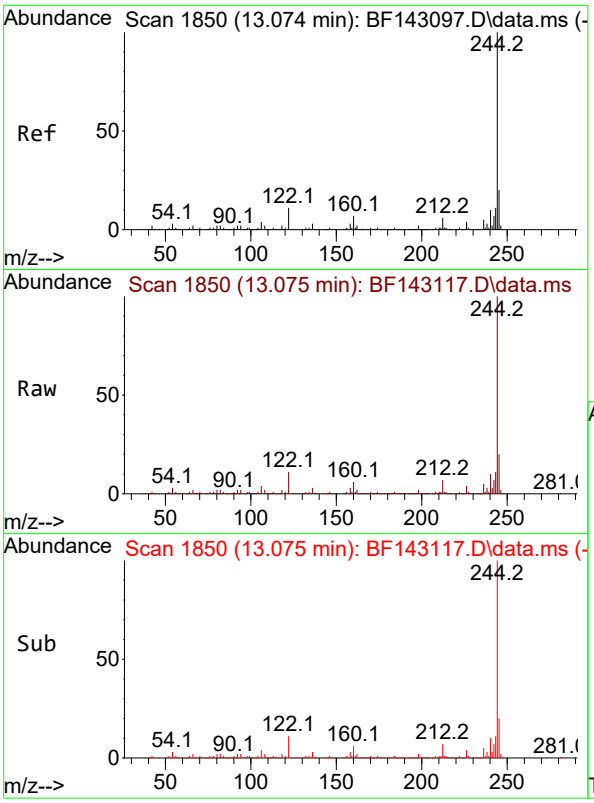


#78
Pyrene
Concen: 38.214 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:202 Resp: 747120

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.4	14.0	21.0



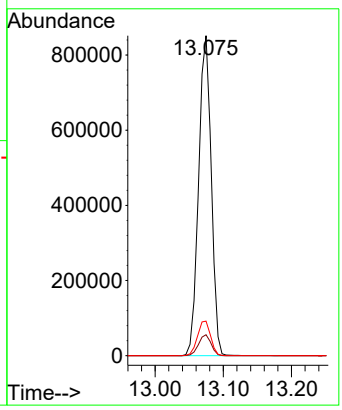


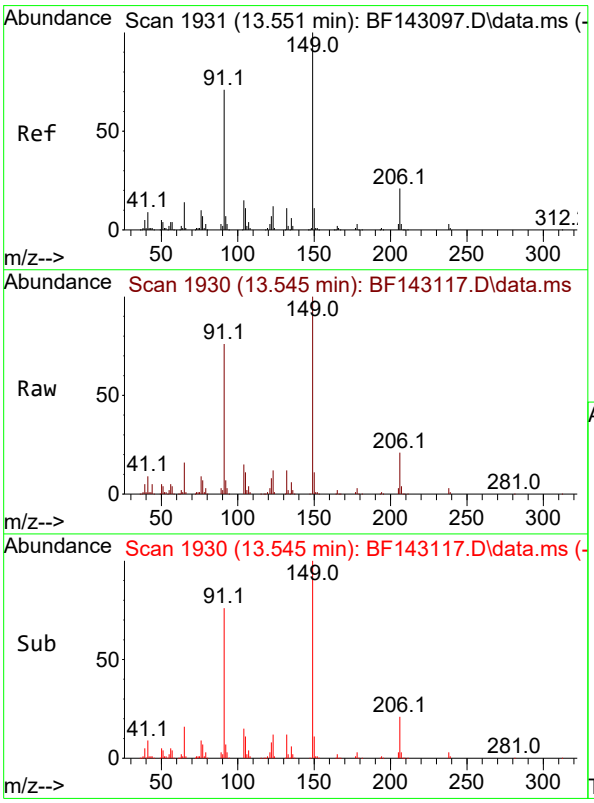
#79
Terphenyl-d14
Concen: 76.150 ng
RT: 13.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1097674

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.8	8.8	13.2

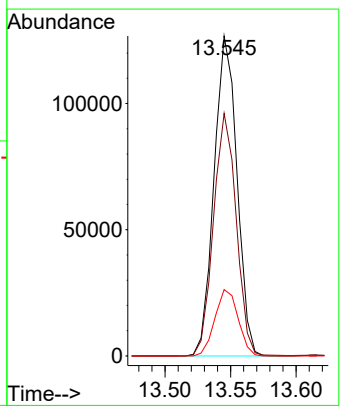


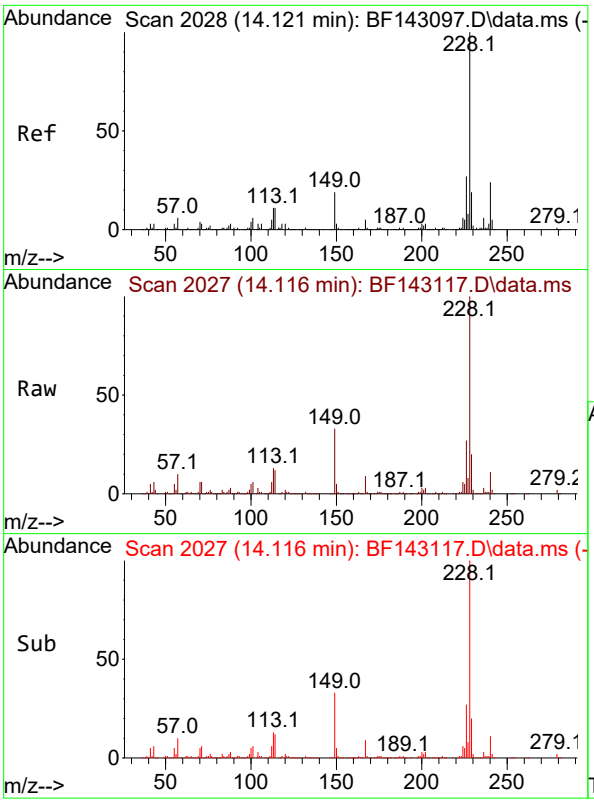


#80
Butylbenzylphthalate
Concen: 39.754 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 153672

Ion	Ratio	Lower	Upper
149	100		
91	75.8	57.0	85.4
206	20.7	17.2	25.8



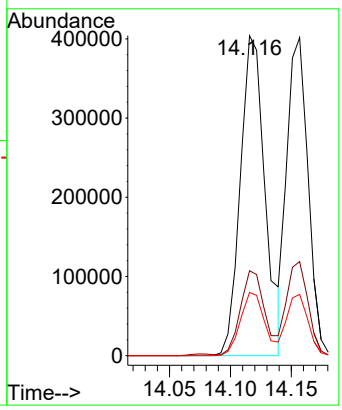


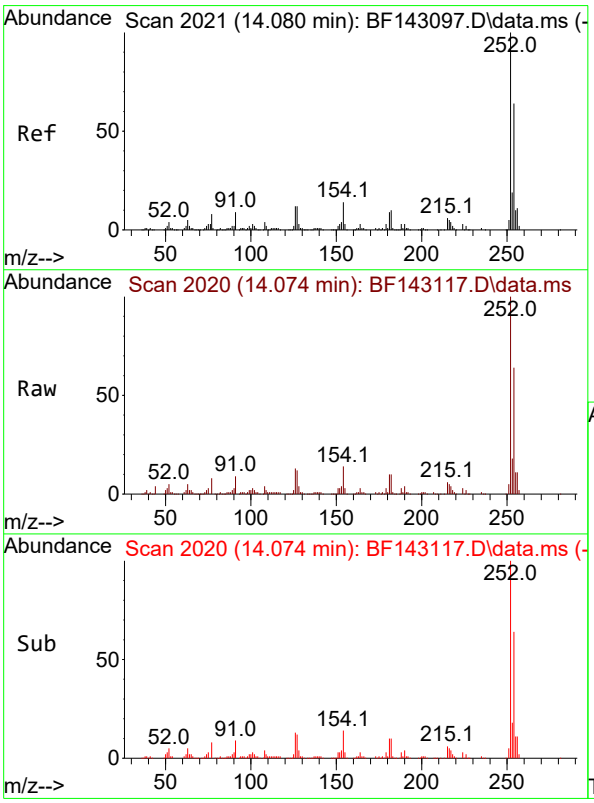
#81
Benzo(a)anthracene
Concen: 40.624 ng
RT: 14.116 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 570413

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.7	15.5	23.3

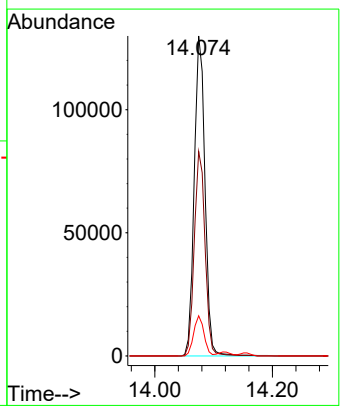


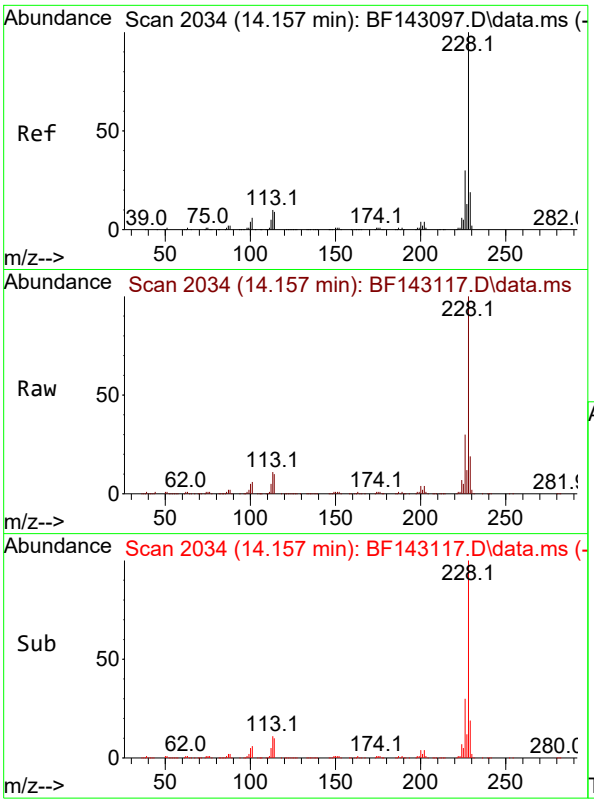


#82
3,3'-Dichlorobenzidine
Concen: 40.409 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:252 Resp: 164768

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	12.6	9.4	14.0



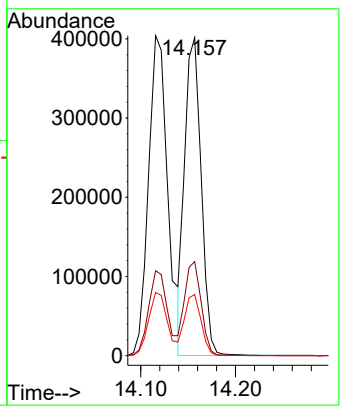


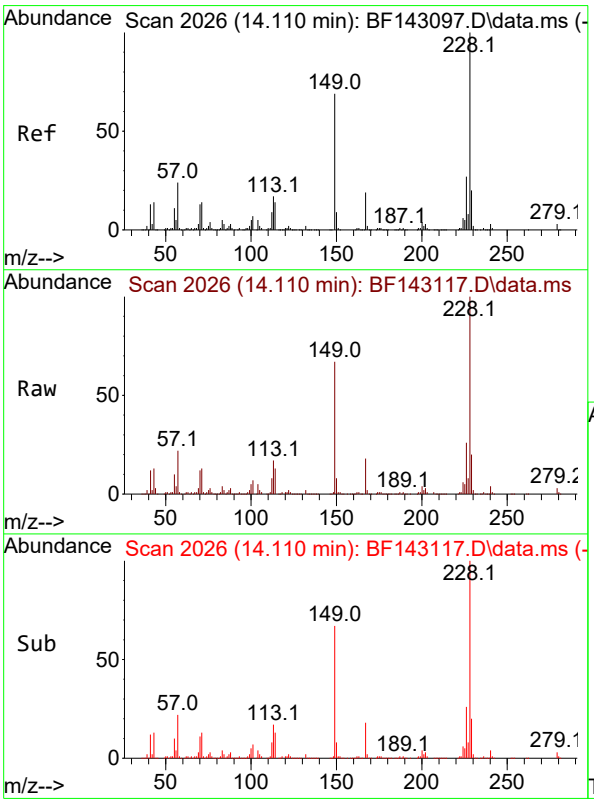
#83
Chrysene
Concen: 37.657 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 486986

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.3	15.3	22.9

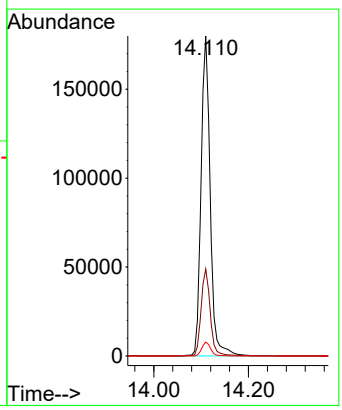


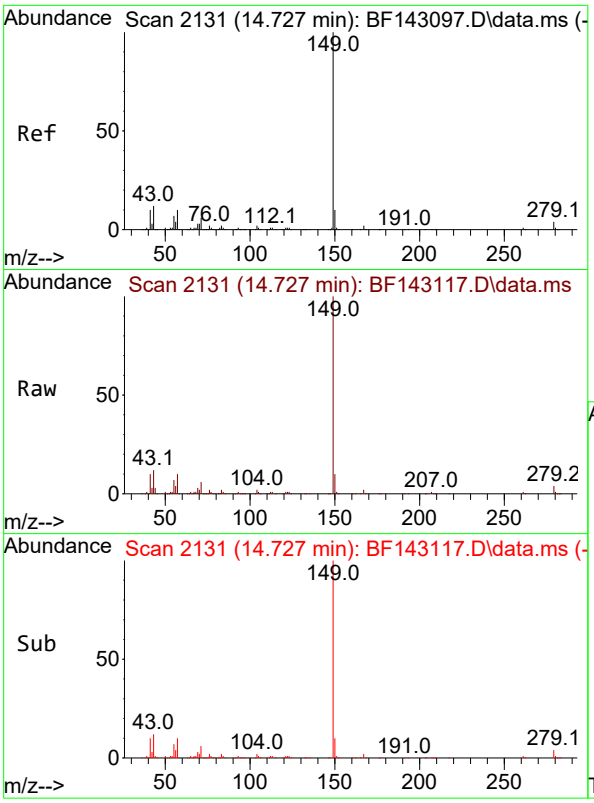


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.219 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:149 Resp: 241107

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.9	32.9
279	4.4	3.4	5.0



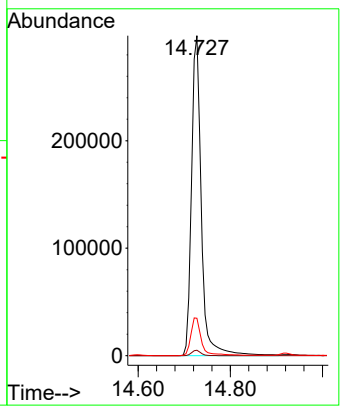


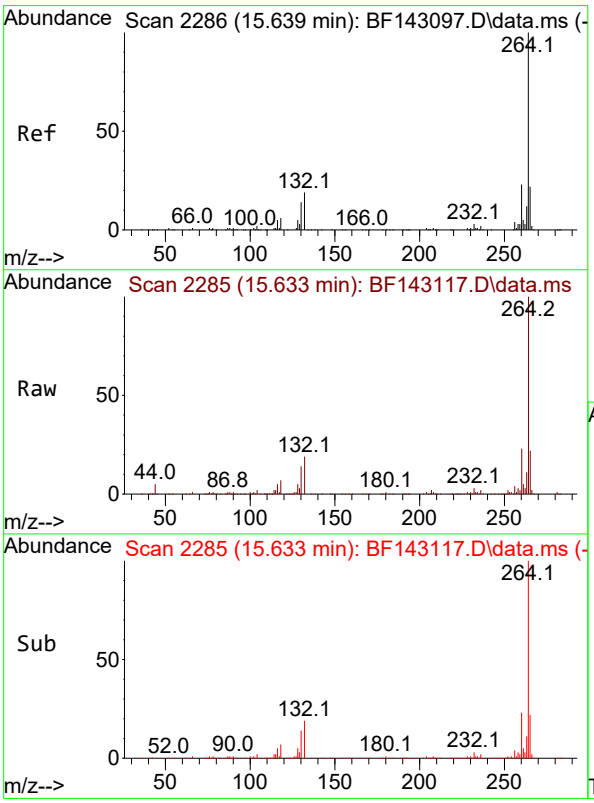
#85
Di-n-octyl phthalate
Concen: 40.440 ng
RT: 14.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 439529

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	10.6	16.0

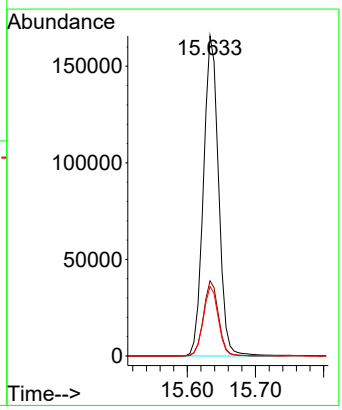


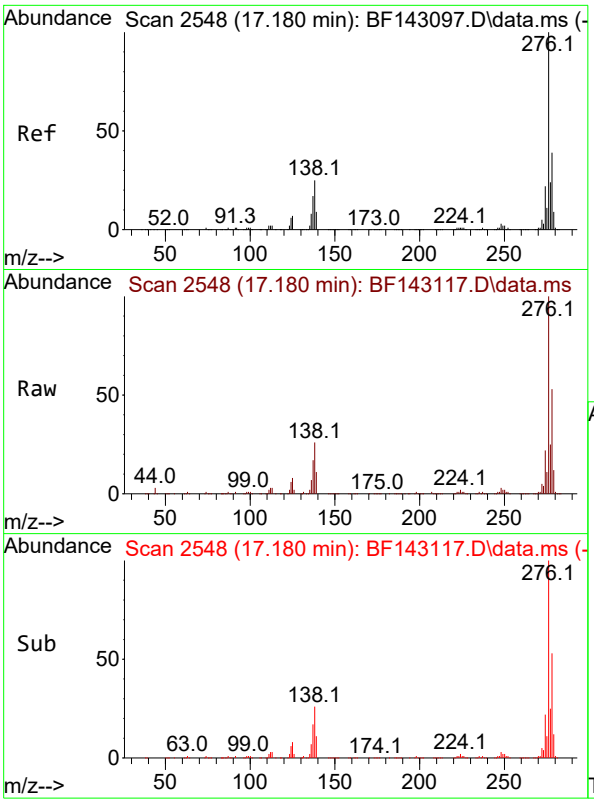


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:264 Resp: 255524

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.7	17.5	26.3



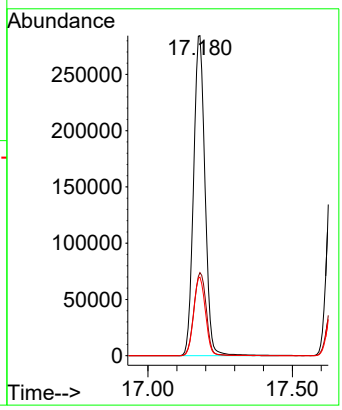


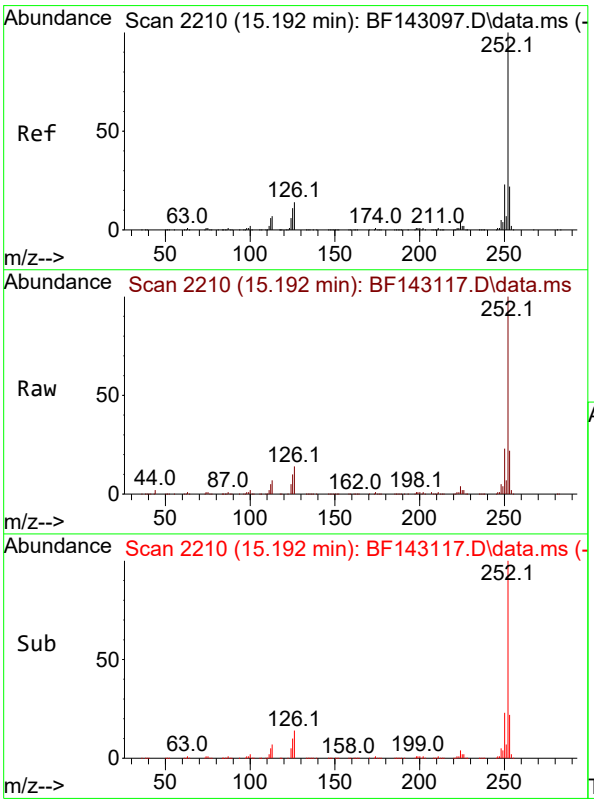
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.122 ng
RT: 17.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 781535

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.6	34.0
277	25.2	20.2	30.2

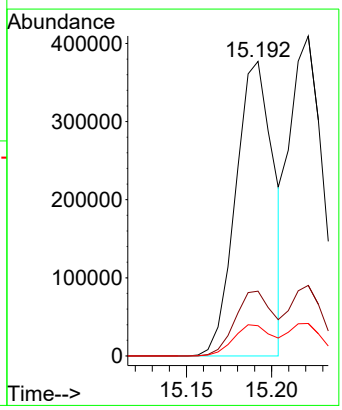


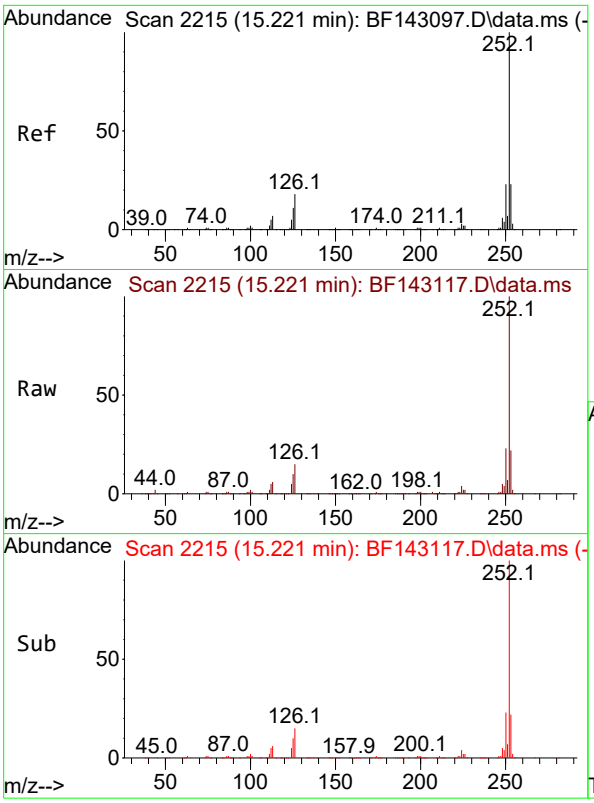


#88
Benzo(b)fluoranthene
Concen: 39.393 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:252 Resp: 580612

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.2	8.6	13.0



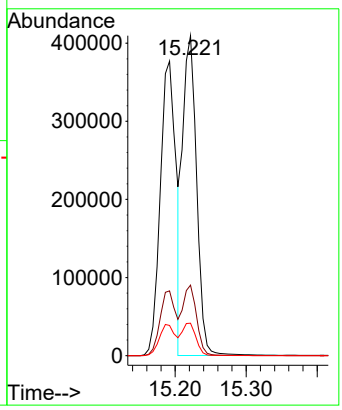


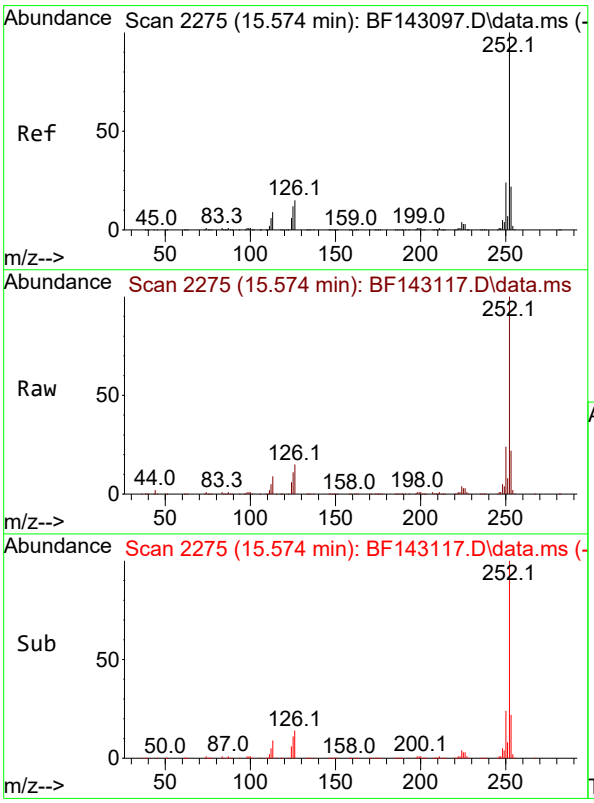
#89
Benzo(k)fluoranthene
Concen: 39.698 ng
RT: 15.221 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 558211

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.2	8.5	12.7

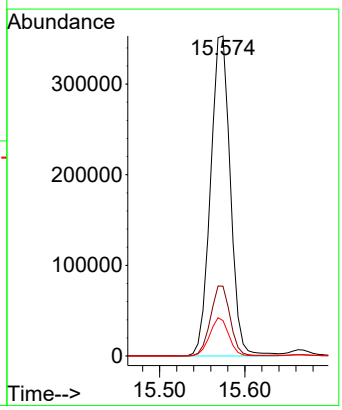


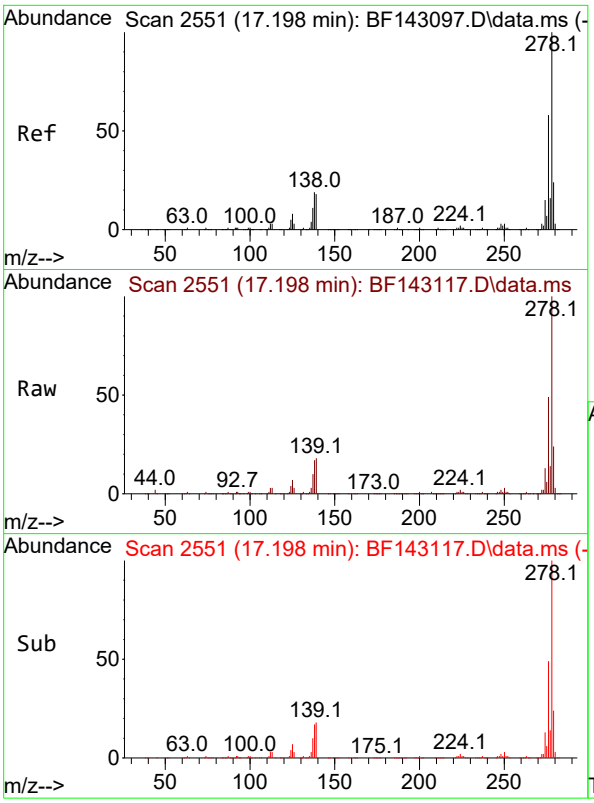


#90
Benzo(a)pyrene
Concen: 40.896 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:252 Resp: 570084

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.0	9.4	14.0



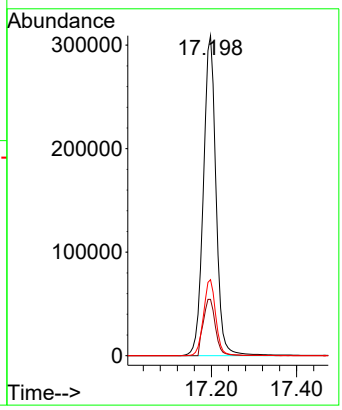


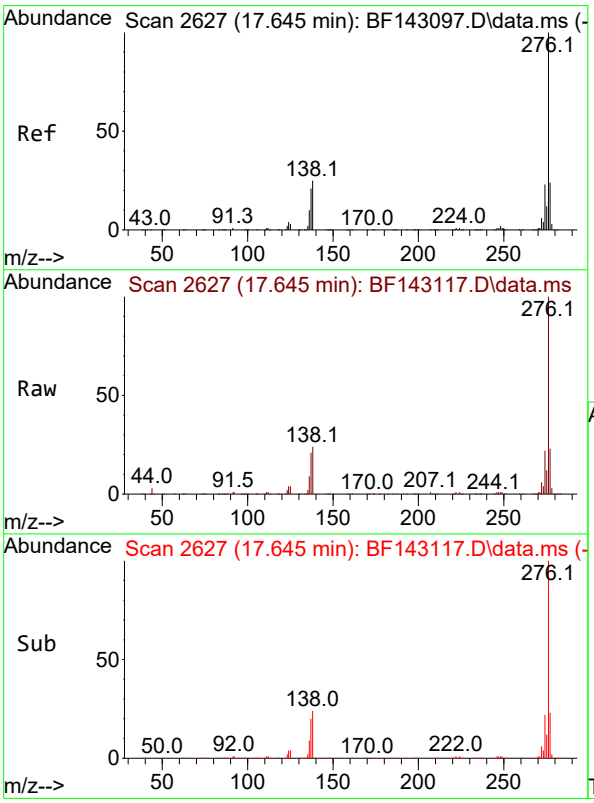
#91
Dibenzo(a,h)anthracene
Concen: 40.895 ng
RT: 17.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 635338

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.6	22.0
279	23.8	18.8	28.2

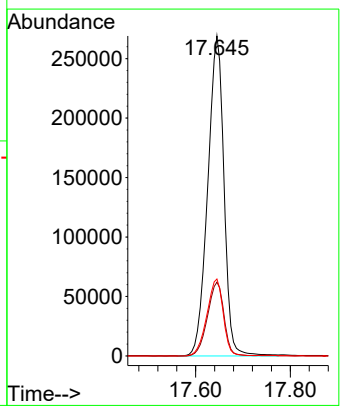




#92
Benzo(g,h,i)perylene
Concen: 40.534 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.000 min
Lab File: BF143117.D
Acq: 16 Jul 2025 19:39

Tgt Ion:276 Resp: 642024

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	24.0	19.8	29.6



Sample Results: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	0.00
2		1,4-Dioxane	0.630	0.628	0.3	110	0.00
3		Pyridine	1.596	1.575	1.3	108	0.00
4		n-Nitrosodimethylamine	0.827	0.806	2.5	108	0.00
5	S	2-Fluorophenol	1.266	1.249	1.3	109	0.00
6		Aniline	2.241	2.205	1.6	109	0.00
7	S	Phenol-d6	1.591	1.563	1.8	109	0.00
8		2-Chlorophenol	1.272	1.316	-3.5	113	0.00
9		Benzaldehyde	1.212	1.240	-2.3	94	0.00
10	C	Phenol	1.723	1.816	-5.4	116	0.00
11		bis(2-Chloroethyl)ether	1.334	1.298	2.7	109	0.00
12		1,3-Dichlorobenzene	1.437	1.430	0.5	111	0.00
13	C	1,4-Dichlorobenzene	1.446	1.418	1.9	110	0.00
14		1,2-Dichlorobenzene	1.379	1.346	2.4	108	0.00
15		Benzyl Alcohol	1.179	1.183	-0.3	111	0.00
16		2,2'-oxybis(1-Chloropropane	2.458	2.389	2.8	109	0.00
17		2-Methylphenol	1.098	1.094	0.4	111	0.00
18		Hexachloroethane	0.471	0.486	-3.2	113	0.00
19	P	n-Nitroso-di-n-propylamine	0.975	0.965	1.0	110	0.00
20		3+4-Methylphenols	1.346	1.368	-1.6	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22		Acetophenone	0.482	0.467	3.1	109	0.00
23	S	Nitrobenzene-d5	0.357	0.402	-12.6	118	0.00
24		Nitrobenzene	0.344	0.369	-7.3	113	0.00
25		Isophorone	0.689	0.675	2.0	109	0.00
26	C	2-Nitrophenol	0.114	0.145	-27.2#	132	0.00
27		2,4-Dimethylphenol	0.320	0.320	0.0	109	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.412	1.4	110	0.00
29	C	2,4-Dichlorophenol	0.262	0.269	-2.7	110	0.00
30		1,2,4-Trichlorobenzene	0.297	0.292	1.7	108	0.00
31		Naphthalene	0.993	0.972	2.1	110	0.00
32		Benzoic acid	0.139	0.147	-5.8	112	0.00
33		4-Chloroaniline	0.399	0.393	1.5	108	0.00
34	C	Hexachlorobutadiene	0.178	0.178	0.0	110	0.00
35		Caprolactam	0.082	0.084	-2.4	111	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.293	-0.7	110	0.00
37		2-Methylnaphthalene	0.592	0.578	2.4	109	0.00
38		1-Methylnaphthalene	0.615	0.599	2.6	109	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	112	0.00
40		1,2,4,5-Tetrachlorobenzene	0.583	0.567	2.7	109	0.00
41	P	Hexachlorocyclopentadiene	0.323	0.341	-5.6	118	0.00
42	S	2,4,6-Tribromophenol	0.178	0.191	-7.3	113	0.00
43	C	2,4,6-Trichlorophenol	0.362	0.386	-6.6	114	0.00
44		2,4,5-Trichlorophenol	0.380	0.387	-1.8	110	0.00
45	S	2-Fluorobiphenyl	1.505	1.421	5.6	109	0.00
46		1,1'-Biphenyl	1.595	1.534	3.8	109	0.00
47		2-Chloronaphthalene	1.172	1.129	3.7	109	0.00

Sample Results: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	0.303	0.352	-16.2	120	0.00
49		Acenaphthylene	1.952	1.912	2.0	109	0.00
50		Dimethylphthalate	1.258	1.236	1.7	110	0.00
51		2,6-Dinitrotoluene	0.219	0.258	-17.8	123	0.00
52	C	Acenaphthene	1.152	1.115	3.2	110	0.00
53		3-Nitroaniline	0.272	0.299	-9.9	116	0.00
54	P	2,4-Dinitrophenol	0.073	0.082	-12.3	134	0.00
55		Dibenzofuran	1.717	1.649	4.0	108	0.00
56	P	4-Nitrophenol	0.216	0.230	-6.5	115	0.00
57		2,4-Dinitrotoluene	0.265	0.307	-15.8	116	0.00
58		Fluorene	1.288	1.219	5.4	109	0.00
59		2,3,4,6-Tetrachlorophenol	0.302	0.324	-7.3	116	0.00
60		Diethylphthalate	1.214	1.211	0.2	110	0.00
61		4-Chlorophenyl-phenylether	0.617	0.603	2.3	109	0.00
62		4-Nitroaniline	0.236	0.255	-8.1	114	0.00
63		Azobenzene	1.343	1.284	4.4	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.067	0.078	-16.4	131	0.00
66	c	n-Nitrosodiphenylamine	0.703	0.687	2.3	108	0.00
67		4-Bromophenyl-phenylether	0.227	0.227	0.0	110	0.00
68		Hexachlorobenzene	0.241	0.241	0.0	110	0.00
69		Atrazine	0.180	0.183	-1.7	109	0.00
70	C	Pentachlorophenol	0.132	0.144	-9.1	117	0.00
71		Phenanthrene	1.079	1.046	3.1	108	0.00
72		Anthracene	1.085	1.063	2.0	108	0.00
73		Carbazole	0.972	0.934	3.9	107	0.00
74		Di-n-butylphthalate	0.893	0.937	-4.9	109	0.00
75	C	Fluoranthene	0.981	0.947	3.5	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	110	0.00
77		Benzidine	0.681	0.650	4.6	85	0.00
78		Pyrene	1.856	1.773	4.5	105	0.00
79	S	Terphenyl-d14	1.368	1.302	4.8	106	0.00
80		Butylbenzylphthalate	0.318	0.365	-14.8	116	0.00
81		Benzo(a)anthracene	1.333	1.354	-1.6	110	0.00
82		3,3'-Dichlorobenzidine	0.387	0.391	-1.0	111	0.00
83		Chrysene	1.227	1.156	5.8	105	0.00
84		Bis(2-ethylhexyl)phthalate	0.480	0.572	-19.2	122	0.00
85	c	Di-n-octyl phthalate	0.927	1.043	-12.5	124	0.00
86	I	Perylene-d12	1.000	1.000	0.0	113	0.00
87		Indeno(1,2,3-cd)pyrene	1.488	1.529	-2.8	113	0.00
88		Benzo(b)fluoranthene	1.154	1.136	1.6	118	0.00
89		Benzo(k)fluoranthene	1.101	1.092	0.8	107	0.00
90	C	Benzo(a)pyrene	1.091	1.116	-2.3	112	0.00
91		Dibenzo(a,h)anthracene	1.216	1.243	-2.2	113	0.00
92		Benzo(g,h,i)perylene	1.240	1.256	-1.3	113	0.00

Sample Results: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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	0.00
2		1,4-Dioxane	40.000	39.864	0.3	110	0.00
3		Pyridine	40.000	39.489	1.3	108	0.00
4		n-Nitrosodimethylamine	40.000	39.012	2.5	108	0.00
5	S	2-Fluorophenol	80.000	78.913	1.4	109	0.00
6		Aniline	40.000	39.360	1.6	109	0.00
7	S	Phenol-d6	80.000	78.603	1.7	109	0.00
8		2-Chlorophenol	40.000	41.401	-3.5	113	0.00
9		Benzaldehyde	40.000	40.919	-2.3	94	0.00
10	C	Phenol	40.000	42.169	-5.4	116	0.00
11		bis(2-Chloroethyl)ether	40.000	38.936	2.7	109	0.00
12		1,3-Dichlorobenzene	40.000	39.815	0.5	111	0.00
13	C	1,4-Dichlorobenzene	40.000	39.238	1.9	110	0.00
14		1,2-Dichlorobenzene	40.000	39.051	2.4	108	0.00
15		Benzyl Alcohol	40.000	40.125	-0.3	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.870	2.8	109	0.00
17		2-Methylphenol	40.000	39.876	0.3	111	0.00
18		Hexachloroethane	40.000	41.310	-3.3	113	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.615	1.0	110	0.00
20		3+4-Methylphenols	40.000	40.641	-1.6	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22		Acetophenone	40.000	38.753	3.1	109	0.00
23	S	Nitrobenzene-d5	80.000	90.170	-12.7	118	0.00
24		Nitrobenzene	40.000	42.874	-7.2	113	0.00
25		Isophorone	40.000	39.167	2.1	109	0.00
26	C	2-Nitrophenol	40.000	42.663	-6.7	132	0.00
27		2,4-Dimethylphenol	40.000	39.965	0.1	109	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.412	1.5	110	0.00
29	C	2,4-Dichlorophenol	40.000	41.164	-2.9	110	0.00
30		1,2,4-Trichlorobenzene	40.000	39.339	1.7	108	0.00
31		Naphthalene	40.000	39.140	2.1	110	0.00
32		Benzoic acid	40.000	38.466	3.8	112	0.00
33		4-Chloroaniline	40.000	39.377	1.6	108	0.00
34	C	Hexachlorobutadiene	40.000	40.072	-0.2	110	0.00
35		Caprolactam	40.000	41.190	-3.0	111	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.192	-0.5	110	0.00
37		2-Methylnaphthalene	40.000	39.014	2.5	109	0.00
38		1-Methylnaphthalene	40.000	38.976	2.6	109	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	112	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.885	2.8	109	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.225	-5.6	118	0.00
42	S	2,4,6-Tribromophenol	80.000	85.634	-7.0	113	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.600	-6.5	114	0.00
44		2,4,5-Trichlorophenol	40.000	40.747	-1.9	110	0.00
45	S	2-Fluorobiphenyl	80.000	75.570	5.5	109	0.00
46		1,1'-Biphenyl	40.000	38.466	3.8	109	0.00
47		2-Chloronaphthalene	40.000	38.546	3.6	109	0.00

Sample Results: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.710	-1.8	120	0.00
49		Acenaphthylene	40.000	39.176	2.1	109	0.00
50		Dimethylphthalate	40.000	39.291	1.8	110	0.00
51		2,6-Dinitrotoluene	40.000	41.829	-4.6	123	0.00
52	C	Acenaphthene	40.000	38.701	3.2	110	0.00
53		3-Nitroaniline	40.000	43.942	-9.9	116	0.00
54	P	2,4-Dinitrophenol	40.000	42.980	-7.4	134	0.00
55		Dibenzofuran	40.000	38.413	4.0	108	0.00
56	P	4-Nitrophenol	40.000	42.650	-6.6	115	0.00
57		2,4-Dinitrotoluene	40.000	40.106	-0.3	116	0.00
58		Fluorene	40.000	37.875	5.3	109	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.914	-7.3	116	0.00
60		Diethylphthalate	40.000	39.920	0.2	110	0.00
61		4-Chlorophenyl-phenylether	40.000	39.072	2.3	109	0.00
62		4-Nitroaniline	40.000	43.204	-8.0	114	0.00
63		Azobenzene	40.000	38.265	4.3	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.295	-8.2	131	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.129	2.2	108	0.00
67		4-Bromophenyl-phenylether	40.000	39.949	0.1	110	0.00
68		Hexachlorobenzene	40.000	39.950	0.1	110	0.00
69		Atrazine	40.000	40.708	-1.8	109	0.00
70	C	Pentachlorophenol	40.000	43.376	-8.4	117	0.00
71		Phenanthrene	40.000	38.780	3.0	108	0.00
72		Anthracene	40.000	39.169	2.1	108	0.00
73		Carbazole	40.000	38.436	3.9	107	0.00
74		Di-n-butylphthalate	40.000	41.970	-4.9	109	0.00
75	C	Fluoranthene	40.000	38.604	3.5	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	110	0.00
77		Benzidine	40.000	38.177	4.6	85	0.00
78		Pyrene	40.000	38.214	4.5	105	0.00
79	S	Terphenyl-d14	80.000	76.150	4.8	106	0.00
80		Butylbenzylphthalate	40.000	39.754	0.6	116	0.00
81		Benzo(a)anthracene	40.000	40.624	-1.6	110	0.00
82		3,3'-Dichlorobenzidine	40.000	40.409	-1.0	111	0.00
83		Chrysene	40.000	37.657	5.9	105	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.219	-3.0	122	0.00
85	c	Di-n-octyl phthalate	40.000	40.440	-1.1	124	0.00
86	I	Perylene-d12	20.000	20.000	0.0	113	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.122	-2.8	113	0.00
88		Benzo(b)fluoranthene	40.000	39.393	1.5	118	0.00
89		Benzo(k)fluoranthene	40.000	39.698	0.8	107	0.00
90	C	Benzo(a)pyrene	40.000	40.896	-2.2	112	0.00
91		Dibenzo(a,h)anthracene	40.000	40.895	-2.2	113	0.00
92		Benzo(g,h,i)perylene	40.000	40.534	-1.3	113	0.00

Sample Results: **BF143117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143117.D
Acq On : 16 Jul 2025 19:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 17 03:44:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 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

Raw Data: **BP025155.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_P Calibration Date/Time: 07/16/2025 12:42

Lab File ID: BP025155.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.127		-0.2	
Benzaldehyde	0.769	0.625		-18.7	
Phenol-d6	1.473	1.456		-1.2	
Phenol	1.497	1.451		-3.1	20.0
bis(2-Chloroethyl)ether	1.152	1.106		-4.0	
2-Chlorophenol	1.263	1.281		1.4	
2-Methylphenol	0.964	0.980		1.7	
2,2-oxybis(1-Chloropropane)	1.498	1.353		-9.7	
Acetophenone	0.473	0.462		-2.3	
3+4-Methylphenols	1.350	1.353		0.2	
n-Nitroso-di-n-propylamine	0.874	0.858	0.050	-1.8	
Nitrobenzene-d5	0.301	0.315		4.7	
Hexachloroethane	0.466	0.474		1.7	
Nitrobenzene	0.306	0.312		2.0	
Isophorone	0.562	0.566		0.7	
2-Nitrophenol	0.128	0.181		41.4	20.0
2,4-Dimethylphenol	0.210	0.215		2.4	
bis(2-Chloroethoxy)methane	0.382	0.379		-0.8	
2,4-Dichlorophenol	0.291	0.318		9.3	20.0
Naphthalene	1.030	1.012		-1.7	
4-Chloroaniline	0.384	0.391		1.8	
Hexachlorobutadiene	0.185	0.194		4.9	20.0
Caprolactam	0.099	0.105		6.1	
4-Chloro-3-methylphenol	0.304	0.323		6.3	20.0
2-Methylnaphthalene	0.727	0.726		-0.1	
Hexachlorocyclopentadiene	0.150	0.183	0.050	22.0	
2,4,6-Trichlorophenol	0.348	0.402		15.5	20.0
2-Fluorobiphenyl	1.291	1.243		-3.7	
2,4,5-Trichlorophenol	0.394	0.436		10.7	
1,1-Biphenyl	1.455	1.427		-1.9	
2-Chloronaphthalene	1.094	1.096		0.2	
2-Nitroaniline	0.237	0.281		18.6	
Dimethylphthalate	1.400	1.424		1.7	
Acenaphthylene	1.674	1.681		0.4	
2,6-Dinitrotoluene	0.273	0.307		12.5	
3-Nitroaniline	0.293	0.331		13.0	
Acenaphthene	1.079	1.056		-2.1	20.0
2,4-Dinitrophenol	0.114	0.172	0.050	50.9	
4-Nitrophenol	0.270	0.298	0.050	10.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_P Calibration Date/Time: 07/16/2025 12:42

Lab File ID: BP025155.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.741		-2.2	
2,4-Dinitrotoluene	0.356	0.420		18.0	
Diethylphthalate	1.406	1.422		1.1	
4-Chlorophenyl-phenylether	0.682	0.683		0.1	
Fluorene	1.377	1.344		-2.4	
4-Nitroaniline	0.307	0.349		13.7	
4,6-Dinitro-2-methylphenol	0.082	0.120		46.3	
n-Nitrosodiphenylamine	0.572	0.589		3.0	20.0
2,4,6-Tribromophenol	0.236	0.289		22.5	
4-Bromophenyl-phenylether	0.205	0.226		10.2	
Hexachlorobenzene	0.250	0.266		6.4	
Atrazine	0.168	0.189		12.5	
Pentachlorophenol	0.169	0.198		17.2	20.0
Phenanthrene	1.069	1.030		-3.6	
Anthracene	1.025	1.026		0.1	
Carbazole	1.002	0.998		-0.4	
Di-n-butylphthalate	1.116	1.239		11.0	
Fluoranthene	1.249	1.254		0.4	20.0
Pyrene	1.239	1.265		2.1	
Terphenyl-d14	0.910	0.912		0.2	
Butylbenzylphthalate	0.402	0.541		34.6	
3,3-Dichlorobenzidine	0.365	0.456		24.9	
Benzo(a)anthracene	1.212	1.209		-0.2	
Chrysene	1.166	1.138		-2.4	
Bis(2-ethylhexyl)phthalate	0.650	0.792		21.8	
Di-n-octyl phthalate	1.054	1.357		28.7	20.0
Benzo(b)fluoranthene	1.164	1.147		-1.5	
Benzo(k)fluoranthene	1.158	1.093		-5.6	
Benzo(a)pyrene	0.991	1.020		2.9	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.358		6.6	
Dibenzo(a,h)anthracene	1.053	1.127		7.0	
Benzo(g,h,i)perylene	1.088	1.140		4.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.598		4.0	
1,4-Dioxane	0.439	0.407		-7.3	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.403		12.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	564997	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2237579	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1465074	20.000	ng	0.00
64) Phenanthrene-d10	16.930	188	2922940	20.000	ng	0.02
76) Chrysene-d12	21.360	240	2997869	20.000	ng	0.02
86) Perylene-d12	24.501	264	3472368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2547882	79.902	ng	0.00
7) Phenol-d6	6.637	99	3291152	79.090	ng	0.00
23) Nitrobenzene-d5	8.572	82	2820767	83.838	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	1691627	97.740	ng	0.01
45) 2-Fluorobiphenyl	12.695	172	7286089	77.043	ng	0.00
79) Terphenyl-d14	19.677	244	10940897	80.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	459705	37.074	ng	98
3) Pyridine	3.490	79	1295219	38.154	ng	98
4) n-Nitrosodimethylamine	3.408	42	512069	35.626	ng	90
6) Aniline	6.784	93	1528083	39.303	ng	99
8) 2-Chlorophenol	7.019	128	1447361	40.568	ng	98
9) Benzaldehyde	6.602	77	706028	32.488	ng	96
10) Phenol	6.666	94	1639681	38.780	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	1250129	38.418	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1568447	39.280	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1602132	39.630	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1522581	39.152	ng	99
15) Benzyl Alcohol	7.678	79	1127395	40.592	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1528381	36.122	ng	98
17) 2-Methylphenol	7.884	107	1107049	40.646	ng	99
18) Hexachloroethane	8.502	117	535091	40.630	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	969360	39.280	ng	97
20) 3+4-Methylphenols	8.207	107	1528669	40.071	ng	98
22) Acetophenone	8.243	105	2066167	39.045	ng	98
24) Nitrobenzene	8.613	77	1395349	40.716	ng	94
25) Isophorone	9.143	82	2532667	40.280	ng	99
26) 2-Nitrophenol	9.313	139	810527	48.687	ng	96
27) 2,4-Dimethylphenol	9.390	122	960958	40.971	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1695445	39.712	ng	98
29) 2,4-Dichlorophenol	9.854	162	1422094	43.726	ng	98
30) 1,2,4-Trichlorobenzene	10.060	180	1482294	41.157	ng	99
31) Naphthalene	10.249	128	4529753	39.315	ng	99
32) Benzoic acid	9.543	122	1191237	50.471	ng	94
33) 4-Chloroaniline	10.348	127	1749419	40.686	ng	98
34) Hexachlorobutadiene	10.543	225	868186	42.006	ng	99
35) Caprolactam	11.143	113	468089	42.071	ng	94
36) 4-Chloro-3-methylphenol	11.501	107	1445852	42.541	ng	99
37) 2-Methylnaphthalene	11.872	142	3249124	39.967	ng	100
38) 1-Methylnaphthalene	12.090	142	3163495	39.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.254	216	1752724	41.626	ng	99
41) Hexachlorocyclopentadiene	12.243	237	536542	48.784	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1179026	46.244	ng	99

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1276875	44.191	ng	98
46) 1,1'-Biphenyl	12.913	154	4181055	39.223	ng	99
47) 2-Chloronaphthalene	12.948	162	3210239	40.068	ng	100
48) 2-Nitroaniline	13.148	65	822809	42.274	ng	94
49) Acenaphthylene	13.801	152	4926382	40.174	ng	100
50) Dimethylphthalate	13.560	163	4171124	40.672	ng	99
51) 2,6-Dinitrotoluene	13.672	165	899288	44.961	ng	94
52) Acenaphthene	14.160	154	3094975	39.159	ng	99
53) 3-Nitroaniline	14.001	138	969923	45.249	ng	99
54) 2,4-Dinitrophenol	14.213	184	503837	53.458	ng	92
55) Dibenzofuran	14.513	168	5100382	39.103	ng	99
56) 4-Nitrophenol	14.337	139	872559	44.110	ng	96
57) 2,4-Dinitrotoluene	14.478	165	1229754	42.228	ng	93
58) Fluorene	15.178	166	3939328	39.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1182265	45.184	ng	95
60) Diethylphthalate	14.972	149	4165539	40.440	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2000871	40.075	ng	98
62) 4-Nitroaniline	15.195	138	1022502	45.492	ng	96
63) Azobenzene	15.484	77	3419319	37.279	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	703358	52.312	ng	91
66) n-Nitrosodiphenylamine	15.401	169	3443735	41.168	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1320894	44.136	ng	98
68) Hexachlorobenzene	16.213	284	1555286	42.517	ng	93
69) Atrazine	16.395	200	1102501	44.978	ng	99
70) Pentachlorophenol	16.566	266	1159837	46.949	ng	99
71) Phenanthrene	16.966	178	6022930	38.563	ng	99
72) Anthracene	17.048	178	5998866	40.035	ng	100
73) Carbazole	17.336	167	5833948	39.821	ng	99
74) Di-n-butylphthalate	17.966	149	7240637	44.381	ng	99
75) Fluoranthene	19.072	202	7332841	40.166	ng	99
77) Benzidine	19.272	184	3039209	57.401	ng	98
78) Pyrene	19.448	202	7585115	40.850	ng	100
80) Butylbenzylphthalate	20.424	149	3246304	45.579	ng	99
81) Benzo(a)anthracene	21.336	228	7249296	39.902	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2734732	50.003	ng	100
83) Chrysene	21.401	228	6824902	39.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	4748475	48.728	ng	98
85) Di-n-octyl phthalate	22.542	149	8135393	45.843	ng	97
87) Indeno(1,2,3-cd)pyrene	28.030	276	9428099m	42.621	ng	
88) Benzo(b)fluoranthene	23.501	252	7966965	39.419	ng	100
89) Benzo(k)fluoranthene	23.571	252	7588345	37.735	ng	99
90) Benzo(a)pyrene	24.336	252	7086765	41.198	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	7827780	42.809	ng	98
92) Benzo(g,h,i)perylene	29.118	276	7916064	41.908	ng	99

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

Sample Results: **BP025155.D**

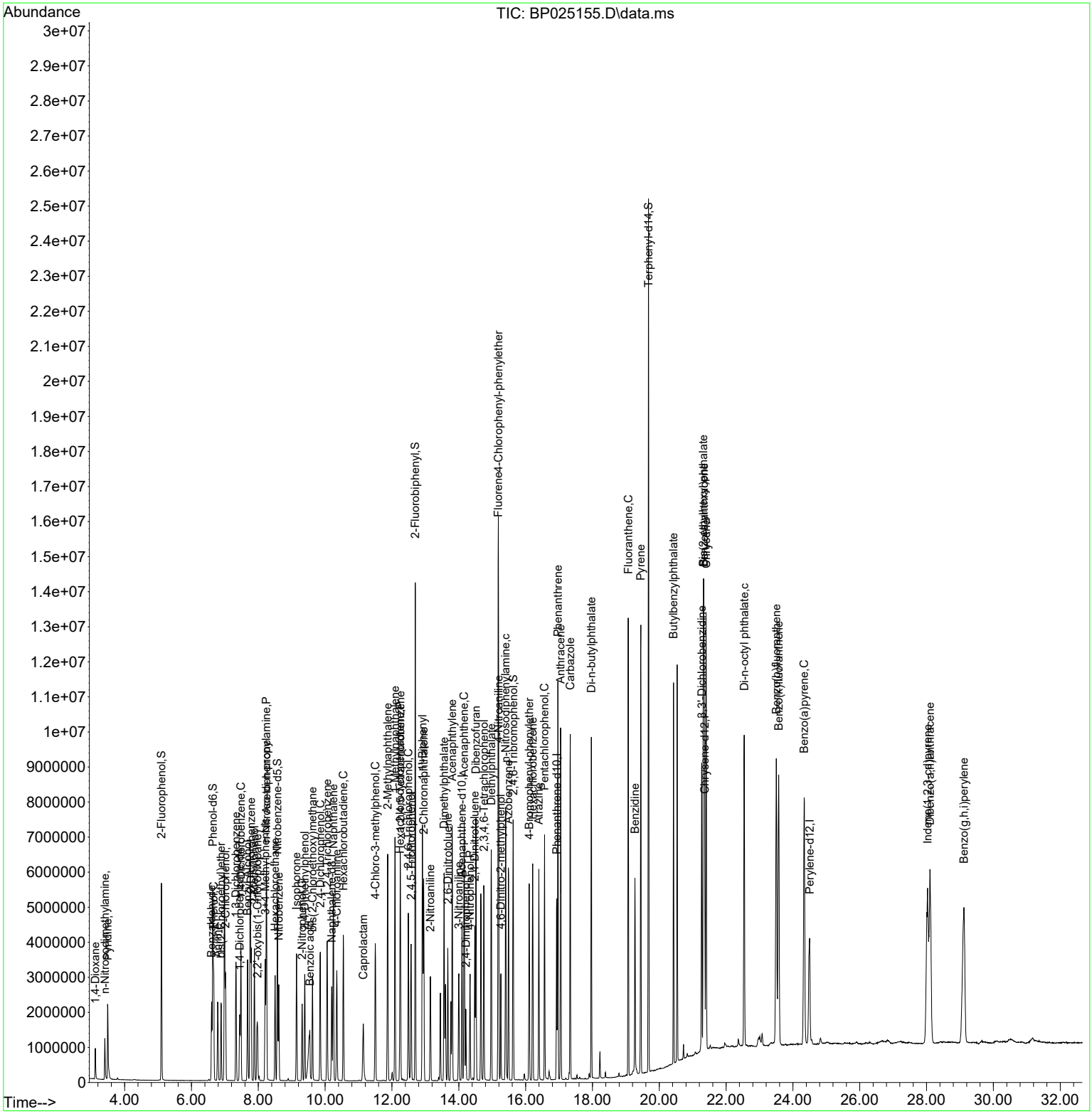
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

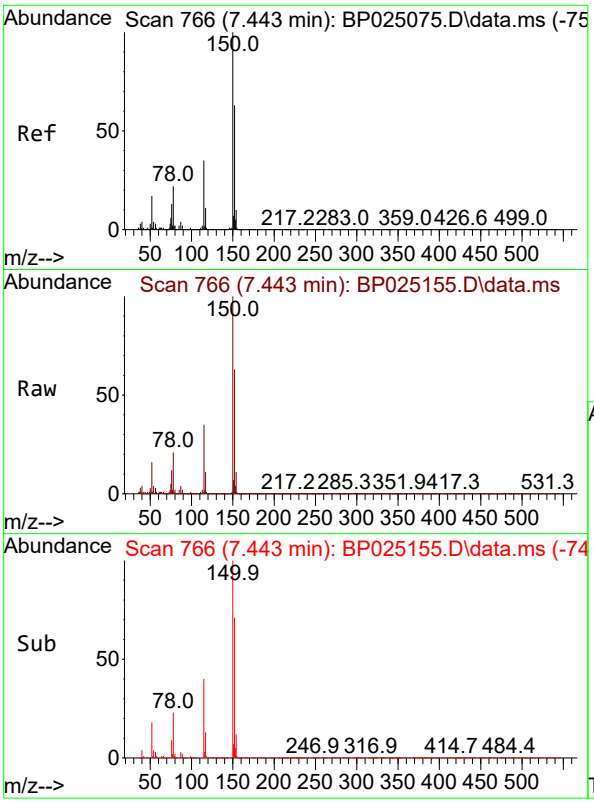
Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

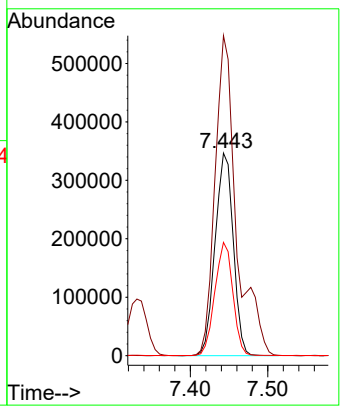




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:152 Resp: 56499

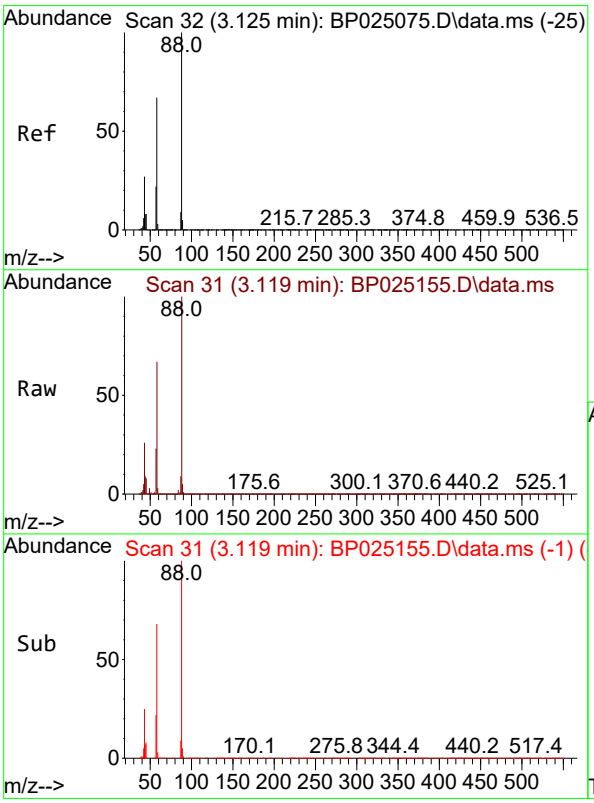
Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.1	189.1
115	55.9	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

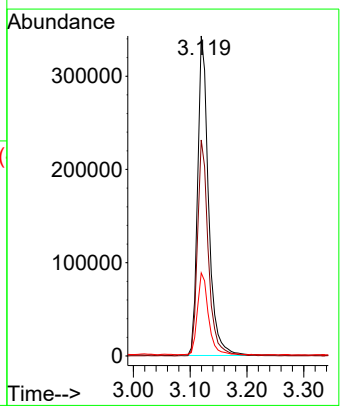
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

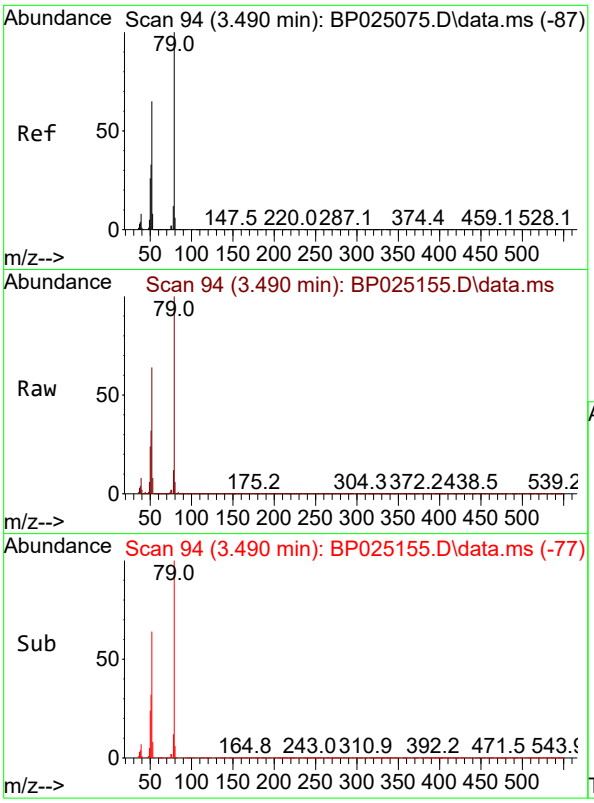


#2
1,4-Dioxane
Concen: 37.074 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 88 Resp: 459705

Ion	Ratio	Lower	Upper
88	100		
58	67.2	55.0	82.4
43	26.0	21.9	32.9

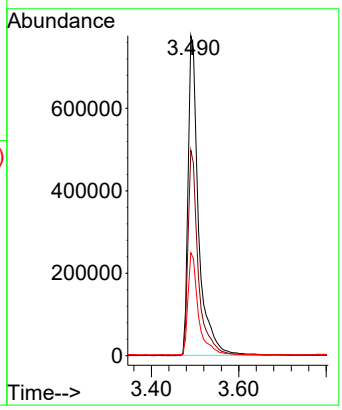




#3
Pyridine
Concen: 38.154 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 79 Resp: 129521

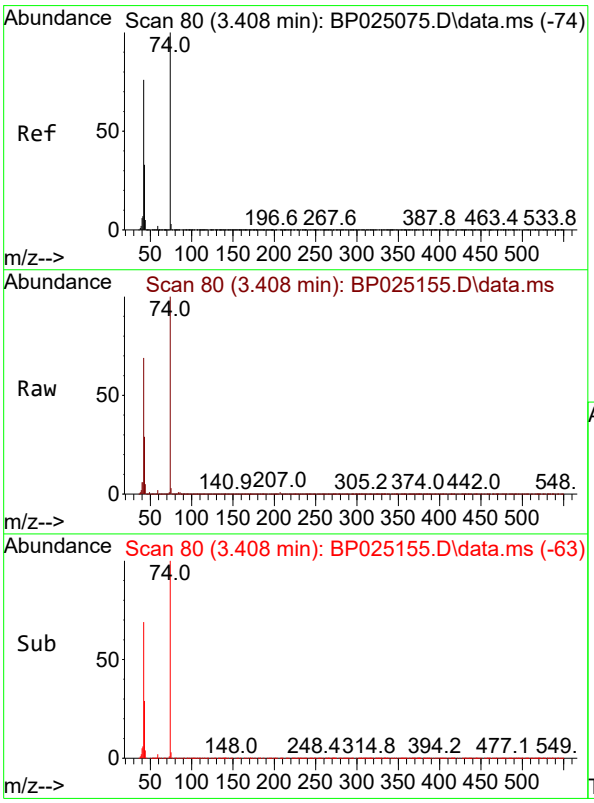
Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.2	78.4
51	32.2	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

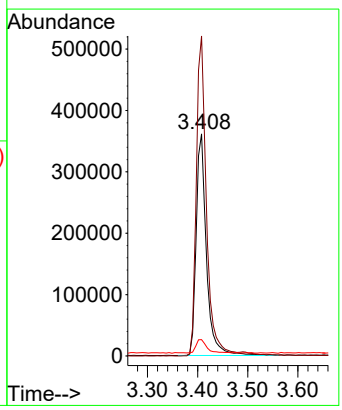
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

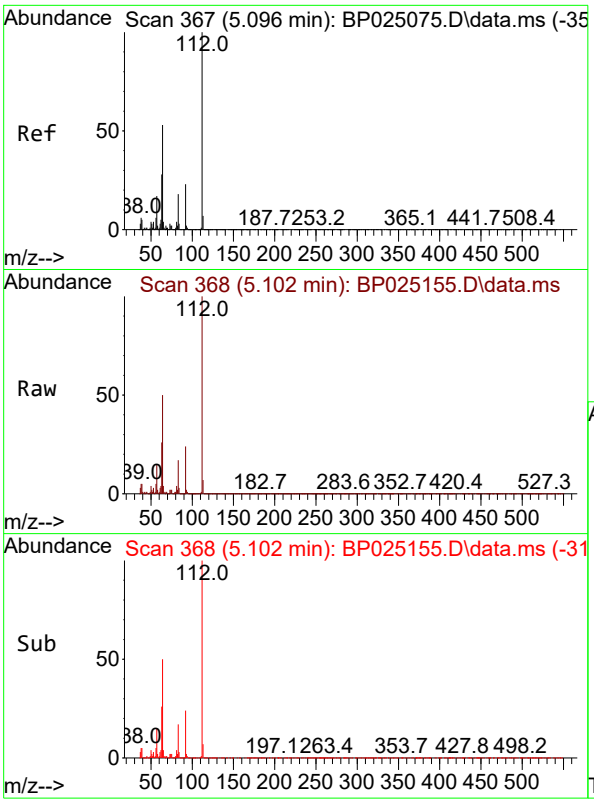


#4
n-Nitrosodimethylamine
Concen: 35.626 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 42 Resp: 512069

Ion	Ratio	Lower	Upper
42	100		
74	144.0	105.2	157.8
44	7.4	6.6	9.8

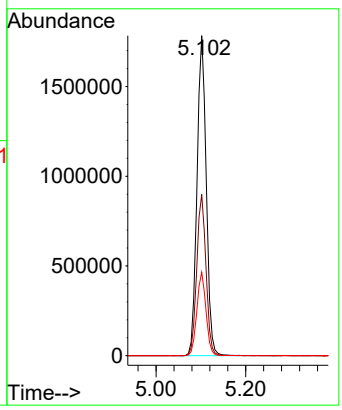




#5
2-Fluorophenol
Concen: 79.902 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:112 Resp: 254788

Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.0	63.0
63	26.1	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
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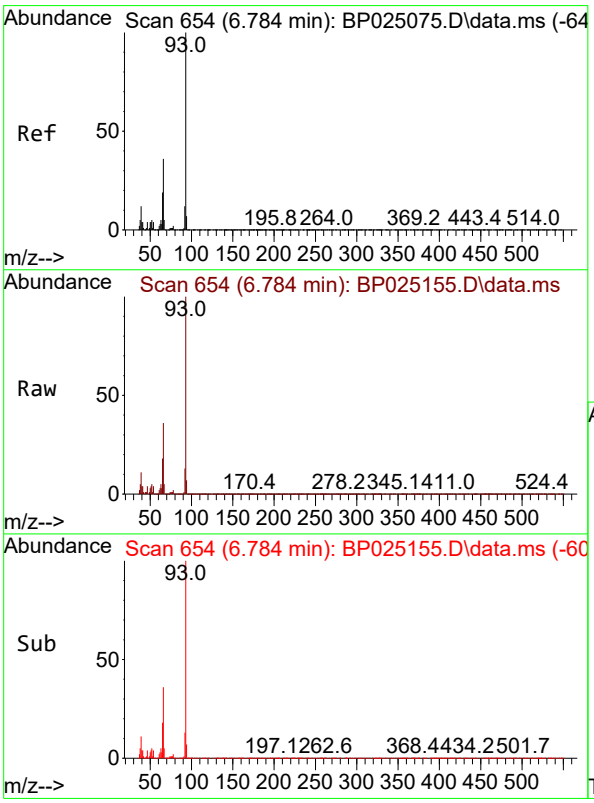
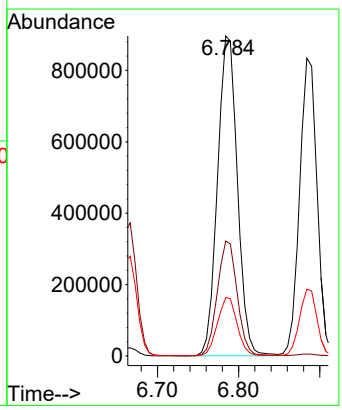
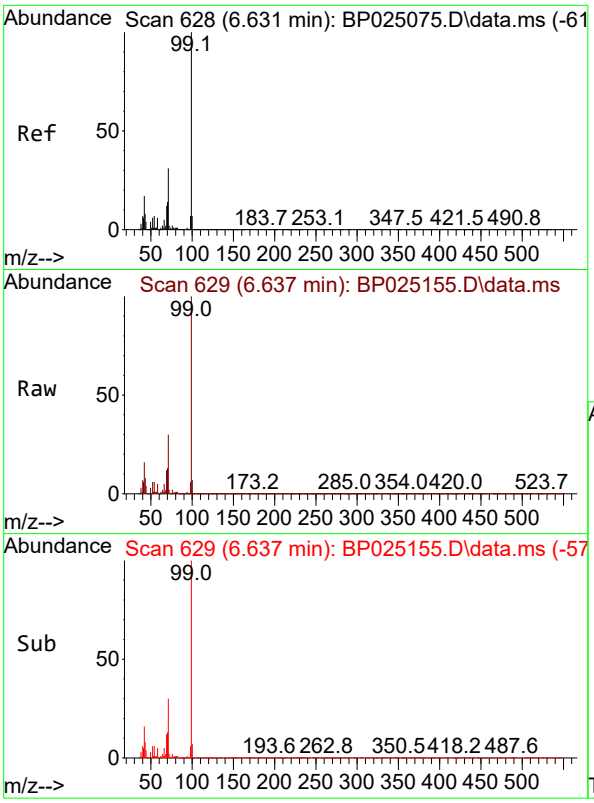


#6
Aniline
Concen: 39.303 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 93 Resp: 1528083

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.9	43.3
65	18.3	15.2	22.8

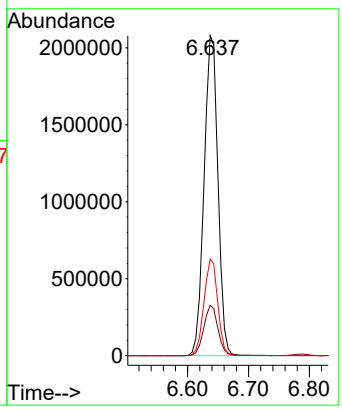




#7
Phenol-d6
Concen: 79.090 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 99 Resp: 329115

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	30.1	24.4	36.6



Instrument :
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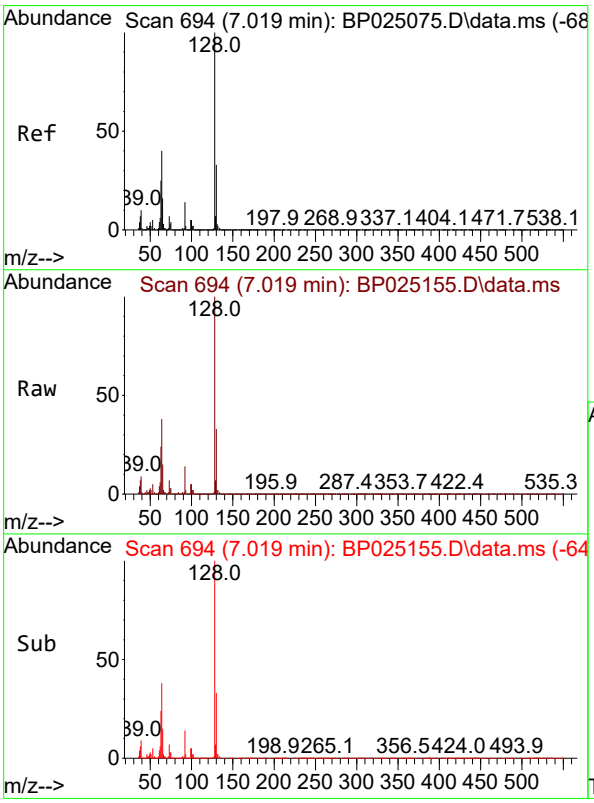
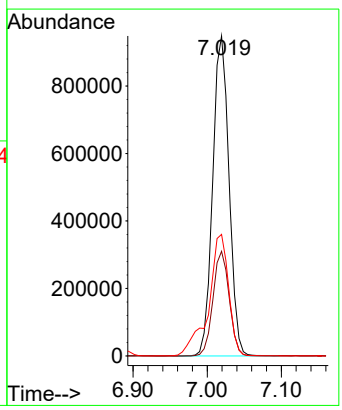
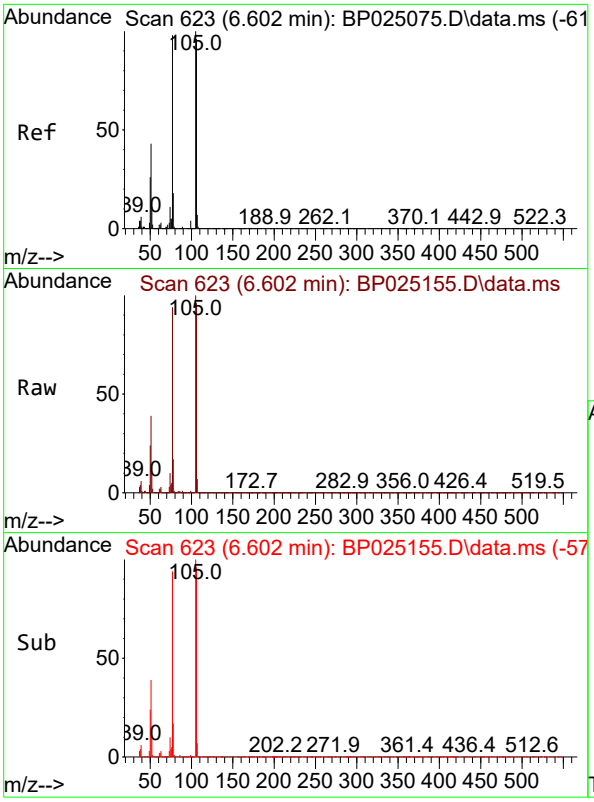


#8
2-Chlorophenol
Concen: 40.568 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:128 Resp: 1447361

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	38.0	20.3	60.3

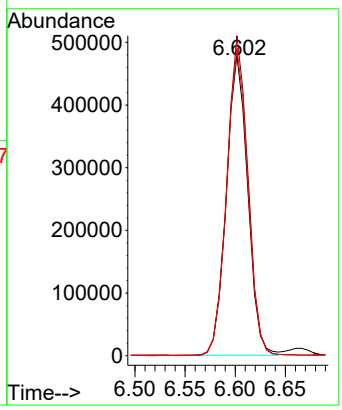




#9
Benzaldehyde
Concen: 32.488 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 77 Resp: 70602

Ion	Ratio	Lower	Upper
77	100		
105	106.7	82.4	122.4
106	102.6	78.3	118.3



Instrument :
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ClientSampleId :
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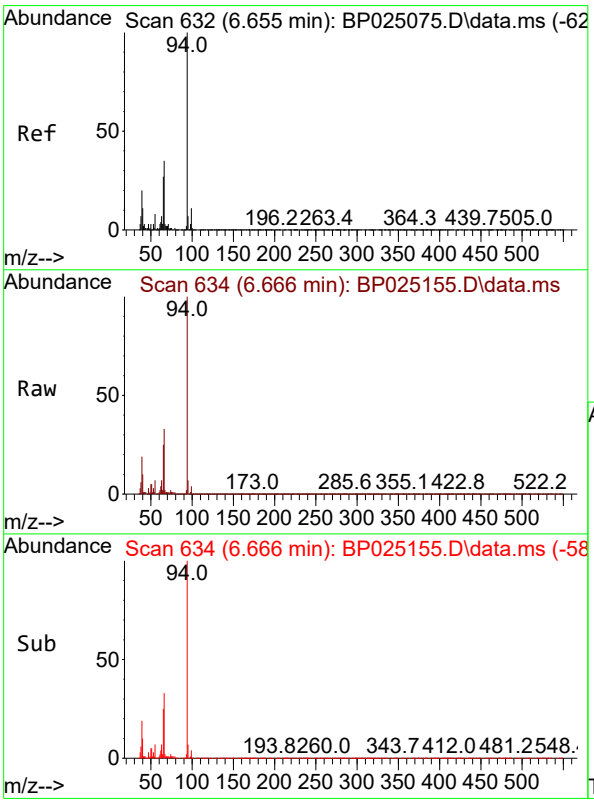
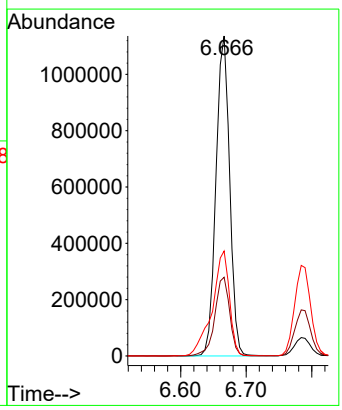
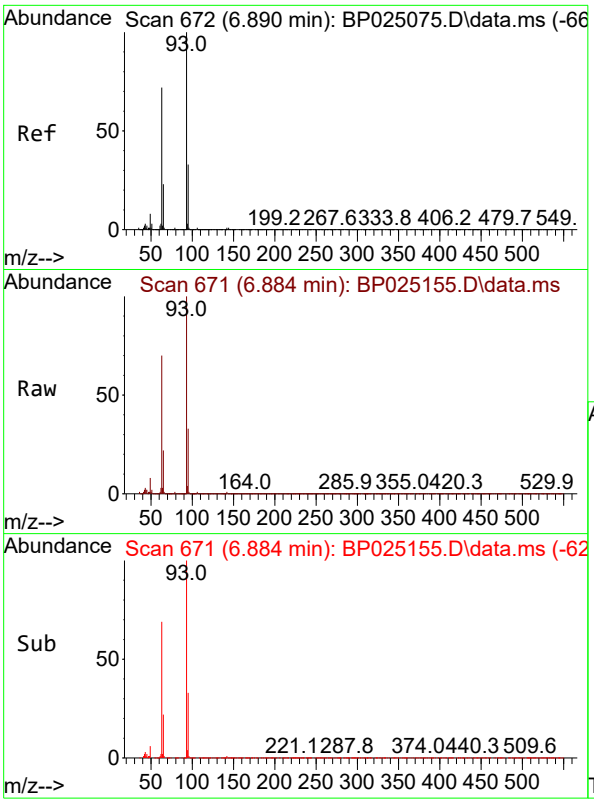


#10
Phenol
Concen: 38.780 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 94 Resp: 1639681

Ion	Ratio	Lower	Upper
94	100		
65	24.6	6.9	46.9
66	32.8	14.6	54.6

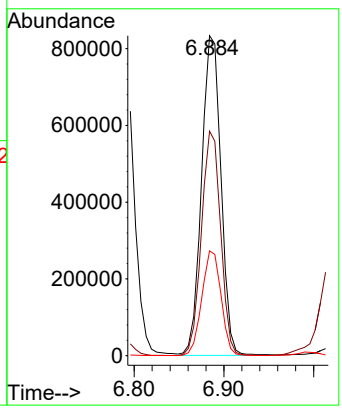




#11
bis(2-Chloroethyl)ether
Concen: 38.418 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 93 Resp: 125012

Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.9	91.9
95	32.7	12.4	52.4



Instrument :
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ClientSampleId :
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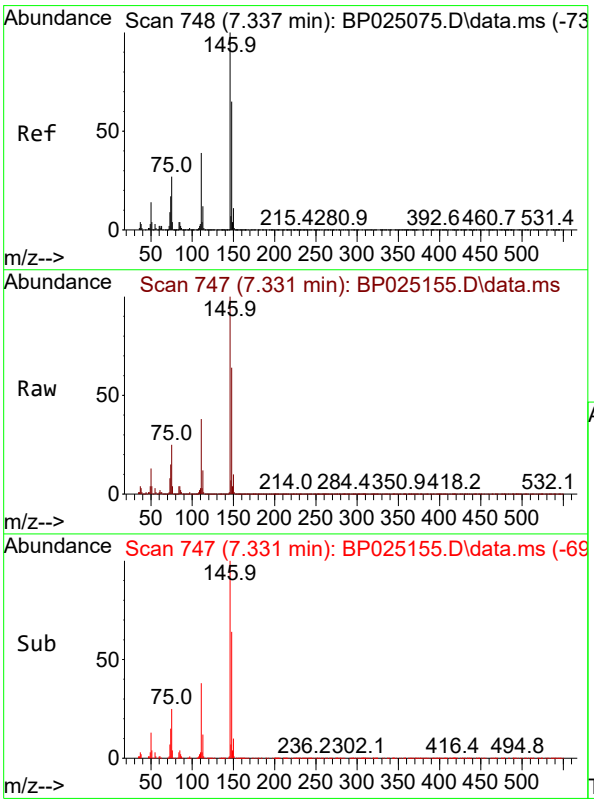
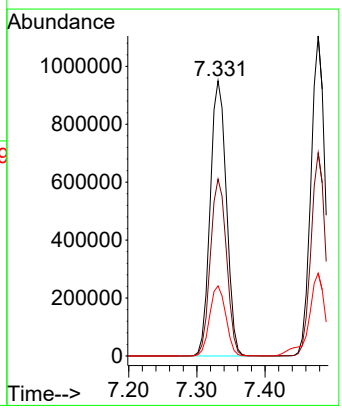
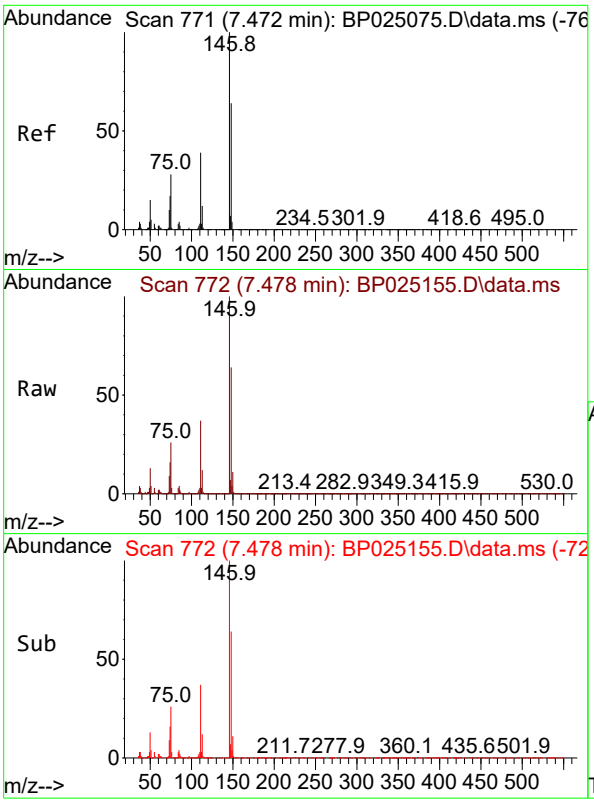


#12
1,3-Dichlorobenzene
Concen: 39.280 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:146 Resp: 1568447

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
75	25.5	21.8	32.6

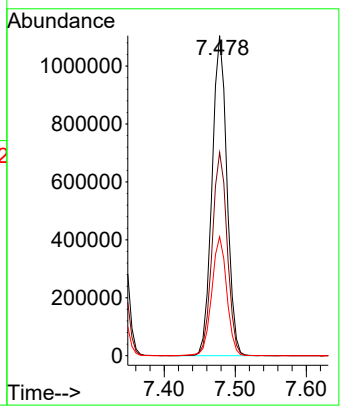




#13
1,4-Dichlorobenzene
Concen: 39.630 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:146 Resp: 160213

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	37.1	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
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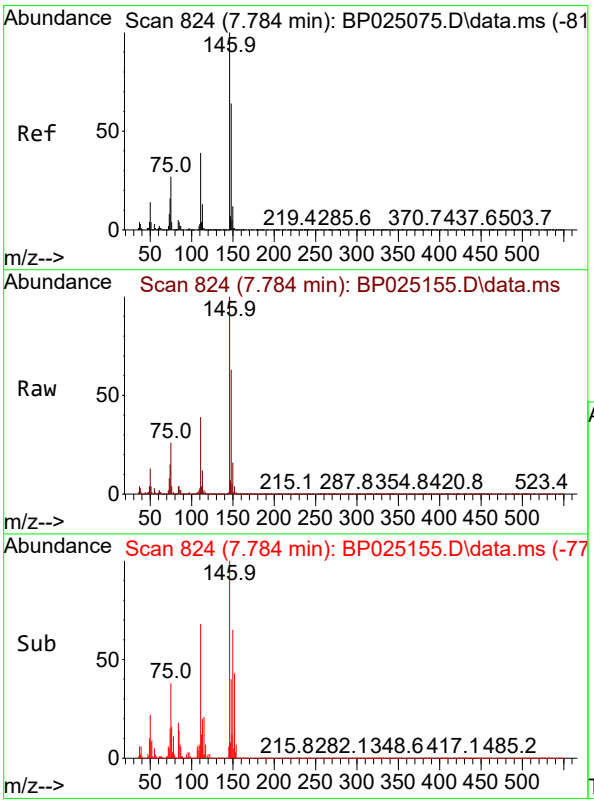
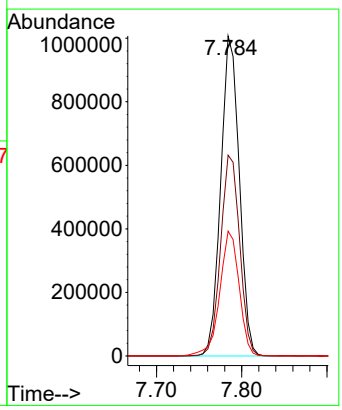
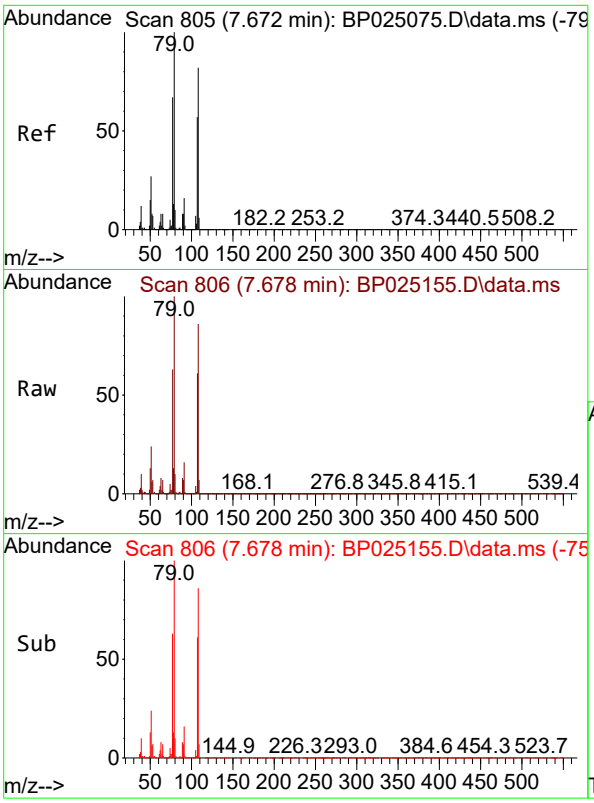


#14
1,2-Dichlorobenzene
Concen: 39.152 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:146 Resp: 1522581

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	39.0	31.2	46.8

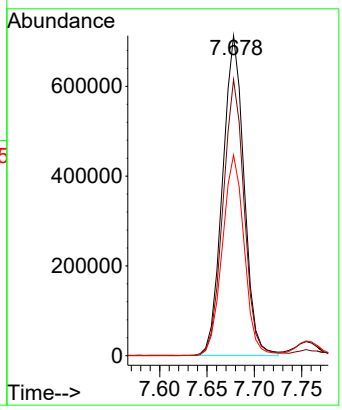




#15
Benzyl Alcohol
Concen: 40.592 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 79 Resp: 112739

Ion	Ratio	Lower	Upper
79	100		
108	86.3	66.0	99.0
77	62.7	53.4	80.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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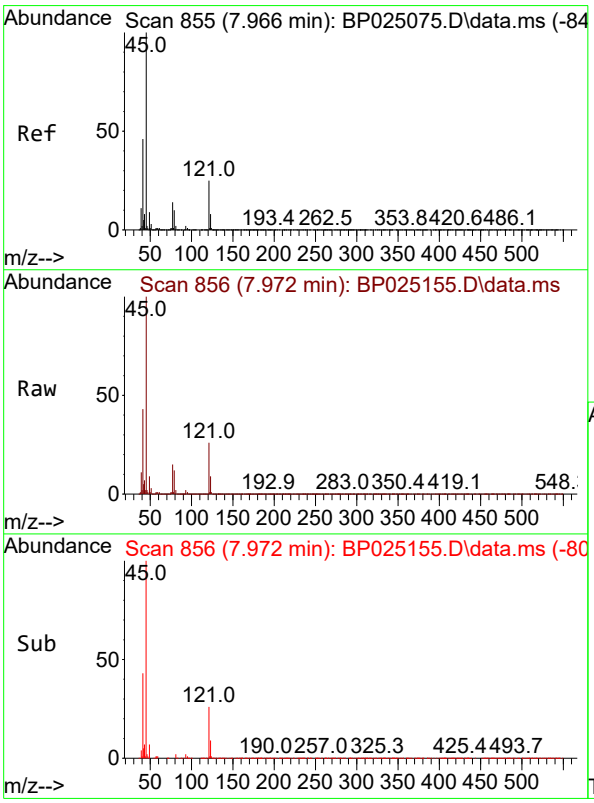
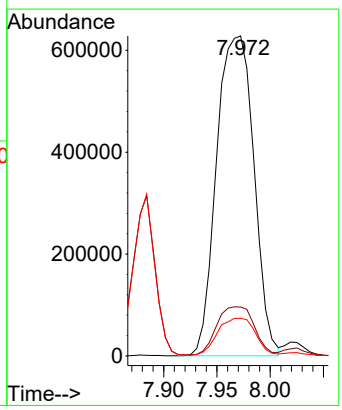
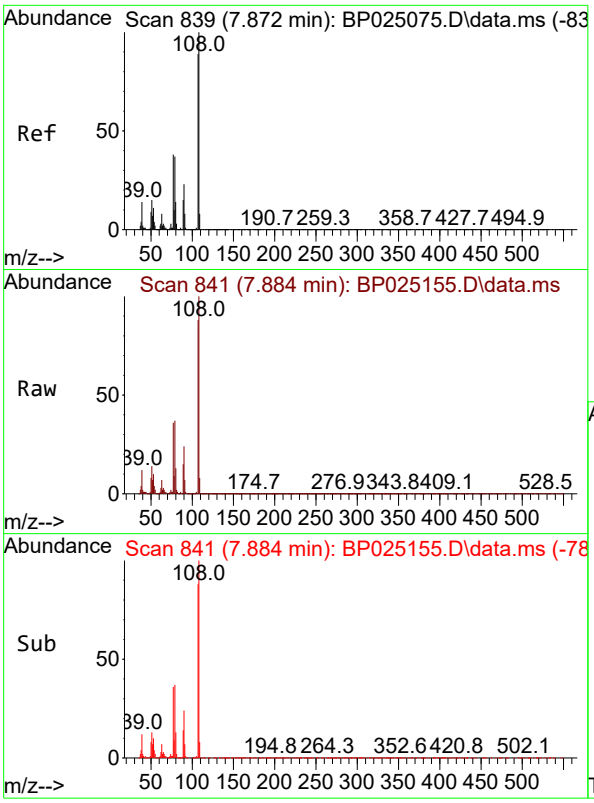


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.122 ng
RT: 7.972 min Scan# 856
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 45 Resp: 1528381

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.8
79	11.8	0.0	30.7

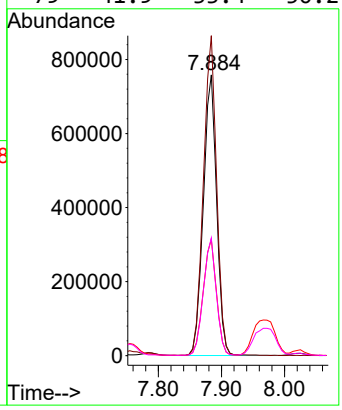




#17
2-Methylphenol
Concen: 40.646 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:107 Resp: 110704

Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.7	134.5
77	41.4	34.2	51.4
79	41.9	33.4	50.2



Instrument :
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ClientSampleId :
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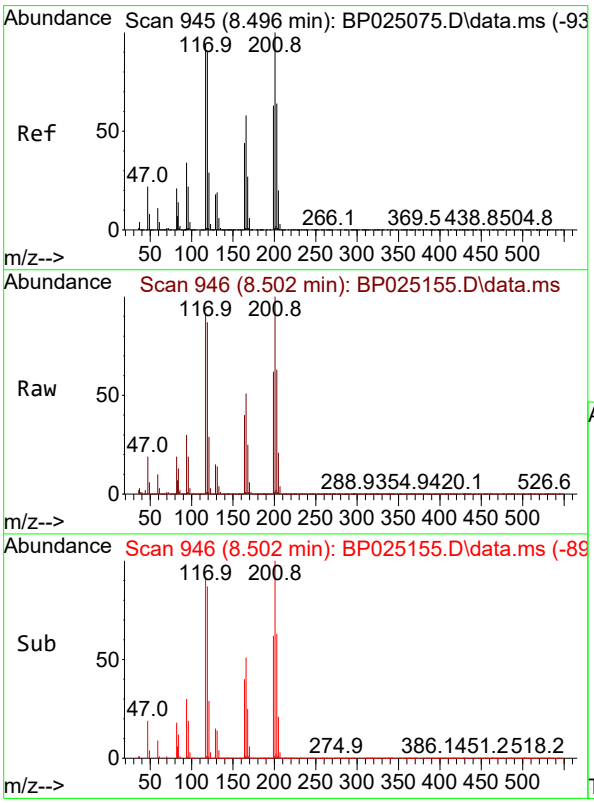
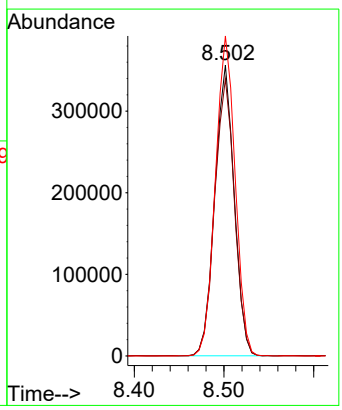
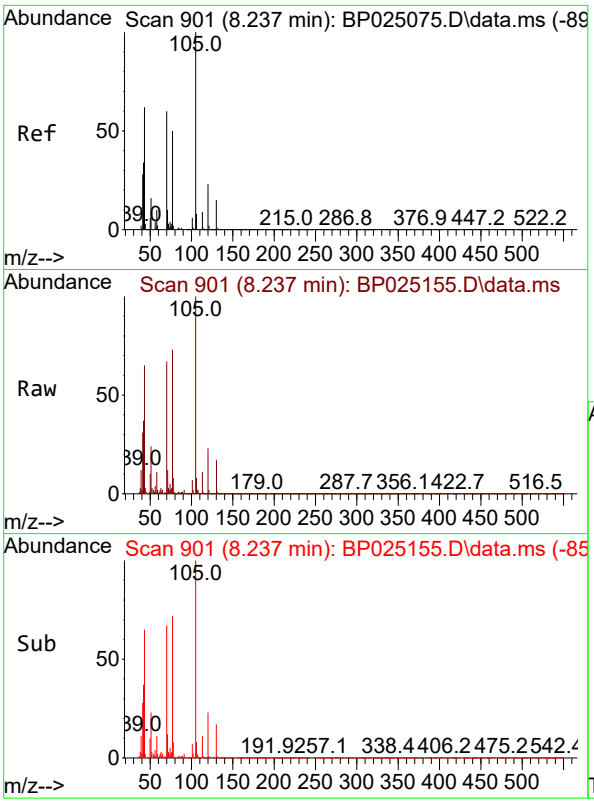


#18
Hexachloroethane
Concen: 40.630 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:117 Resp: 535091

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	115.0
201	110.0	85.4	128.2

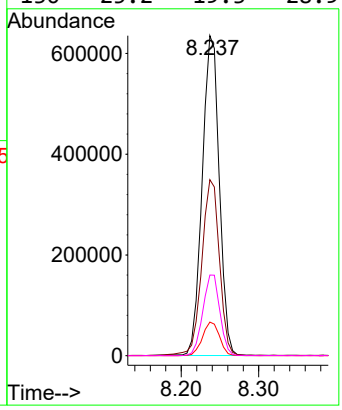




#19
n-Nitroso-di-n-propylamine
Concen: 39.280 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 70 Resp: 96936(

Ion	Ratio	Lower	Upper
70	100		
42	55.0	46.5	69.7
101	10.5	7.9	11.9
130	25.2	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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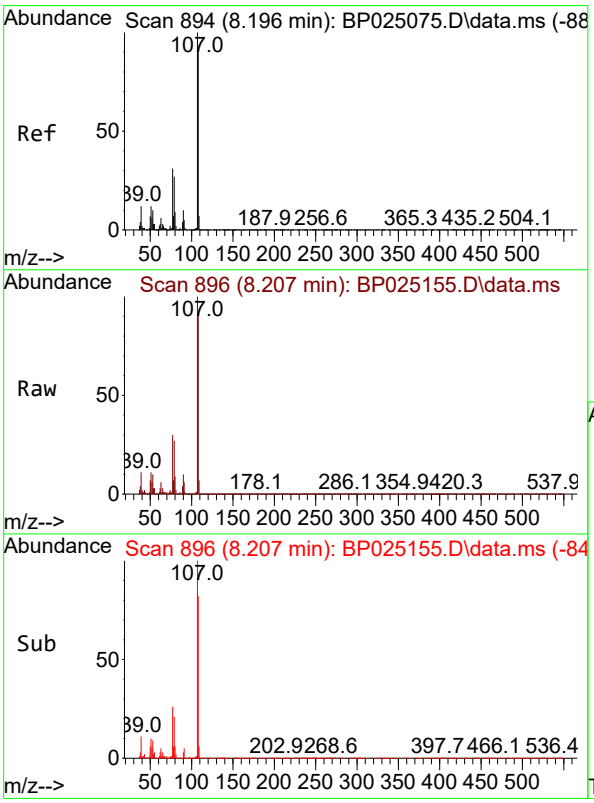
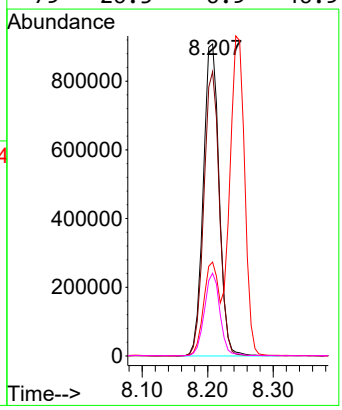
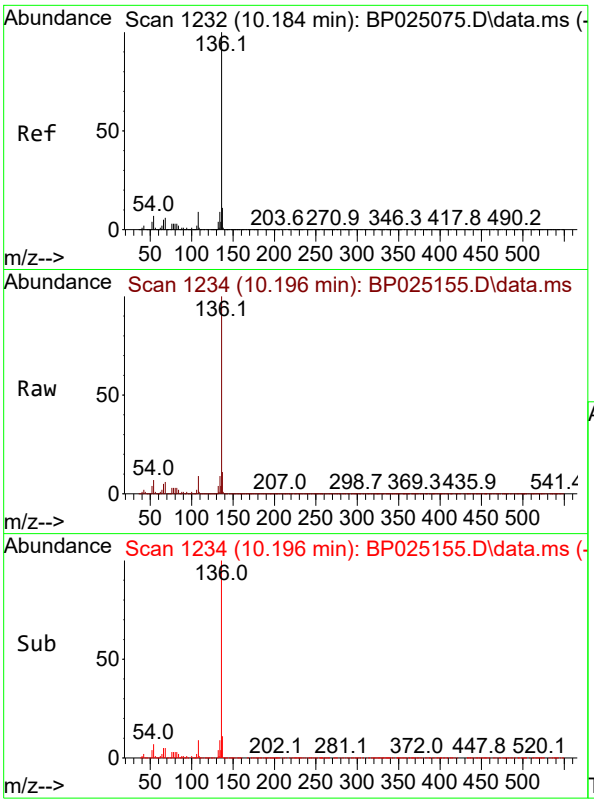


#20
3+4-Methylphenols
Concen: 40.071 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:107 Resp: 1528669

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.5	109.5
77	30.1	11.4	51.4
79	26.5	6.9	46.9

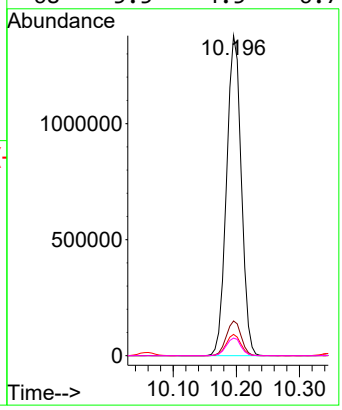




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:136 Resp: 223757

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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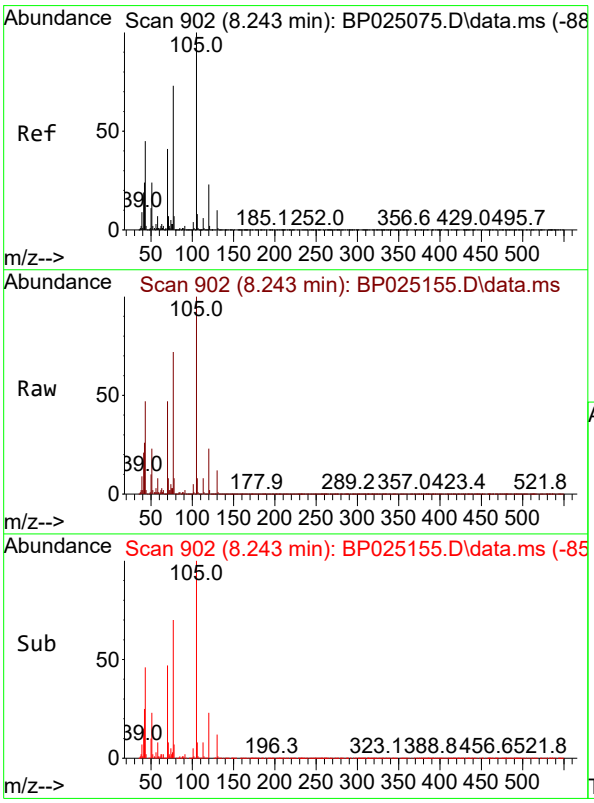
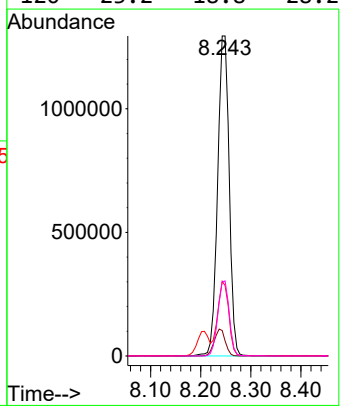
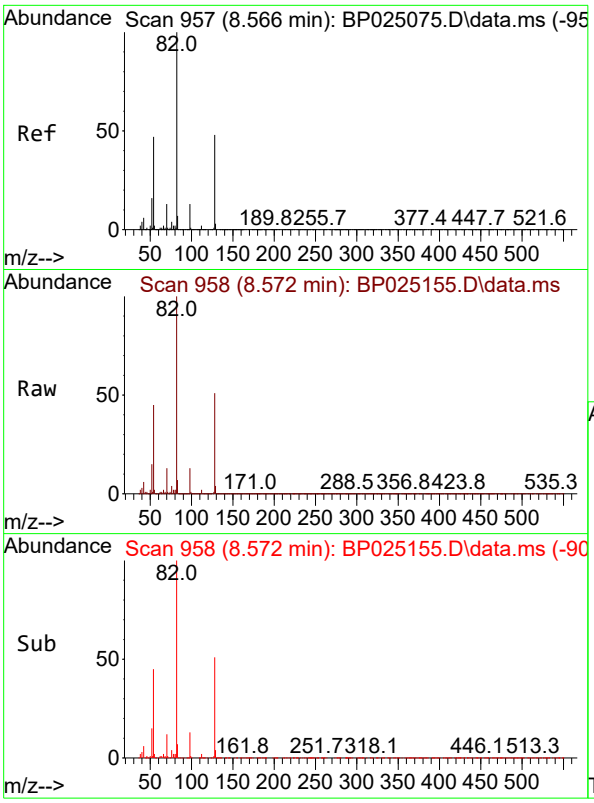


#22
Acetophenone
Concen: 39.045 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:105 Resp: 2066167

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	23.4	19.6	29.4
120	23.2	18.8	28.2





#23
Nitrobenzene-d5
Concen: 83.838 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 82 Resp: 282076

Ion	Ratio	Lower	Upper
82	100		
128	51.5	38.4	57.6
54	44.9	37.8	56.6

Instrument :
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ClientSampleId :
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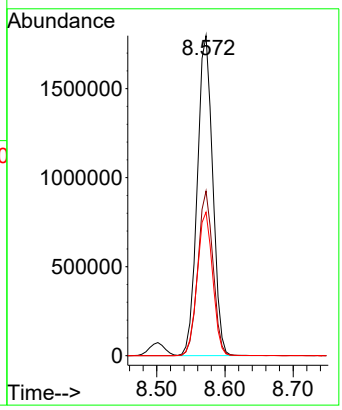
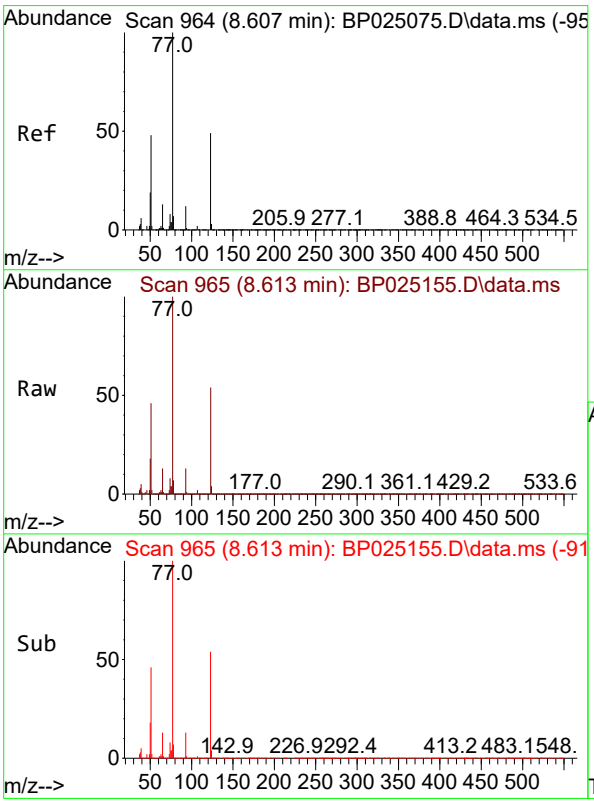
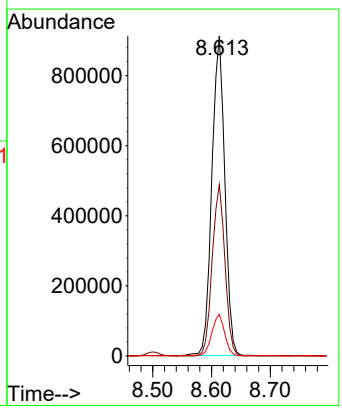


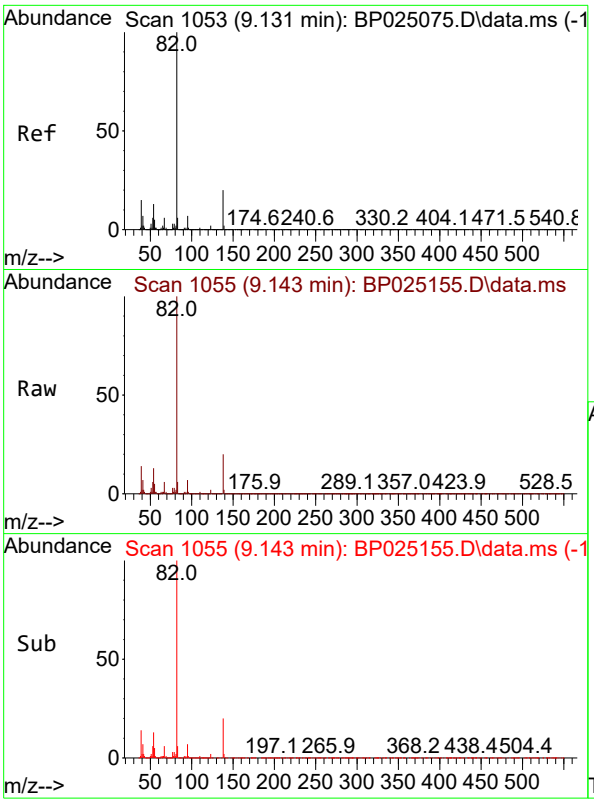


#24
Nitrobenzene
Concen: 40.716 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 77 Resp: 1395349

Ion	Ratio	Lower	Upper
77	100		
123	53.6	39.0	58.6
65	13.0	10.7	16.1

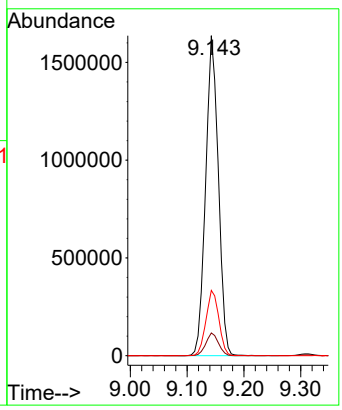




#25
Isophorone
Concen: 40.280 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 82 Resp: 253266

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.4	15.7	23.5



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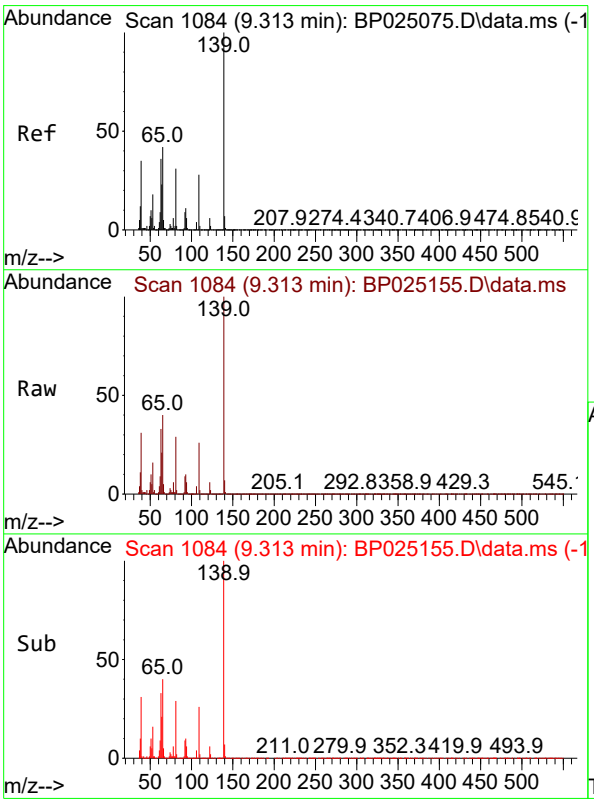
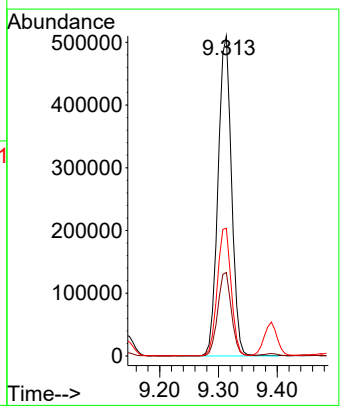
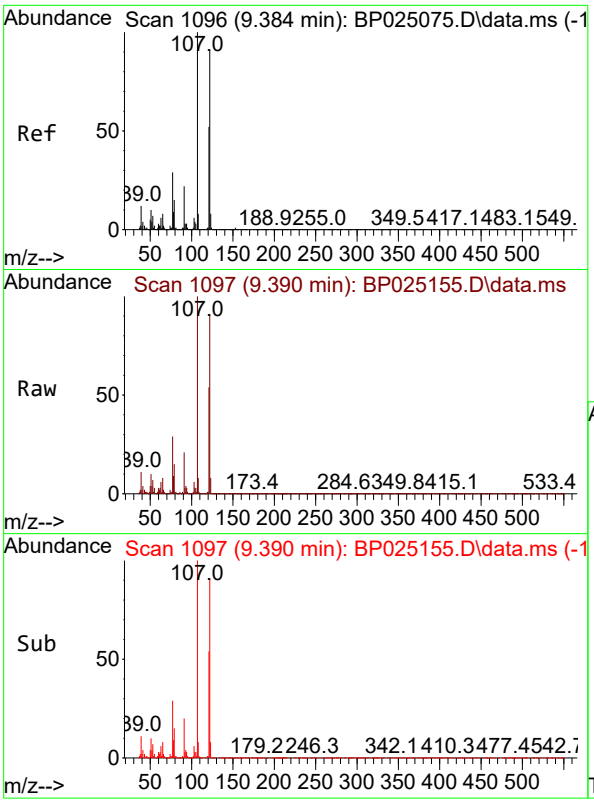


#26
2-Nitrophenol
Concen: 48.687 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:139 Resp: 810527

Ion	Ratio	Lower	Upper
139	100		
109	26.1	22.3	33.5
65	39.9	33.8	50.8

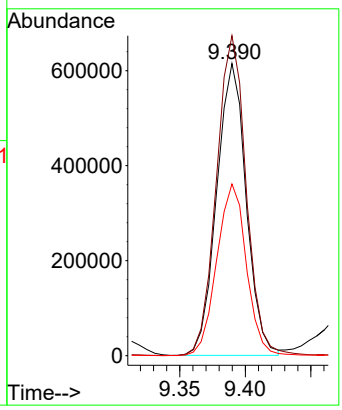




#27
2,4-Dimethylphenol
Concen: 40.971 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:122 Resp: 96095

Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.2	132.2
121	58.8	46.1	69.1



Instrument :
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ClientSampleId :
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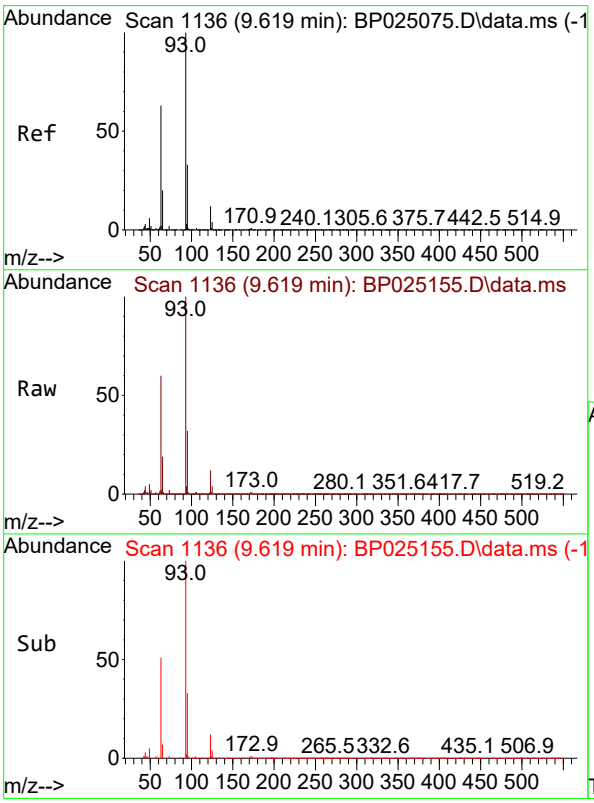
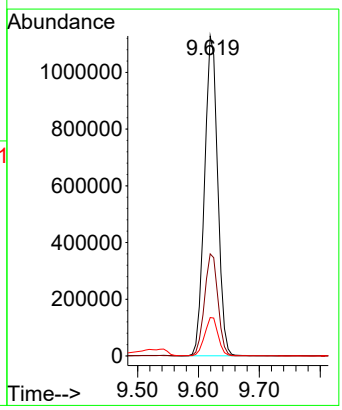
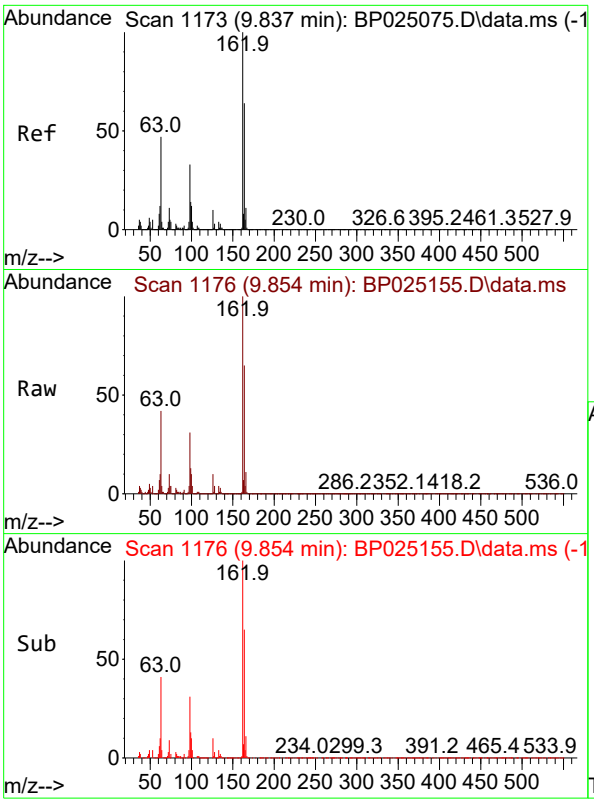


#28
bis(2-Chloroethoxy)methane
Concen: 39.712 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 93 Resp: 1695445

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	12.0	10.1	15.1

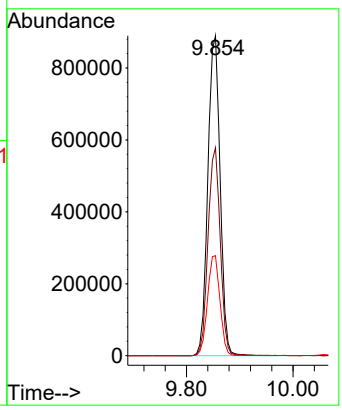




#29
2,4-Dichlorophenol
Concen: 43.726 ng
RT: 9.854 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:162 Resp: 142209

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	31.2	13.1	53.1



Instrument :
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ClientSampleId :
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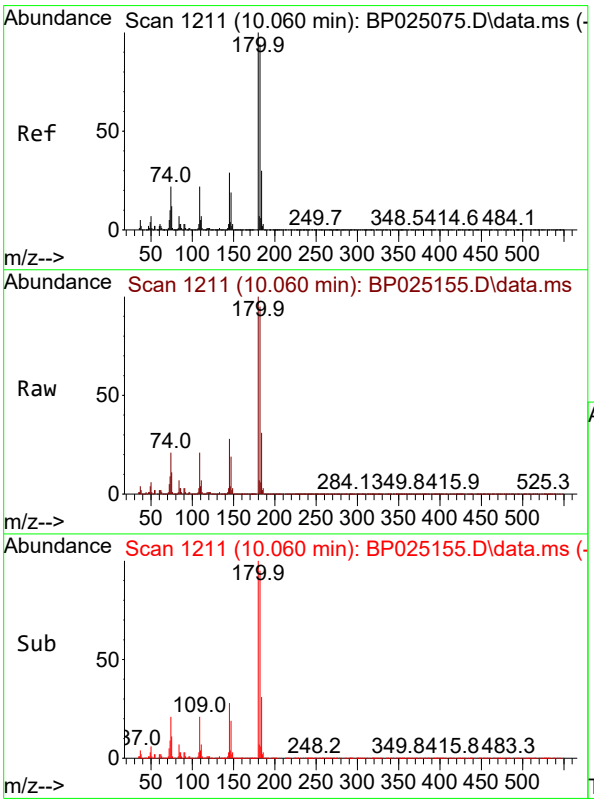
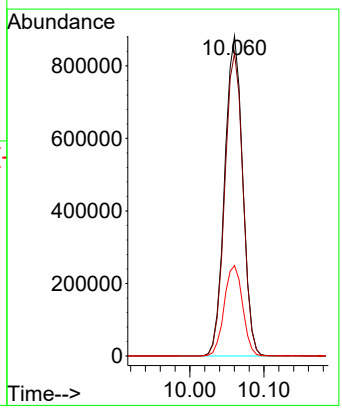
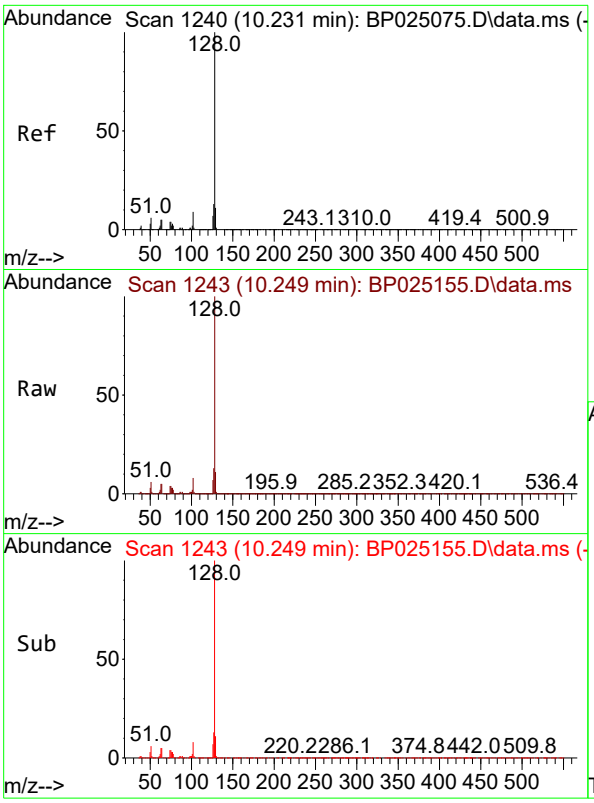


#30
1,2,4-Trichlorobenzene
Concen: 41.157 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:180 Resp: 1482294

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
145	28.2	23.3	34.9

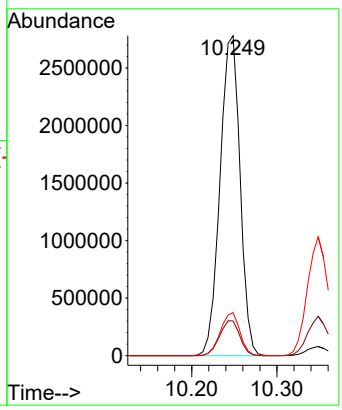




#31
Naphthalene
Concen: 39.315 ng
RT: 10.249 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:128 Resp: 452975

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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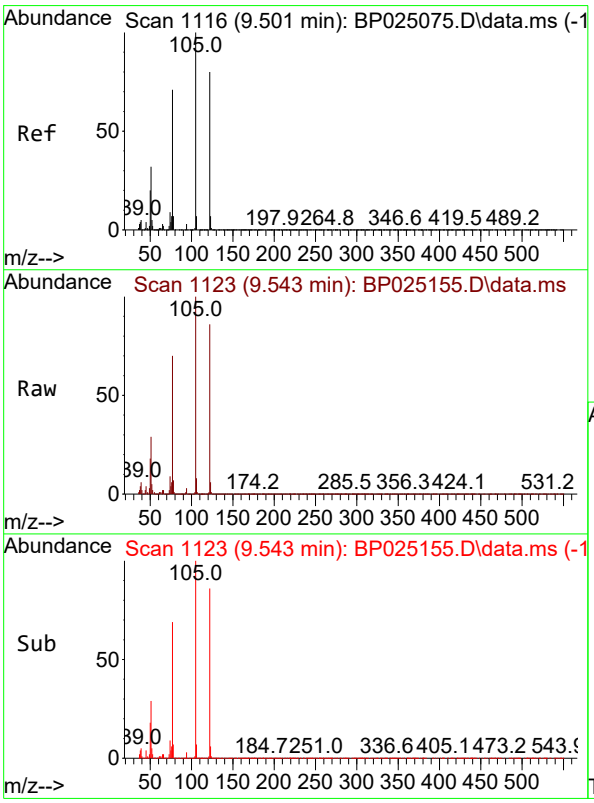
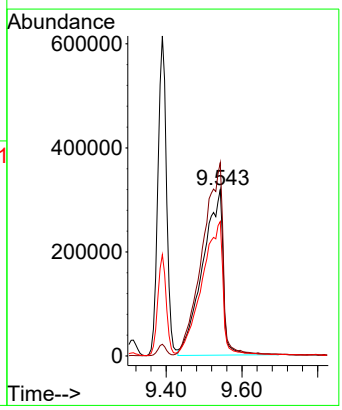
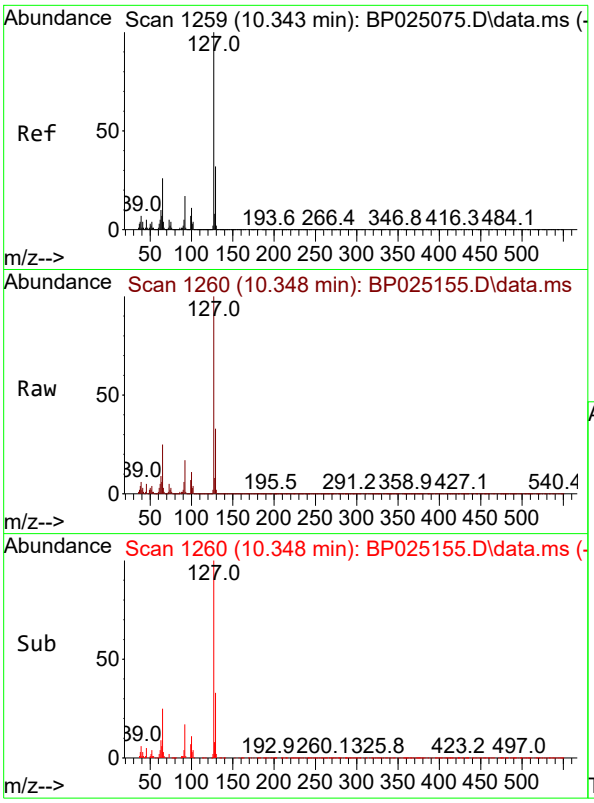


#32
Benzoic acid
Concen: 50.471 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.042 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:122 Resp: 1191237

Ion	Ratio	Lower	Upper
122	100		
105	116.1	101.0	141.0
77	80.7	67.6	107.6

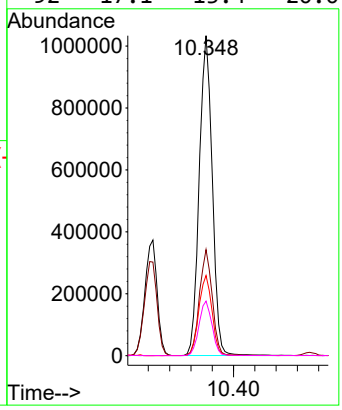




#33
4-Chloroaniline
Concen: 40.686 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:127 Resp: 174941

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	25.1	21.0	31.6
92	17.1	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
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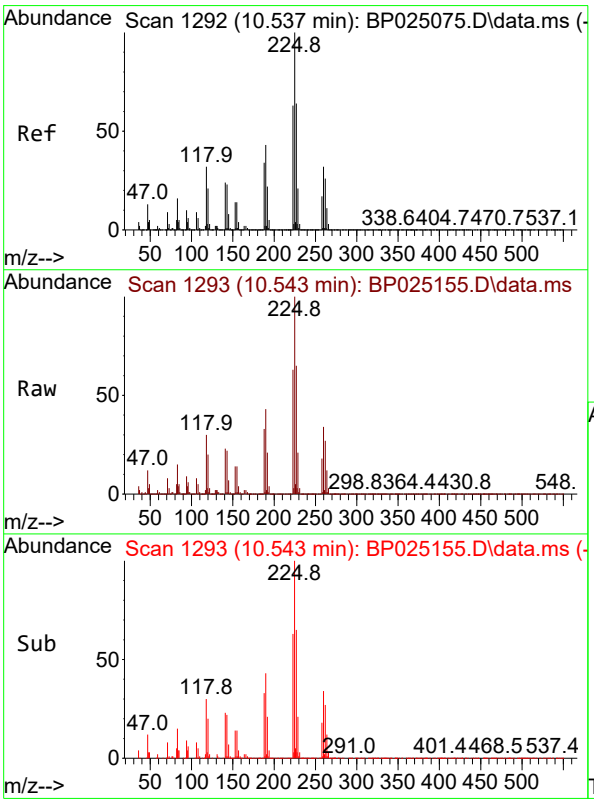
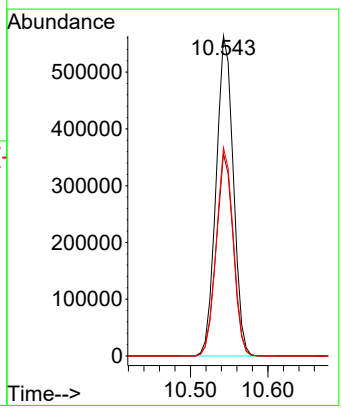
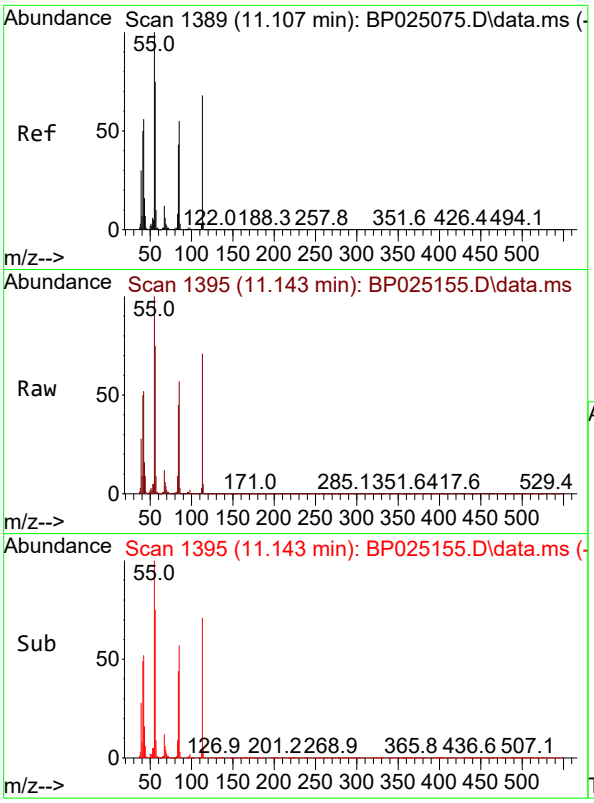


#34
Hexachlorobutadiene
Concen: 42.006 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:225 Resp: 868186

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	65.0	51.3	76.9

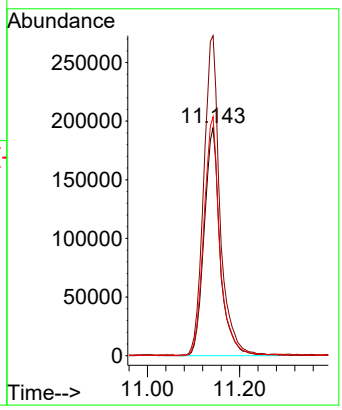




#35
Caprolactam
Concen: 42.071 ng
RT: 11.143 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:113 Resp: 46808

Ion	Ratio	Lower	Upper
113	100		
55	140.3	128.1	168.1
56	104.8	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
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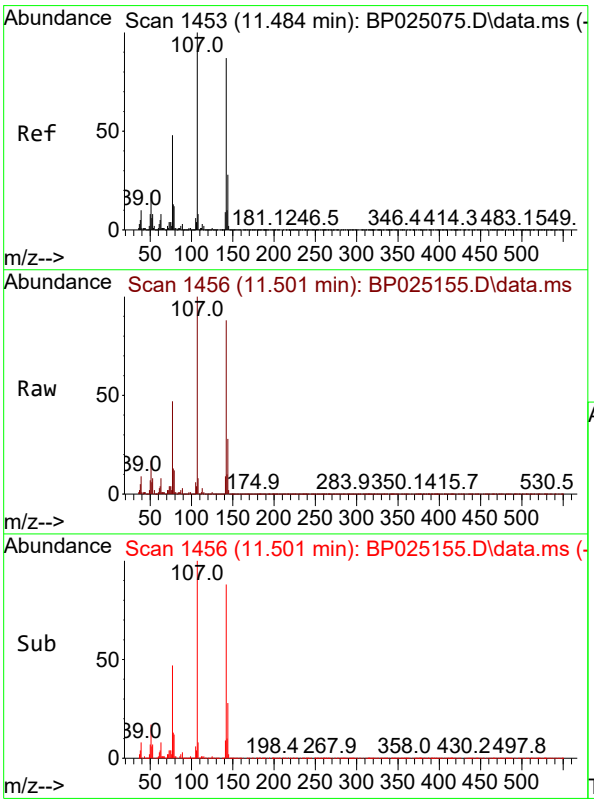
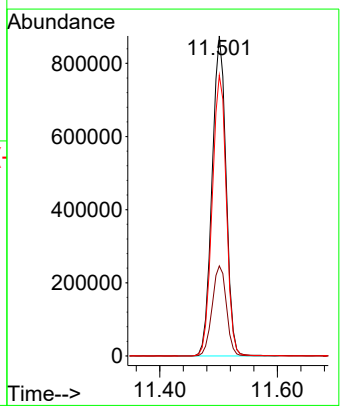
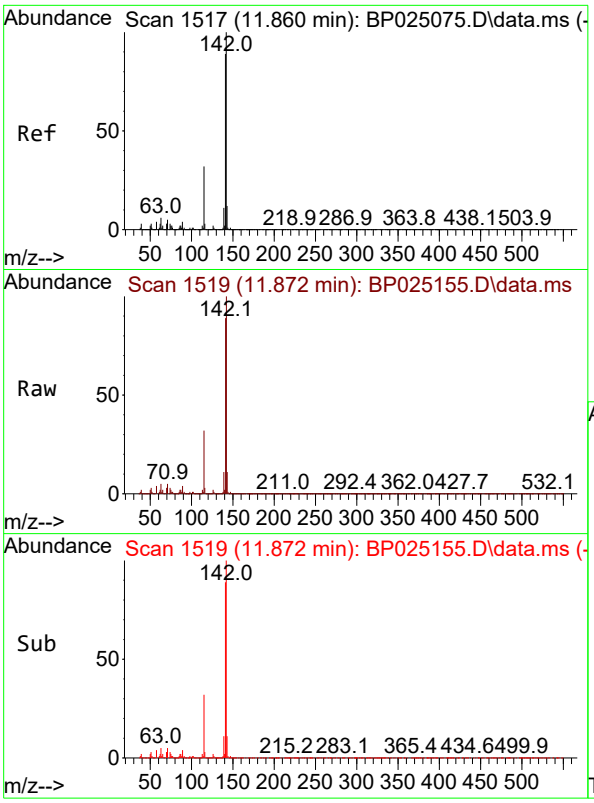


#36
4-Chloro-3-methylphenol
Concen: 42.541 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:107 Resp: 1445852

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	87.8	69.6	104.4

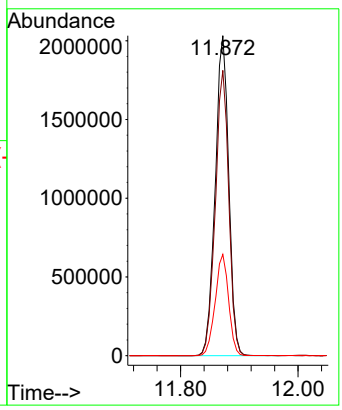




#37
2-Methylnaphthalene
Concen: 39.967 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:142 Resp: 324912

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	31.7	25.9	38.9



Instrument :
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ClientSampleId :
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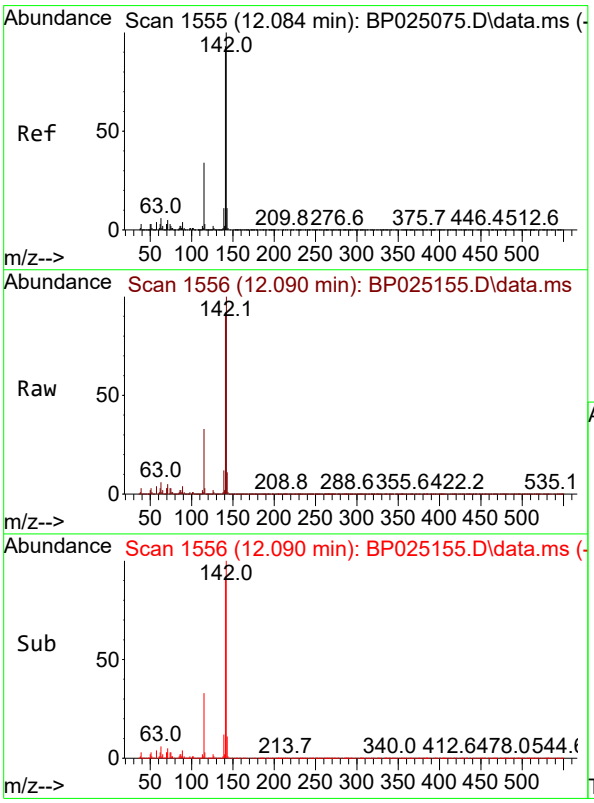
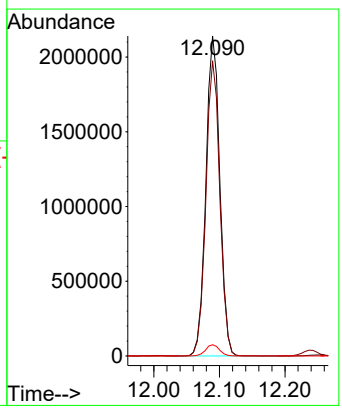
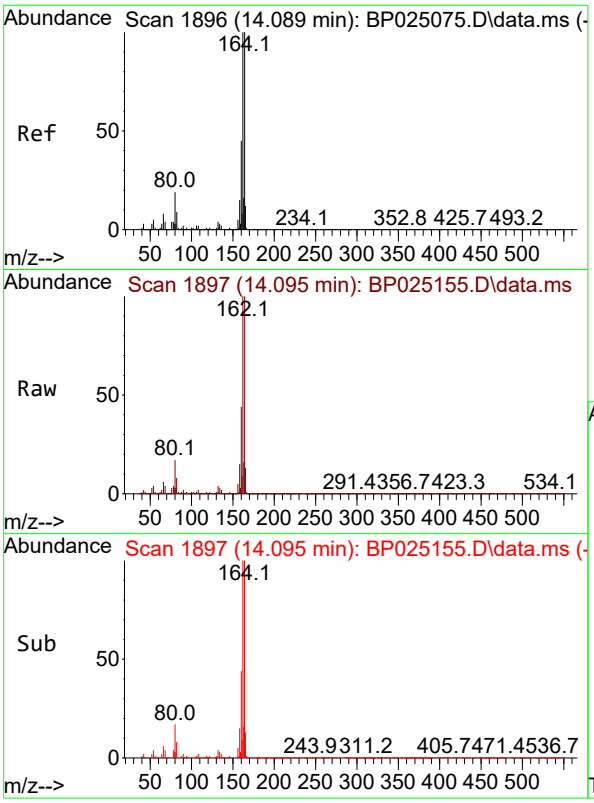


#38
1-Methylnaphthalene
Concen: 39.900 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:142 Resp: 3163495

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1
116	3.5	2.7	4.1

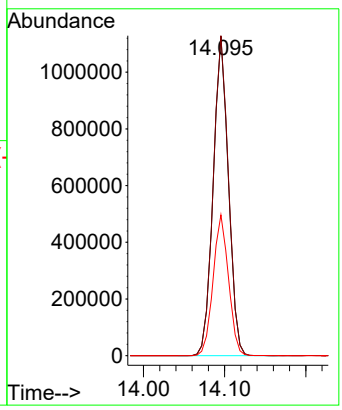




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:164 Resp: 146507

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.1	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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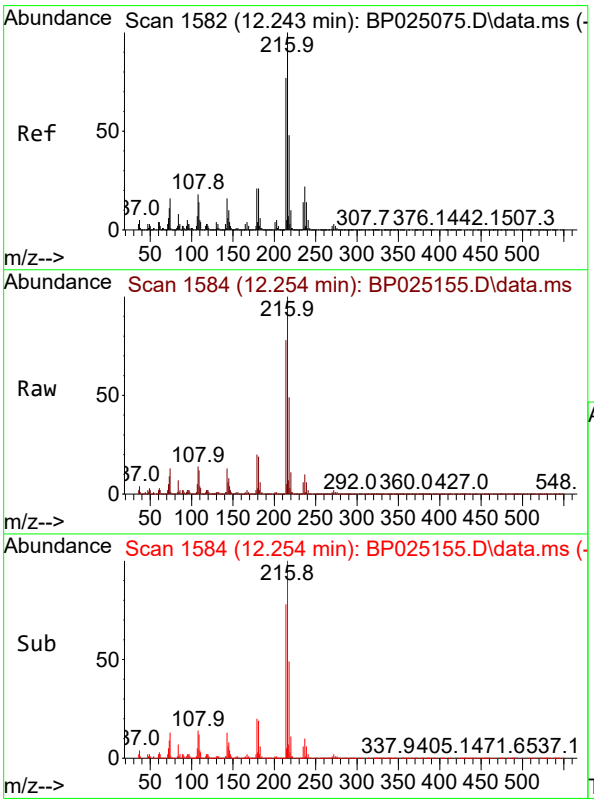
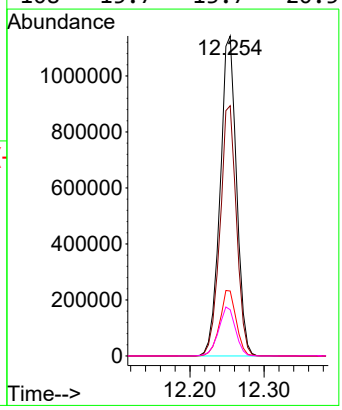
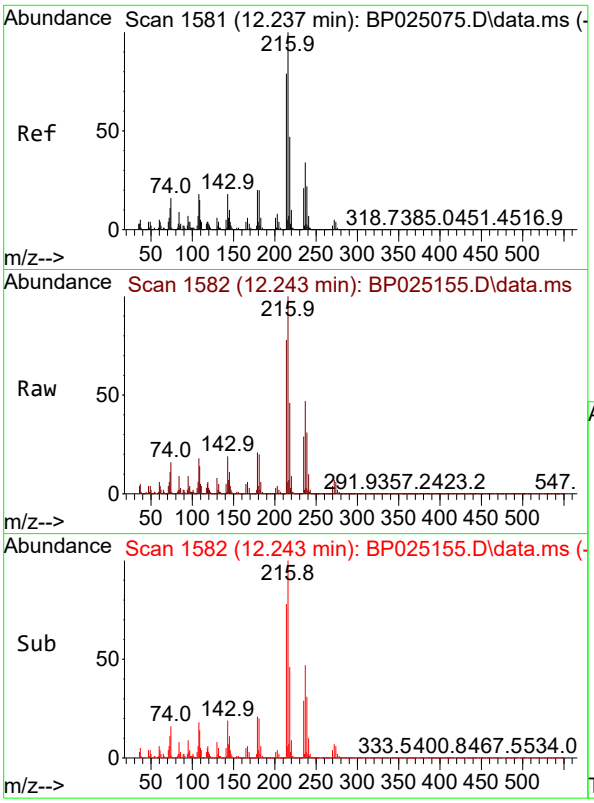


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.626 ng
RT: 12.254 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:216 Resp: 1752724

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	20.5	16.5	24.7
108	15.7	13.7	20.5

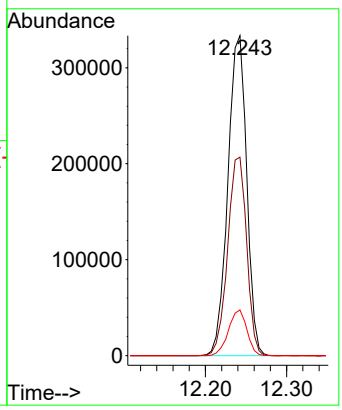




#41
Hexachlorocyclopentadiene
Concen: 48.784 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:237 Resp: 53654

Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.6	81.6
272	14.3	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
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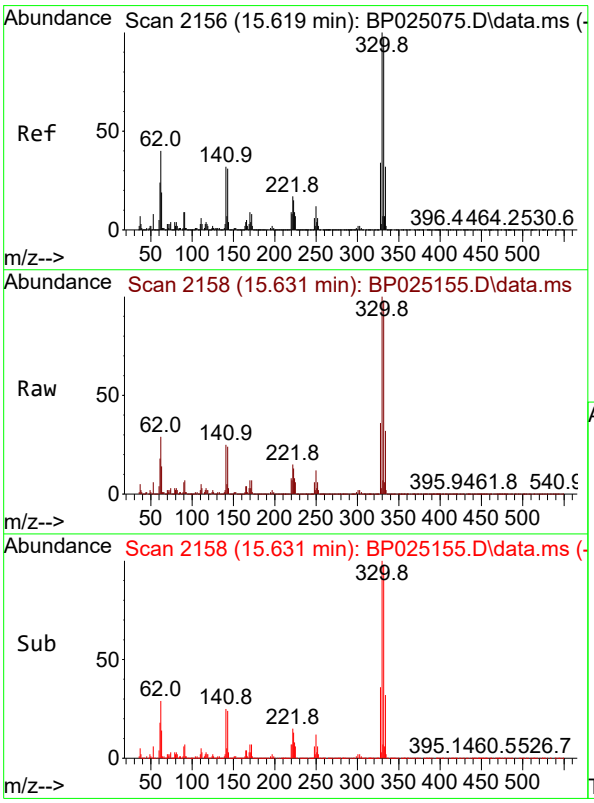
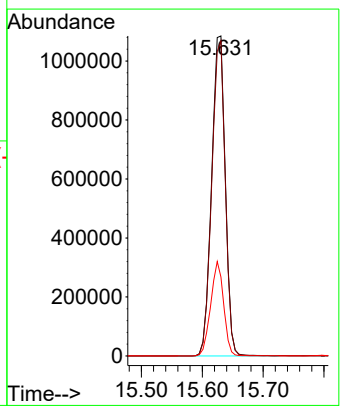
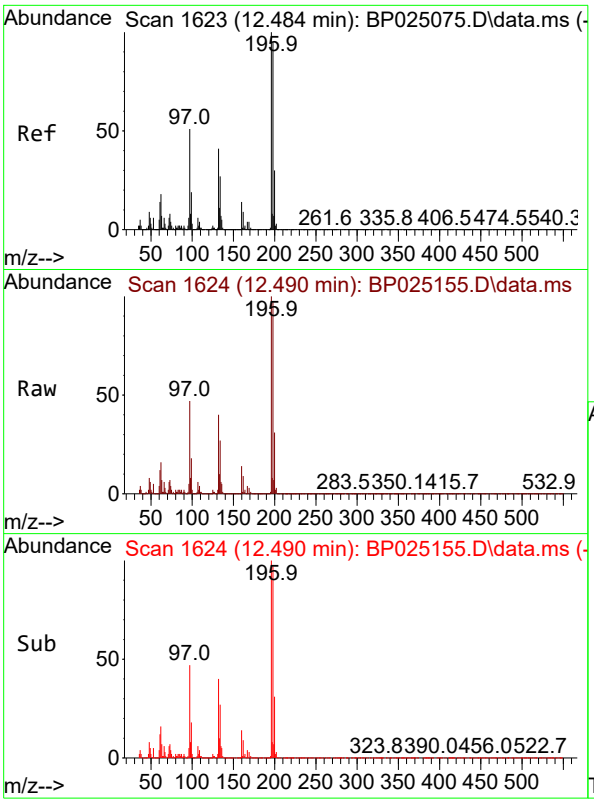


#42
2,4,6-Tribromophenol
Concen: 97.740 ng
RT: 15.631 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:330 Resp: 1691627

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	27.8	26.0	39.0

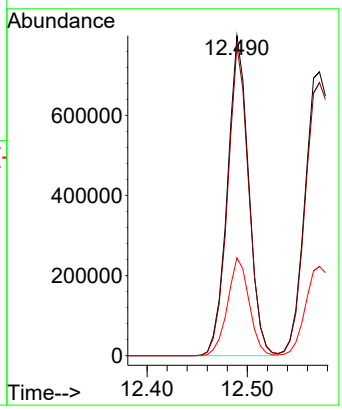




#43
2,4,6-Trichlorophenol
Concen: 46.244 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:196 Resp: 117902

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
200	30.6	24.3	36.5



Instrument :
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ClientSampleId :
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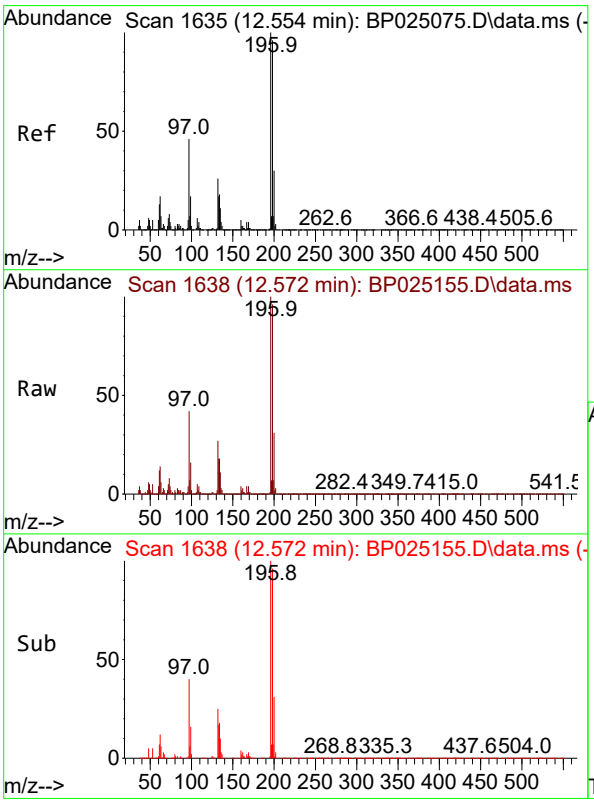
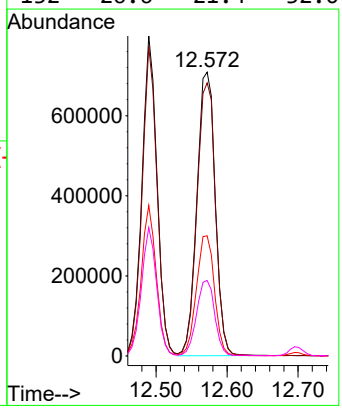
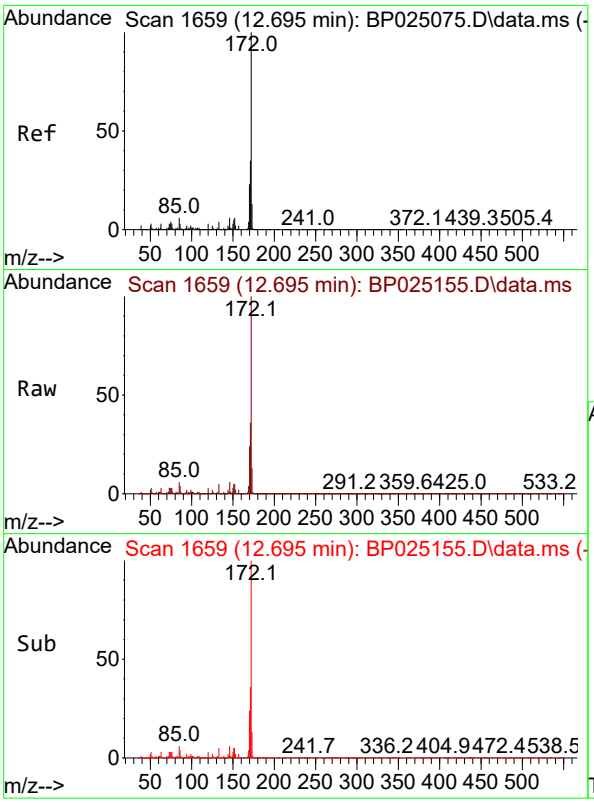


#44
2,4,5-Trichlorophenol
Concen: 44.191 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:196 Resp: 1276875

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	115.0
97	42.3	36.6	55.0
132	26.6	21.4	32.0

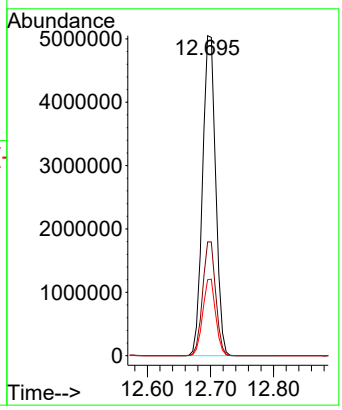




#45
2-Fluorobiphenyl
Concen: 77.043 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:172 Resp: 728608

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.8	18.7	28.1



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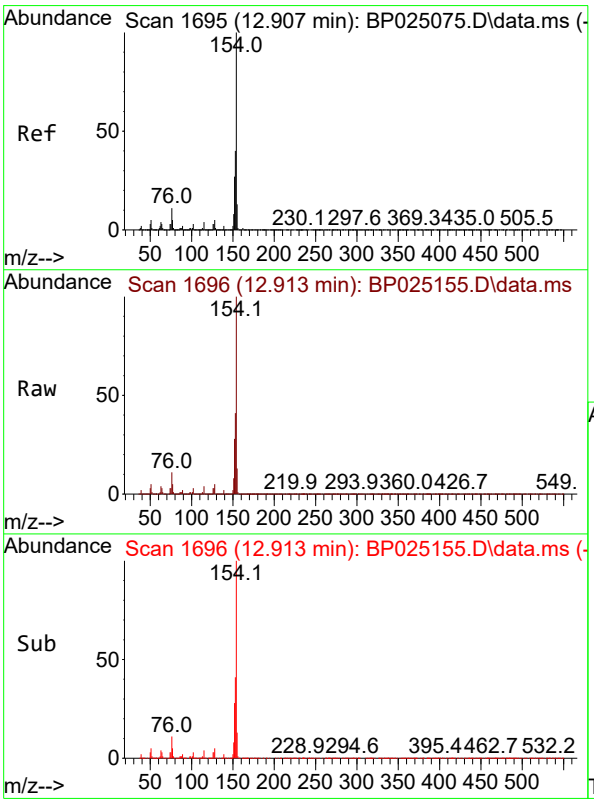
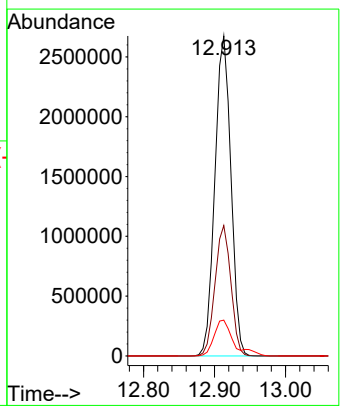
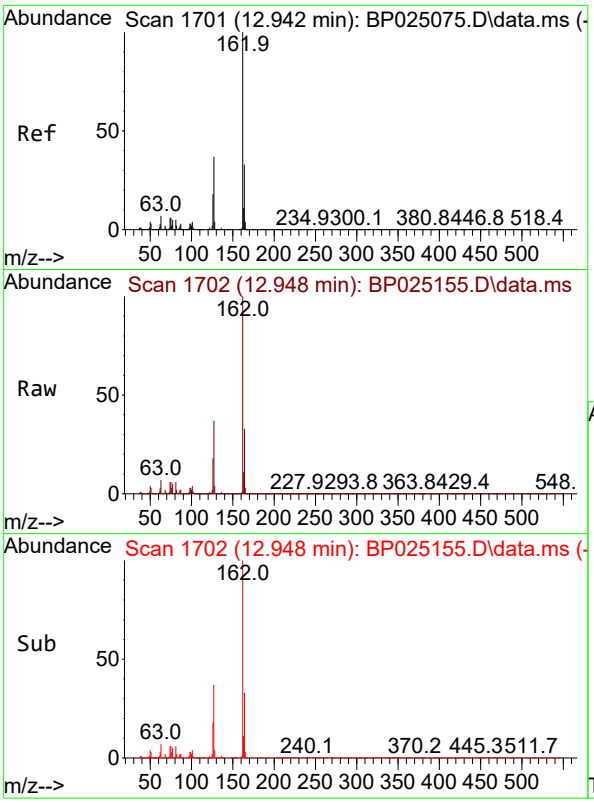


#46
1,1'-Biphenyl
Concen: 39.223 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:154 Resp: 4181055

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.2	60.2
76	11.2	0.0	31.5

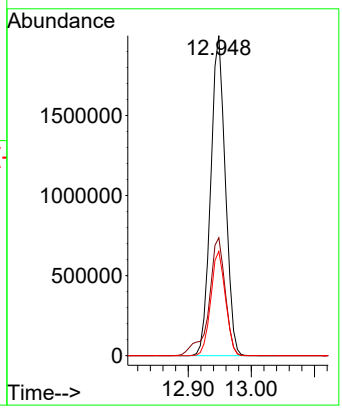




#47
2-Chloronaphthalene
Concen: 40.068 ng
RT: 12.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:162 Resp: 321023

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	32.6	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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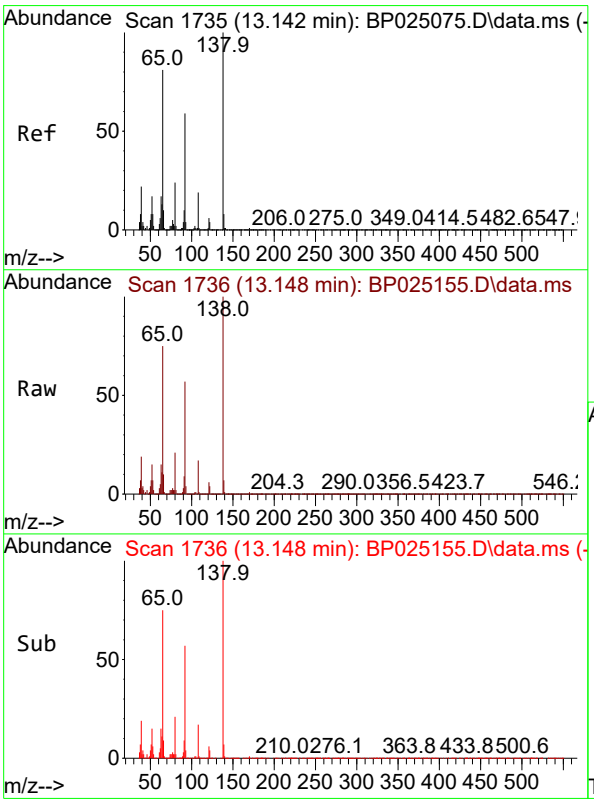
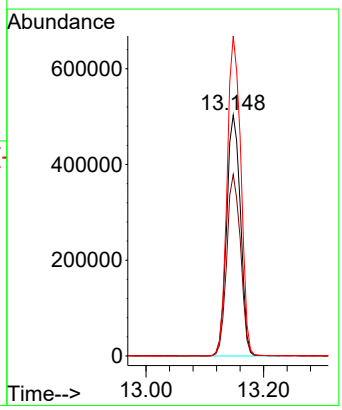
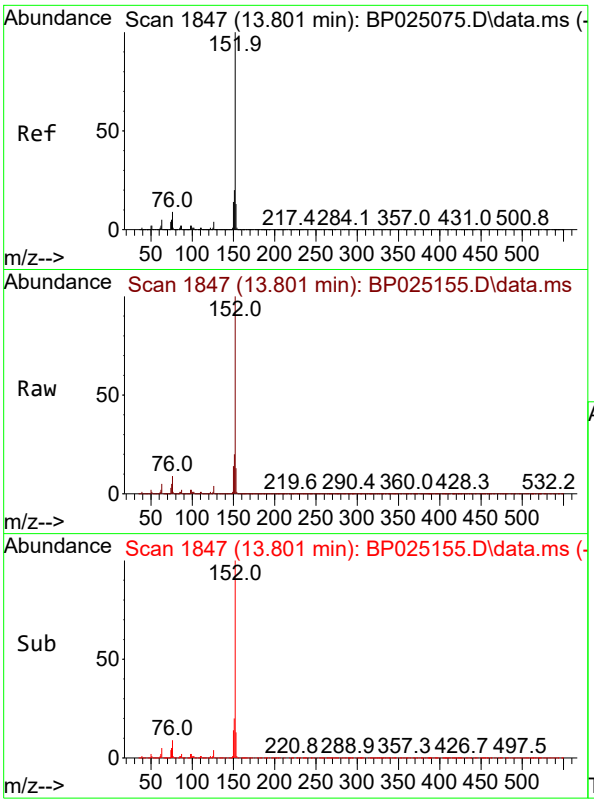


#48
2-Nitroaniline
Concen: 42.274 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 65 Resp: 822809

Ion	Ratio	Lower	Upper
65	100		
92	75.3	58.7	88.1
138	132.8	99.0	148.4

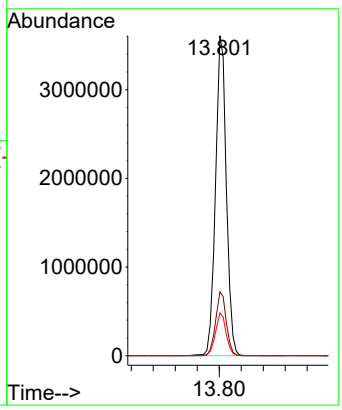




#49
Acenaphthylene
Concen: 40.174 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:152 Resp: 492638

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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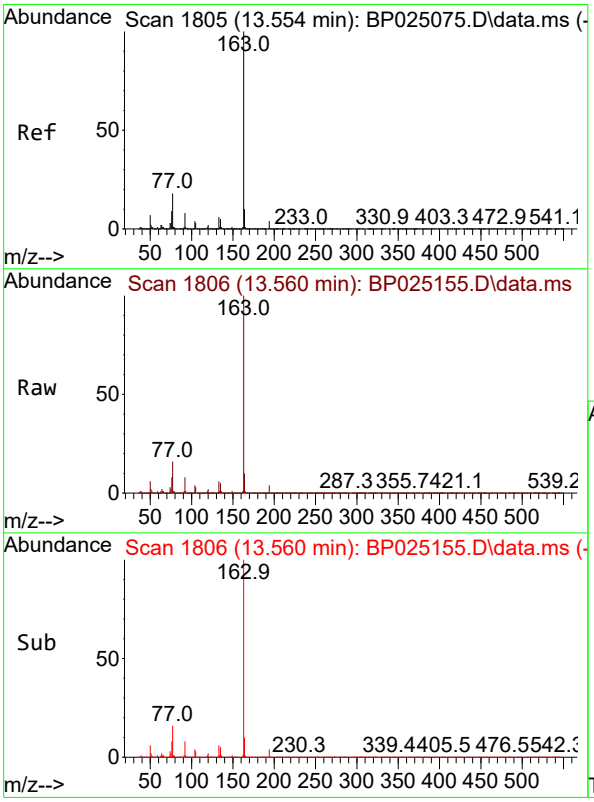
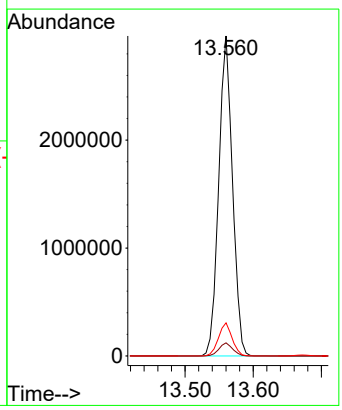
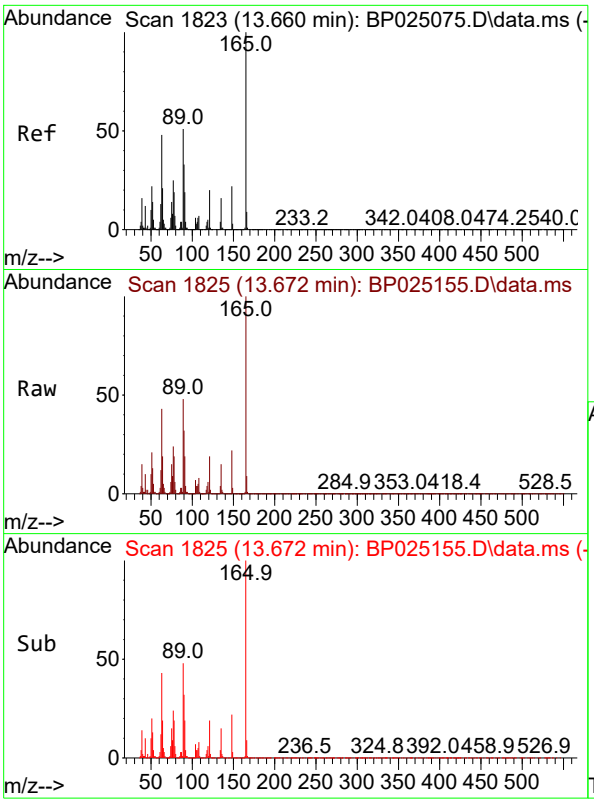


#50
Dimethylphthalate
Concen: 40.672 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:163 Resp: 4171124

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 44.961 ng
RT: 13.672 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:165 Resp: 89928

Ion	Ratio	Lower	Upper
165	100		
63	43.2	38.5	57.7
89	47.7	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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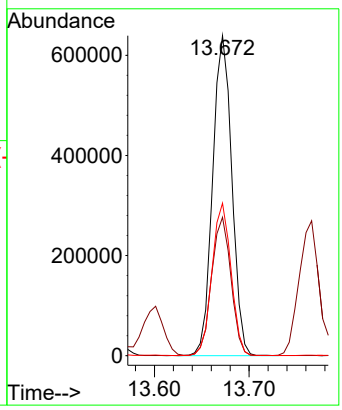
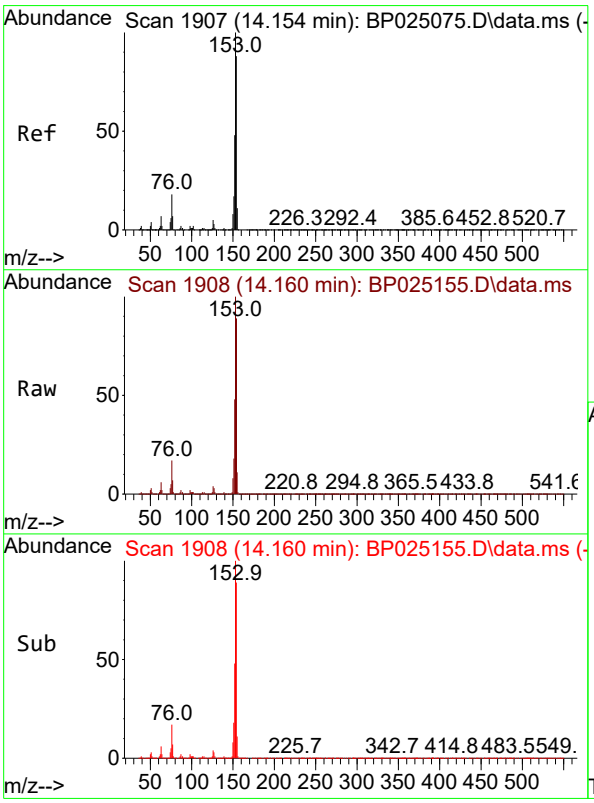
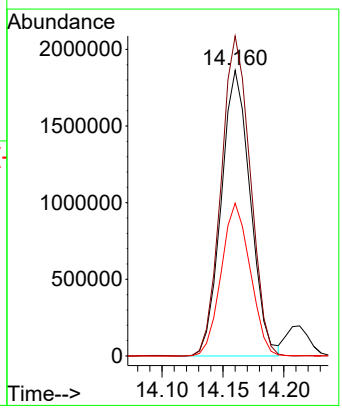


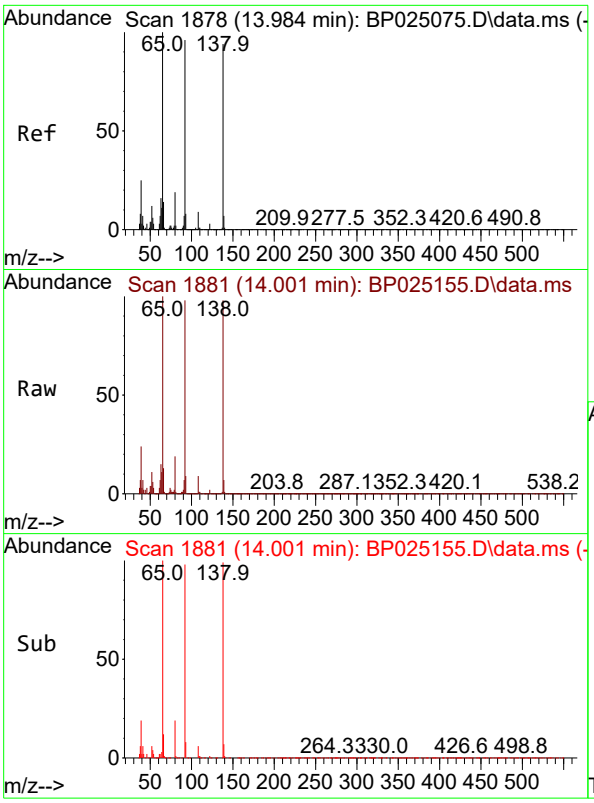


#52
Acenaphthene
Concen: 39.159 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:154 Resp: 3094975

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.6	136.0
152	53.5	43.8	65.8





#53
3-Nitroaniline
Concen: 45.249 ng
RT: 14.001 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:138 Resp: 96992

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	100.6	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
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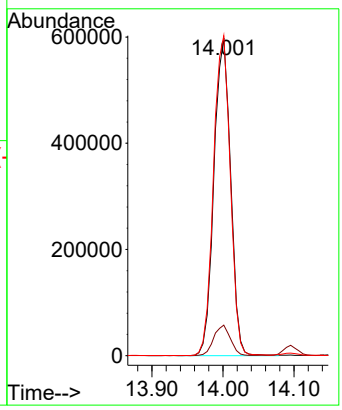
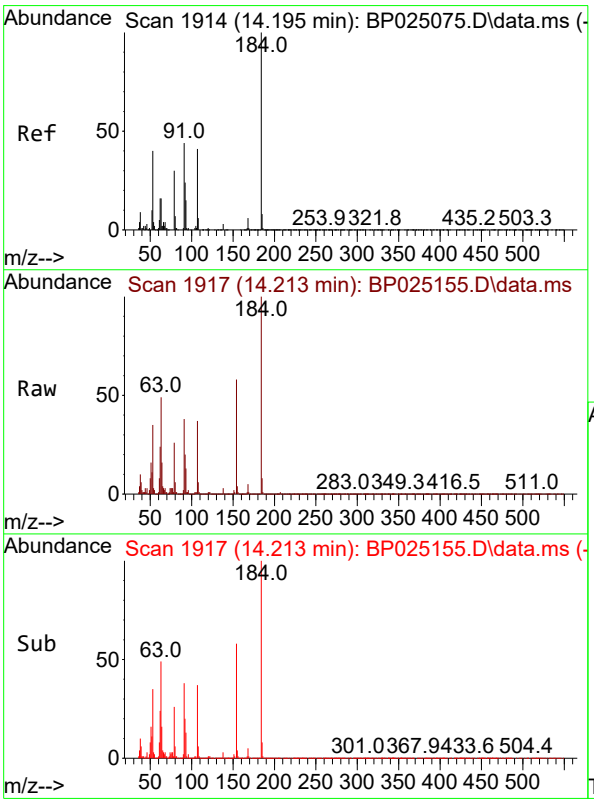
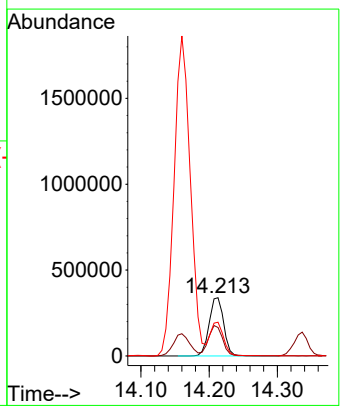


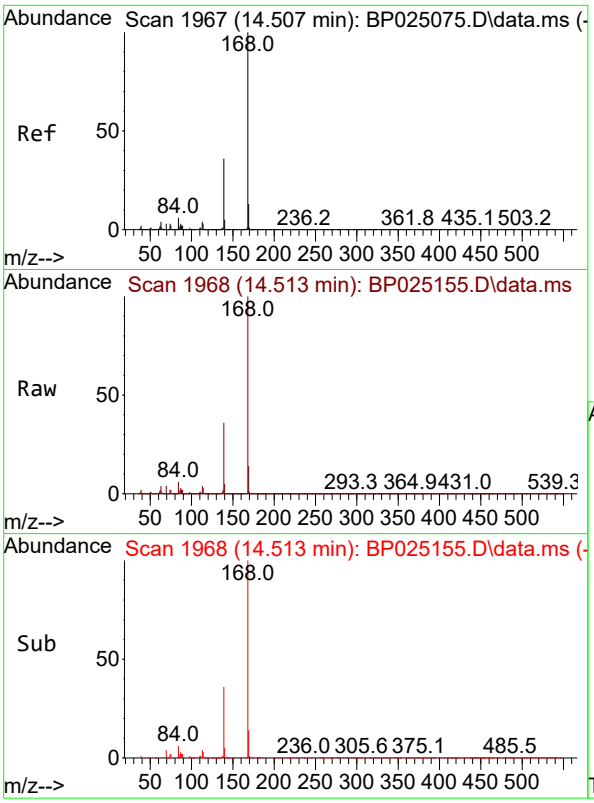


#54
2,4-Dinitrophenol
Concen: 53.458 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:184 Resp: 503837

Ion	Ratio	Lower	Upper
184	100		
63	48.8	47.4	71.0
154	57.9	47.8	71.8

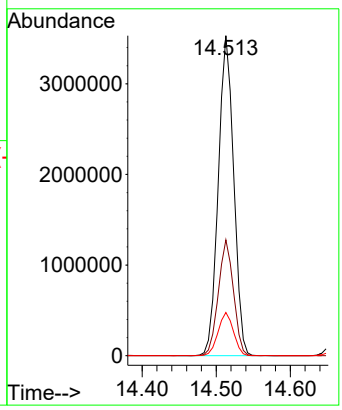




#55
Dibenzofuran
Concen: 39.103 ng
RT: 14.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:168 Resp: 510038

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.5	10.7	16.1



Instrument :
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ClientSampleId :
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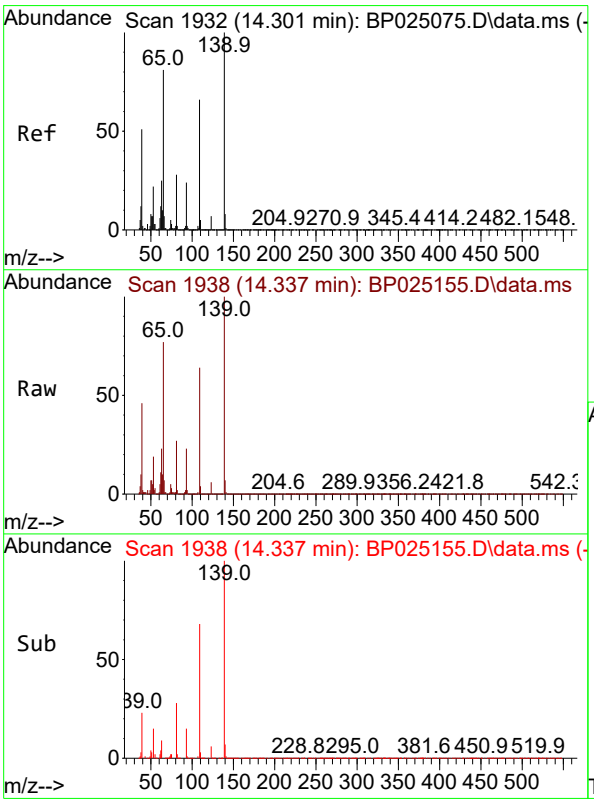
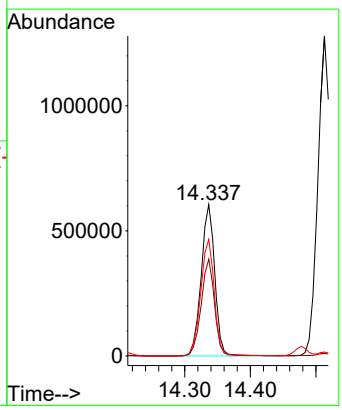
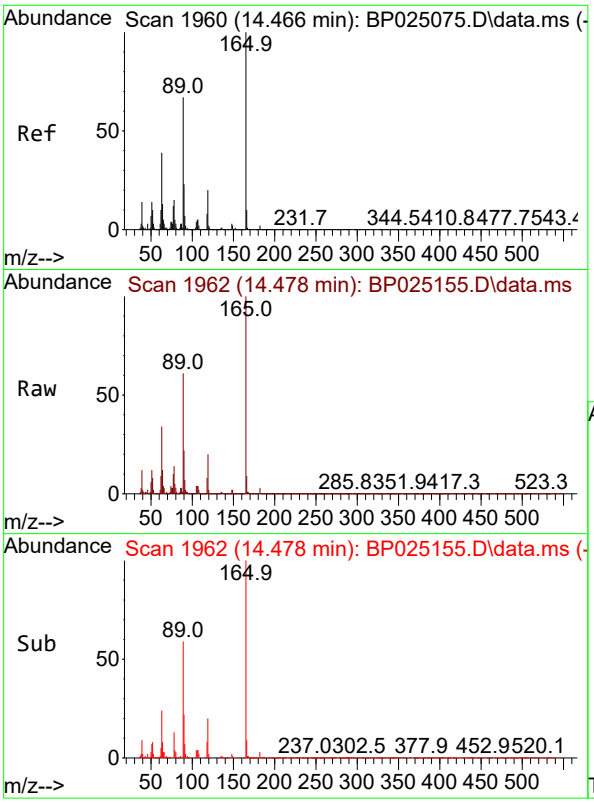


#56
4-Nitrophenol
Concen: 44.110 ng
RT: 14.337 min Scan# 1938
Delta R.T. 0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:139 Resp: 872559

Ion	Ratio	Lower	Upper
139	100		
109	64.0	45.9	85.9
65	77.0	61.4	101.4

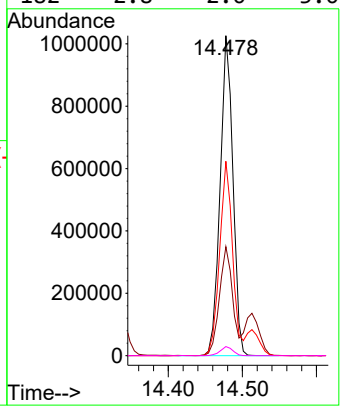




#57
2,4-Dinitrotoluene
Concen: 42.228 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:165 Resp: 122975

Ion	Ratio	Lower	Upper
165	100		
63	34.0	31.0	46.4
89	60.7	53.4	80.0
182	2.8	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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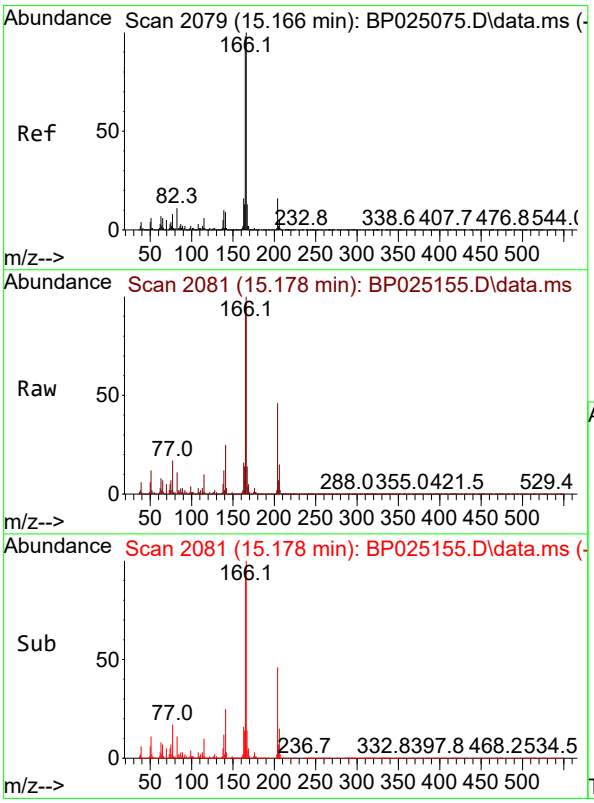
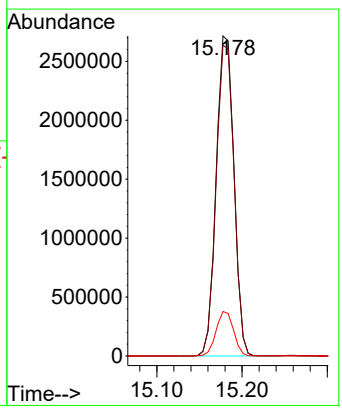
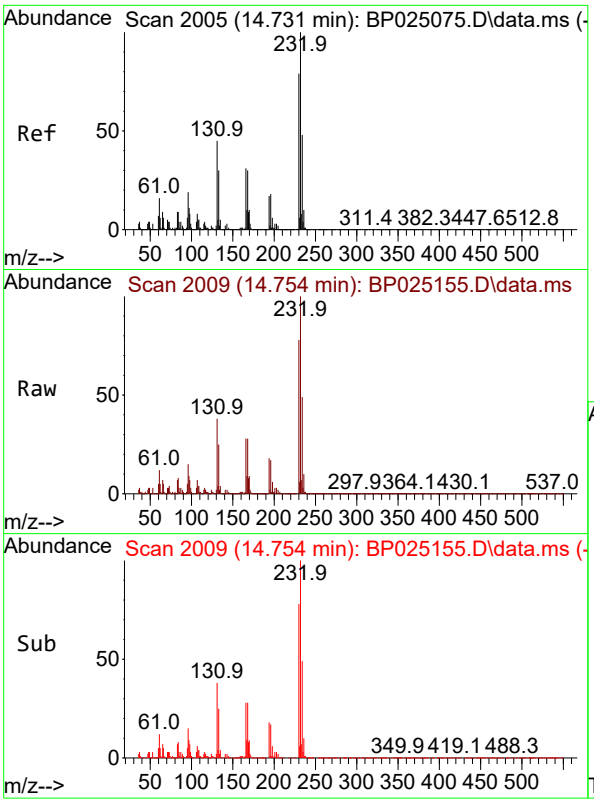


#58
Fluorene
Concen: 39.047 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:166 Resp: 3939328

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	13.9	10.7	16.1

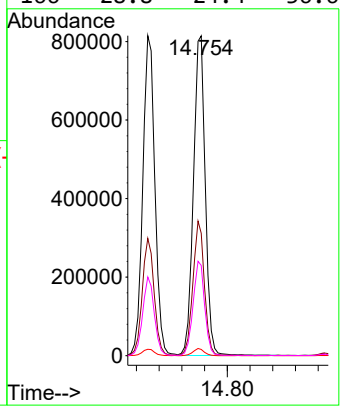




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.184 ng
RT: 14.754 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:232 Resp: 118226

Ion	Ratio	Lower	Upper
232	100		
131	40.6	35.7	53.5
130	2.2	1.8	2.6
166	28.8	24.4	36.6



Instrument :
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ClientSampleId :
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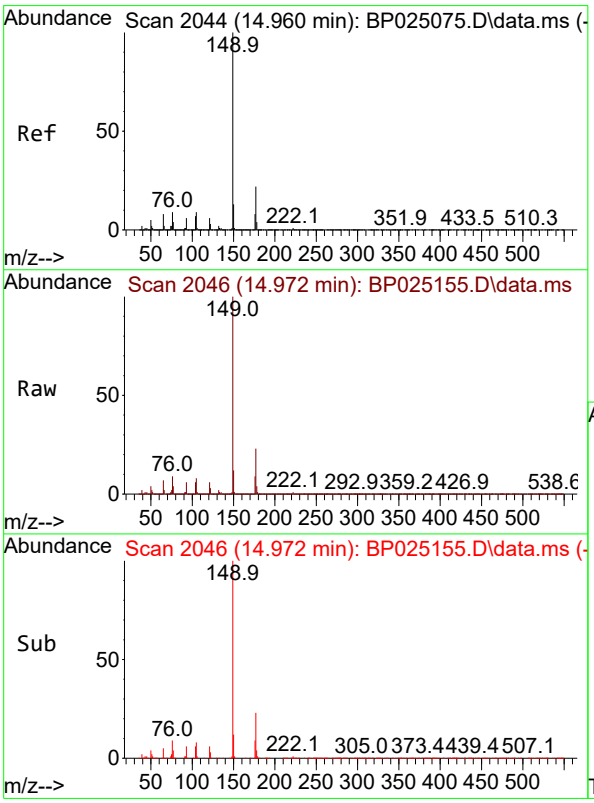
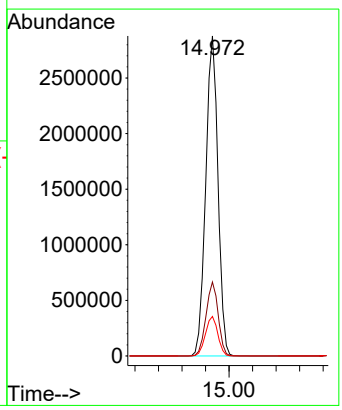
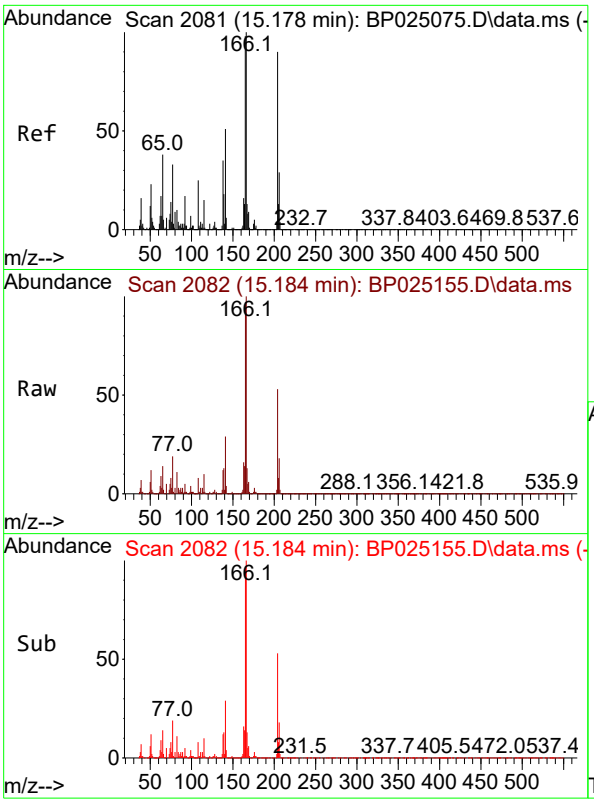


#60
Diethylphthalate
Concen: 40.440 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 4165539

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.8
150	12.4	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.075 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:204 Resp: 200087

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7

Instrument :
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ClientSampleId :
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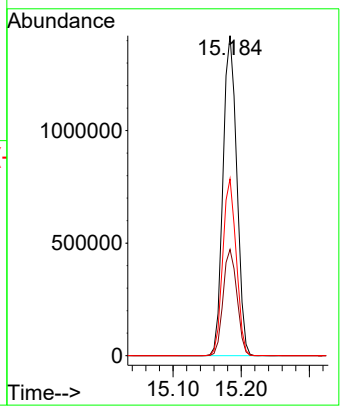
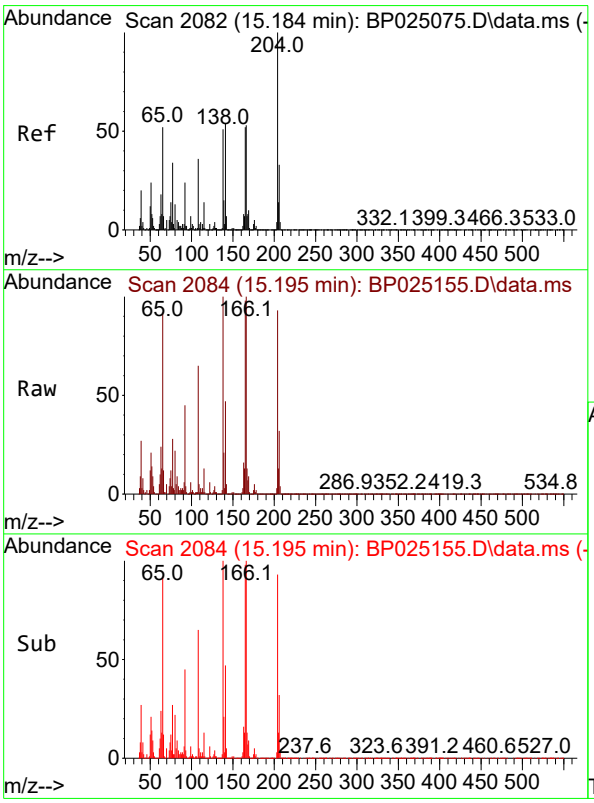
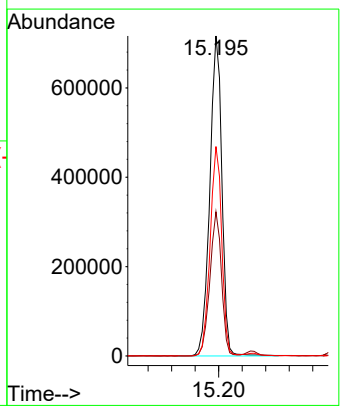


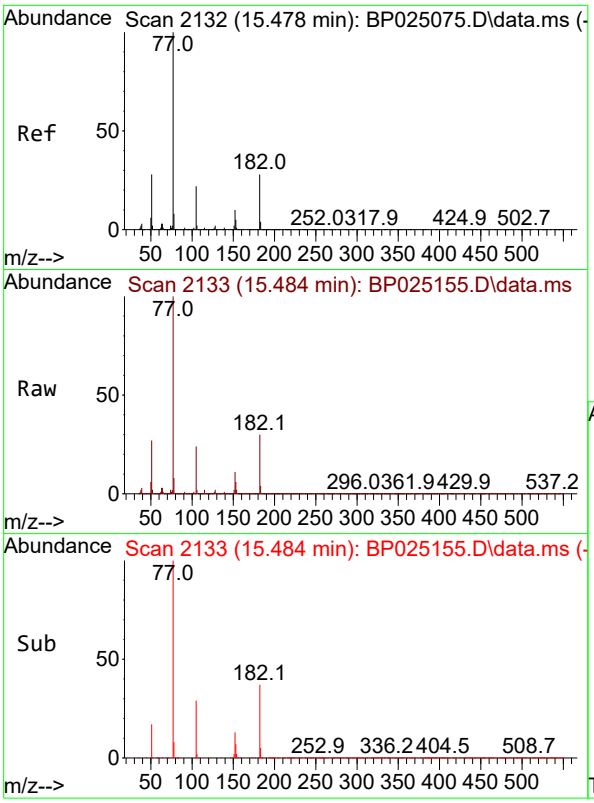


#62
4-Nitroaniline
Concen: 45.492 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:138 Resp: 1022502

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	65.4	50.0	90.0





#63
Azobenzene
Concen: 37.279 ng
RT: 15.484 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 341931

Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.7	47.7
105	23.7	1.9	41.9
51	26.9	8.2	48.2

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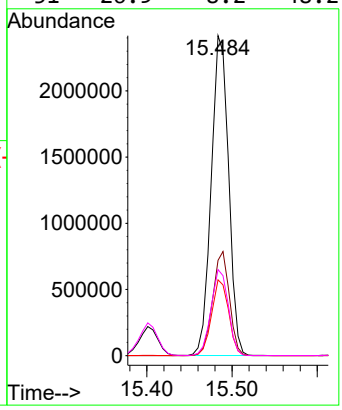
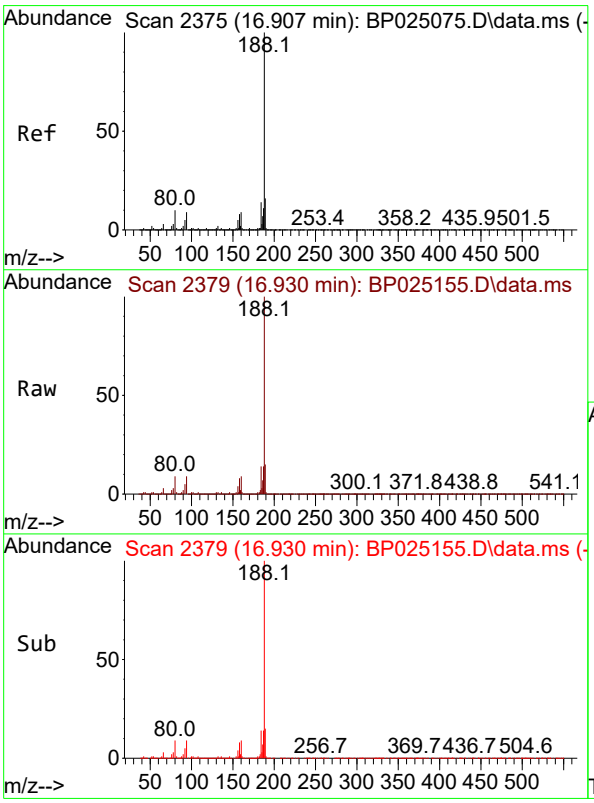
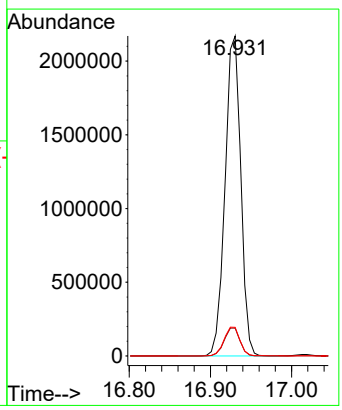


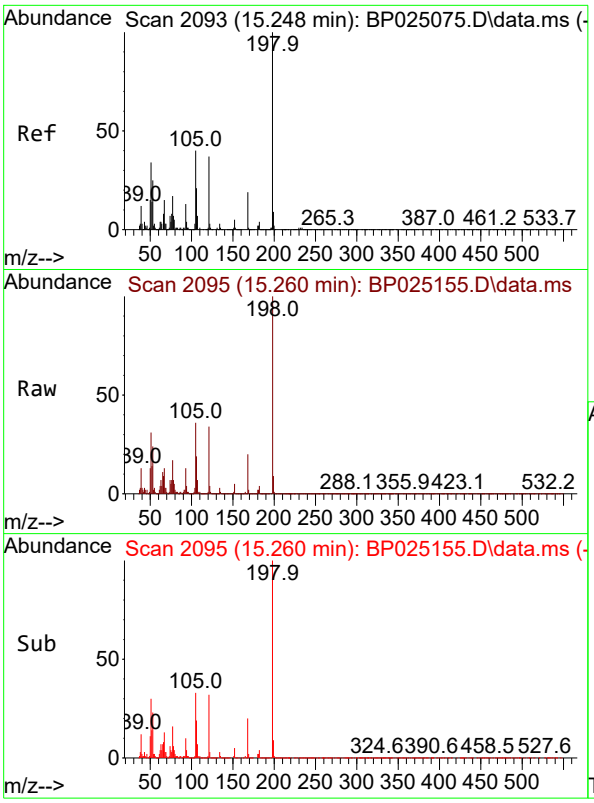


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.930 min Scan# 2379
Delta R.T. 0.023 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:188 Resp: 2922940

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.0	7.8	11.6

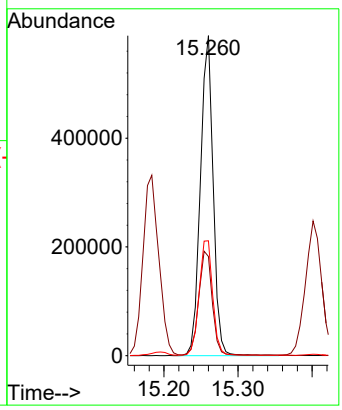




#65
4,6-Dinitro-2-methylphenol
Concen: 52.312 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:198 Resp: 70335

Ion	Ratio	Lower	Upper
198	100		
51	31.0	16.8	56.8
105	35.9	20.8	60.8



Instrument :
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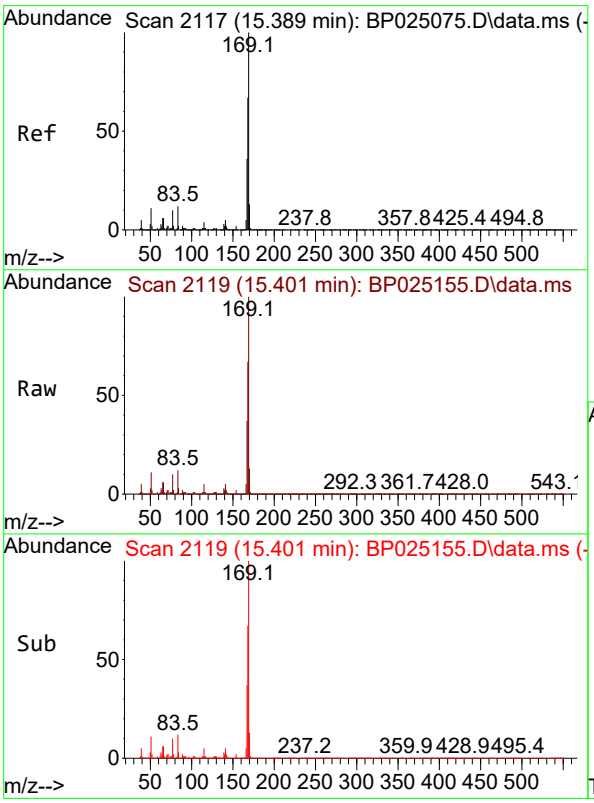
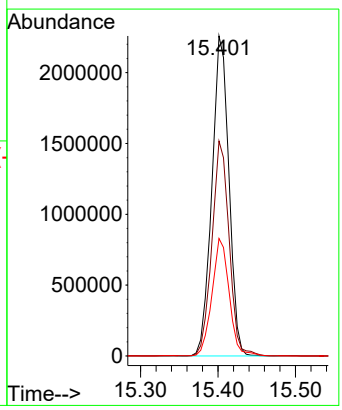
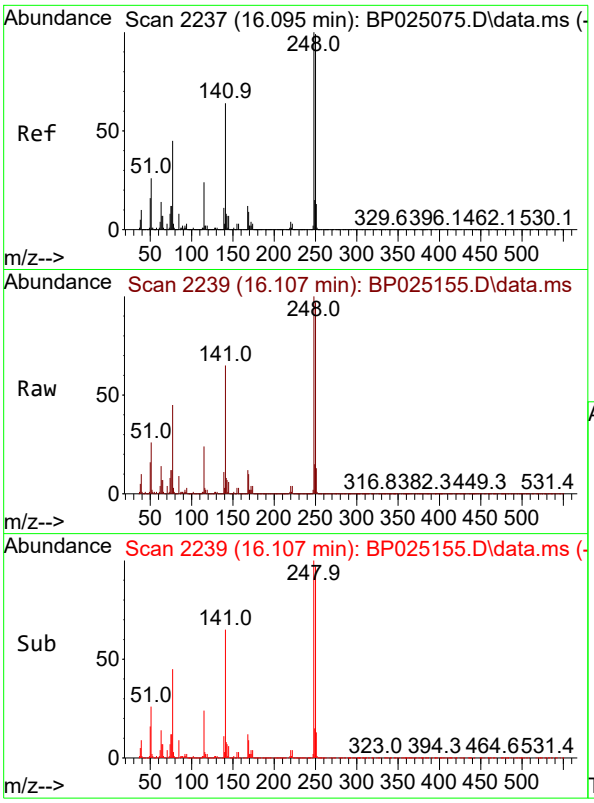


#66
n-Nitrosodiphenylamine
Concen: 41.168 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:169 Resp: 3443735

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	36.7	29.0	43.6

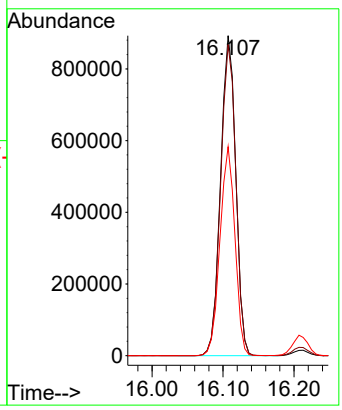




#67
4-Bromophenyl-phenylether
Concen: 44.136 ng
RT: 16.107 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:248 Resp: 132089

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	65.3	51.4	77.0



Instrument :
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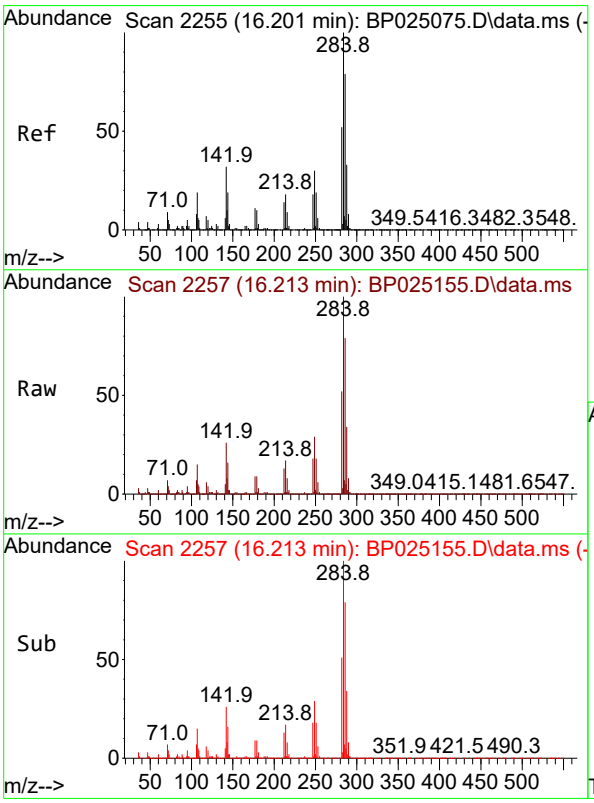
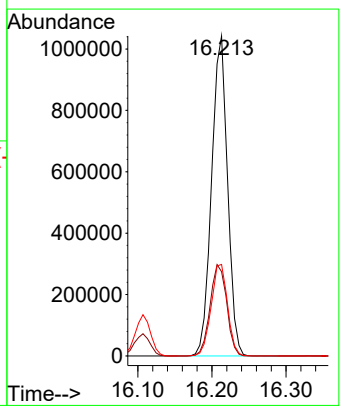
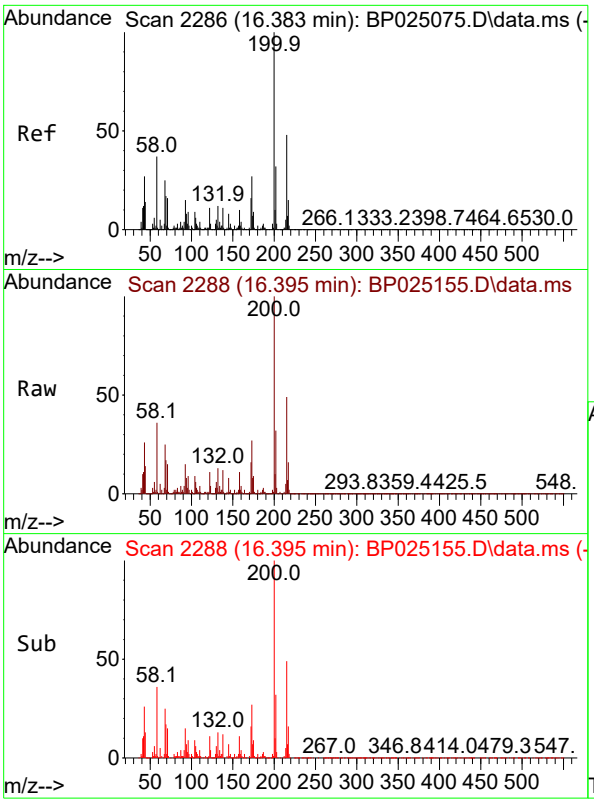


#68
Hexachlorobenzene
Concen: 42.517 ng
RT: 16.213 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:284 Resp: 1555286

Ion	Ratio	Lower	Upper
284	100		
142	26.3	25.9	38.9
249	28.6	23.8	35.8





#69
Atrazine
Concen: 44.978 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:200 Resp: 110250

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	48.7	28.0	68.0

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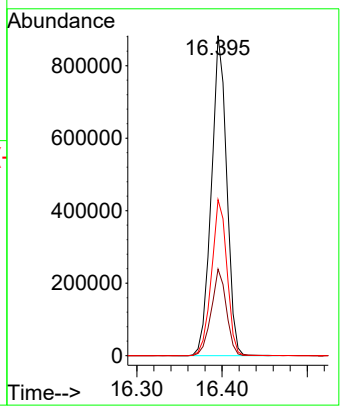
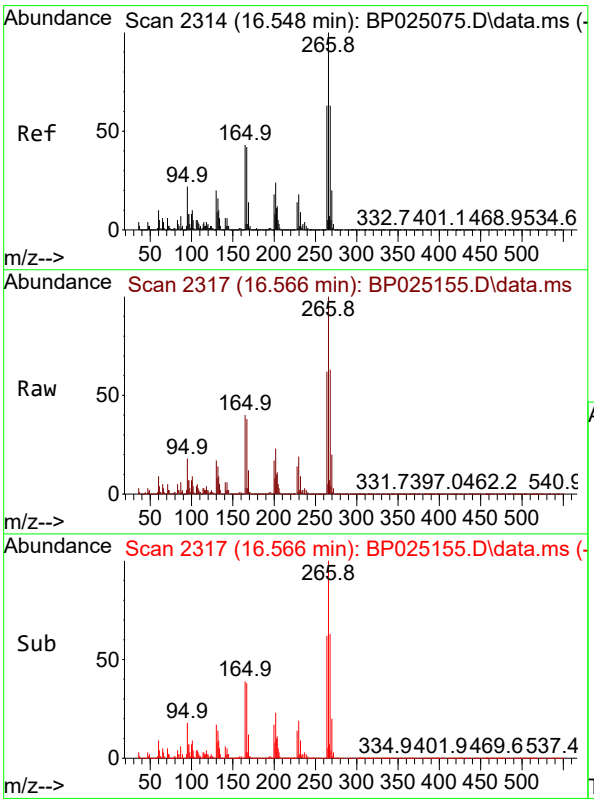
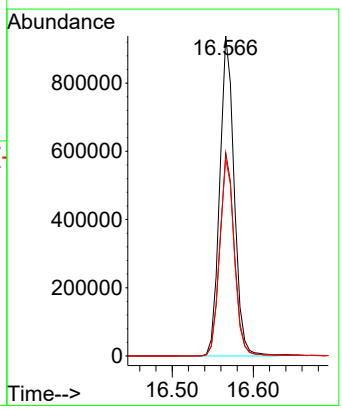


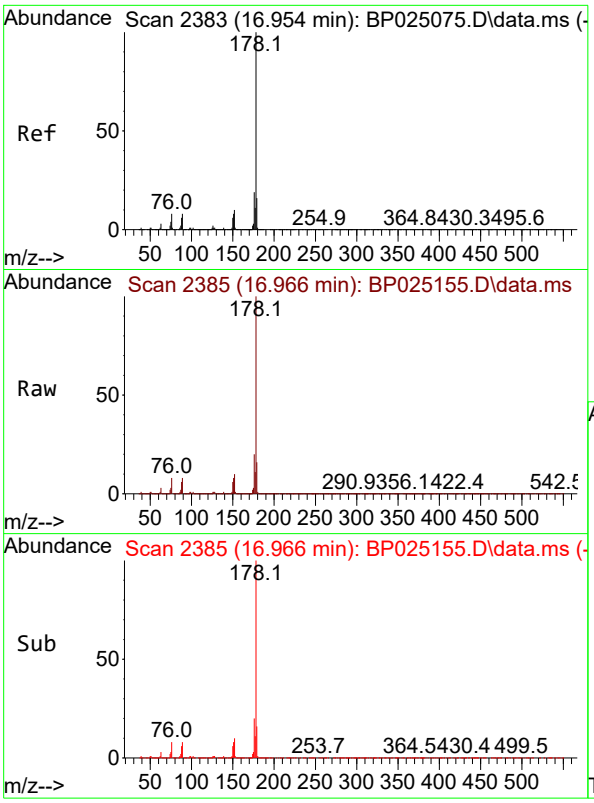


#70
Pentachlorophenol
Concen: 46.949 ng
RT: 16.566 min Scan# 2317
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:266 Resp: 1159837

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.4	75.6
264	61.6	50.2	75.2

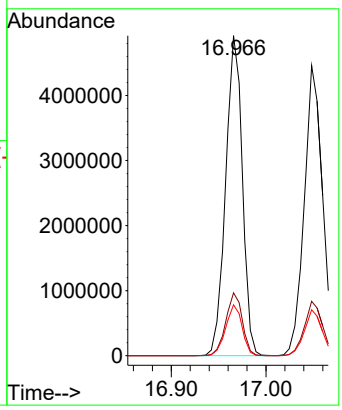




#71
Phenanthrene
Concen: 38.563 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:178 Resp: 602293

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.9	12.6	19.0



Instrument :
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ClientSampleId :
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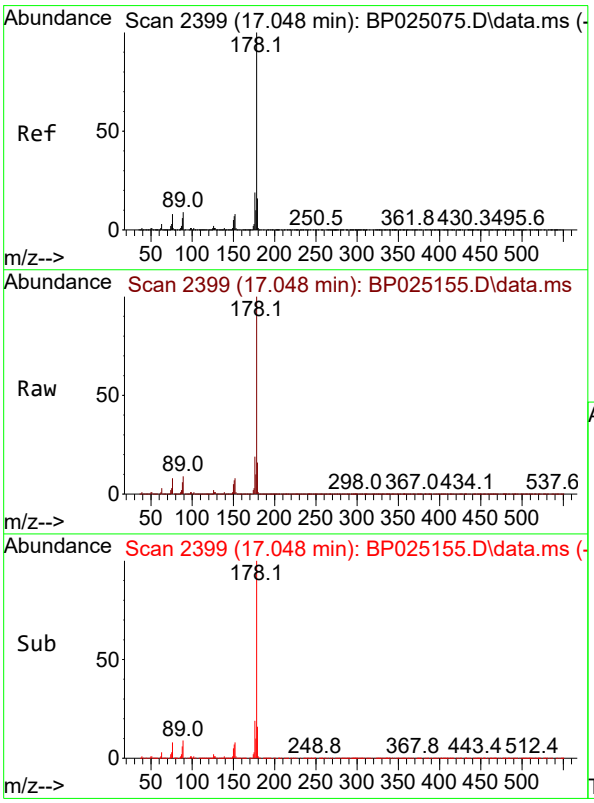
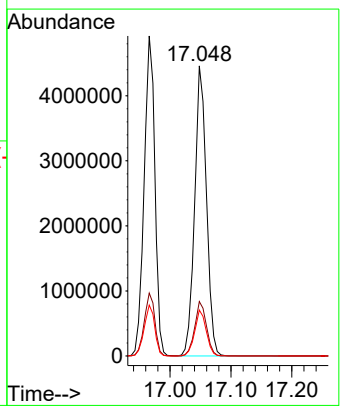
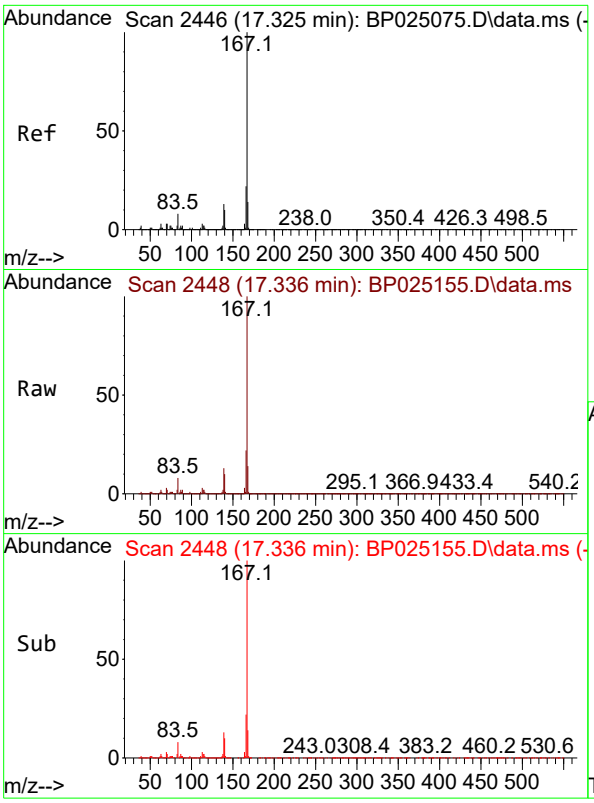


#72
Anthracene
Concen: 40.035 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:178 Resp: 5998866

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.5	18.7

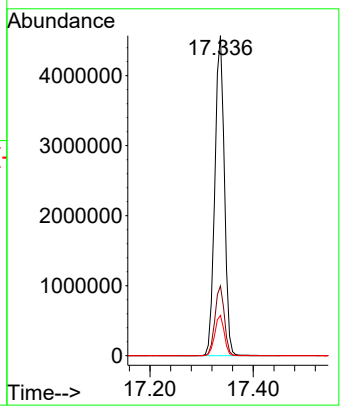




#73
Carbazole
Concen: 39.821 ng
RT: 17.336 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:167 Resp: 583394

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.6	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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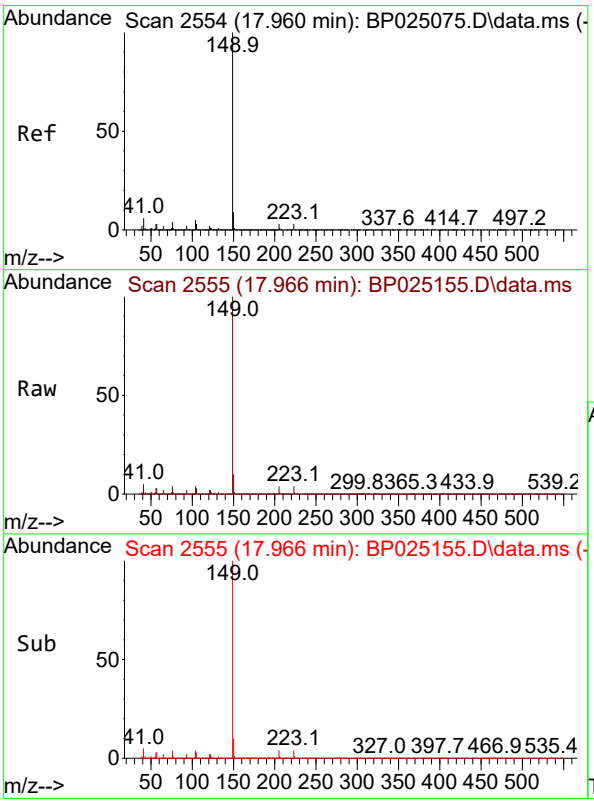
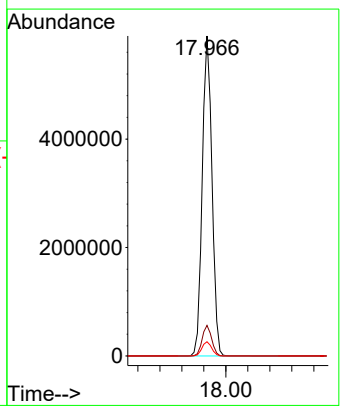
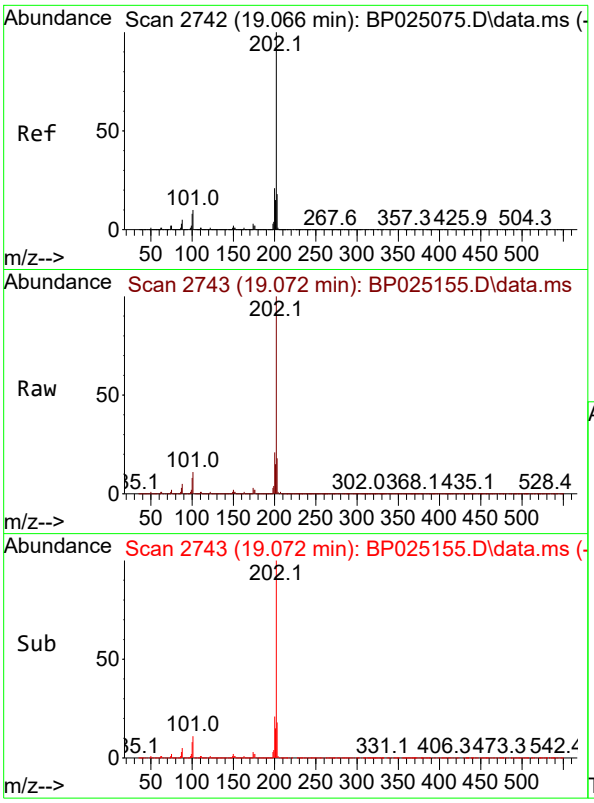


#74
Di-n-butylphthalate
Concen: 44.381 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 7240637

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.4	3.8	5.6

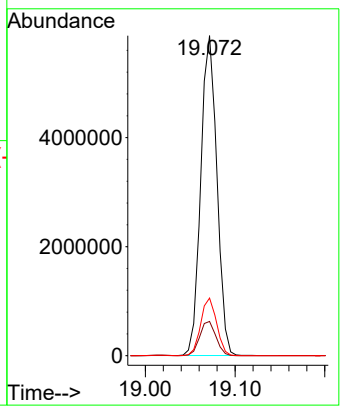




#75
Fluoranthene
Concen: 40.166 ng
RT: 19.072 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:202 Resp: 733284

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	18.0	0.0	37.6



Instrument :
BNA_P
ClientSampleId :
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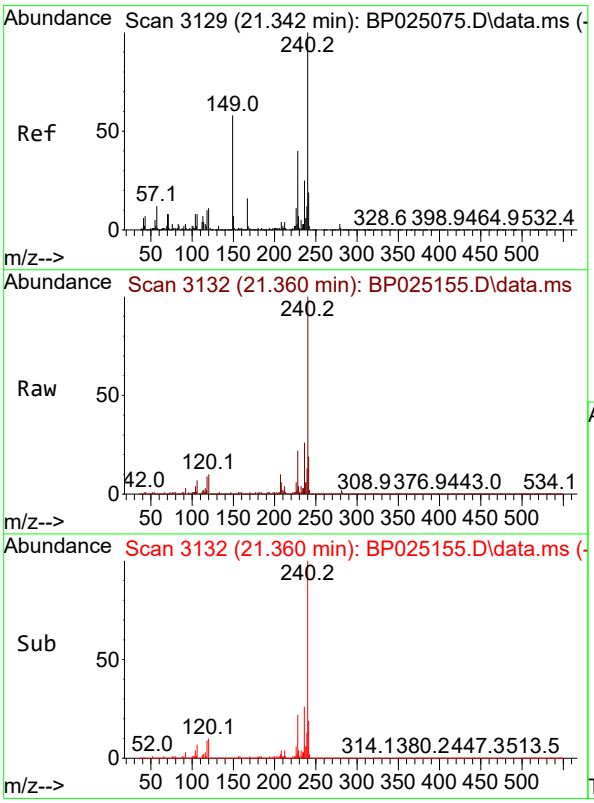
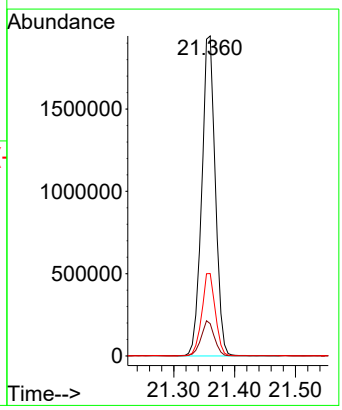
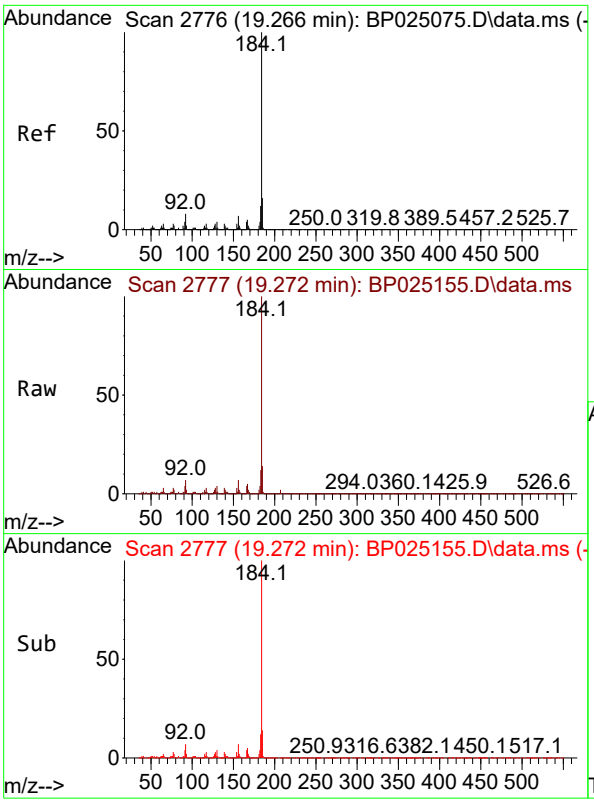


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:240 Resp: 2997869

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	25.8	20.3	30.5

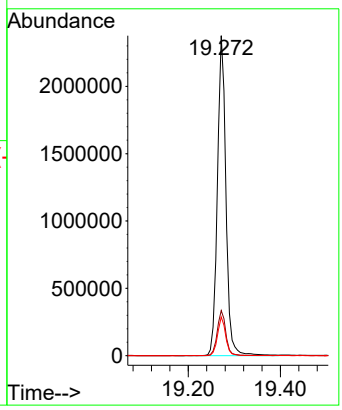




#77
Benzidine
Concen: 57.401 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:184 Resp: 303920

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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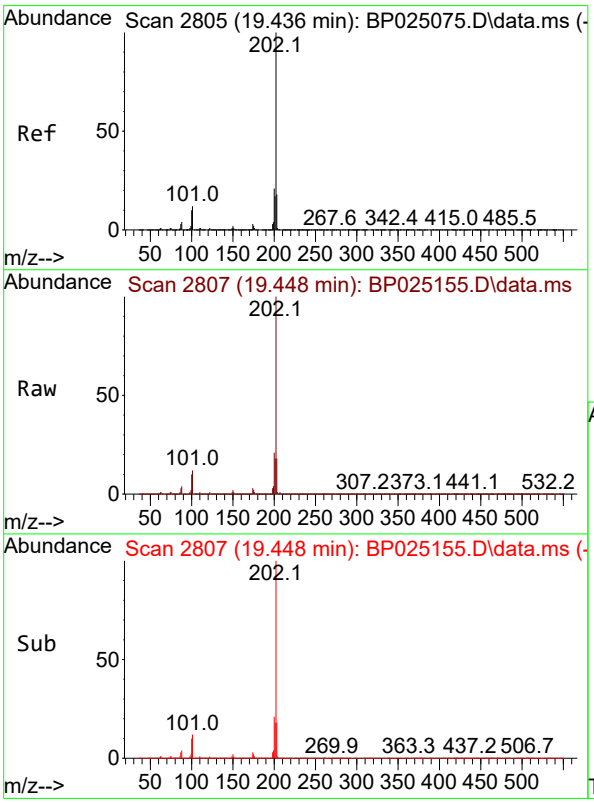
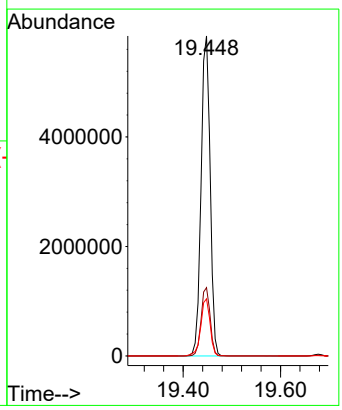
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

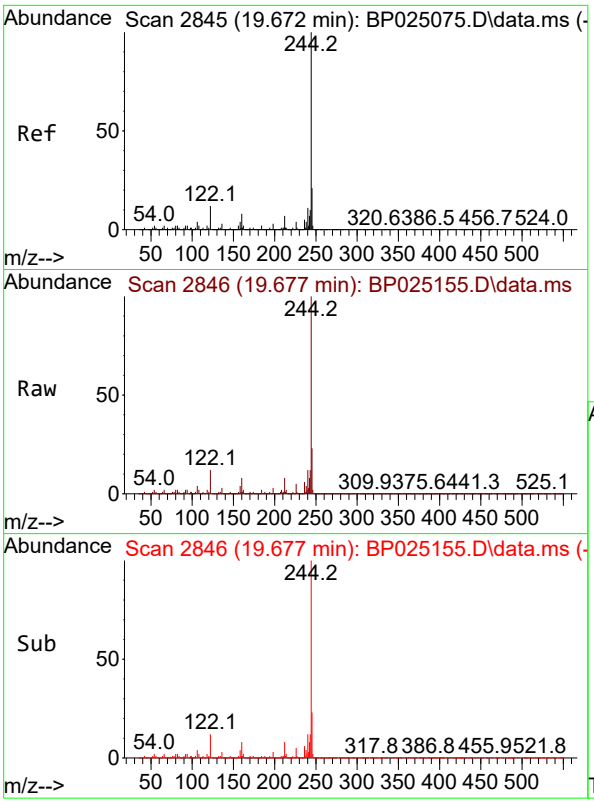


#78
Pyrene
Concen: 40.850 ng
RT: 19.448 min Scan# 2807
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:202 Resp: 7585115

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.8	14.1	21.1





#79
Terphenyl-d14
Concen: 80.210 ng
RT: 19.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:244 Resp:1094089

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	12.1	9.4	14.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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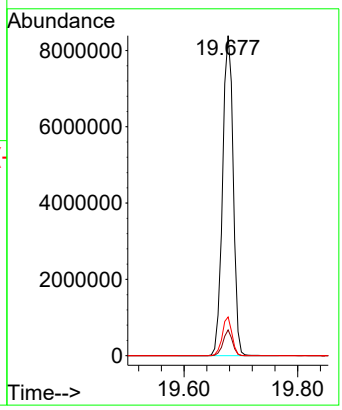
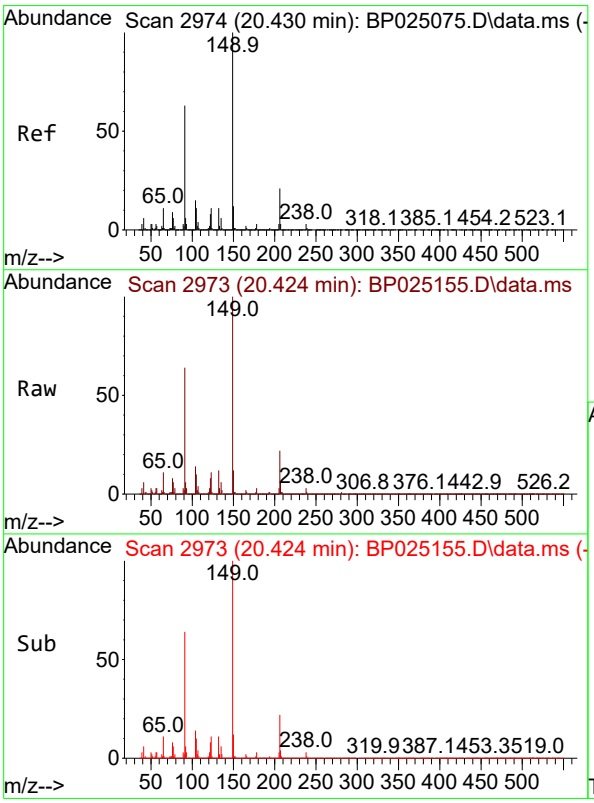
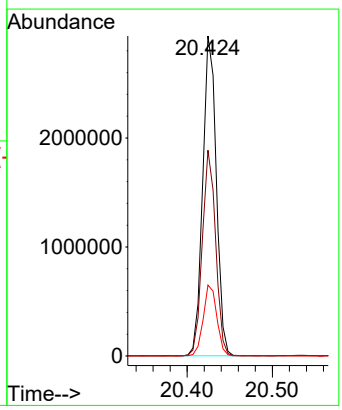


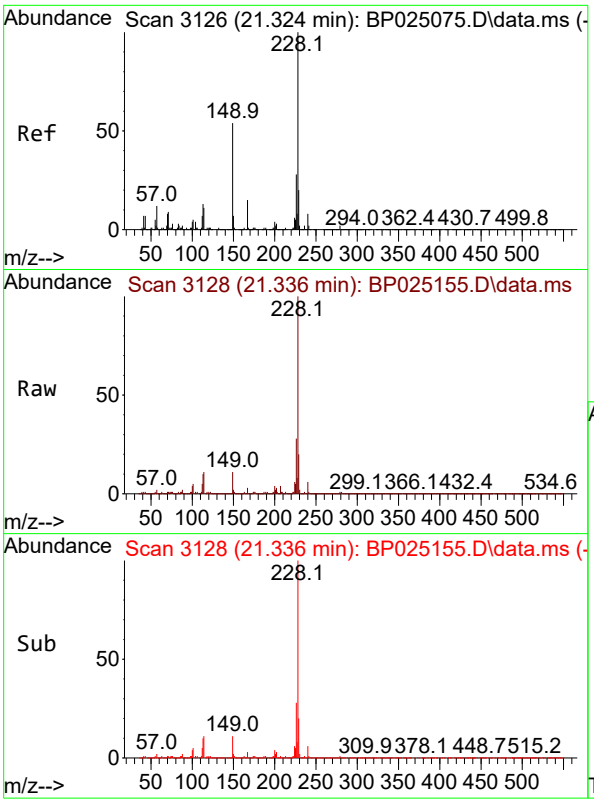


#80
Butylbenzylphthalate
Concen: 45.579 ng
RT: 20.424 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 3246304

Ion	Ratio	Lower	Upper
149	100		
91	64.3	50.6	76.0
206	22.1	17.2	25.8





#81
Benzo(a)anthracene
Concen: 39.902 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:228 Resp: 724929

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.4	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
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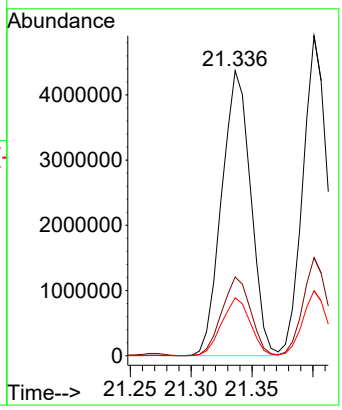
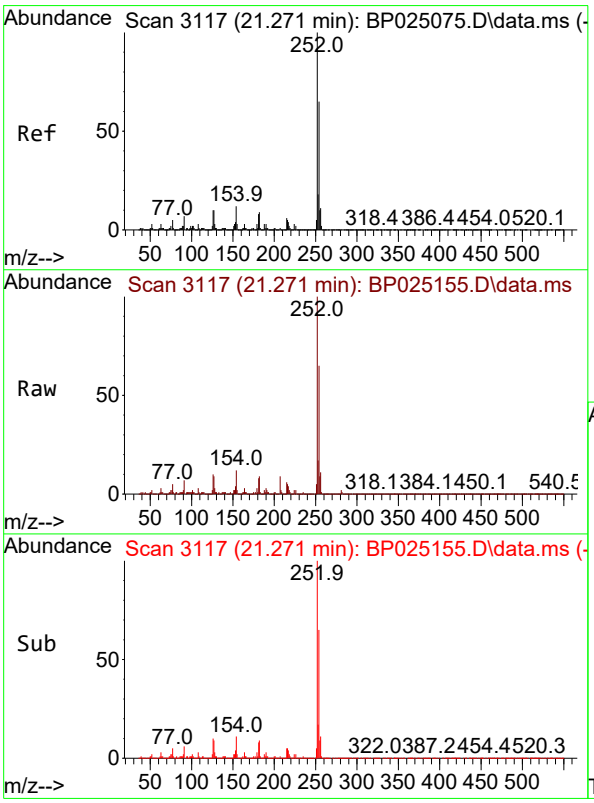
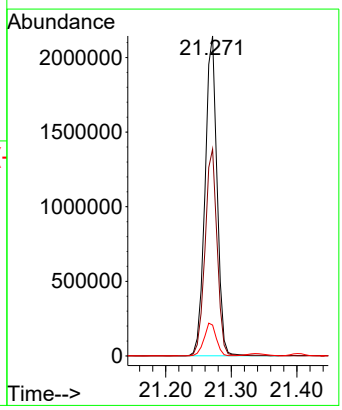


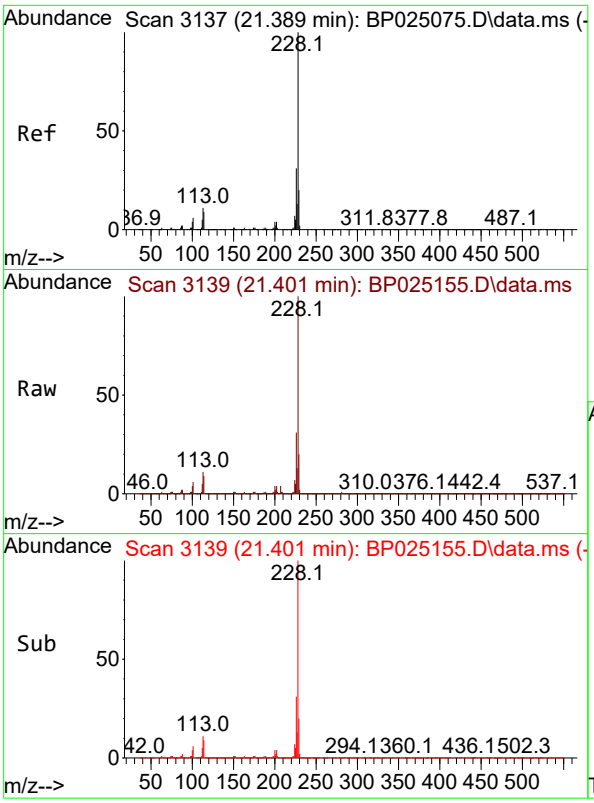


#82
3,3'-Dichlorobenzidine
Concen: 50.003 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 2734732

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	9.6	8.1	12.1

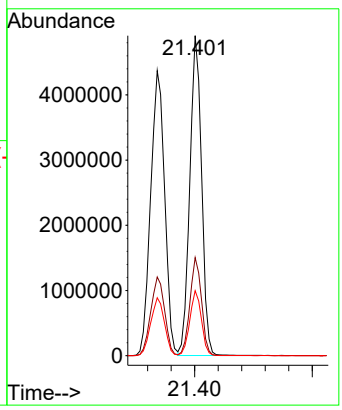




#83
Chrysene
Concen: 39.037 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:228 Resp: 682490

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.3	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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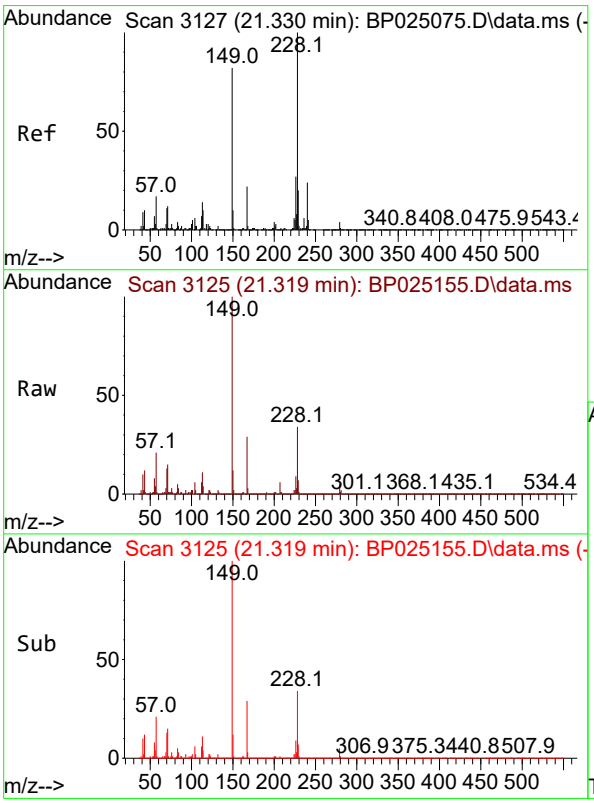
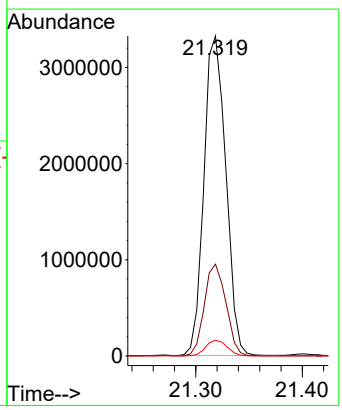
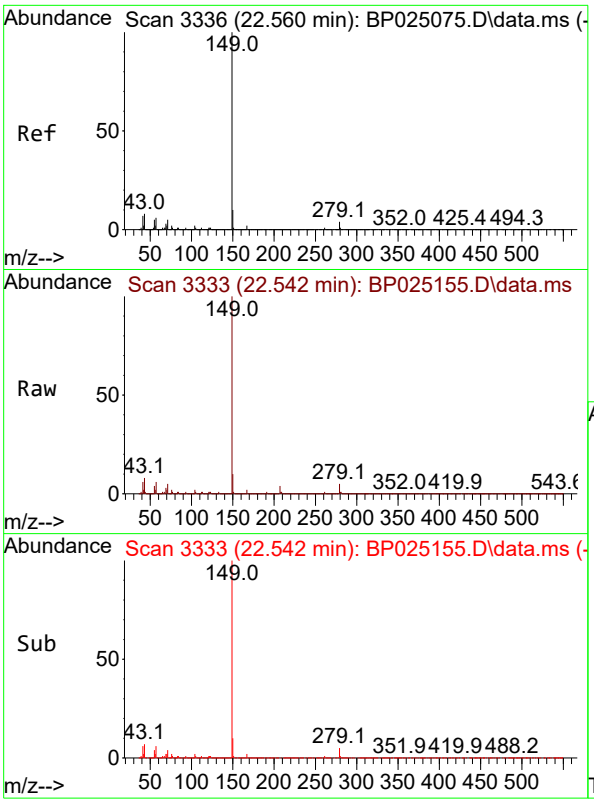


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.728 ng
RT: 21.319 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 4748475

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	4.9	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 45.843 ng
RT: 22.542 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 813539

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.9	10.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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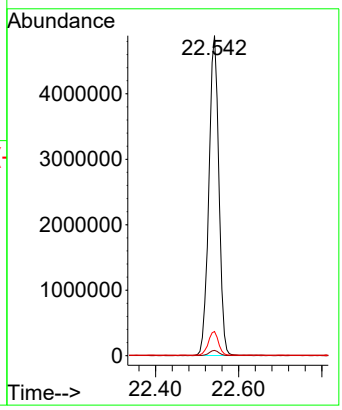
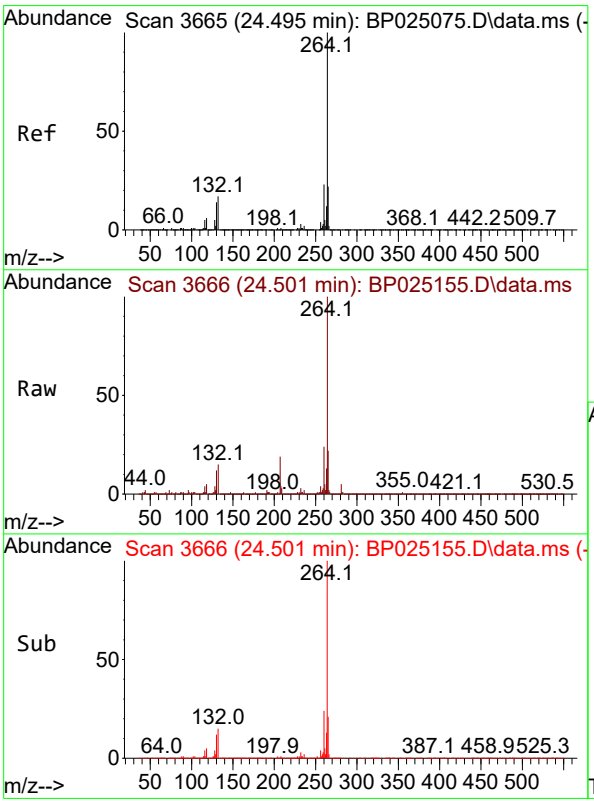
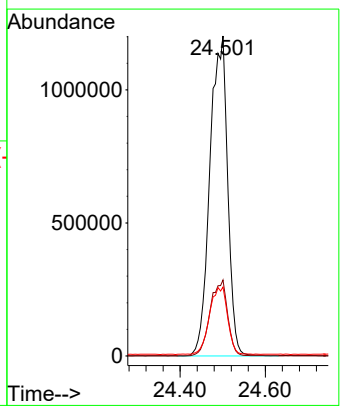


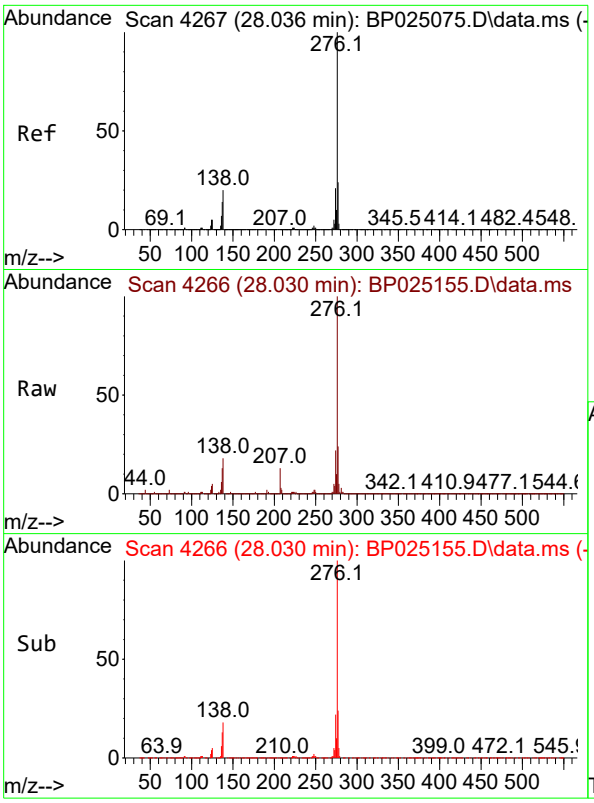


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:264 Resp: 3472368

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.5	17.7	26.5

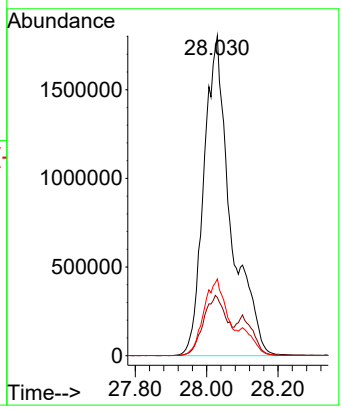




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.621 ng m
RT: 28.030 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:276 Resp: 942809

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.0	19.6
277	21.0	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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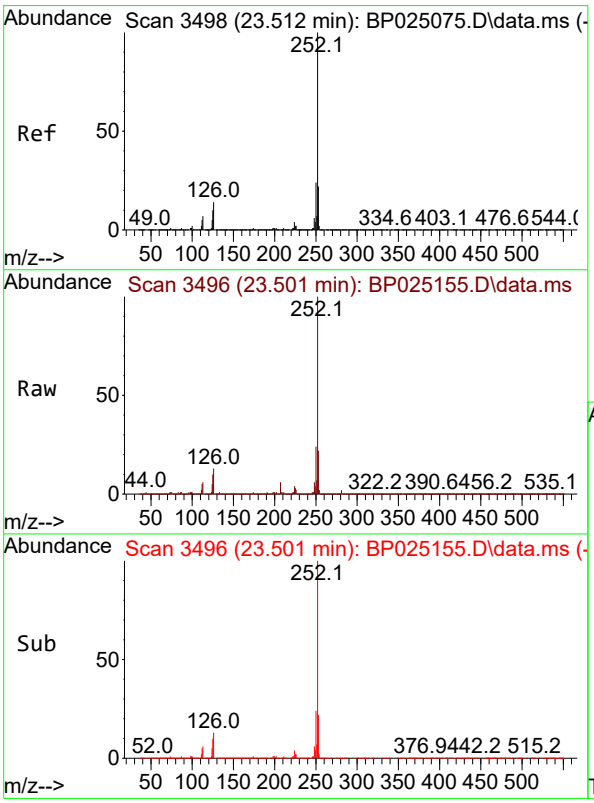
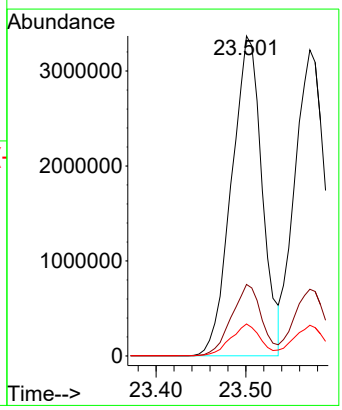
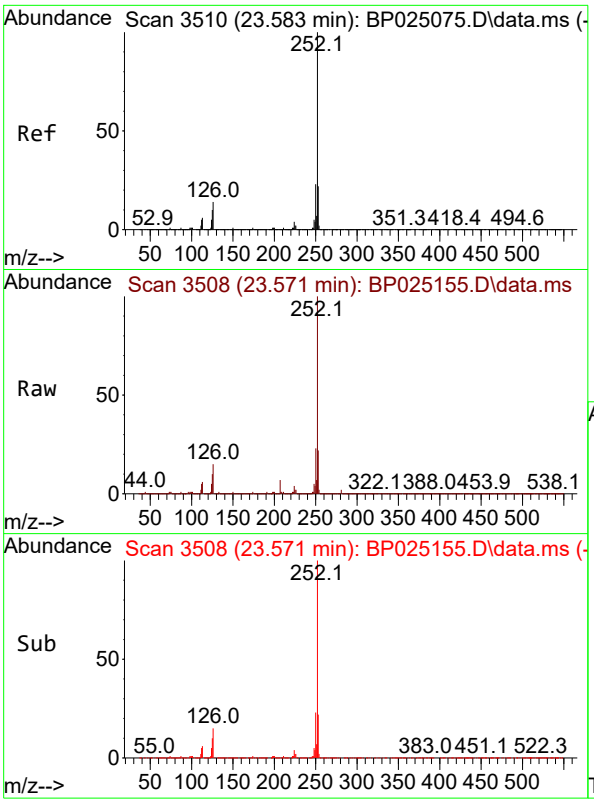


#88
Benzo(b)fluoranthene
Concen: 39.419 ng
RT: 23.501 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 7966965

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.0	8.1	12.1

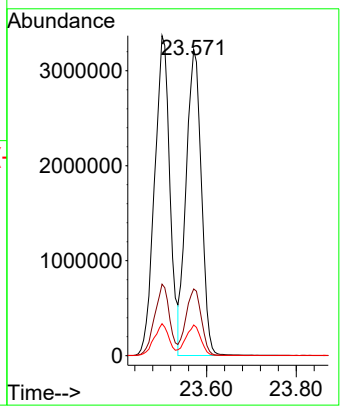




#89
Benzo(k)fluoranthene
Concen: 37.735 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 758834

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.0	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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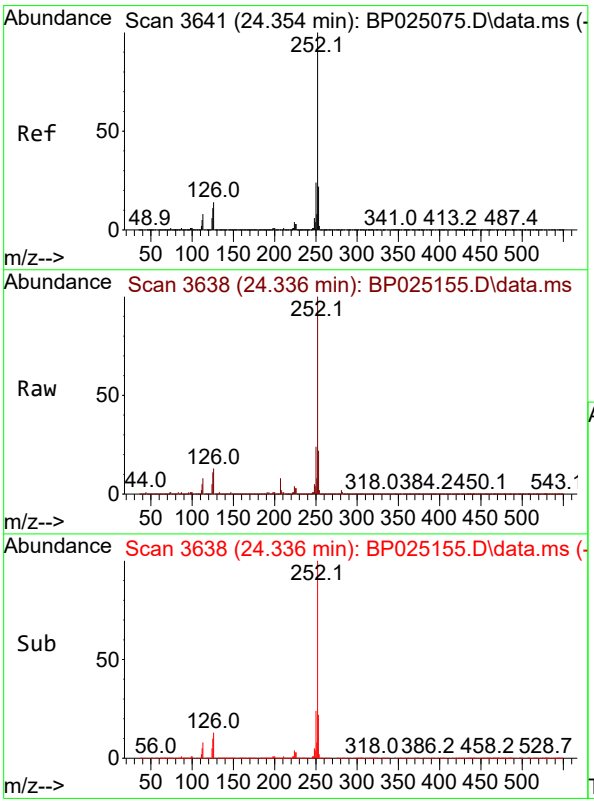
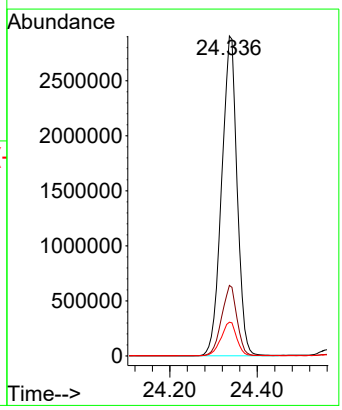
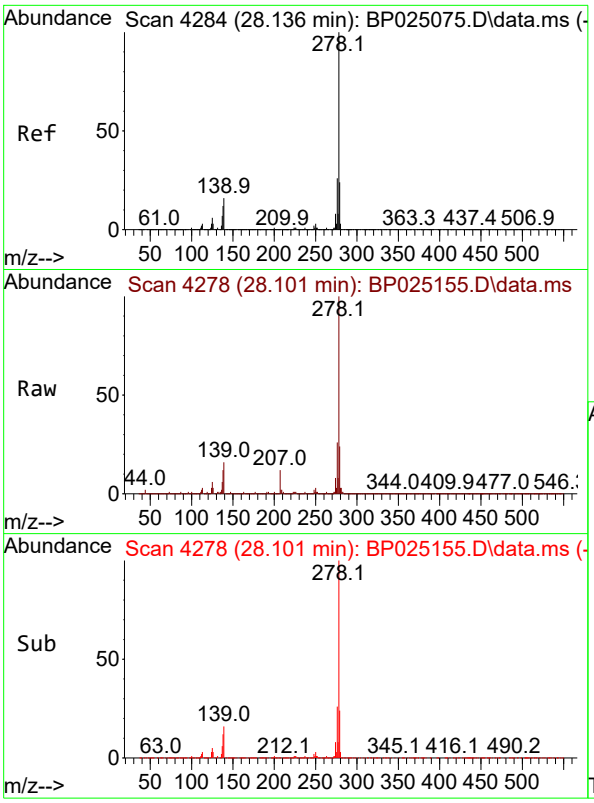


#90
Benzo(a)pyrene
Concen: 41.198 ng
RT: 24.336 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 7086765

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.5	9.0	13.4

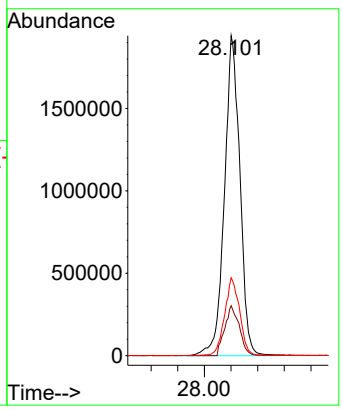




#91
Dibenzo(a,h)anthracene
Concen: 42.809 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:278 Resp: 782778

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	24.3	18.9	28.3



Instrument :
BNA_P
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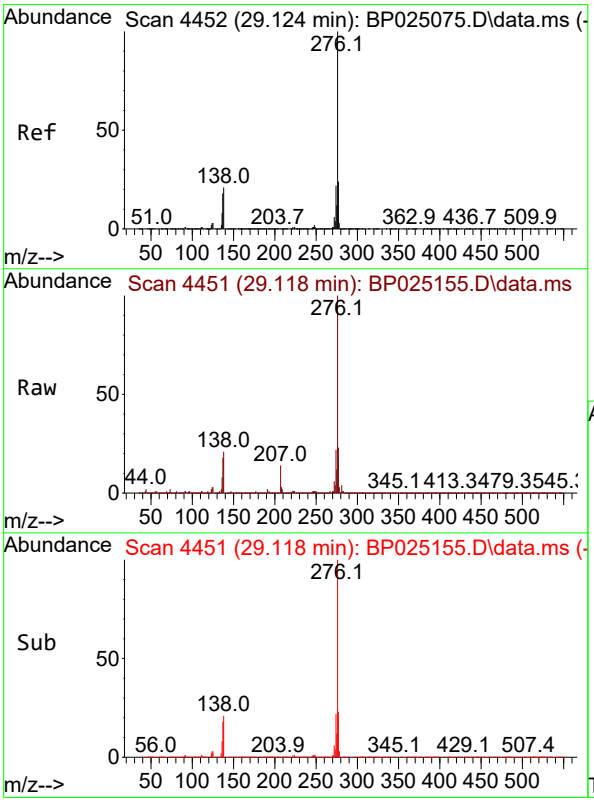
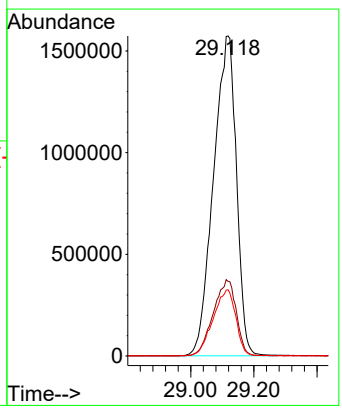


#92
Benzo(g,h,i)perylene
Concen: 41.908 ng
RT: 29.118 min Scan# 4451
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:276 Resp: 7916064

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	20.7	16.9	25.3



Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	145	0.00
2		1,4-Dioxane	0.439	0.407	7.3	135	0.00
3		Pyridine	1.202	1.146	4.7	135	0.00
4		n-Nitrosodimethylamine	0.509	0.453	11.0	129	0.00
5	S	2-Fluorophenol	1.129	1.127	0.2	144	0.00
6		Aniline	1.376	1.352	1.7	141	0.00
7	S	Phenol-d6	1.473	1.456	1.2	144	0.00
8		2-Chlorophenol	1.263	1.281	-1.4	147	0.00
9		Benzaldehyde	0.769	0.625	18.7	125	0.00
10	C	Phenol	1.497	1.451	3.1	142	0.01
11		bis(2-Chloroethyl)ether	1.152	1.106	4.0	143	0.00
12		1,3-Dichlorobenzene	1.413	1.388	1.8	146	0.00
13	C	1,4-Dichlorobenzene	1.431	1.418	0.9	146	0.00
14		1,2-Dichlorobenzene	1.377	1.347	2.2	144	0.00
15		Benzyl Alcohol	0.983	0.998	-1.5	151#	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.353	9.7	136	0.00
17		2-Methylphenol	0.964	0.980	-1.7	146	0.01
18		Hexachloroethane	0.466	0.474	-1.7	149	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.858	1.8	143	0.00
20		3+4-Methylphenols	1.350	1.353	-0.2	147	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	143	0.01
22		Acetophenone	0.473	0.462	2.3	142	0.00
23	S	Nitrobenzene-d5	0.301	0.315	-4.7	147	0.00
24		Nitrobenzene	0.306	0.312	-2.0	144	0.00
25		Isophorone	0.562	0.566	-0.7	145	0.01
26	C	2-Nitrophenol	0.128	0.181	-41.4#	195#	0.00
27		2,4-Dimethylphenol	0.210	0.215	-2.4	148	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.379	0.8	145	0.00
29	C	2,4-Dichlorophenol	0.291	0.318	-9.3	152#	0.02
30		1,2,4-Trichlorobenzene	0.322	0.331	-2.8	149	0.00
31		Naphthalene	1.030	1.012	1.7	144	0.02
32		Benzoic acid	0.185	0.266	-43.8#	205#	0.04
33		4-Chloroaniline	0.384	0.391	-1.8	144	0.00
34	C	Hexachlorobutadiene	0.185	0.194	-4.9	153#	0.00
35		Caprolactam	0.099	0.105	-6.1	149	0.04
36	C	4-Chloro-3-methylphenol	0.304	0.323	-6.3	150	0.02
37		2-Methylnaphthalene	0.727	0.726	0.1	145	0.01
38		1-Methylnaphthalene	0.709	0.707	0.3	147	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	146	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.598	-4.0	151#	0.01
41	P	Hexachlorocyclopentadiene	0.150	0.183	-22.0	179#	0.00
42	S	2,4,6-Tribromophenol	0.236	0.289	-22.5	171#	0.01
43	C	2,4,6-Trichlorophenol	0.348	0.402	-15.5	159#	0.00
44		2,4,5-Trichlorophenol	0.394	0.436	-10.7	155#	0.02
45	S	2-Fluorobiphenyl	1.291	1.243	3.7	142	0.00
46		1,1'-Biphenyl	1.455	1.427	1.9	143	0.00
47		2-Chloronaphthalene	1.094	1.096	-0.2	147	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	0.237	0.281	-18.6	158#	0.00
49		Acenaphthylene	1.674	1.681	-0.4	144	0.00
50		Dimethylphthalate	1.400	1.424	-1.7	148	0.00
51		2,6-Dinitrotoluene	0.273	0.307	-12.5	152#	0.01
52	C	Acenaphthene	1.079	1.056	2.1	145	0.00
53		3-Nitroaniline	0.293	0.331	-13.0	150#	0.02
54	P	2,4-Dinitrophenol	0.114	0.172	-50.9#	215#	0.02
55		Dibenzofuran	1.781	1.741	2.2	144	0.00
56	P	4-Nitrophenol	0.270	0.298	-10.4	152#	0.04
57		2,4-Dinitrotoluene	0.356	0.420	-18.0	157#	0.01
58		Fluorene	1.377	1.344	2.4	141	0.01
59		2,3,4,6-Tetrachlorophenol	0.357	0.403	-12.9	159#	0.02
60		Diethylphthalate	1.406	1.422	-1.1	145	0.01
61		4-Chlorophenyl-phenylether	0.682	0.683	-0.1	147	0.00
62		4-Nitroaniline	0.307	0.349	-13.7	149	0.01
63		Azobenzene	1.252	1.167	6.8	135	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	142	0.02
65		4,6-Dinitro-2-methylphenol	0.082	0.120	-46.3#	209#	0.01
66	c	n-Nitrosodiphenylamine	0.572	0.589	-3.0	146	0.01
67		4-Bromophenyl-phenylether	0.205	0.226	-10.2	157#	0.01
68		Hexachlorobenzene	0.250	0.266	-6.4	152#	0.01
69		Atrazine	0.168	0.189	-12.5	155#	0.01
70	C	Pentachlorophenol	0.169	0.198	-17.2	164#	0.02
71		Phenanthrene	1.069	1.030	3.6	137	0.01
72		Anthracene	1.025	1.026	-0.1	140	0.00
73		Carbazole	1.002	0.998	0.4	137	0.01
74		Di-n-butylphthalate	1.116	1.239	-11.0	148	0.00
75	C	Fluoranthene	1.249	1.254	-0.4	138	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	132	0.02
77		Benzidine	0.353	0.507	-43.6#	118	0.00
78		Pyrene	1.239	1.265	-2.1	136	0.01
79	S	Terphenyl-d14	0.910	0.912	-0.2	132	0.00
80		Butylbenzylphthalate	0.402	0.541	-34.6#	163#	0.00
81		Benzo(a)anthracene	1.212	1.209	0.2	132	0.01
82		3,3'-Dichlorobenzidine	0.365	0.456	-24.9	155#	0.00
83		Chrysene	1.166	1.138	2.4	130	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.792	-21.8	149	-0.01
85	c	Di-n-octyl phthalate	1.054	1.357	-28.7#	164#	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	143	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.358	-6.6	146	0.00
88		Benzo(b)fluoranthene	1.164	1.147	1.5	136	-0.01
89		Benzo(k)fluoranthene	1.158	1.093	5.6	135	-0.01
90	C	Benzo(a)pyrene	0.991	1.020	-2.9	141	-0.02
91		Dibenzo(a,h)anthracene	1.053	1.127	-7.0	147	-0.04
92		Benzo(g,h,i)perylene	1.088	1.140	-4.8	144	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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 = 2

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	145	0.00
2		1,4-Dioxane	40.000	37.074	7.3	135	0.00
3		Pyridine	40.000	38.154	4.6	135	0.00
4		n-Nitrosodimethylamine	40.000	35.626	10.9	129	0.00
5	S	2-Fluorophenol	80.000	79.902	0.1	144	0.00
6		Aniline	40.000	39.303	1.7	141	0.00
7	S	Phenol-d6	80.000	79.090	1.1	144	0.00
8		2-Chlorophenol	40.000	40.568	-1.4	147	0.00
9		Benzaldehyde	40.000	32.488	18.8	125	0.00
10	C	Phenol	40.000	38.780	3.0	142	0.01
11		bis(2-Chloroethyl)ether	40.000	38.418	4.0	143	0.00
12		1,3-Dichlorobenzene	40.000	39.280	1.8	146	0.00
13	C	1,4-Dichlorobenzene	40.000	39.630	0.9	146	0.00
14		1,2-Dichlorobenzene	40.000	39.152	2.1	144	0.00
15		Benzyl Alcohol	40.000	40.592	-1.5	151	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.122	9.7	136	0.00
17		2-Methylphenol	40.000	40.646	-1.6	146	0.01
18		Hexachloroethane	40.000	40.630	-1.6	149	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.280	1.8	143	0.00
20		3+4-Methylphenols	40.000	40.071	-0.2	147	0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	143	0.01
22		Acetophenone	40.000	39.045	2.4	142	0.00
23	S	Nitrobenzene-d5	80.000	83.838	-4.8	147	0.00
24		Nitrobenzene	40.000	40.716	-1.8	144	0.00
25		Isophorone	40.000	40.280	-0.7	145	0.01
26	C	2-Nitrophenol	40.000	48.687	-21.7#	195	0.00
27		2,4-Dimethylphenol	40.000	40.971	-2.4	148	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.712	0.7	145	0.00
29	C	2,4-Dichlorophenol	40.000	43.726	-9.3	152	0.02
30		1,2,4-Trichlorobenzene	40.000	41.157	-2.9	149	0.00
31		Naphthalene	40.000	39.315	1.7	144	0.02
32		Benzoic acid	40.000	50.471	-26.2#	205	0.04
33		4-Chloroaniline	40.000	40.686	-1.7	144	0.00
34	C	Hexachlorobutadiene	40.000	42.006	-5.0	153	0.00
35		Caprolactam	40.000	42.071	-5.2	149	0.04
36	C	4-Chloro-3-methylphenol	40.000	42.541	-6.4	150	0.02
37		2-Methylnaphthalene	40.000	39.967	0.1	145	0.01
38		1-Methylnaphthalene	40.000	39.900	0.3	147	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	146	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.626	-4.1	151	0.01
41	P	Hexachlorocyclopentadiene	40.000	48.784	-22.0	179	0.00
42	S	2,4,6-Tribromophenol	80.000	97.740	-22.2	171	0.01
43	C	2,4,6-Trichlorophenol	40.000	46.244	-15.6	159	0.00
44		2,4,5-Trichlorophenol	40.000	44.191	-10.5	155	0.02
45	S	2-Fluorobiphenyl	80.000	77.043	3.7	142	0.00
46		1,1'-Biphenyl	40.000	39.223	1.9	143	0.00
47		2-Chloronaphthalene	40.000	40.068	-0.2	147	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	42.274	-5.7	158	0.00
49		Acenaphthylene	40.000	40.174	-0.4	144	0.00
50		Dimethylphthalate	40.000	40.672	-1.7	148	0.00
51		2,6-Dinitrotoluene	40.000	44.961	-12.4	152	0.01
52	C	Acenaphthene	40.000	39.159	2.1	145	0.00
53		3-Nitroaniline	40.000	45.249	-13.1	150	0.02
54	P	2,4-Dinitrophenol	40.000	53.458	-33.6#	215	0.02
55		Dibenzofuran	40.000	39.103	2.2	144	0.00
56	P	4-Nitrophenol	40.000	44.110	-10.3	152	0.04
57		2,4-Dinitrotoluene	40.000	42.228	-5.6	157	0.01
58		Fluorene	40.000	39.047	2.4	141	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	45.184	-13.0	159	0.02
60		Diethylphthalate	40.000	40.440	-1.1	145	0.01
61		4-Chlorophenyl-phenylether	40.000	40.075	-0.2	147	0.00
62		4-Nitroaniline	40.000	45.492	-13.7	149	0.01
63		Azobenzene	40.000	37.279	6.8	135	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	142	0.02
65		4,6-Dinitro-2-methylphenol	40.000	52.312	-30.8#	209	0.01
66	c	n-Nitrosodiphenylamine	40.000	41.168	-2.9	146	0.01
67		4-Bromophenyl-phenylether	40.000	44.136	-10.3	157	0.01
68		Hexachlorobenzene	40.000	42.517	-6.3	152	0.01
69		Atrazine	40.000	44.978	-12.4	155	0.01
70	C	Pentachlorophenol	40.000	46.949	-17.4	164	0.02
71		Phenanthrene	40.000	38.563	3.6	137	0.01
72		Anthracene	40.000	40.035	-0.1	140	0.00
73		Carbazole	40.000	39.821	0.4	137	0.01
74		Di-n-butylphthalate	40.000	44.381	-11.0	148	0.00
75	C	Fluoranthene	40.000	40.166	-0.4	138	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	132	0.02
77		Benzidine	40.000	57.401	-43.5#	118	0.00
78		Pyrene	40.000	40.850	-2.1	136	0.01
79	S	Terphenyl-d14	80.000	80.210	-0.3	132	0.00
80		Butylbenzylphthalate	40.000	45.579	-13.9	163	0.00
81		Benzo(a)anthracene	40.000	39.902	0.2	132	0.01
82		3,3'-Dichlorobenzidine	40.000	50.003	-25.0#	155	0.00
83		Chrysene	40.000	39.037	2.4	130	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	48.728	-21.8	149	-0.01
85	c	Di-n-octyl phthalate	40.000	45.843	-14.6	164	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	143	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.621	-6.6	146	0.00
88		Benzo(b)fluoranthene	40.000	39.419	1.5	136	-0.01
89		Benzo(k)fluoranthene	40.000	37.735	5.7	135	-0.01
90	C	Benzo(a)pyrene	40.000	41.198	-3.0	141	-0.02
91		Dibenzo(a,h)anthracene	40.000	42.809	-7.0	147	-0.04
92		Benzo(g,h,i)perylene	40.000	41.908	-4.8	144	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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

Raw Data: **BP025187.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_P Calibration Date/Time: 07/18/2025 11:04

Lab File ID: BP025187.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.060		-6.1	
Benzaldehyde	0.769	0.712		-7.4	
Phenol-d6	1.473	1.366		-7.3	
Phenol	1.497	1.351		-9.8	20.0
bis(2-Chloroethyl)ether	1.152	1.027		-10.9	
2-Chlorophenol	1.263	1.211		-4.1	
2-Methylphenol	0.964	0.922		-4.4	
2,2-oxybis(1-Chloropropane)	1.498	1.251		-16.5	
Acetophenone	0.473	0.425		-10.1	
3+4-Methylphenols	1.350	1.285		-4.8	
n-Nitroso-di-n-propylamine	0.874	0.816	0.050	-6.6	
Nitrobenzene-d5	0.301	0.288		-4.3	
Hexachloroethane	0.466	0.455		-2.4	
Nitrobenzene	0.306	0.288		-5.9	
Isophorone	0.562	0.529		-5.9	
2-Nitrophenol	0.128	0.172		34.4	20.0
2,4-Dimethylphenol	0.210	0.200		-4.8	
bis(2-Chloroethoxy)methane	0.382	0.353		-7.6	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Naphthalene	1.030	0.936		-9.1	
4-Chloroaniline	0.384	0.359		-6.5	
Hexachlorobutadiene	0.185	0.186		0.5	20.0
Caprolactam	0.099	0.097		-2.0	
4-Chloro-3-methylphenol	0.304	0.296		-2.6	20.0
2-Methylnaphthalene	0.727	0.675		-7.2	
Hexachlorocyclopentadiene	0.150	0.168	0.050	12.0	
2,4,6-Trichlorophenol	0.348	0.368		5.7	20.0
2-Fluorobiphenyl	1.291	1.166		-9.7	
2,4,5-Trichlorophenol	0.394	0.406		3.0	
1,1-Biphenyl	1.455	1.318		-9.4	
2-Chloronaphthalene	1.094	0.997		-8.9	
2-Nitroaniline	0.237	0.256		8.0	
Dimethylphthalate	1.400	1.304		-6.9	
Acenaphthylene	1.674	1.527		-8.8	
2,6-Dinitrotoluene	0.273	0.286		4.8	
3-Nitroaniline	0.293	0.306		4.4	
Acenaphthene	1.079	0.968		-10.3	20.0
2,4-Dinitrophenol	0.114	0.169	0.050	48.2	
4-Nitrophenol	0.270	0.276	0.050	2.2	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: BNA_P Calibration Date/Time: 07/18/2025 11:04

Lab File ID: BP025187.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.614		-9.4	
2,4-Dinitrotoluene	0.356	0.392		10.1	
Diethylphthalate	1.406	1.340		-4.7	
4-Chlorophenyl-phenylether	0.682	0.626		-8.2	
Fluorene	1.377	1.237		-10.2	
4-Nitroaniline	0.307	0.328		6.8	
4,6-Dinitro-2-methylphenol	0.082	0.114		39.0	
n-Nitrosodiphenylamine	0.572	0.539		-5.8	20.0
2,4,6-Tribromophenol	0.236	0.273		15.7	
4-Bromophenyl-phenylether	0.205	0.211		2.9	
Hexachlorobenzene	0.250	0.249		-0.4	
Atrazine	0.168	0.146		-13.1	
Pentachlorophenol	0.169	0.185		9.5	20.0
Phenanthrene	1.069	0.966		-9.6	
Anthracene	1.025	0.955		-6.8	
Carbazole	1.002	0.943		-5.9	
Di-n-butylphthalate	1.116	1.193		6.9	
Fluoranthene	1.249	1.197		-4.2	20.0
Pyrene	1.239	1.139		-8.1	
Terphenyl-d14	0.910	0.855		-6.0	
Butylbenzylphthalate	0.402	0.513		27.6	
3,3-Dichlorobenzidine	0.365	0.436		19.5	
Benzo(a)anthracene	1.212	1.128		-6.9	
Chrysene	1.166	1.080		-7.4	
Bis(2-ethylhexyl)phthalate	0.650	0.772		18.8	
Di-n-octyl phthalate	1.054	1.342		27.3	20.0
Benzo(b)fluoranthene	1.164	1.062		-8.8	
Benzo(k)fluoranthene	1.158	1.036		-10.5	
Benzo(a)pyrene	0.991	0.943		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.283		0.7	
Dibenzo(a,h)anthracene	1.053	1.055		0.2	
Benzo(g,h,i)perylene	1.088	1.062		-2.4	
1,2,4,5-Tetrachlorobenzene	0.575	0.552		-4.0	
1,4-Dioxane	0.439	0.381		-13.2	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.373		4.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	531610	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2146082	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1427548	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2869297	20.000	ng	0.02
76) Chrysene-d12	21.348	240	3091728	20.000	ng	0.00
86) Perylene-d12	24.495	264	3620682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2254632	75.147	ng	0.00
7) Phenol-d6	6.637	99	2904926	74.193	ng	0.00
23) Nitrobenzene-d5	8.572	82	2469800	76.537	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1558969	92.443	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	6660491	72.279	ng	0.00
79) Terphenyl-d14	19.672	244	10572248	75.154	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	404589	34.679	ng	97
3) Pyridine	3.490	79	1119432	35.046	ng	98
4) n-Nitrosodimethylamine	3.402	42	447383	33.080	ng	90
6) Aniline	6.784	93	1318748	36.049	ng	99
8) 2-Chlorophenol	7.013	128	1287776	38.362	ng	98
9) Benzaldehyde	6.596	77	756528	36.998	ng	97
10) Phenol	6.666	94	1436852	36.117	ng	97
11) bis(2-Chloroethyl)ether	6.878	93	1091520	35.650	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1369686	36.457	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1393382	36.631	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1352041	36.950	ng	99
15) Benzyl Alcohol	7.678	79	1004233	38.428	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1330526	33.421	ng	98
17) 2-Methylphenol	7.884	107	980663	38.267	ng	99
18) Hexachloroethane	8.496	117	483508	39.019	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	867767	37.371	ng	96
20) 3+4-Methylphenols	8.208	107	1365751	38.048	ng	99
22) Acetophenone	8.243	105	1825851	35.975	ng	98
24) Nitrobenzene	8.613	77	1235576	37.591	ng	95
25) Isophorone	9.137	82	2269615	37.635	ng	99
26) 2-Nitrophenol	9.313	139	737848	46.379	ng	96
27) 2,4-Dimethylphenol	9.390	122	858307	38.154	ng	98
28) bis(2-Chloroethoxy)met...	9.619	93	1516406	37.033	ng	99
29) 2,4-Dichlorophenol	9.849	162	1250689	40.095	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1315259	38.076	ng	97
31) Naphthalene	10.237	128	4018592	36.365	ng	100
32) Benzoic acid	9.537	122	1059596	47.258	ng	96
33) 4-Chloroaniline	10.343	127	1539023	37.319	ng	99
34) Hexachlorobutadiene	10.537	225	798092	40.261	ng	99
35) Caprolactam	11.125	113	416773	39.056	ng	96
36) 4-Chloro-3-methylphenol	11.490	107	1272371	39.033	ng	98
37) 2-Methylnaphthalene	11.860	142	2899215	37.184	ng	99
38) 1-Methylnaphthalene	12.090	142	2804639	36.882	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1574766	38.383	ng	99
41) Hexachlorocyclopentadiene	12.225	237	479972	44.788	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1051946	42.344	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1160384	41.215	ng		97
46) 1,1'-Biphenyl	12.901	154	3763681	36.236	ng		99
47) 2-Chloronaphthalene	12.943	162	2846065	36.457	ng		99
48) 2-Nitroaniline	13.148	65	729633	38.721	ng		93
49) Acenaphthylene	13.807	152	4359655	36.487	ng		100
50) Dimethylphthalate	13.560	163	3721862	37.245	ng		99
51) 2,6-Dinitrotoluene	13.672	165	817897	41.967	ng		90
52) Acenaphthene	14.160	154	2763754	35.888	ng		99
53) 3-Nitroaniline	14.001	138	872454	41.772	ng		98
54) 2,4-Dinitrophenol	14.219	184	483431	52.724	ng	#	89
55) Dibenzofuran	14.507	168	4608837	36.263	ng		99
56) 4-Nitrophenol	14.337	139	787961	40.881	ng		96
57) 2,4-Dinitrotoluene	14.478	165	1117932	39.574	ng		91
58) Fluorene	15.178	166	3532450	35.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1065574	41.795	ng		95
60) Diethylphthalate	14.966	149	3824481	38.105	ng		99
61) 4-Chlorophenyl-phenyle...	15.184	204	1786967	36.732	ng		96
62) 4-Nitroaniline	15.195	138	937172	42.792	ng		94
63) Azobenzene	15.484	77	3086011	34.529	ng		96
65) 4,6-Dinitro-2-methylph...	15.260	198	656883	50.040	ng		99
66) n-Nitrosodiphenylamine	15.395	169	3093337	37.671	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1210335	41.198	ng		99
68) Hexachlorobenzene	16.207	284	1431153	39.855	ng		98
69) Atrazine	16.395	200	839410	34.885	ng		99
70) Pentachlorophenol	16.572	266	1062970	43.832	ng		99
71) Phenanthrene	16.966	178	5542867	36.153	ng		100
72) Anthracene	17.054	178	5481414	37.266	ng		100
73) Carbazole	17.342	167	5410553	37.621	ng		99
74) Di-n-butylphthalate	17.966	149	6847818	42.758	ng		99
75) Fluoranthene	19.066	202	6866434	38.314	ng		99
77) Benzidine	19.272	184	3389454	62.073	ng		97
78) Pyrene	19.442	202	7042387	36.776	ng		100
80) Butylbenzylphthalate	20.425	149	3174538	43.409	ng		96
81) Benzo(a)anthracene	21.330	228	6977868	37.242	ng		99
82) 3,3'-Dichlorobenzidine	21.266	252	2693075	47.747	ng		99
83) Chrysene	21.395	228	6675791	37.025	ng		100
84) Bis(2-ethylhexyl)phtha...	21.313	149	4774117	47.504	ng		98
85) Di-n-octyl phthalate	22.530	149	8298951	45.411	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	9288491m	40.270	ng		
88) Benzo(b)fluoranthene	23.513	252	7692853	36.504	ng		99
89) Benzo(k)fluoranthene	23.577	252	7500297	35.769	ng		99
90) Benzo(a)pyrene	24.348	252	6827776	38.067	ng		100
91) Dibenzo(a,h)anthracene	28.142	278	7639998	40.071	ng		98
92) Benzo(g,h,i)perylene	29.136	276	7688711	39.037	ng		100

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

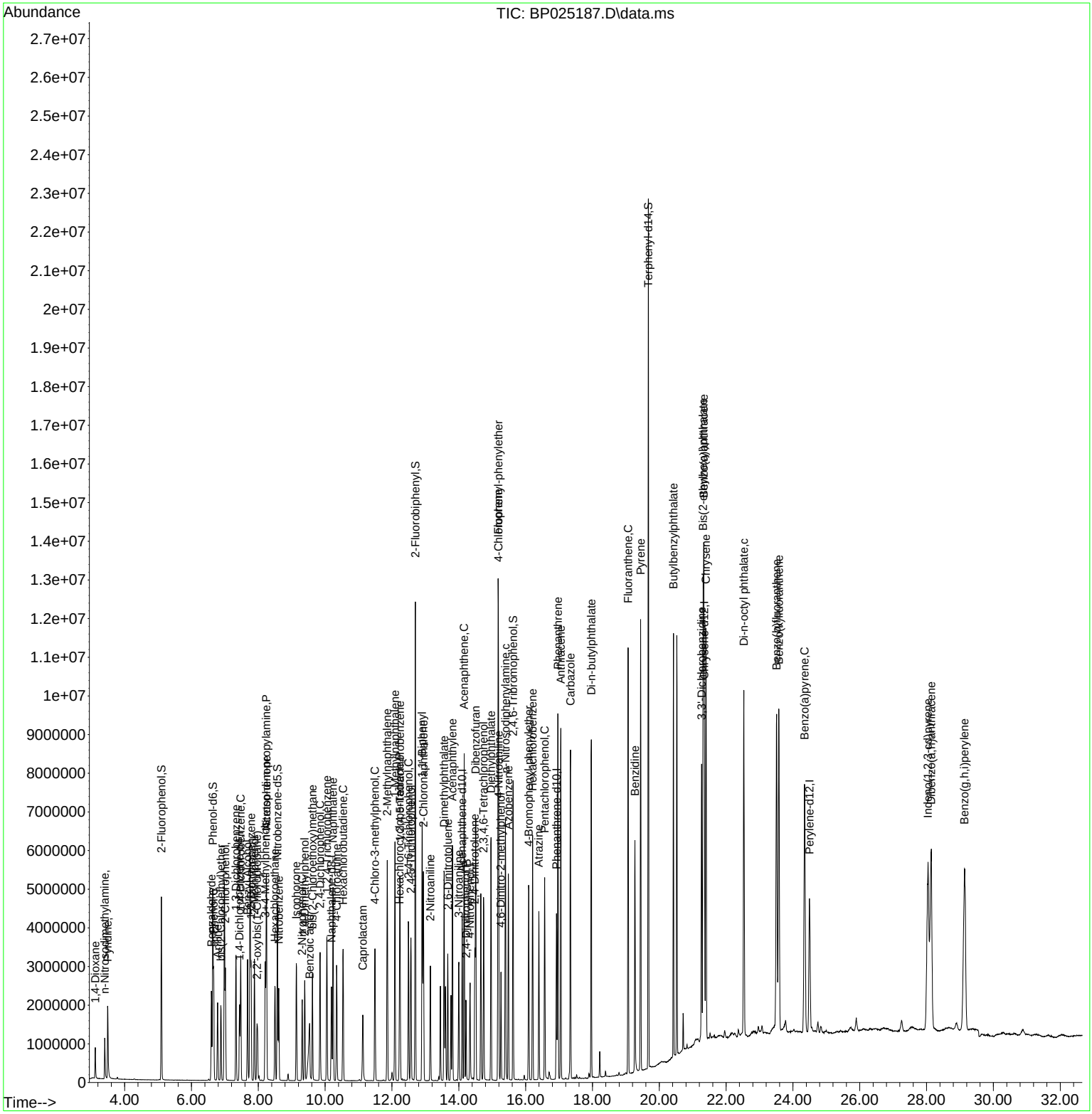
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

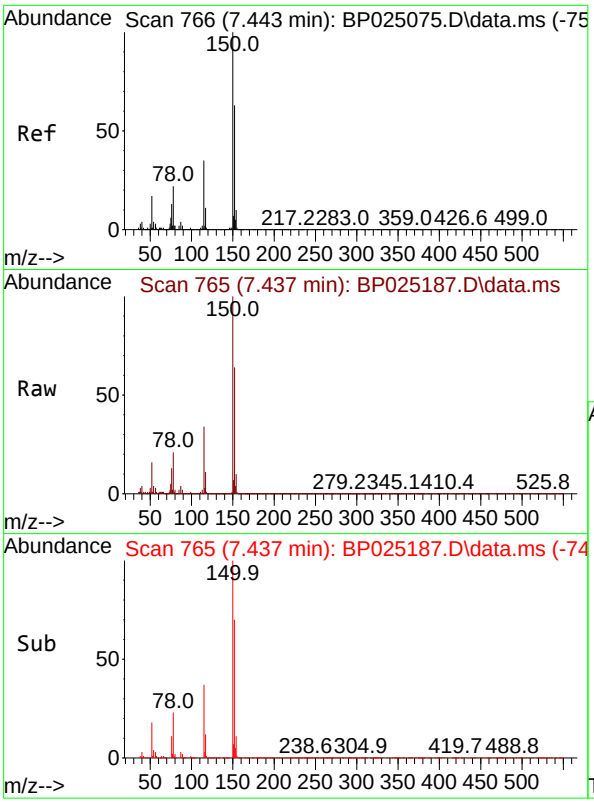
Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

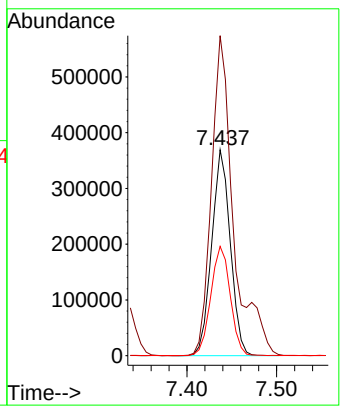




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:152 Resp: 53161

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.1	189.1
115	53.1	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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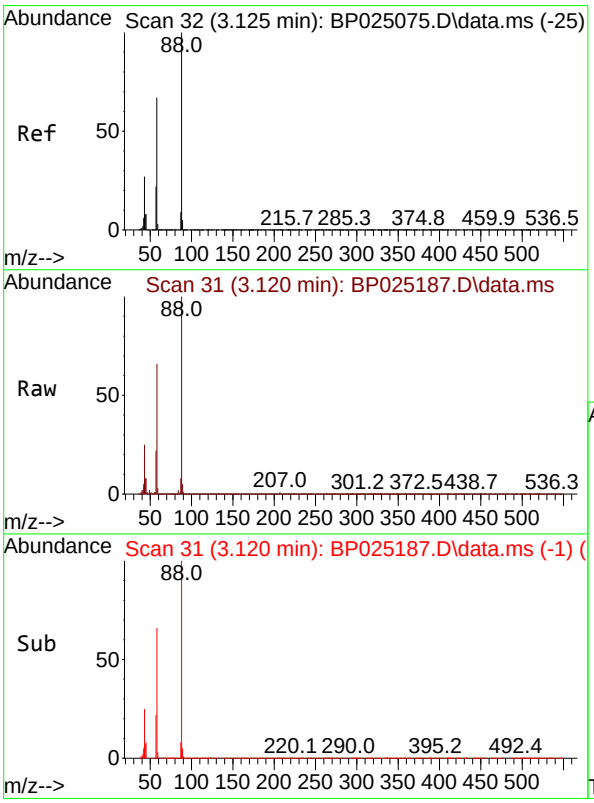
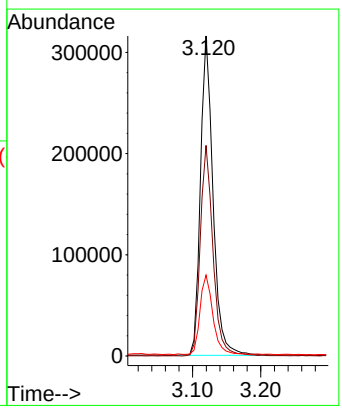
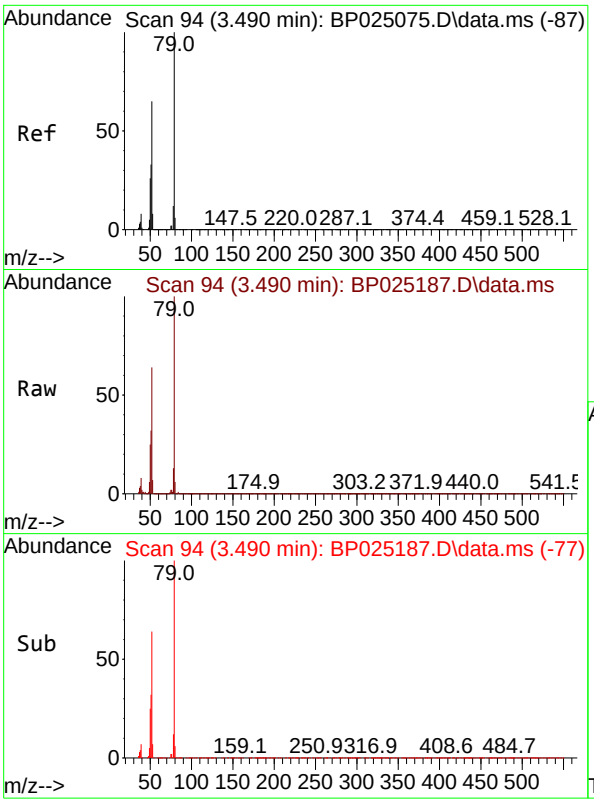


#2
1,4-Dioxane
Concen: 34.679 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 88 Resp: 404589

Ion	Ratio	Lower	Upper
88	100		
58	66.7	55.0	82.4
43	25.6	21.9	32.9

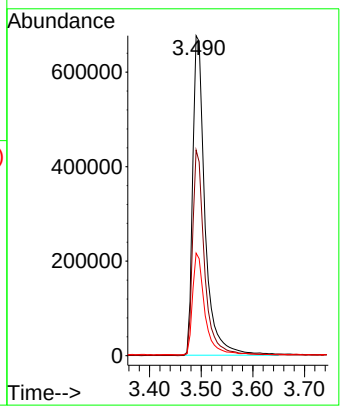




#3
Pyridine
Concen: 35.046 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 79 Resp: 111943

Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.2	78.4
51	32.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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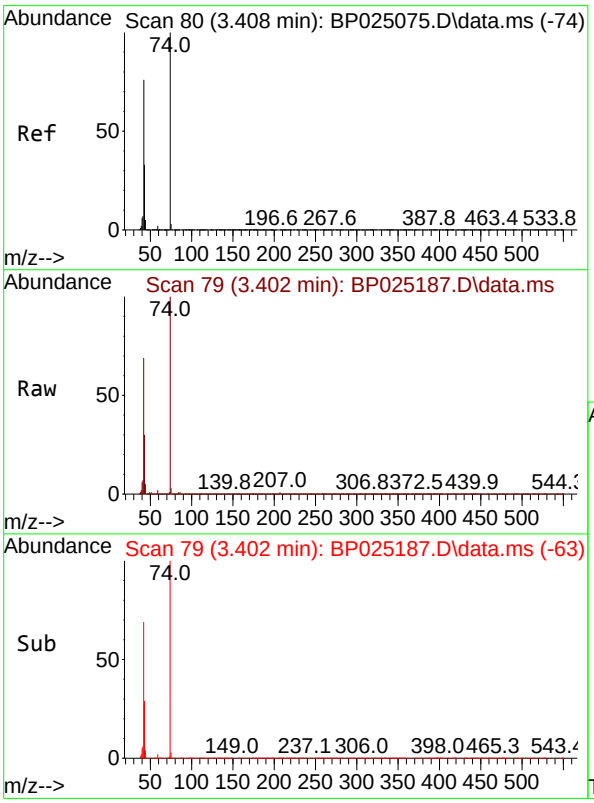
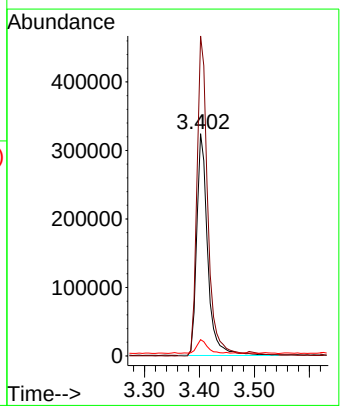
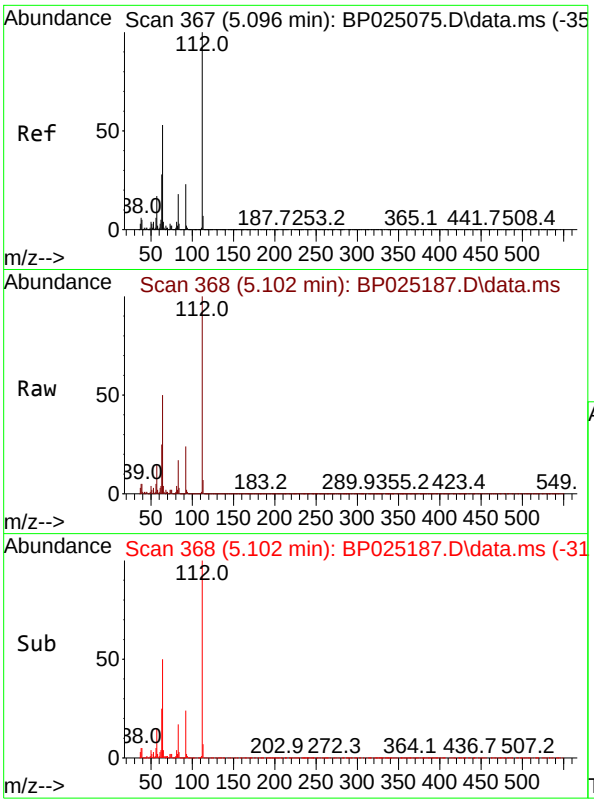


#4
n-Nitrosodimethylamine
Concen: 33.080 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 42 Resp: 447383

Ion	Ratio	Lower	Upper
42	100		
74	144.0	105.2	157.8
44	7.4	6.6	9.8





#5
2-Fluorophenol
Concen: 75.147 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:112 Resp: 225463

Ion	Ratio	Lower	Upper
112	100		
64	49.5	42.0	63.0
63	25.1	22.2	33.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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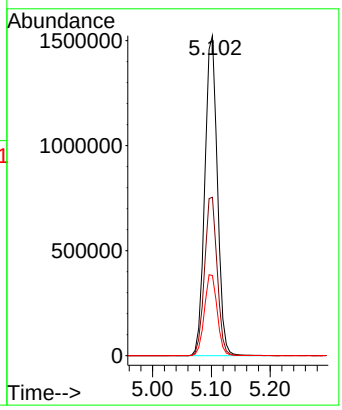
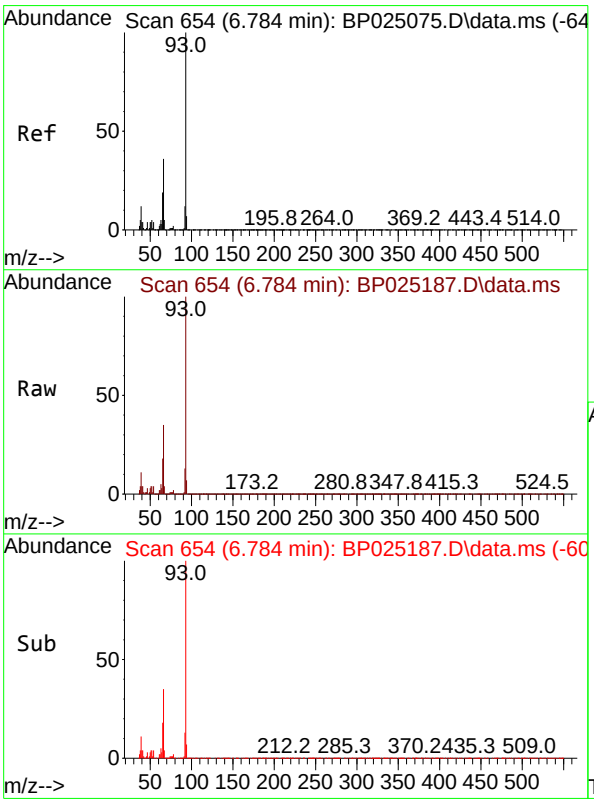
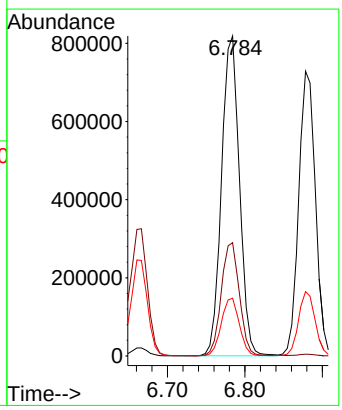


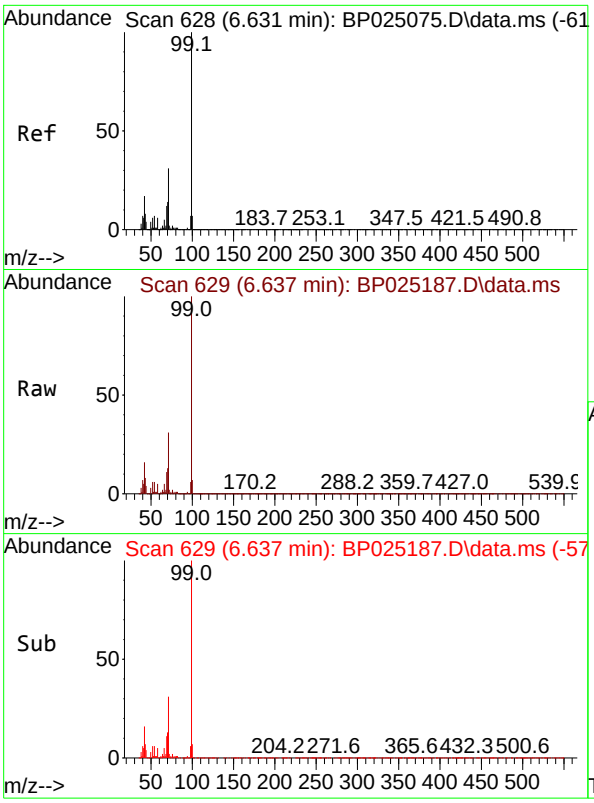


#6
Aniline
Concen: 36.049 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 93 Resp: 1318748

Ion	Ratio	Lower	Upper
93	100		
66	35.4	28.9	43.3
65	18.1	15.2	22.8

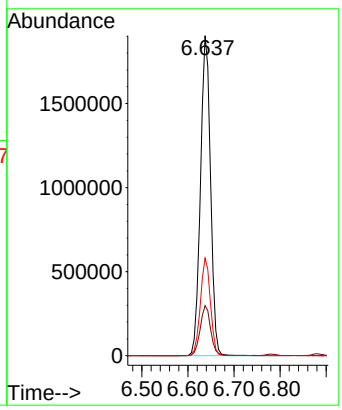




#7
Phenol-d6
Concen: 74.193 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 99 Resp: 290492

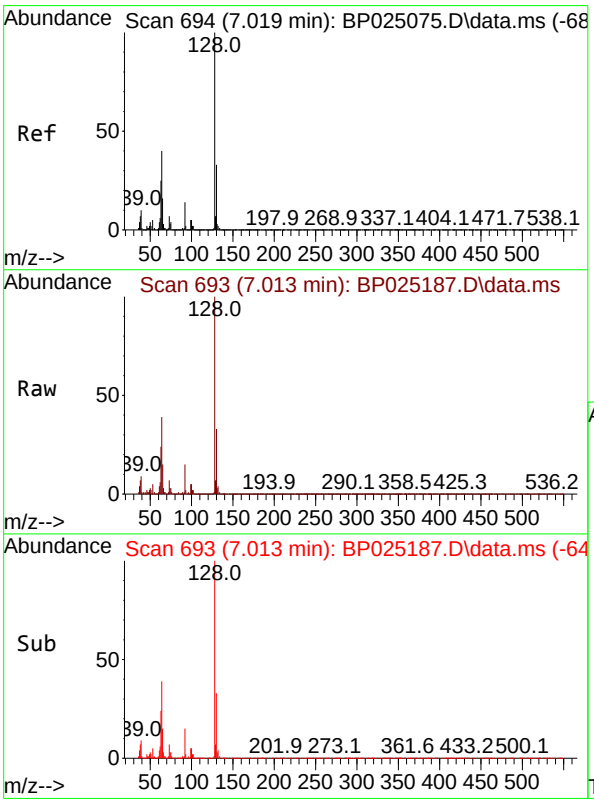
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.6	20.4
71	30.5	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

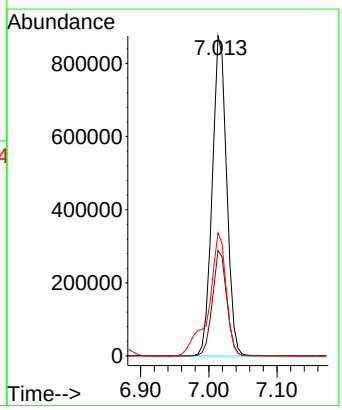
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

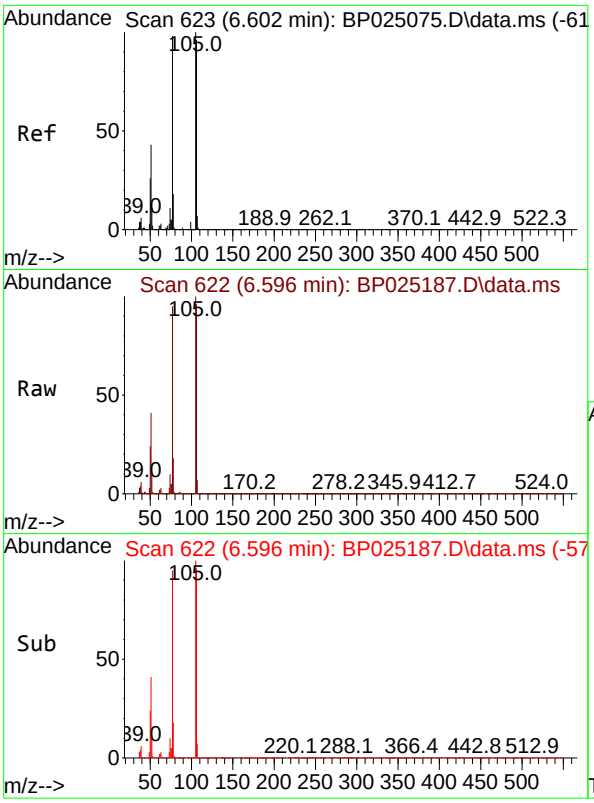


#8
2-Chlorophenol
Concen: 38.362 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:128 Resp: 1287776

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	38.5	20.3	60.3

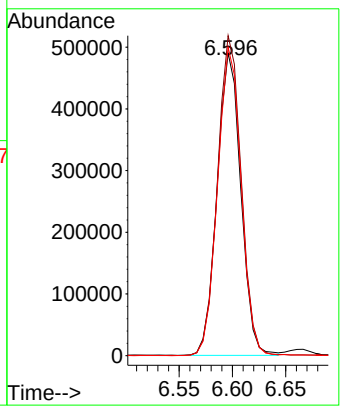




#9
Benzaldehyde
Concen: 36.998 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 77 Resp: 75652

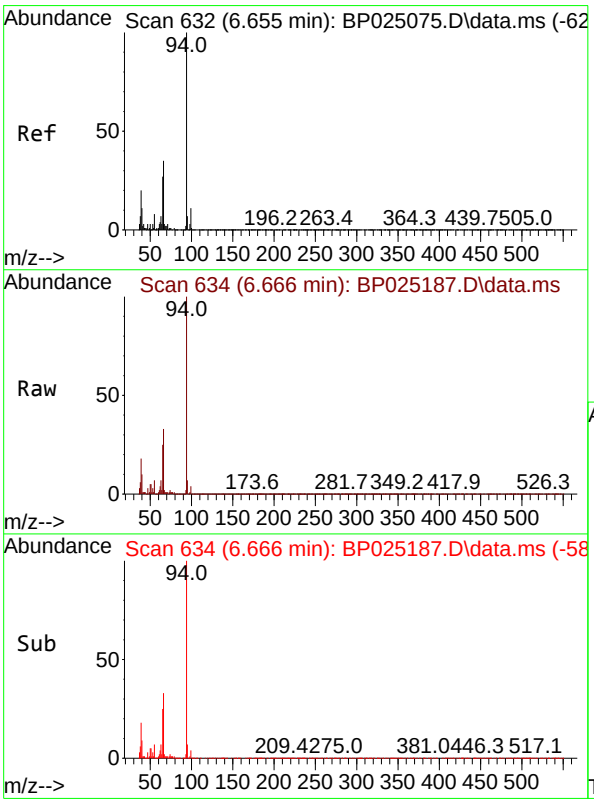
Ion	Ratio	Lower	Upper
77	100		
105	105.8	82.4	122.4
106	101.9	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

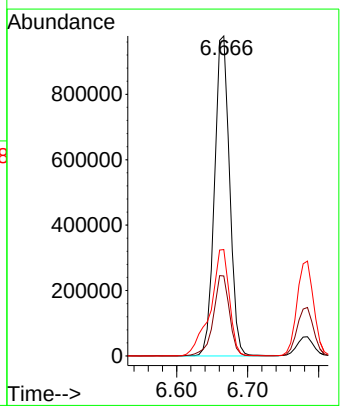
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

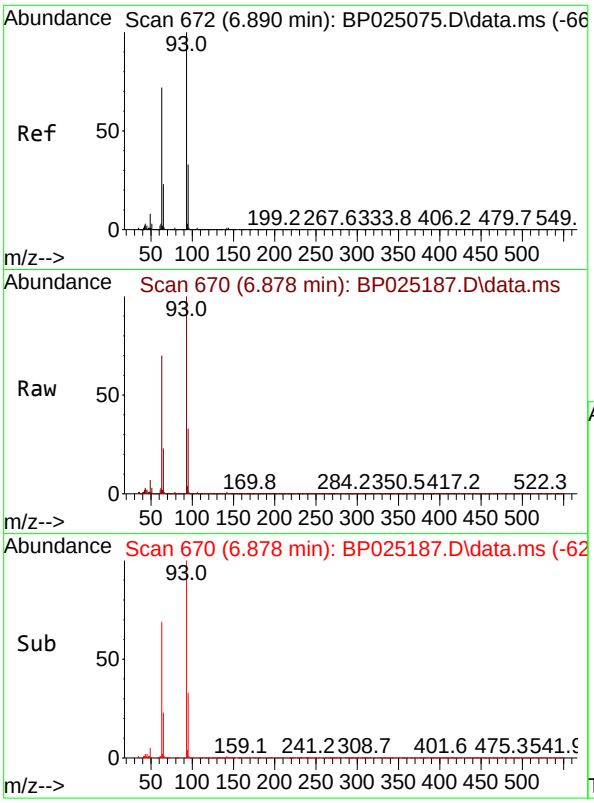


#10
Phenol
Concen: 36.117 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 94 Resp: 1436852

Ion	Ratio	Lower	Upper
94	100		
65	25.0	6.9	46.9
66	33.3	14.6	54.6

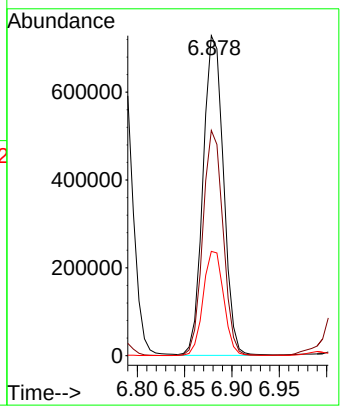




#11
bis(2-Chloroethyl)ether
Concen: 35.650 ng
RT: 6.878 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 93 Resp: 109152

Ion	Ratio	Lower	Upper
93	100		
63	70.4	51.9	91.9
95	32.6	12.4	52.4



Instrument :
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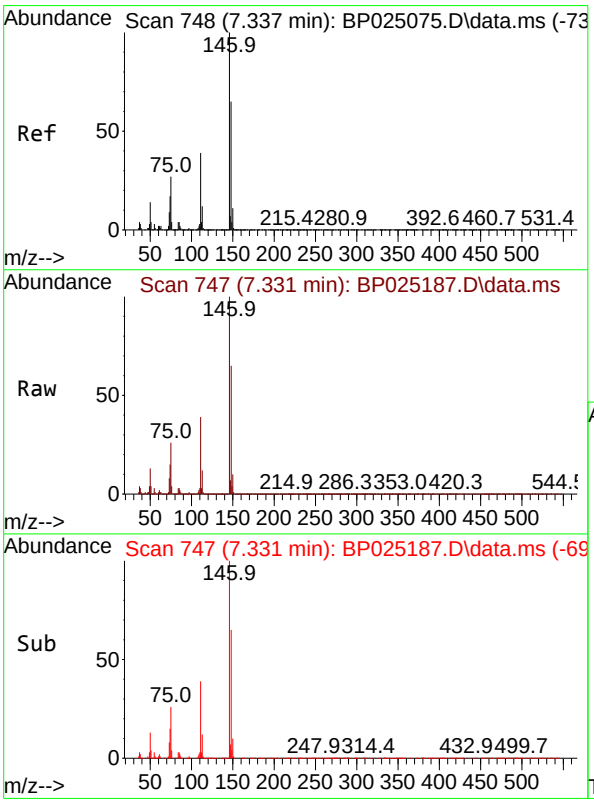
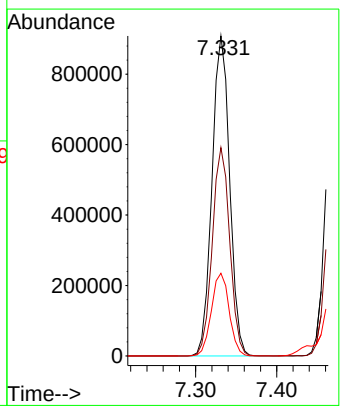
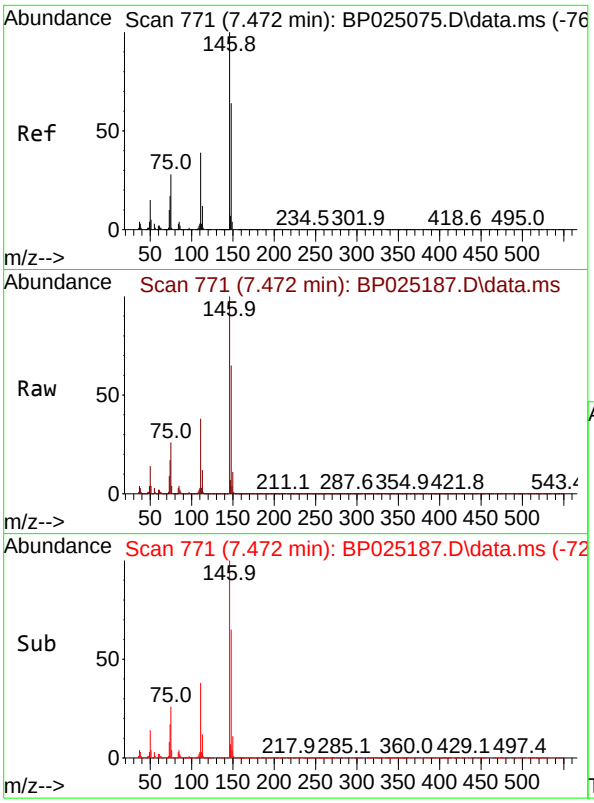


#12
1,3-Dichlorobenzene
Concen: 36.457 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:146 Resp: 1369686

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
75	25.9	21.8	32.6





#13
1,4-Dichlorobenzene
Concen: 36.631 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:146 Resp: 139338

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	37.9	31.2	46.8

Instrument :
BNA_P
ClientSampleId :
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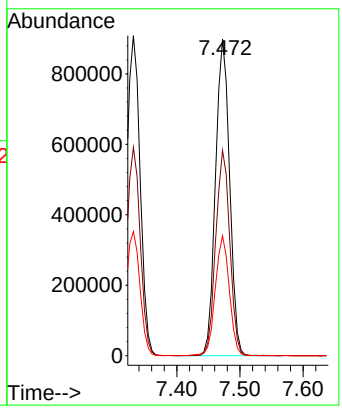
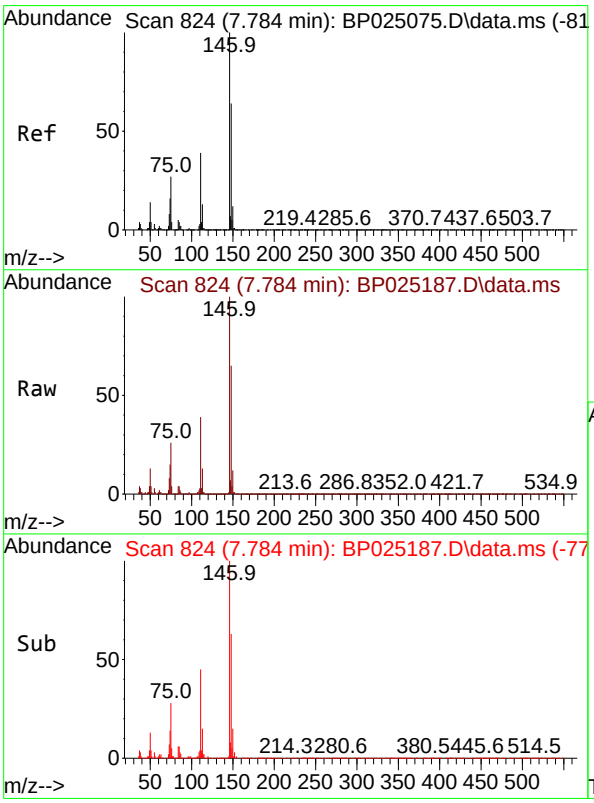
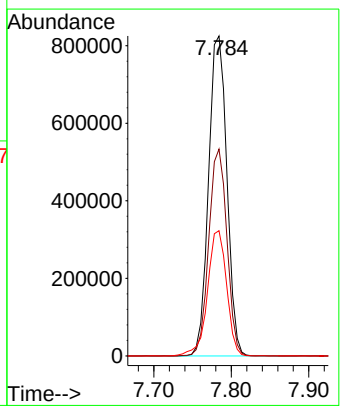


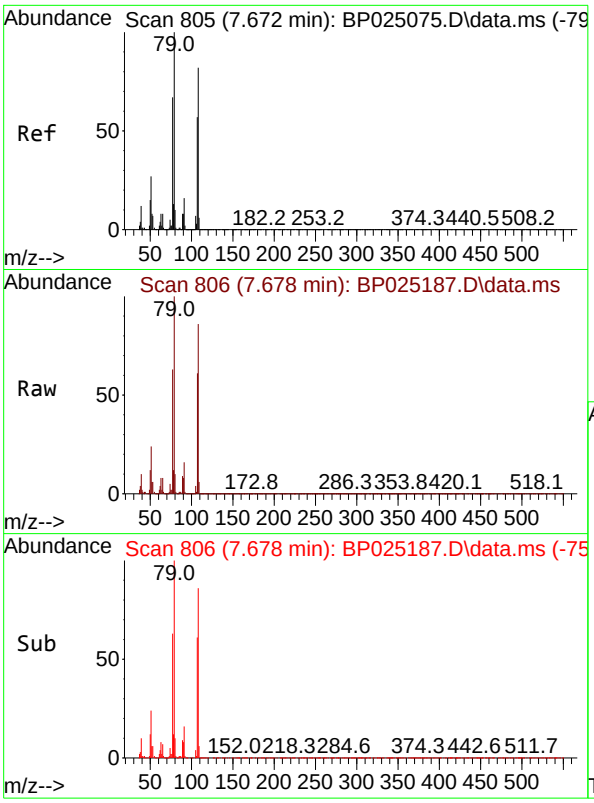


#14
1,2-Dichlorobenzene
Concen: 36.950 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:146 Resp: 1352041

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	39.1	31.2	46.8

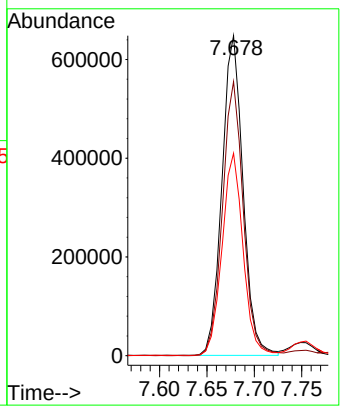




#15
Benzyl Alcohol
Concen: 38.428 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 79 Resp: 100423

Ion	Ratio	Lower	Upper
79	100		
108	85.6	66.0	99.0
77	63.3	53.4	80.2



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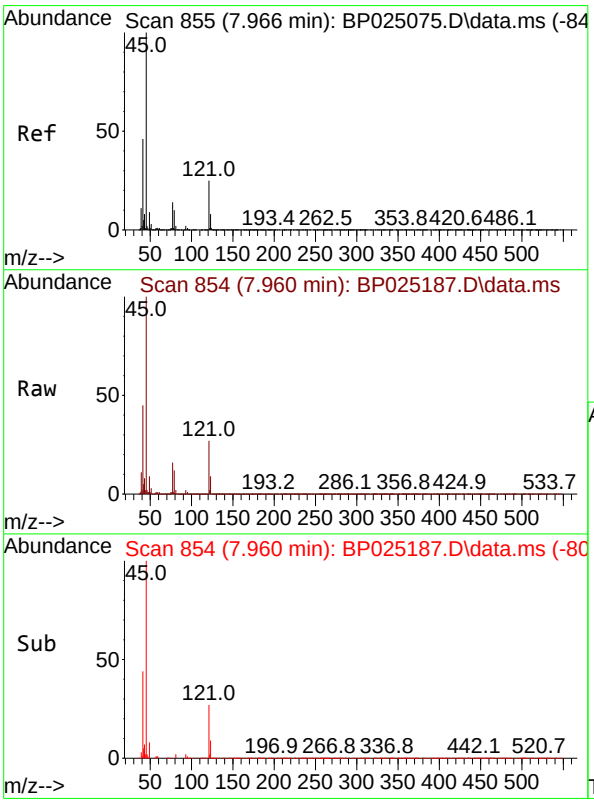
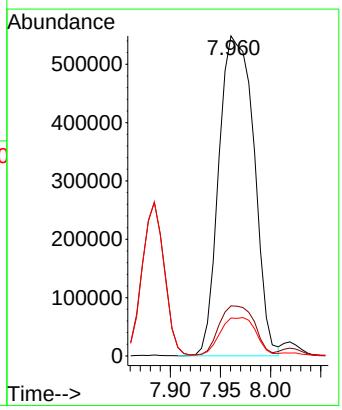
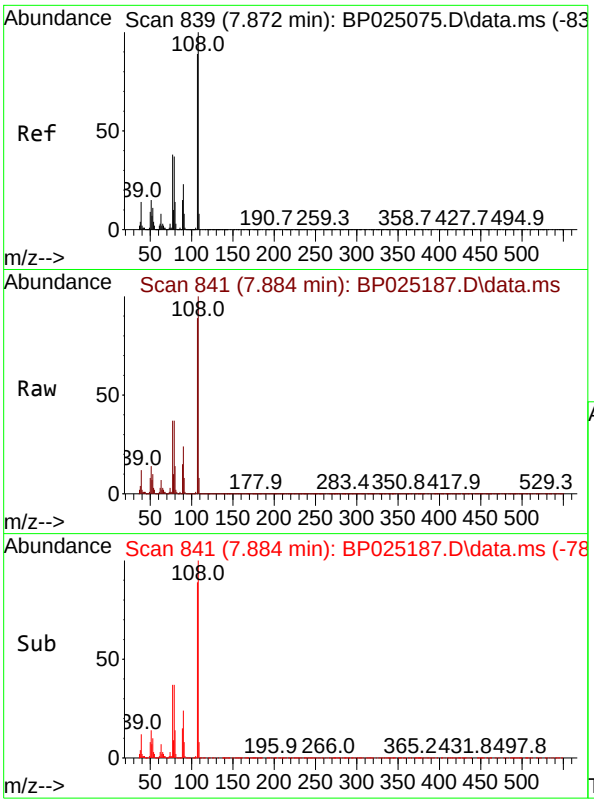


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.421 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 45 Resp: 1330526

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.8
79	11.9	0.0	30.7

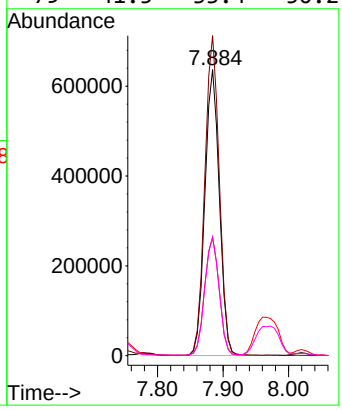




#17
2-Methylphenol
Concen: 38.267 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:107 Resp: 98066

Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.7	134.5
77	41.3	34.2	51.4
79	41.5	33.4	50.2



Instrument :
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ClientSampleId :
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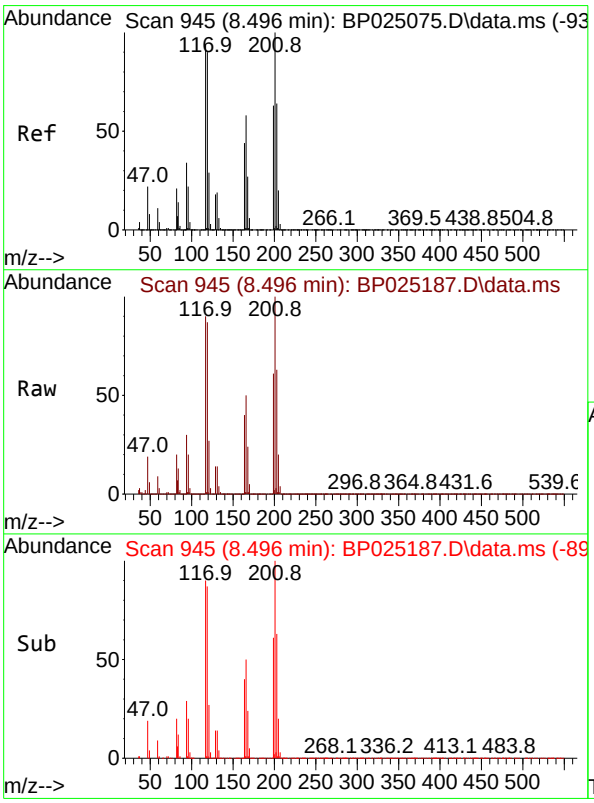
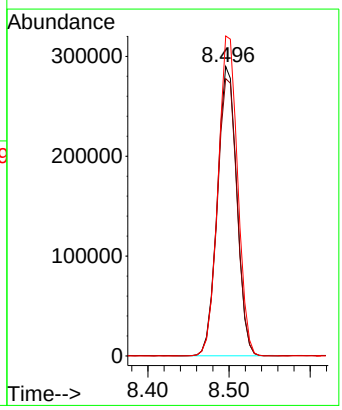
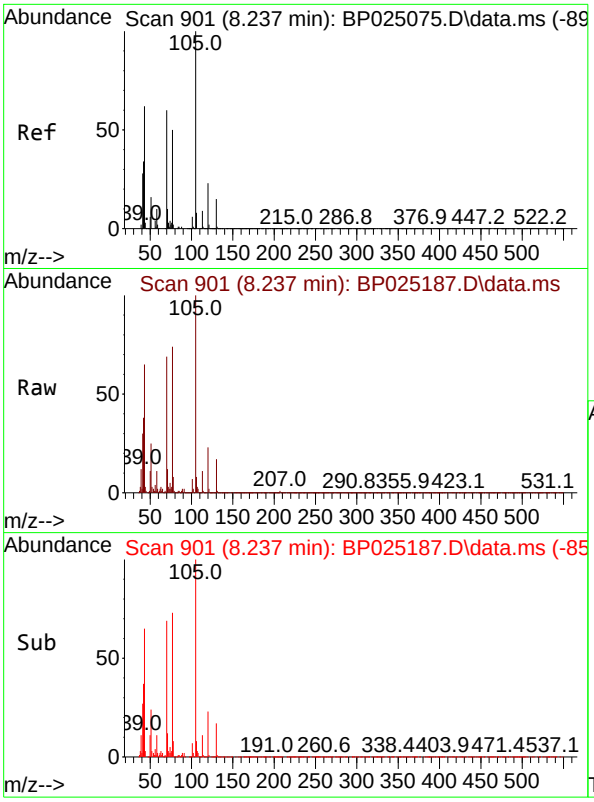


#18
Hexachloroethane
Concen: 39.019 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:117 Resp: 483508

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	110.6	85.4	128.2

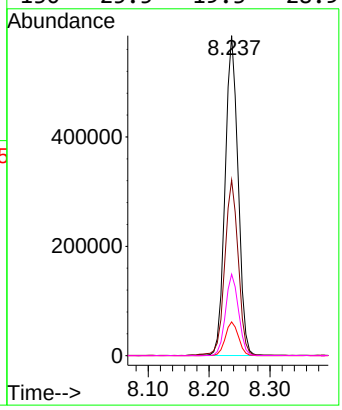




#19
n-Nitroso-di-n-propylamine
Concen: 37.371 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 70 Resp: 86776

Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.5	69.7
101	10.6	7.9	11.9
130	25.5	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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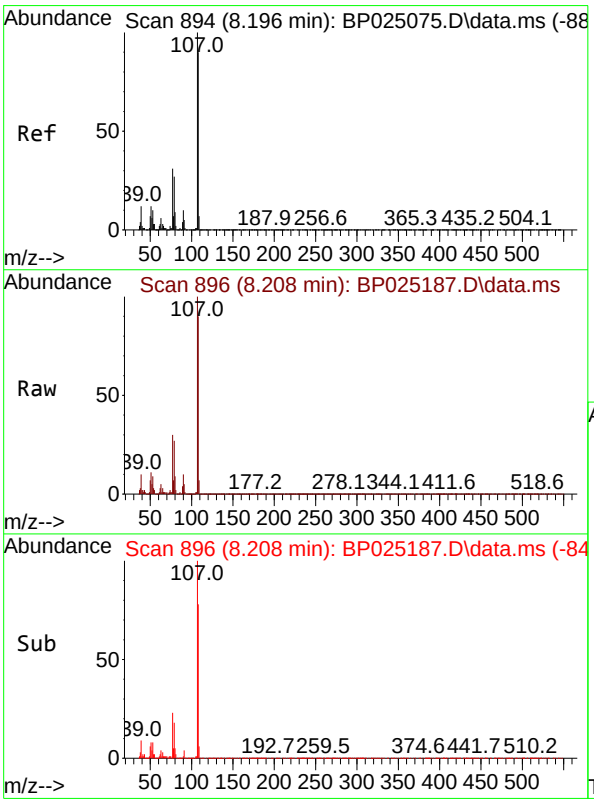
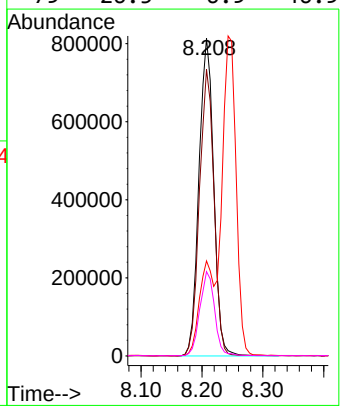
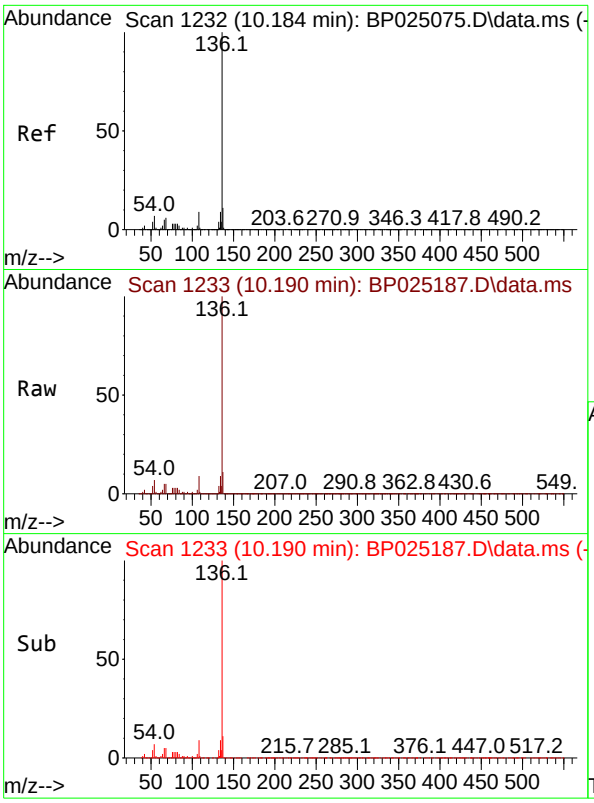


#20
3+4-Methylphenols
Concen: 38.048 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:107 Resp: 1365751

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.5	109.5
77	29.9	11.4	51.4
79	26.5	6.9	46.9

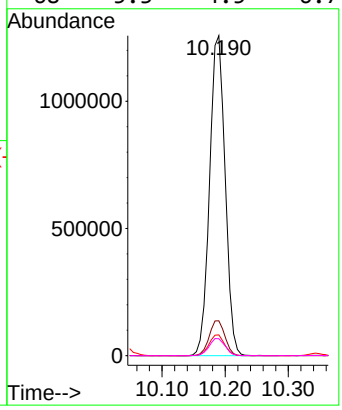




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:136 Resp: 214608

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.3	4.5	6.7



Instrument :
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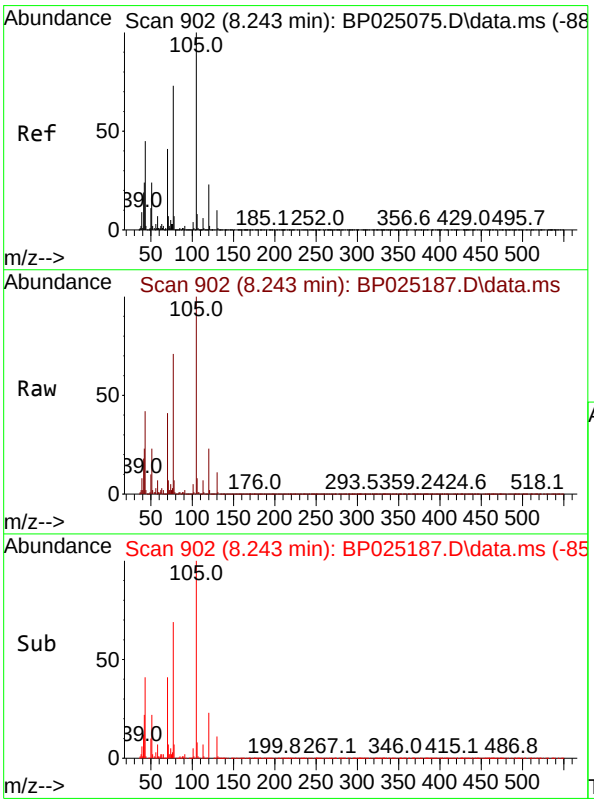
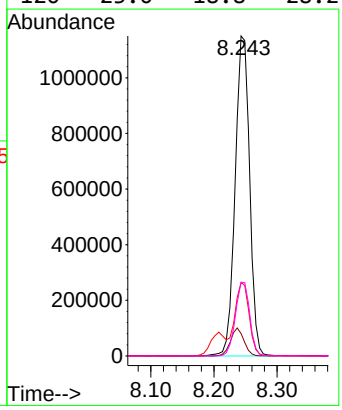
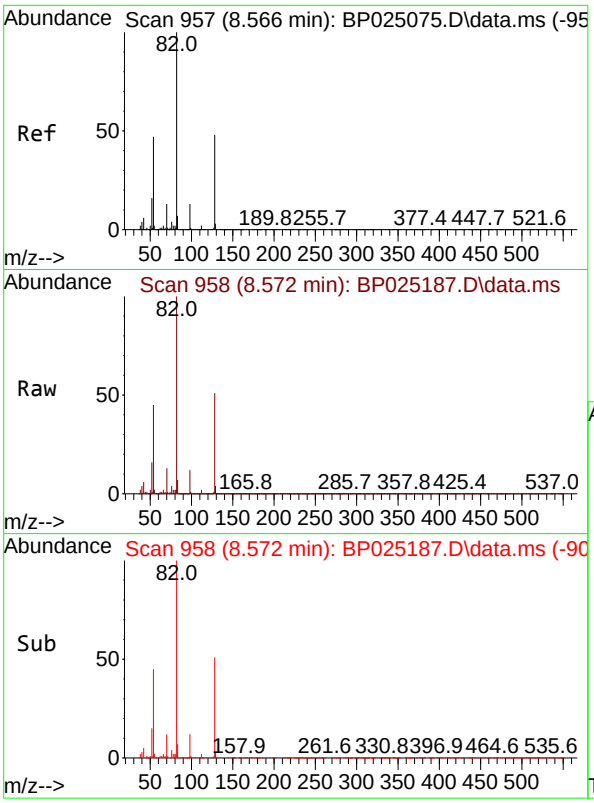


#22
Acetophenone
Concen: 35.975 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:105 Resp: 1825851

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.2
51	23.0	19.6	29.4
120	23.0	18.8	28.2





#23
Nitrobenzene-d5
Concen: 76.537 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 82 Resp: 246980

Ion	Ratio	Lower	Upper
82	100		
128	50.7	38.4	57.6
54	45.3	37.8	56.6

Instrument :
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ClientSampleId :
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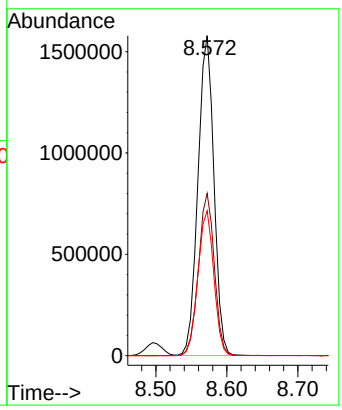
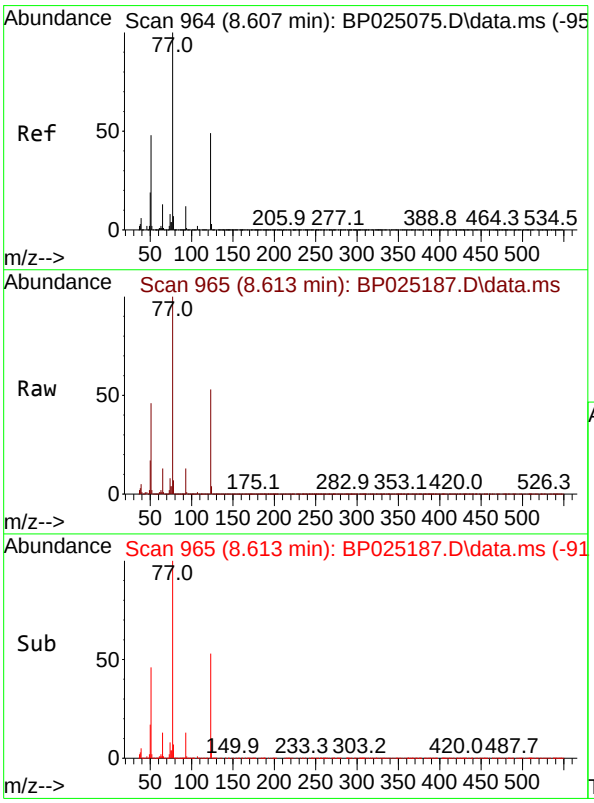
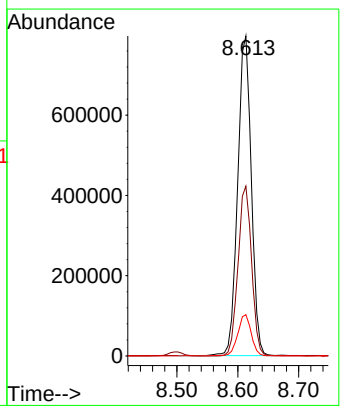


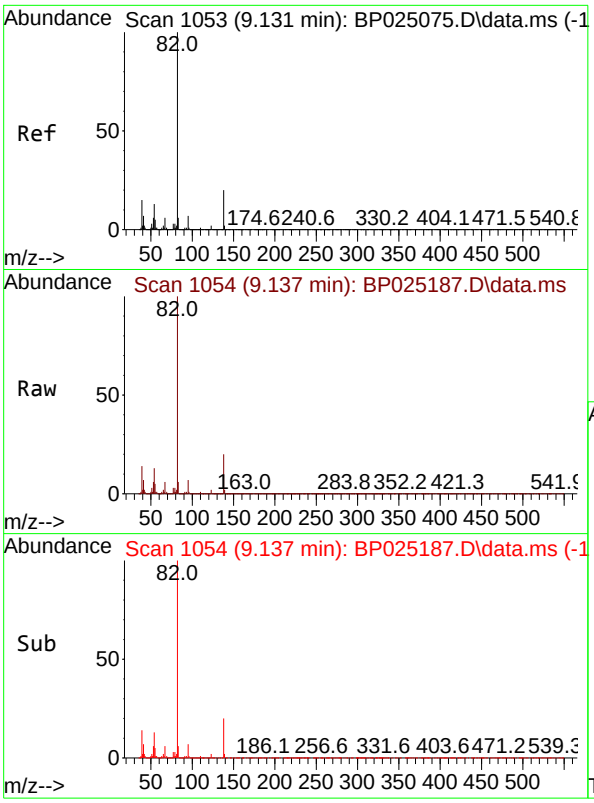


#24
Nitrobenzene
Concen: 37.591 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 77 Resp: 1235576

Ion	Ratio	Lower	Upper
77	100		
123	53.0	39.0	58.6
65	12.9	10.7	16.1

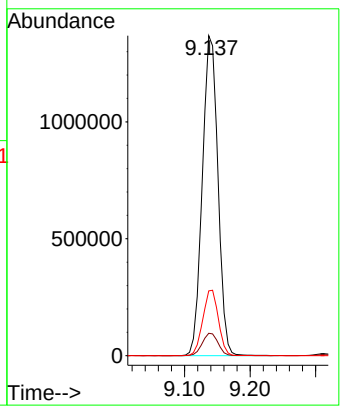




#25
Isophorone
Concen: 37.635 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 82 Resp: 226961

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	20.2	15.7	23.5



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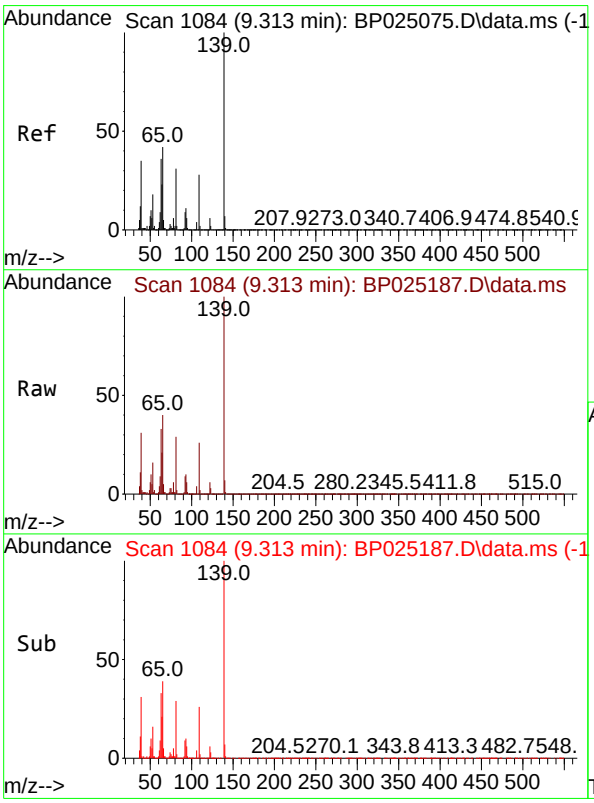
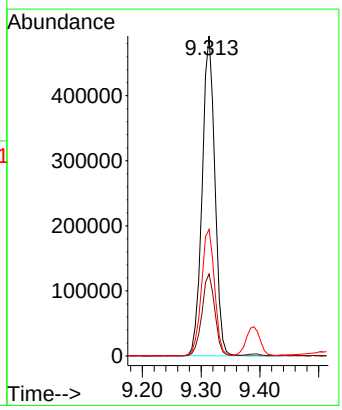
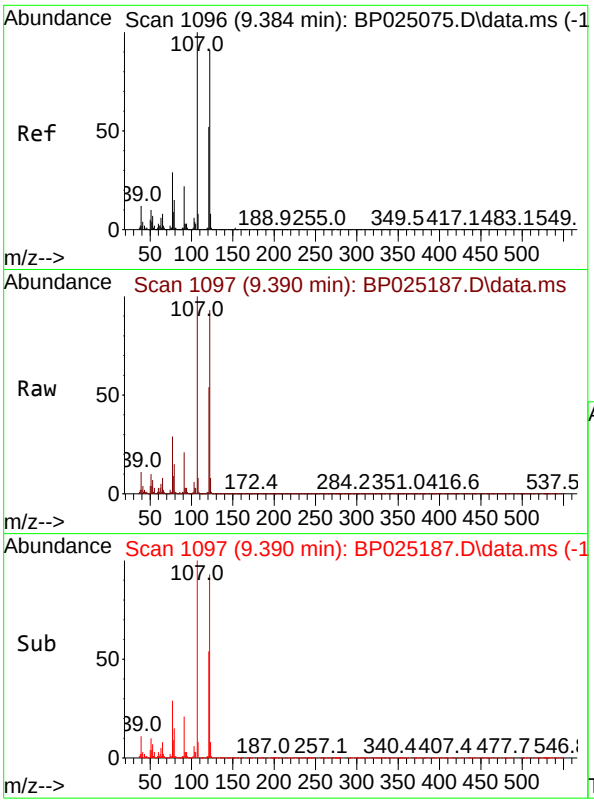


#26
2-Nitrophenol
Concen: 46.379 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:139 Resp: 737848

Ion	Ratio	Lower	Upper
139	100		
109	25.6	22.3	33.5
65	39.5	33.8	50.8

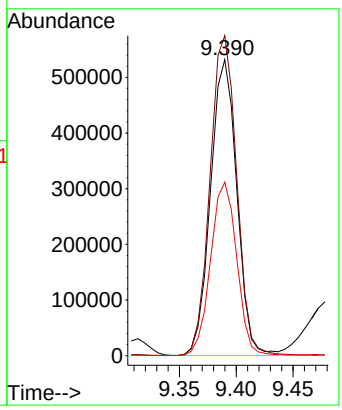




#27
2,4-Dimethylphenol
Concen: 38.154 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:122 Resp: 85830

Ion	Ratio	Lower	Upper
122	100		
107	108.1	88.2	132.2
121	58.6	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
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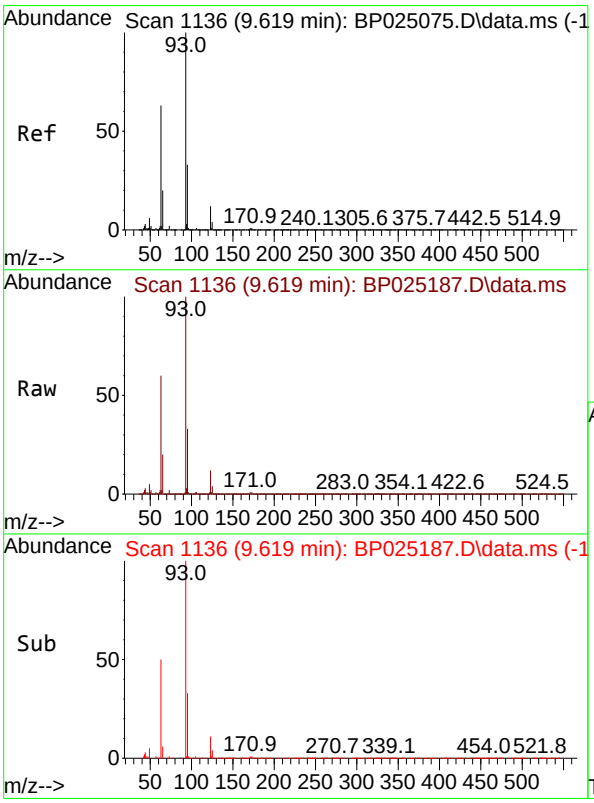
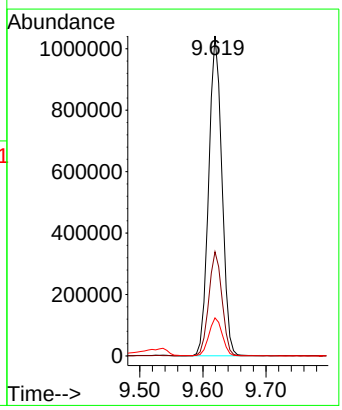
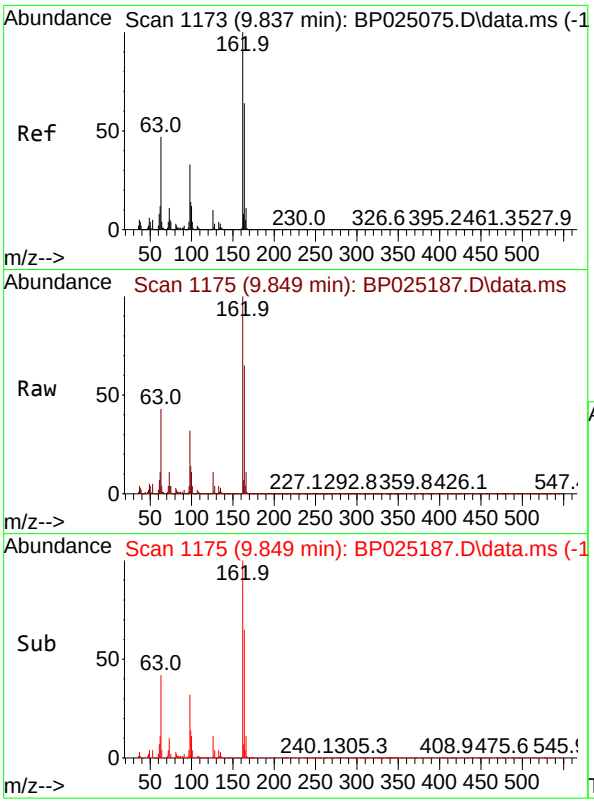


#28
bis(2-Chloroethoxy)methane
Concen: 37.033 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 93 Resp: 1516406

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.9	10.1	15.1

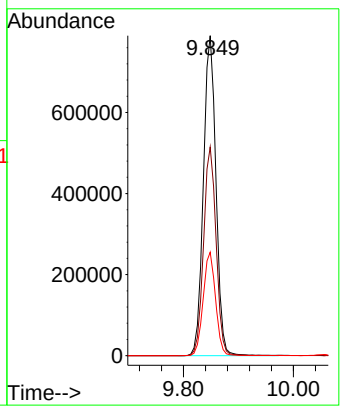




#29
2,4-Dichlorophenol
Concen: 40.095 ng
RT: 9.849 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:162 Resp: 125068

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	32.3	13.1	53.1



Instrument :
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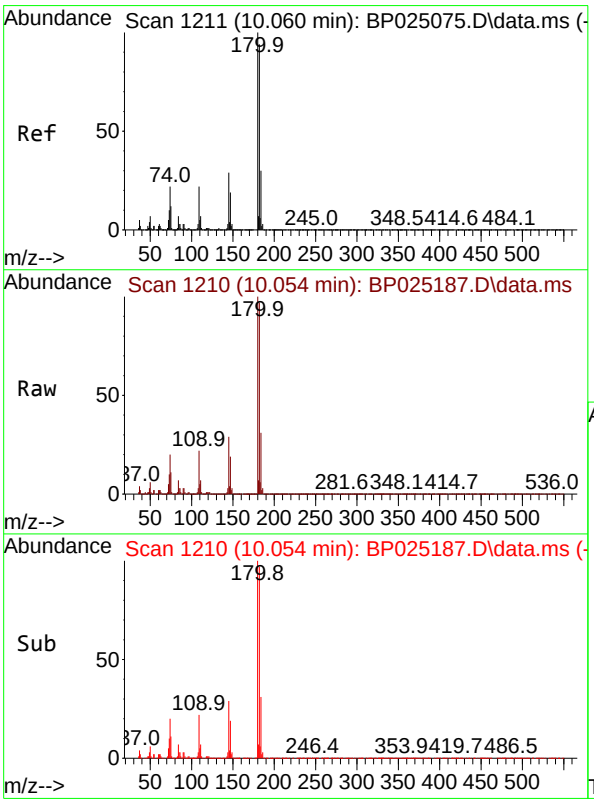
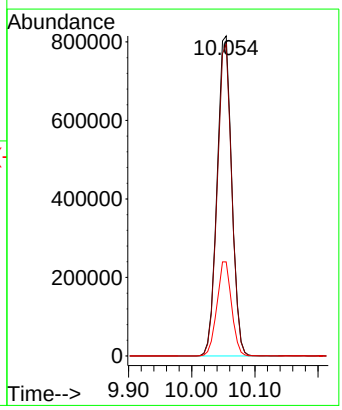
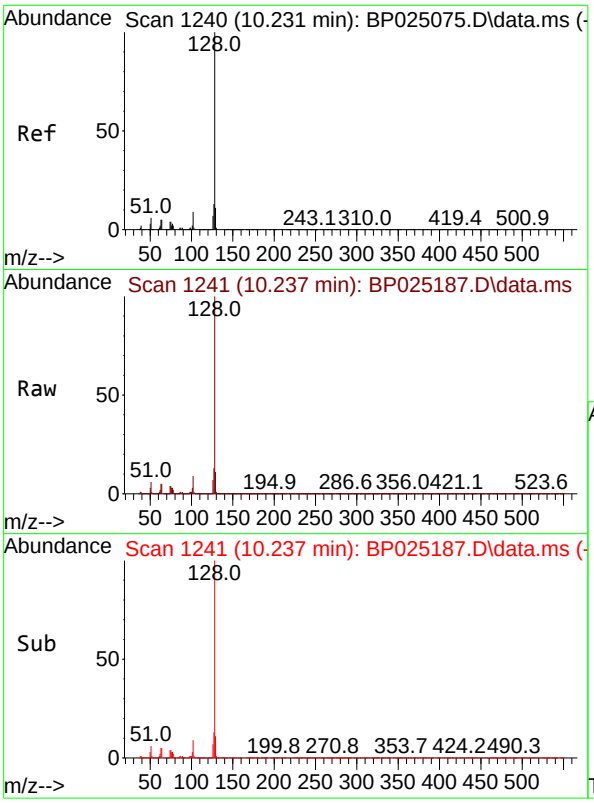


#30
1,2,4-Trichlorobenzene
Concen: 38.076 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:180 Resp: 1315259

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.1	112.7
145	29.4	23.3	34.9

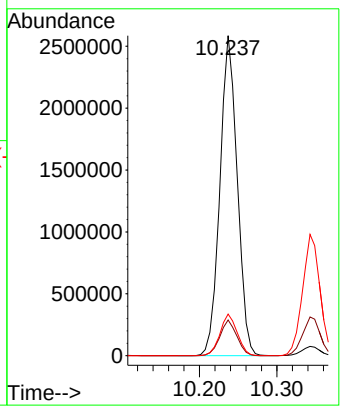




#31
Naphthalene
Concen: 36.365 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:128 Resp: 401859

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6



Instrument :
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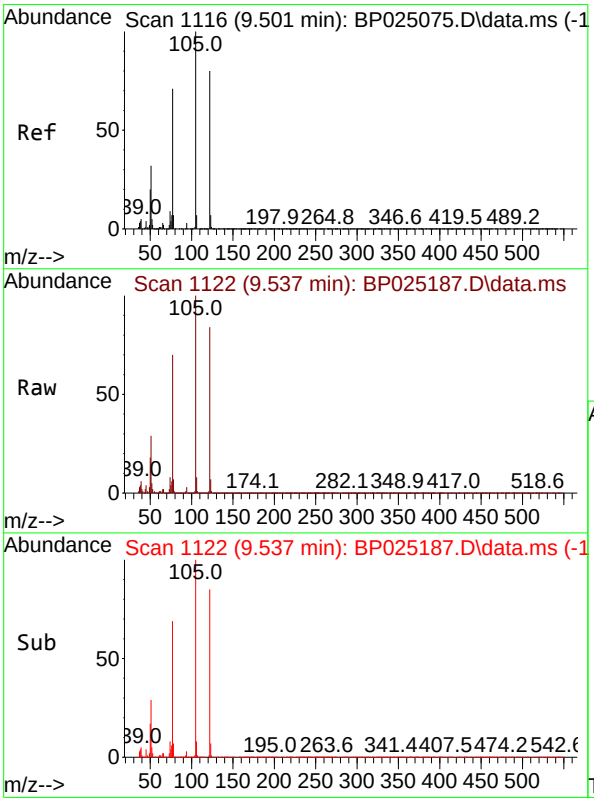
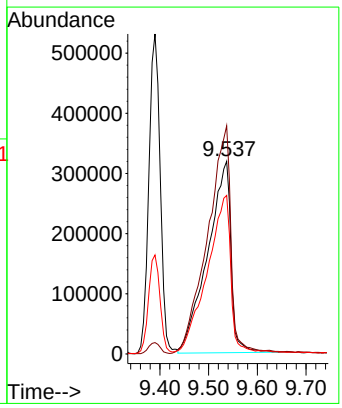
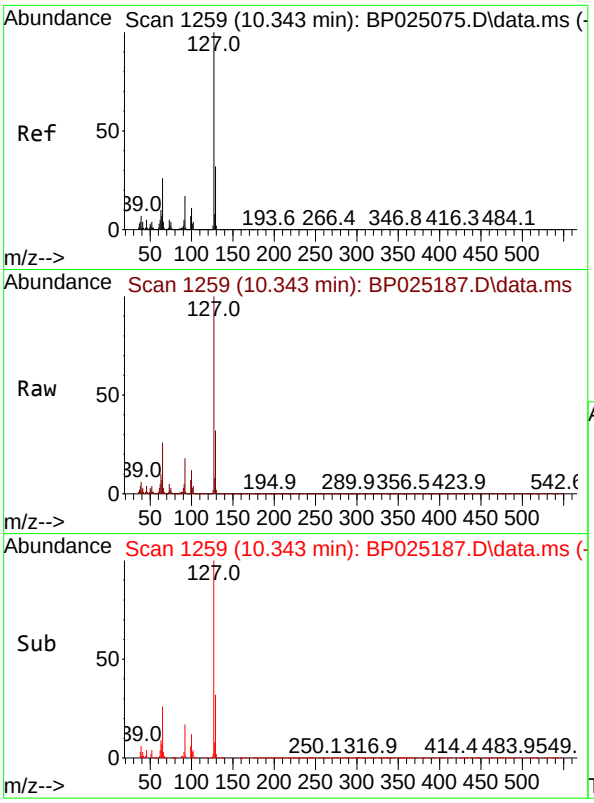


#32
Benzoic acid
Concen: 47.258 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:122 Resp: 1059596

Ion	Ratio	Lower	Upper
122	100		
105	118.4	101.0	141.0
77	82.3	67.6	107.6

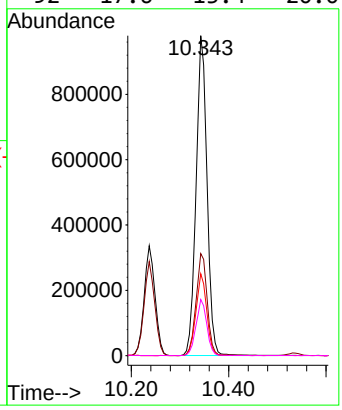




#33
4-Chloroaniline
Concen: 37.319 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:127 Resp: 153902

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	25.6	21.0	31.6
92	17.6	13.4	20.0



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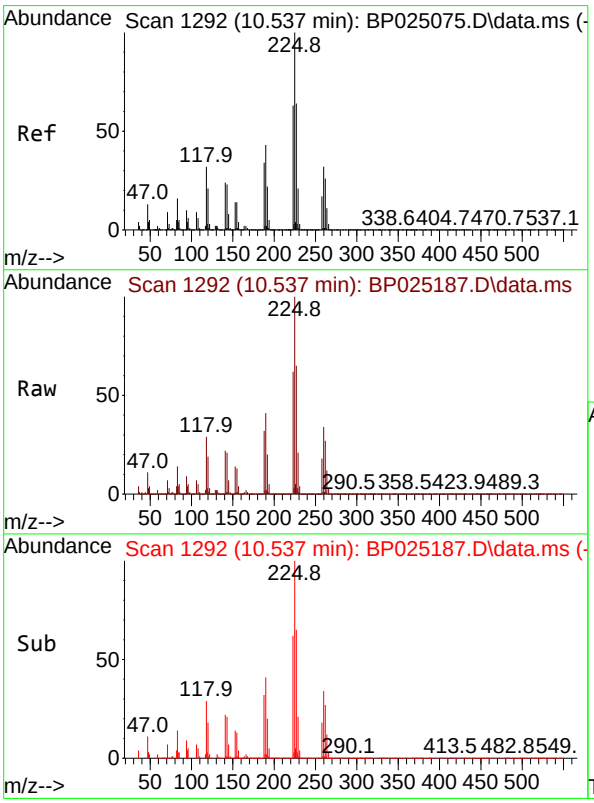
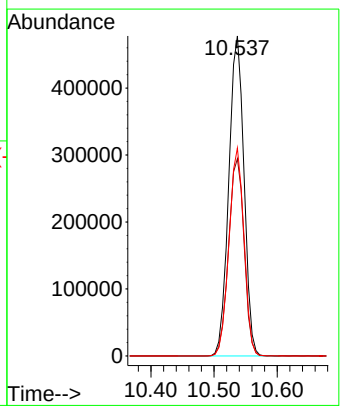
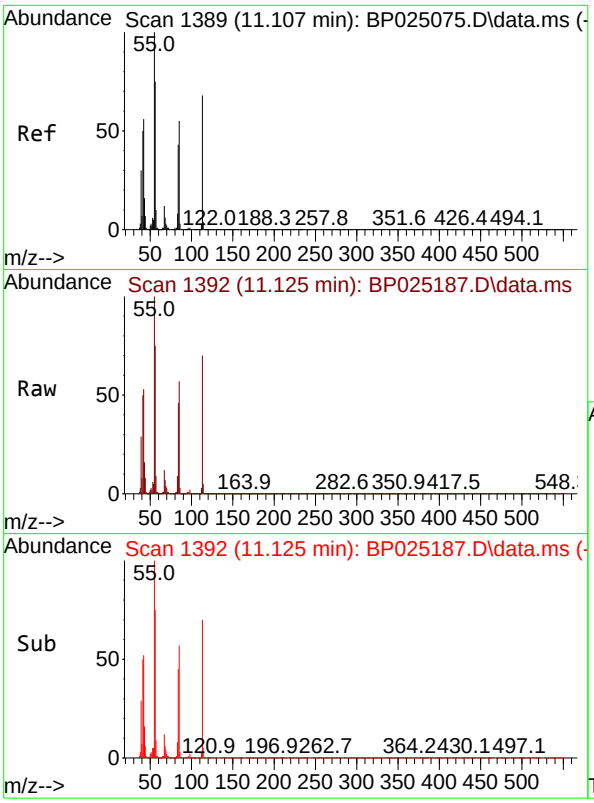


#34
Hexachlorobutadiene
Concen: 40.261 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:225 Resp: 798092

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	65.0	51.3	76.9





#35
Caprolactam
Concen: 39.056 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:113 Resp: 41677

Ion	Ratio	Lower	Upper
113	100		
55	142.5	128.1	168.1
56	106.8	90.7	130.7

Instrument :
BNA_P
ClientSampleId :
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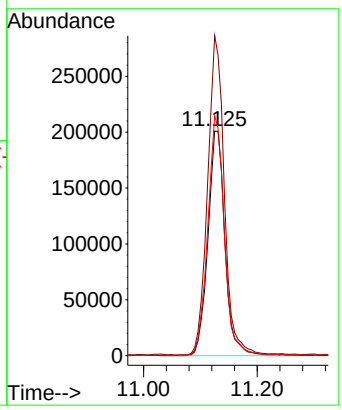
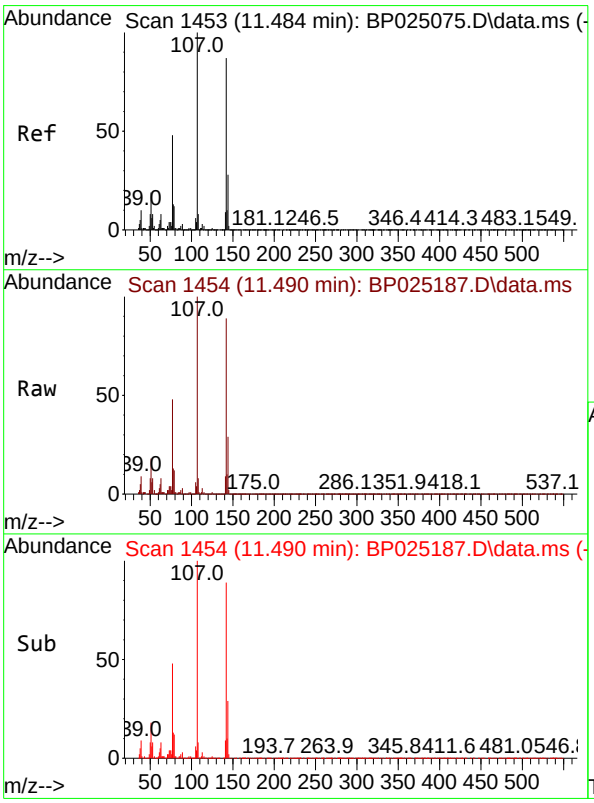
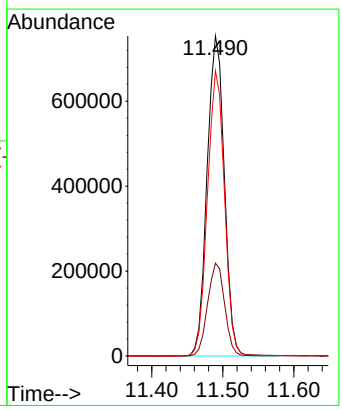


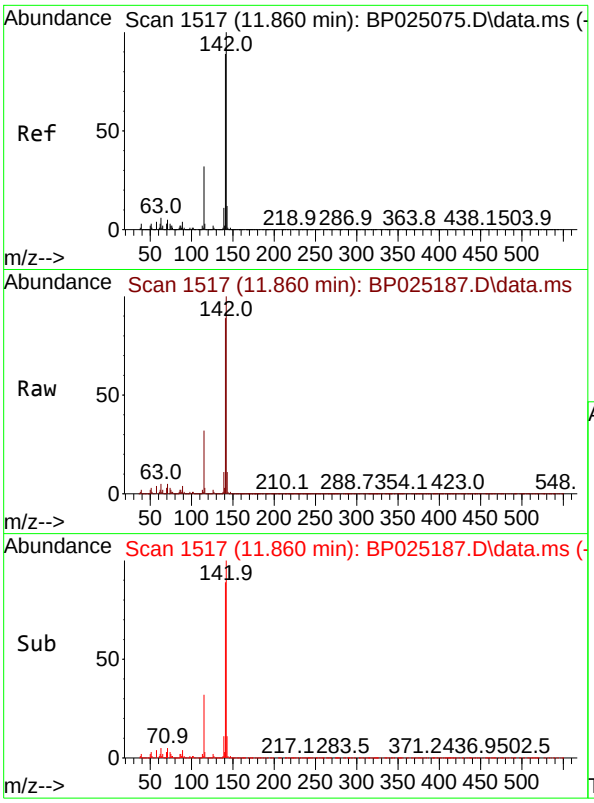


#36
4-Chloro-3-methylphenol
Concen: 39.033 ng
RT: 11.490 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:107 Resp: 1272371

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.1	69.6	104.4

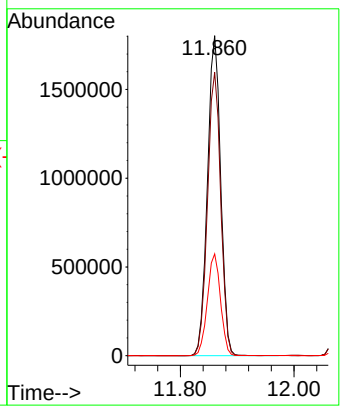




#37
2-Methylnaphthalene
Concen: 37.184 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:142 Resp: 289921

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	31.8	25.9	38.9



Instrument :
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ClientSampleId :
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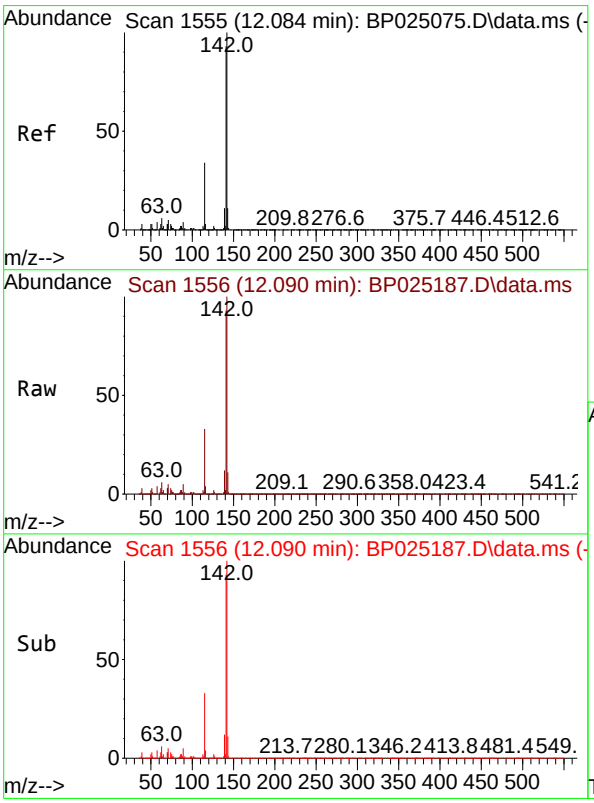
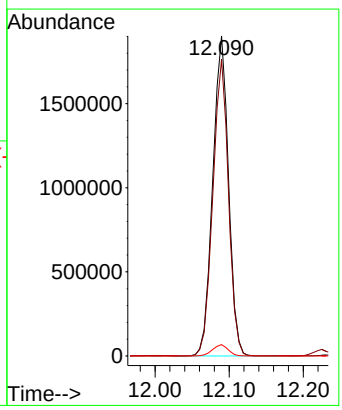
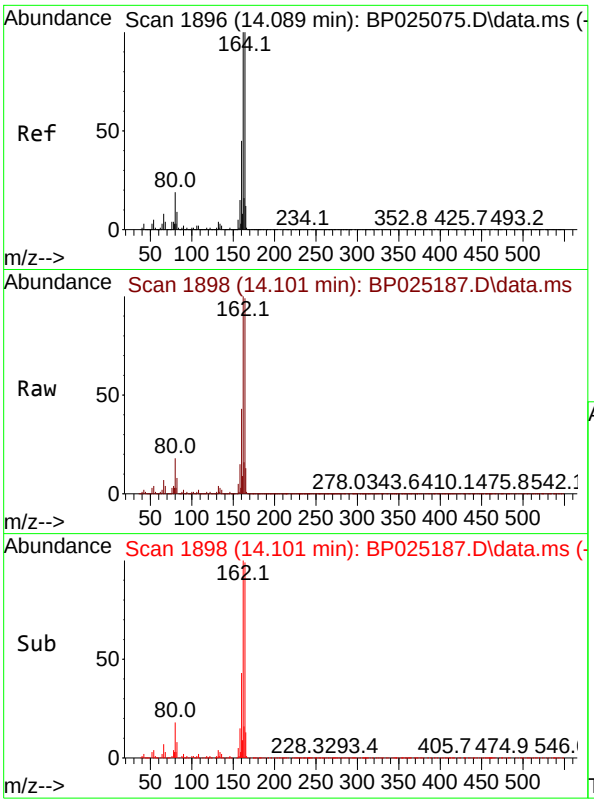


#38
1-Methylnaphthalene
Concen: 36.882 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:142 Resp: 2804639

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1

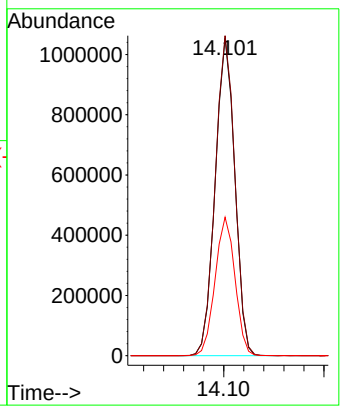




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:164 Resp: 142754

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	43.6	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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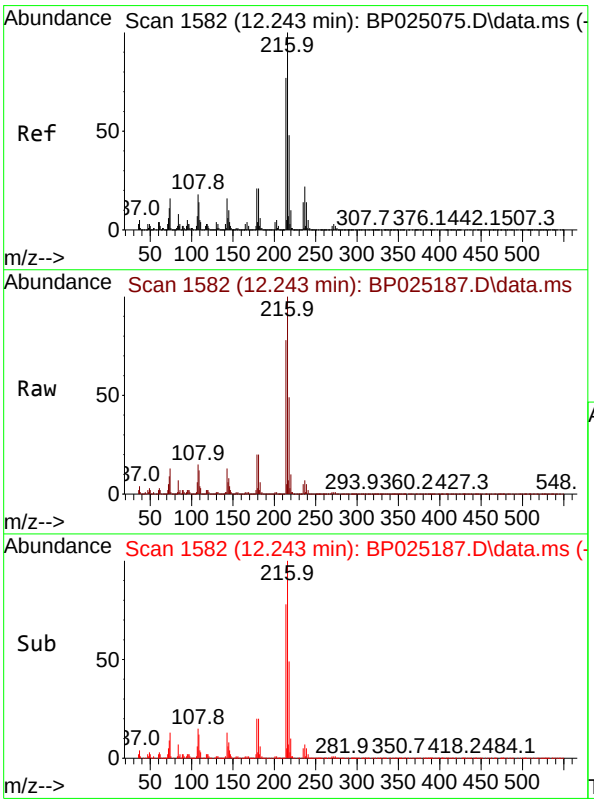
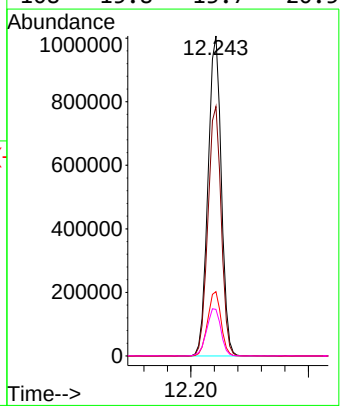
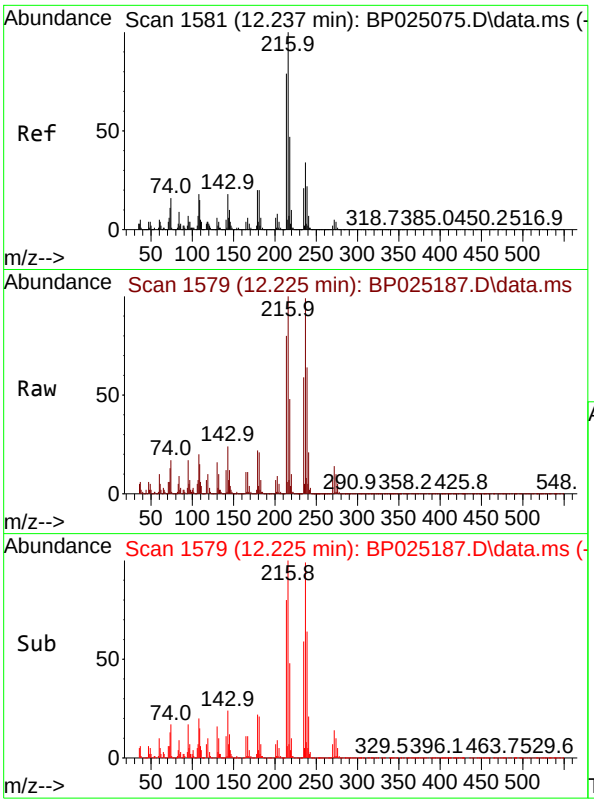


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.383 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:216 Resp: 1574766

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.2	16.5	24.7
108	15.8	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 44.788 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:237 Resp: 47997

Ion	Ratio	Lower	Upper
237	100		
235	59.8	41.6	81.6
272	13.7	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
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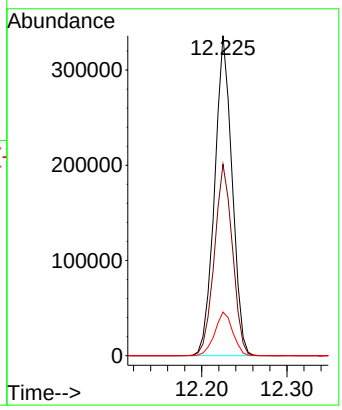
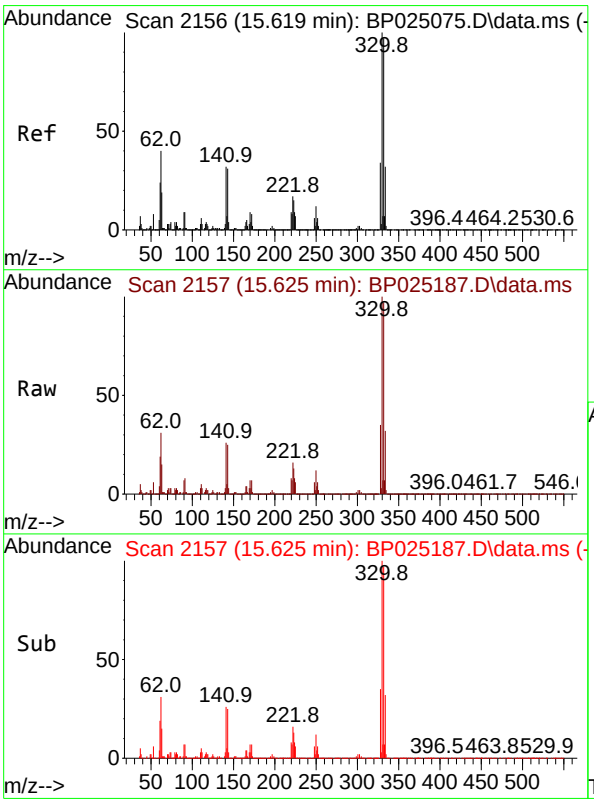
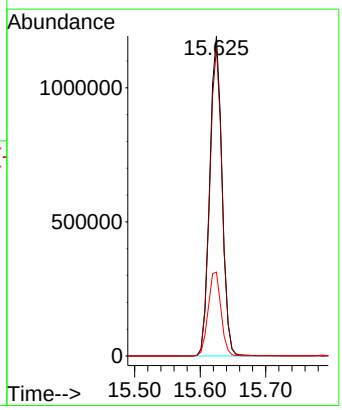


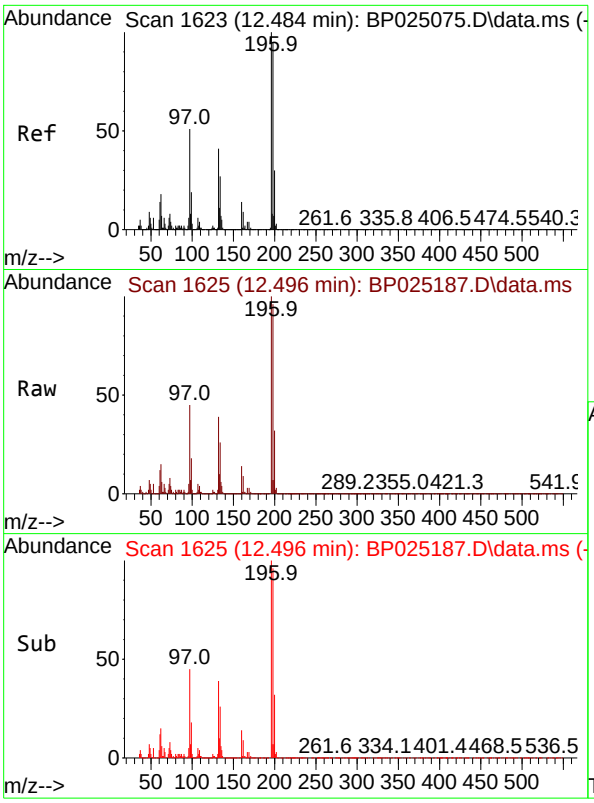


#42
2,4,6-Tribromophenol
Concen: 92.443 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:330 Resp: 1558969

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	27.3	26.0	39.0

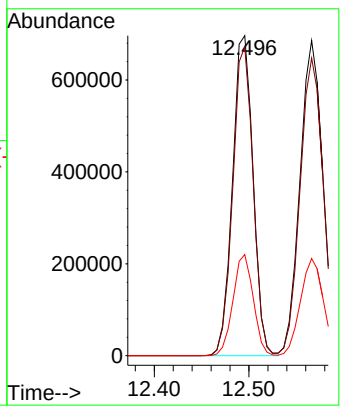




#43
2,4,6-Trichlorophenol
Concen: 42.344 ng
RT: 12.496 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:196 Resp: 105194

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.2
200	31.6	24.3	36.5



Instrument :
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ClientSampleId :
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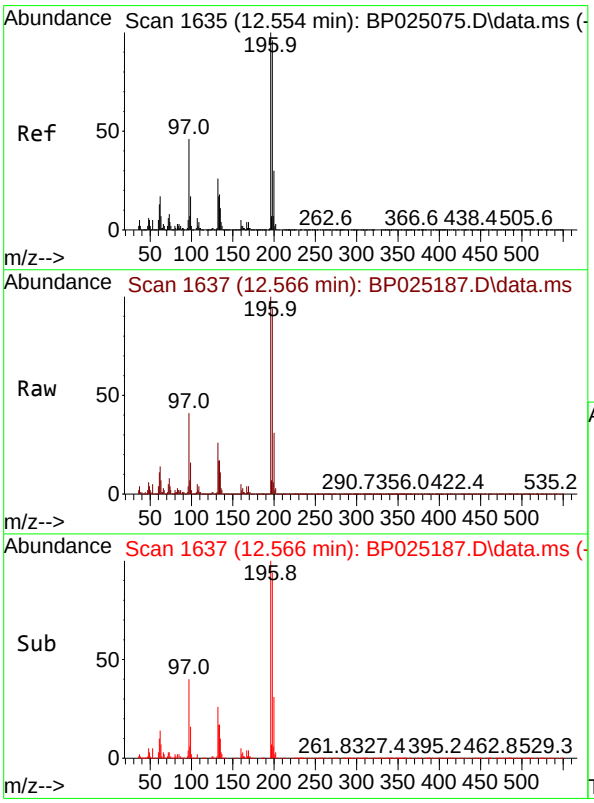
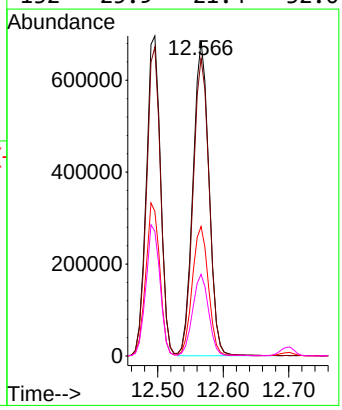
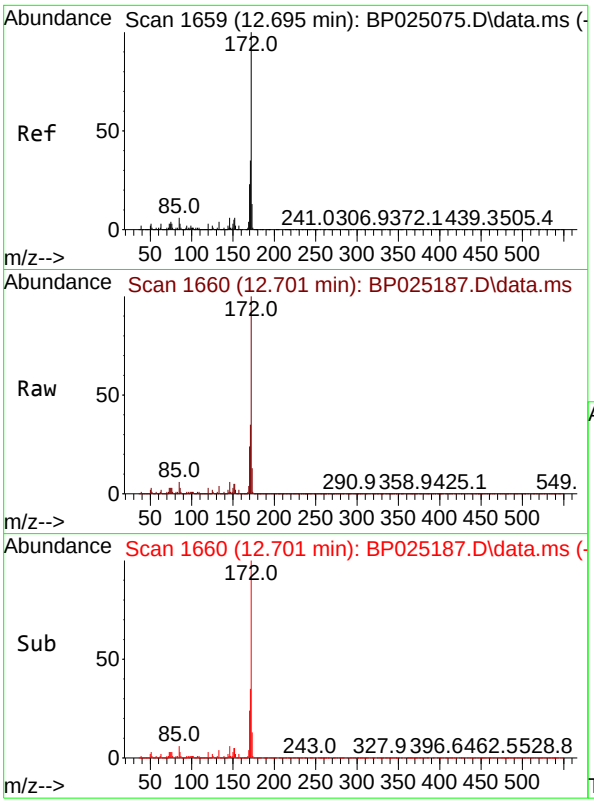


#44
2,4,5-Trichlorophenol
Concen: 41.215 ng
RT: 12.566 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:196 Resp: 1160384

Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	115.0
97	41.1	36.6	55.0
132	25.9	21.4	32.0

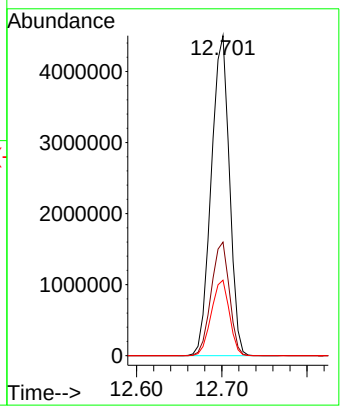




#45
2-Fluorobiphenyl
Concen: 72.279 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:172 Resp: 666049

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.6	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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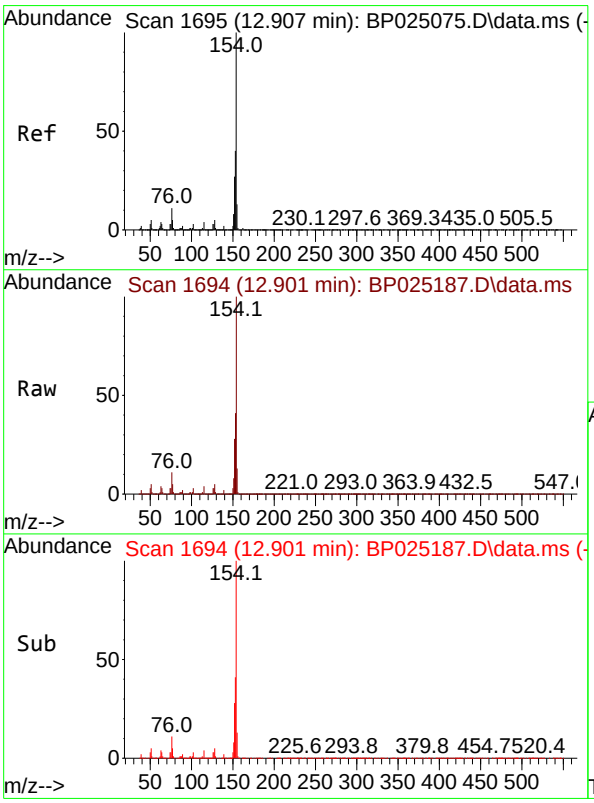
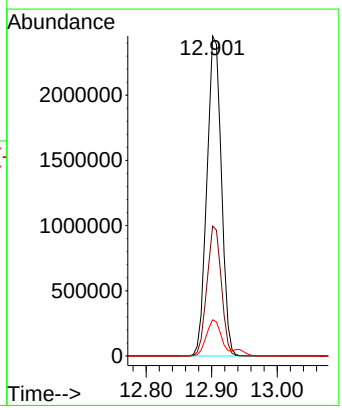
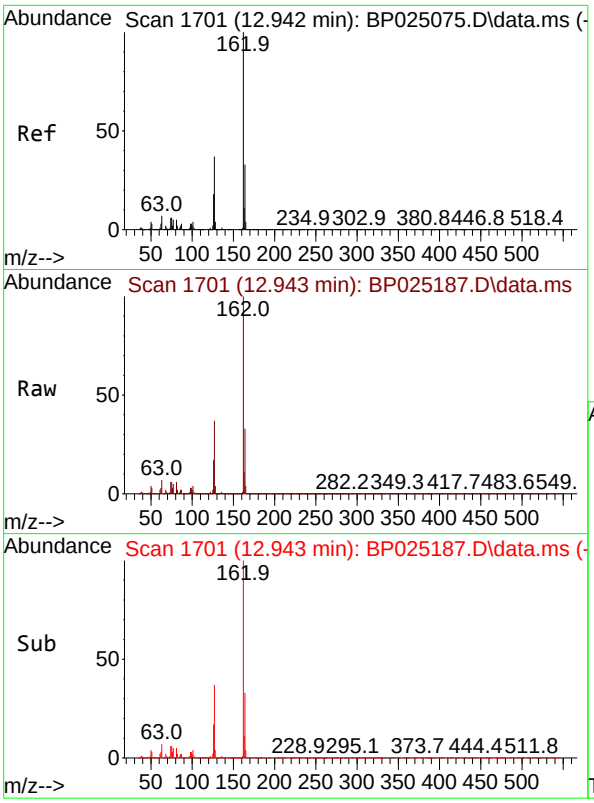


#46
1,1'-Biphenyl
Concen: 36.236 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:154 Resp: 3763681

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	11.3	0.0	31.5

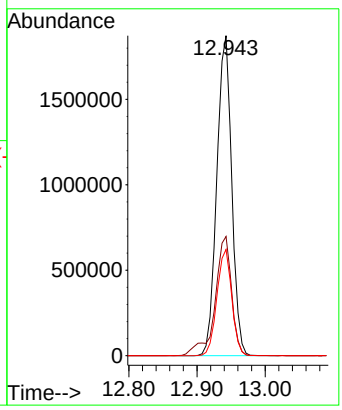




#47
2-Chloronaphthalene
Concen: 36.457 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:162 Resp: 284606

Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.4	44.2
164	33.2	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
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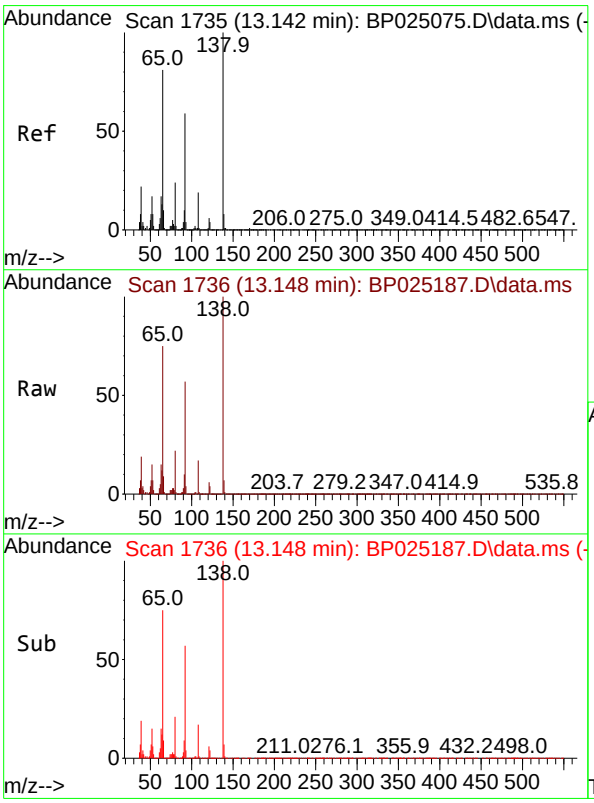
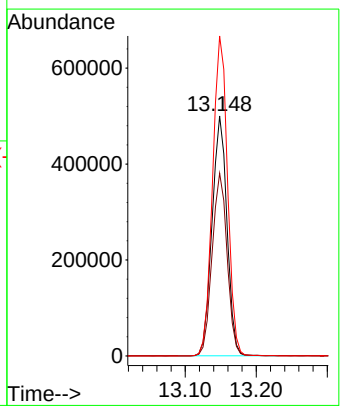
Supervised By :Jagrut Upadhyay 07/21/2025

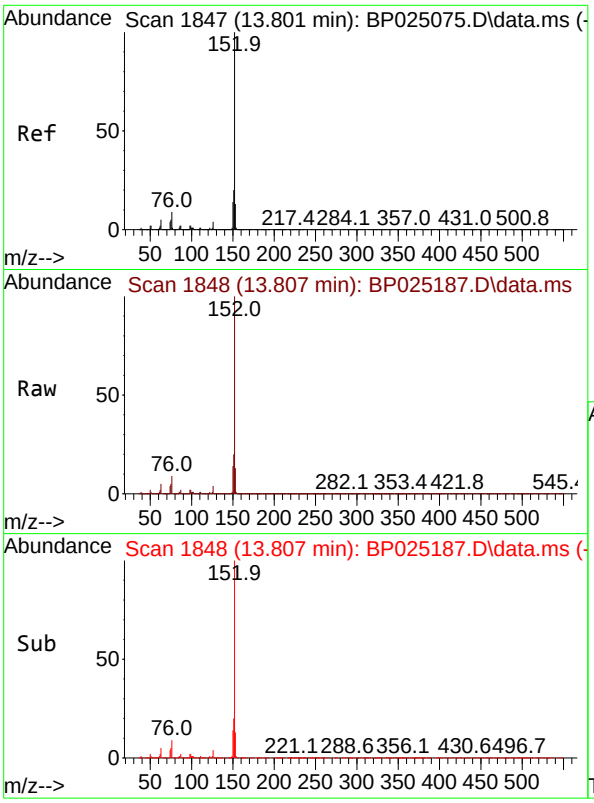


#48
2-Nitroaniline
Concen: 38.721 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion: 65 Resp: 729633

Ion	Ratio	Lower	Upper
65	100		
92	76.1	58.7	88.1
138	133.3	99.0	148.4





#49
Acenaphthylene
Concen: 36.487 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 435965

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.7	16.1

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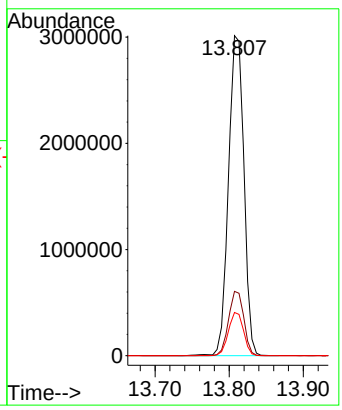
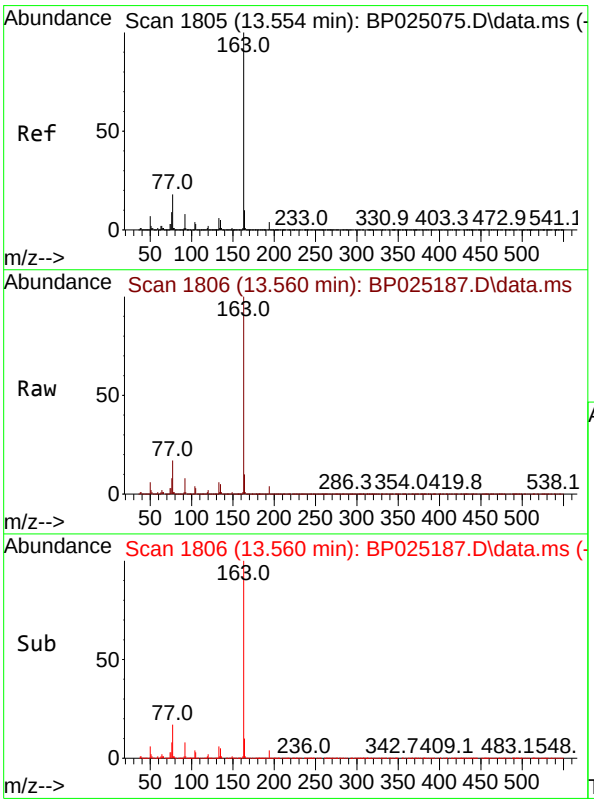
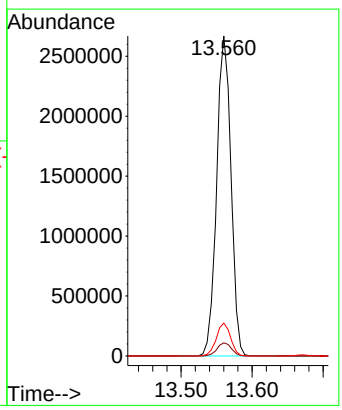


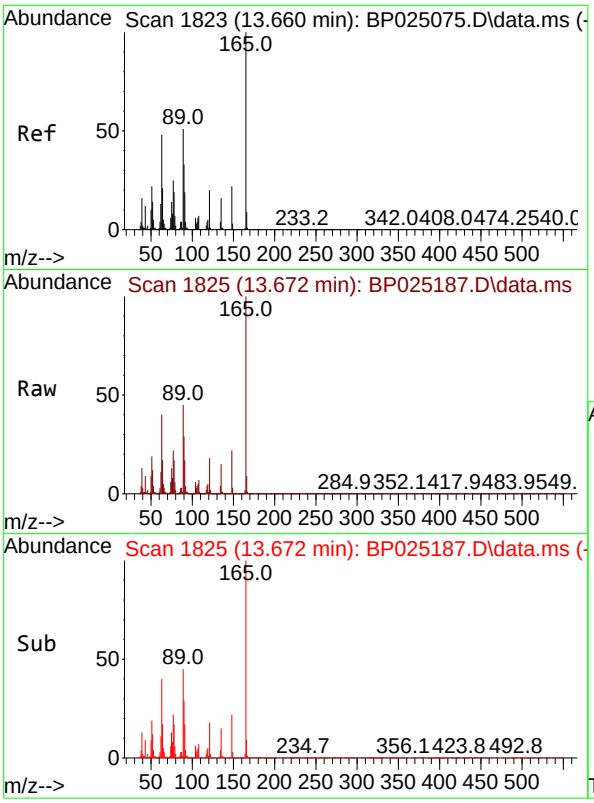


#50
Dimethylphthalate
Concen: 37.245 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:163 Resp: 3721862

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 13.672 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:165 Resp: 81789

Ion	Ratio	Lower	Upper
165	100		
63	40.5	38.5	57.7
89	44.8	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
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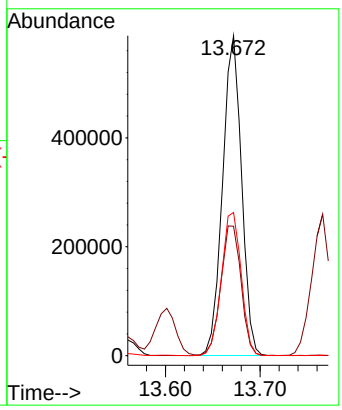
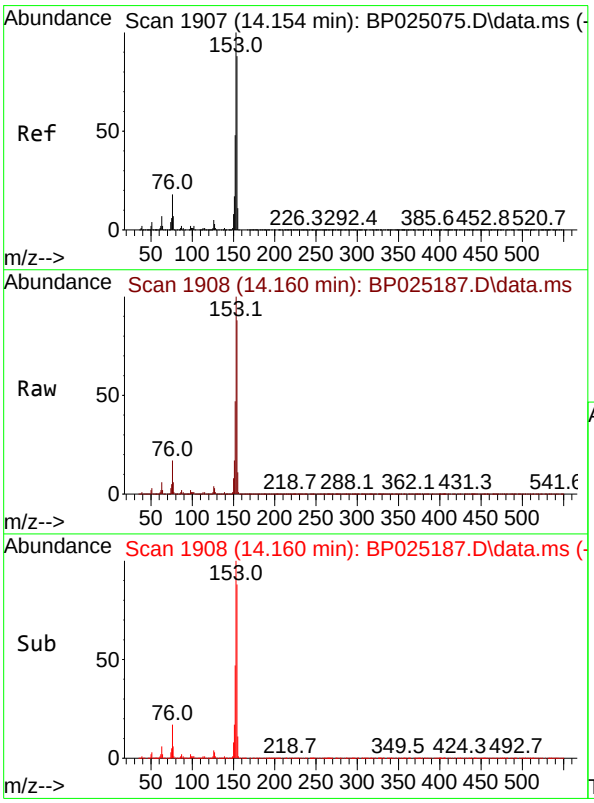
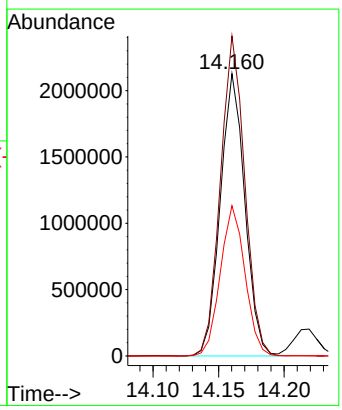


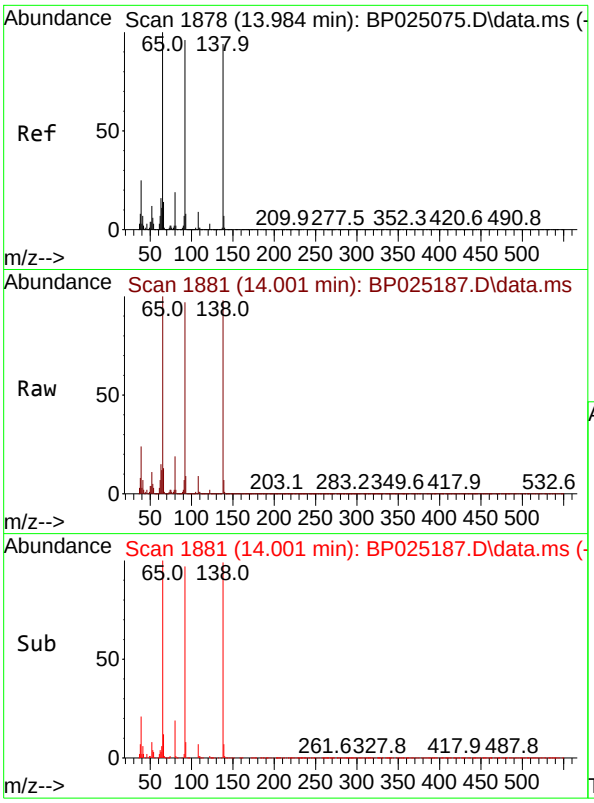


#52
Acenaphthene
Concen: 35.888 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:154 Resp: 2763754

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.6	136.0
152	53.2	43.8	65.8





#53
3-Nitroaniline
Concen: 41.772 ng
RT: 14.001 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:138 Resp: 87245

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.8
92	99.3	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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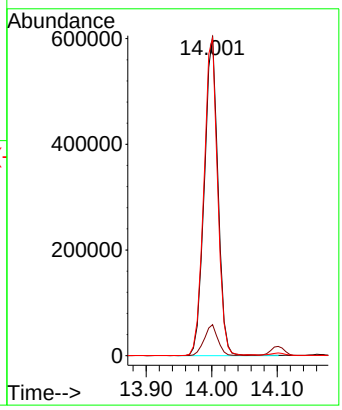
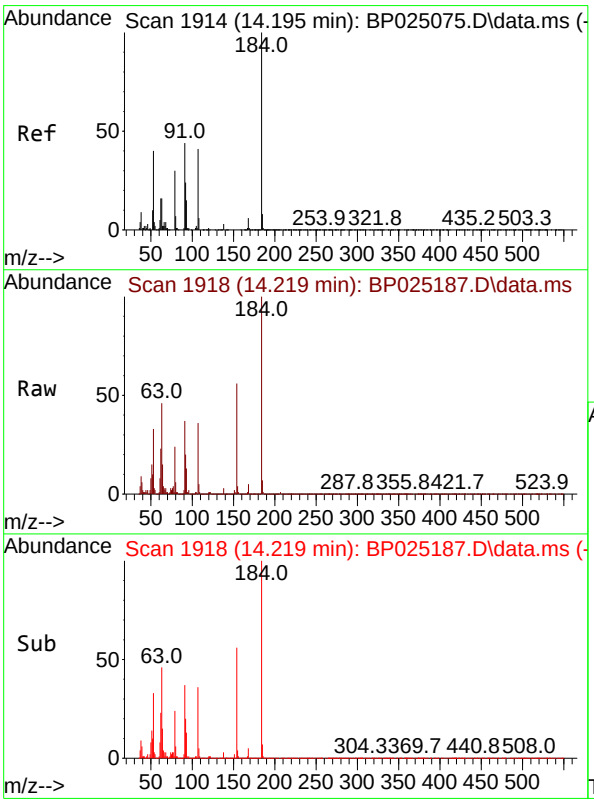
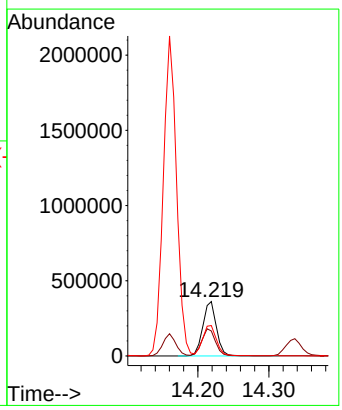


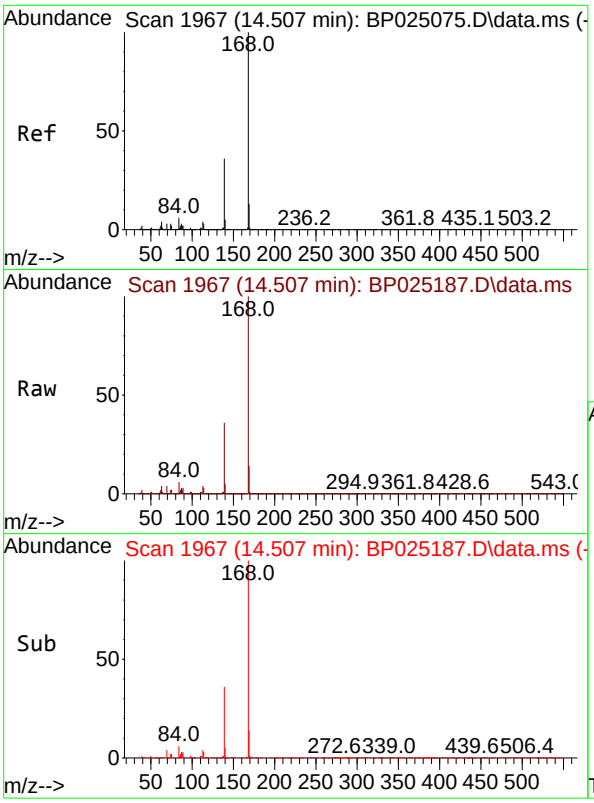


#54
2,4-Dinitrophenol
Concen: 52.724 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:184 Resp: 483431

Ion	Ratio	Lower	Upper
184	100		
63	46.0	47.4	71.0#
154	56.0	47.8	71.8





#55
Dibenzofuran
Concen: 36.263 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 460883

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	13.6	10.7	16.1

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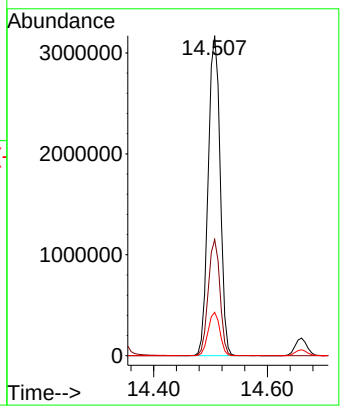
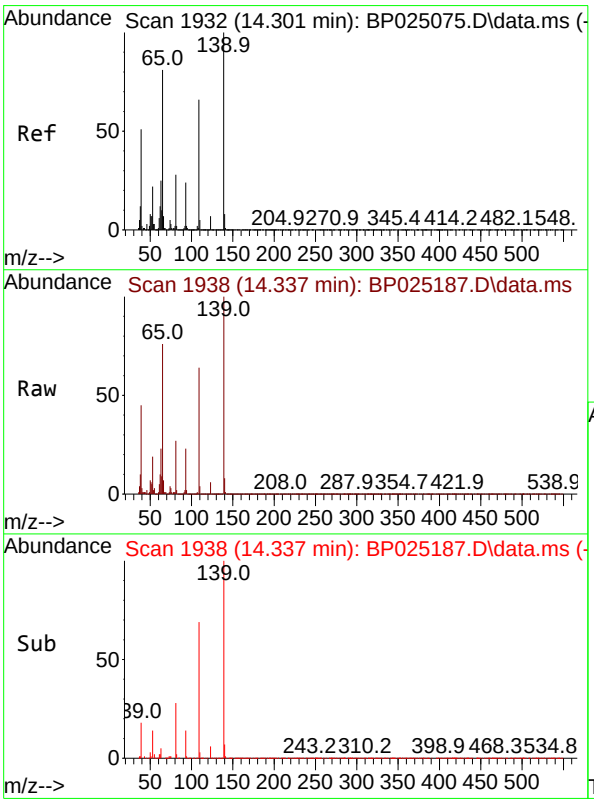
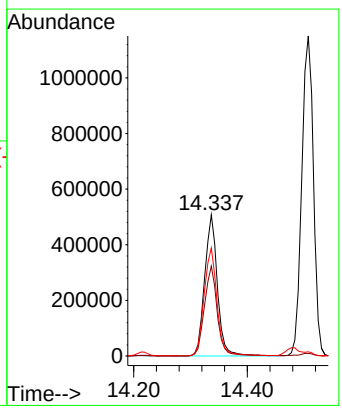


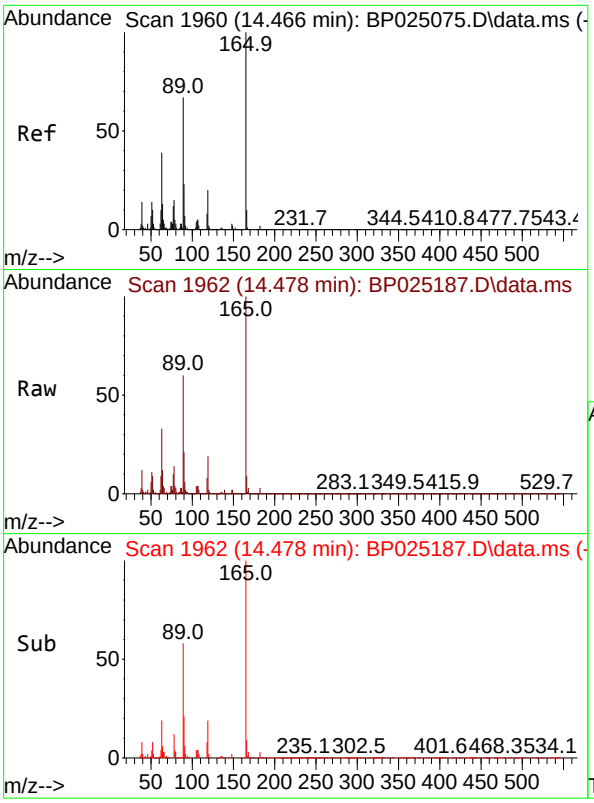


#56
4-Nitrophenol
Concen: 40.881 ng
RT: 14.337 min Scan# 1938
Delta R.T. 0.035 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:139 Resp: 787961

Ion	Ratio	Lower	Upper
139	100		
109	63.8	45.9	85.9
65	76.5	61.4	101.4

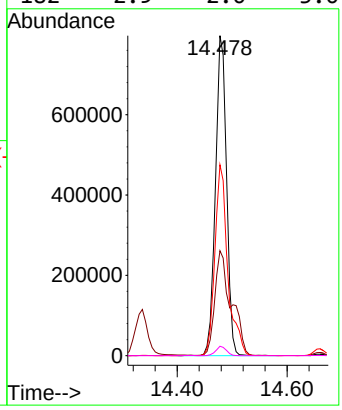




#57
2,4-Dinitrotoluene
Concen: 39.574 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:165 Resp: 111793

Ion	Ratio	Lower	Upper
165	100		
63	32.8	31.0	46.4
89	59.6	53.4	80.0
182	2.9	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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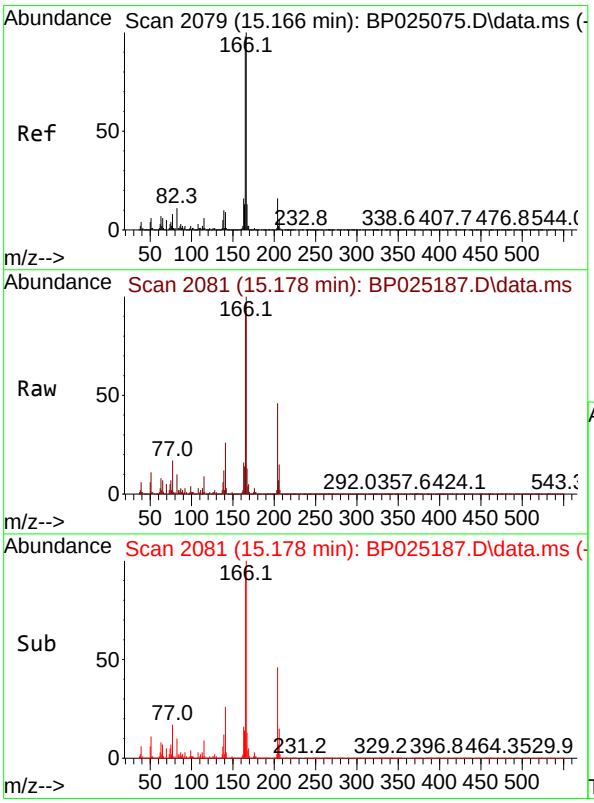
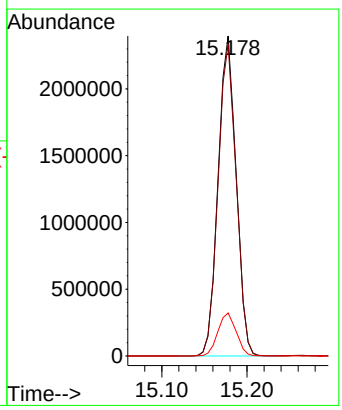
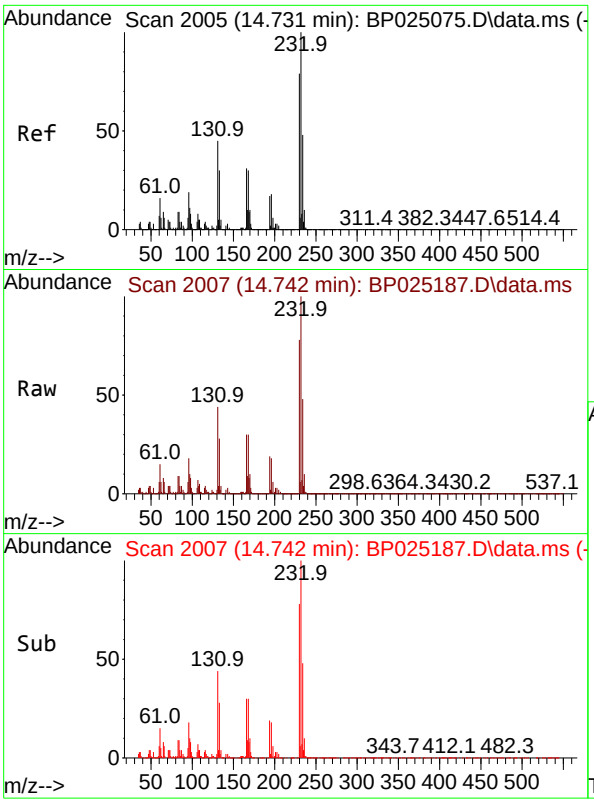


#58
Fluorene
Concen: 35.934 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:166 Resp: 3532450

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.5	10.7	16.1

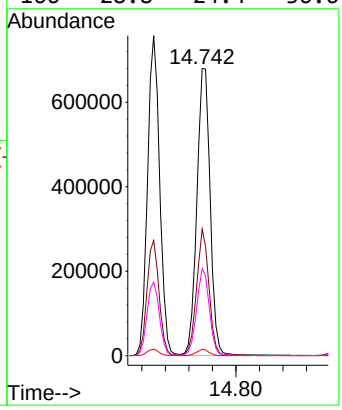




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.795 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:232 Resp: 106557

Ion	Ratio	Lower	Upper
232	100		
131	40.8	35.7	53.5
130	2.1	1.8	2.6
166	28.8	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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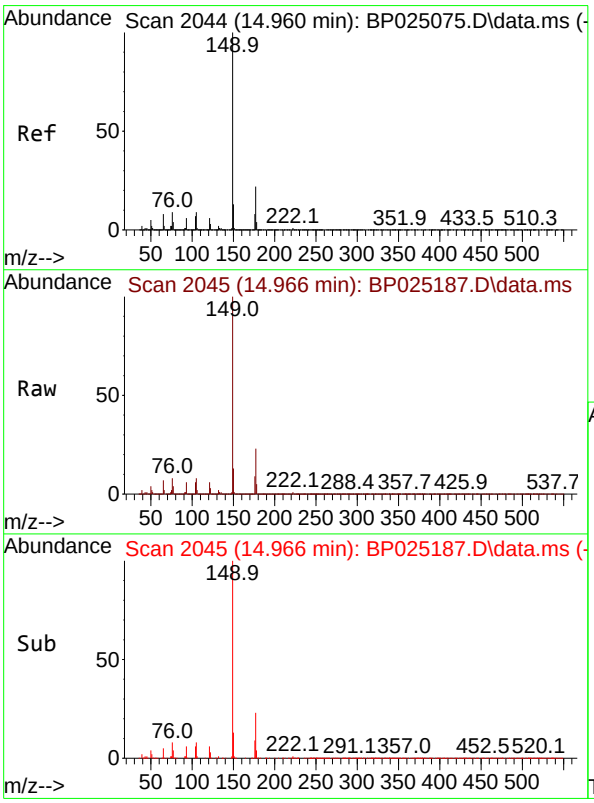
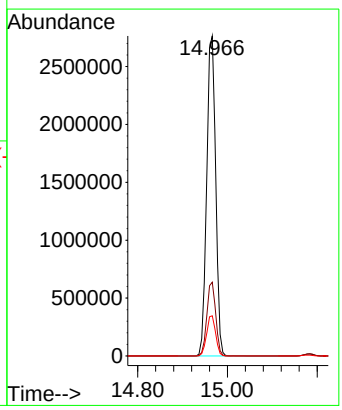
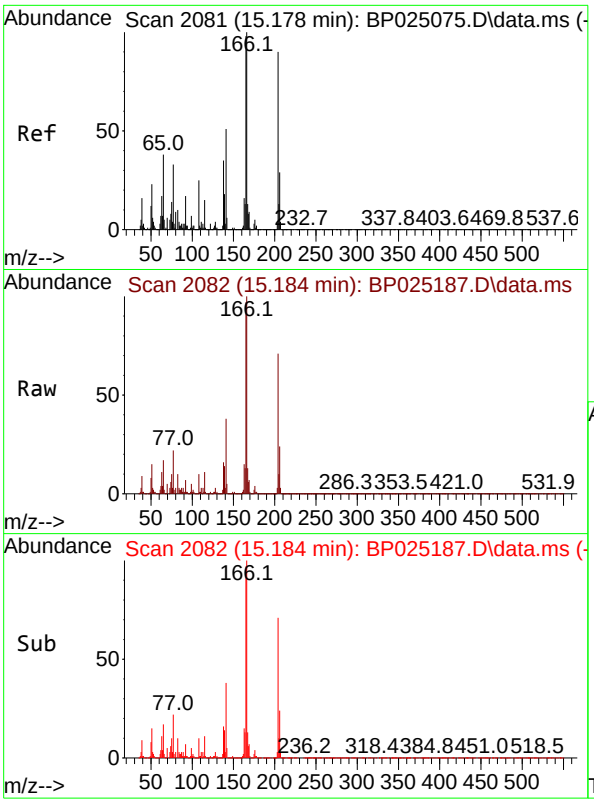


#60
Diethylphthalate
Concen: 38.105 ng
RT: 14.966 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:149 Resp: 3824481

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.8
150	12.5	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 36.732 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:204 Resp: 178696

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	53.0	45.1	67.7

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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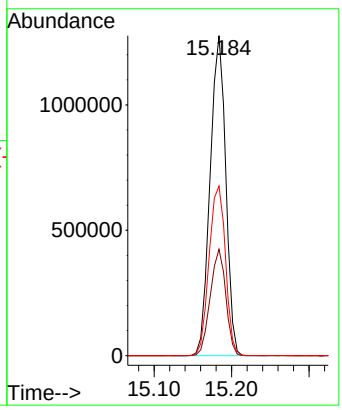
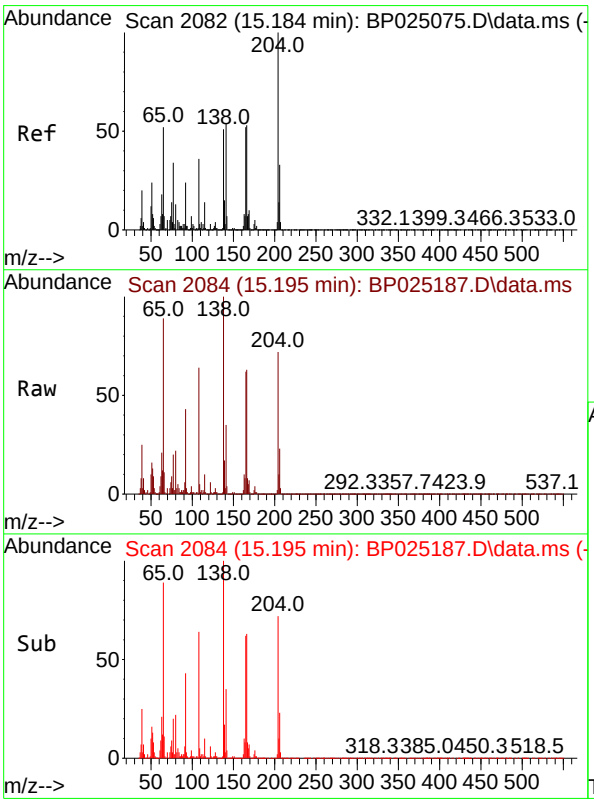
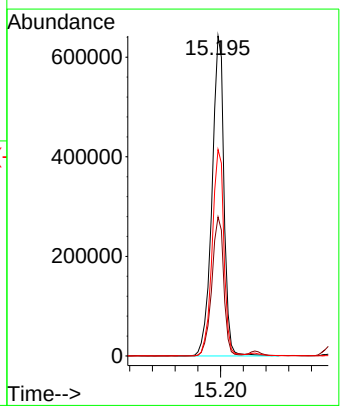


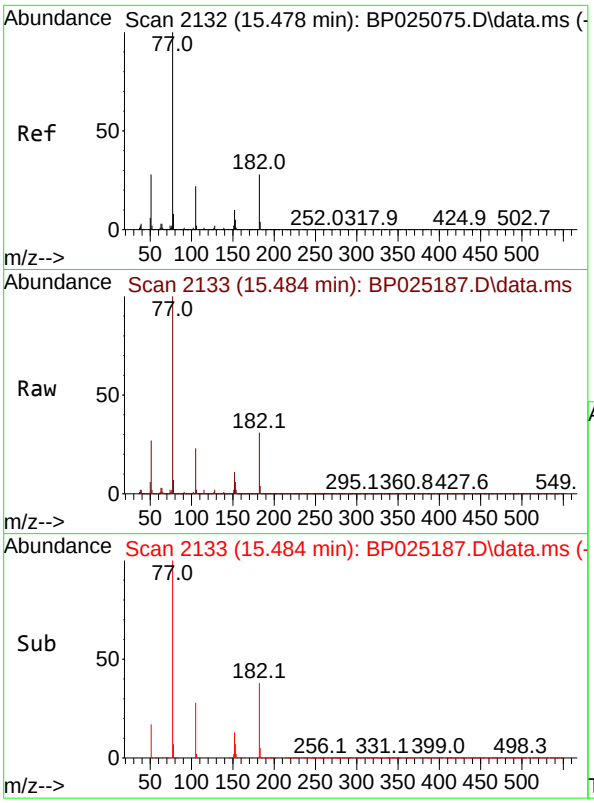


#62
4-Nitroaniline
Concen: 42.792 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:138 Resp: 937172

Ion	Ratio	Lower	Upper
138	100		
92	43.5	26.0	66.0
108	64.5	50.0	90.0





#63
Azobenzene
Concen: 34.529 ng
RT: 15.484 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 308601

Ion	Ratio	Lower	Upper
77	100		
182	31.0	7.7	47.7
105	22.8	1.9	41.9
51	26.7	8.2	48.2

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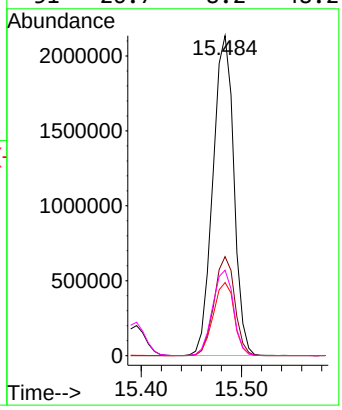
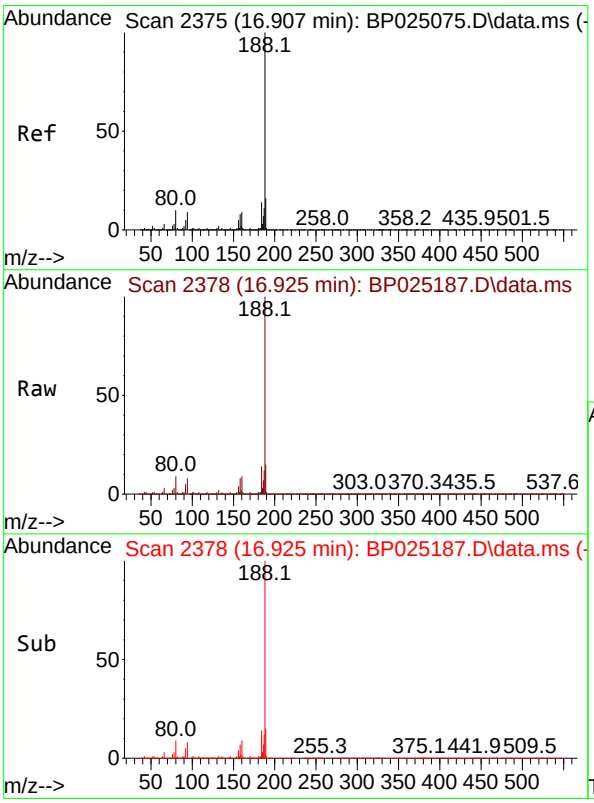
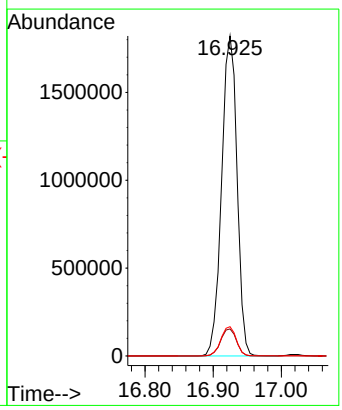


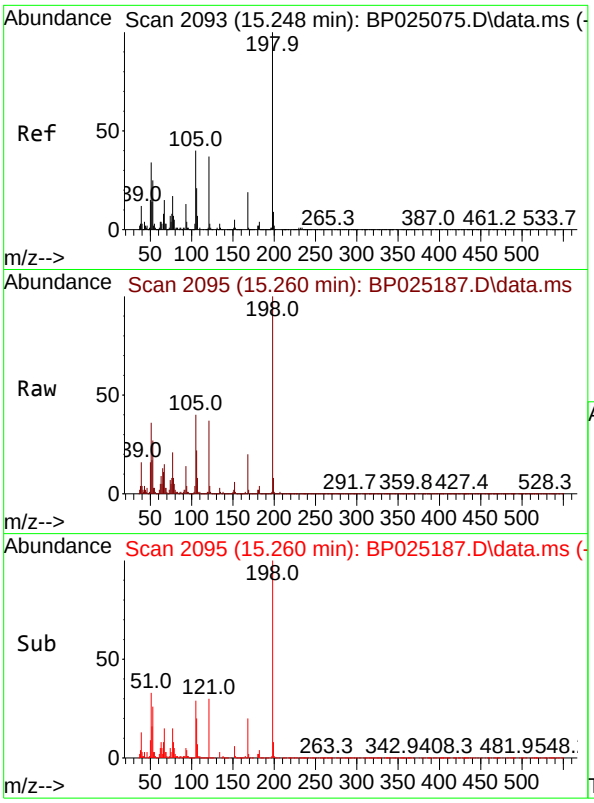


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:188 Resp: 2869297

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.2	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.040 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 65688

Ion	Ratio	Lower	Upper
198	100		
51	35.9	16.8	56.8
105	40.5	20.8	60.8

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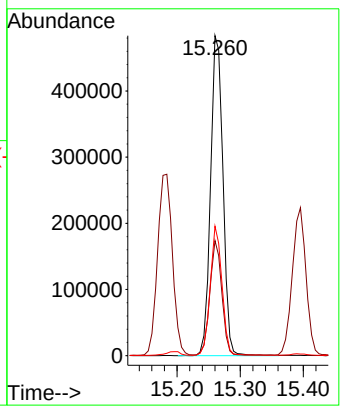
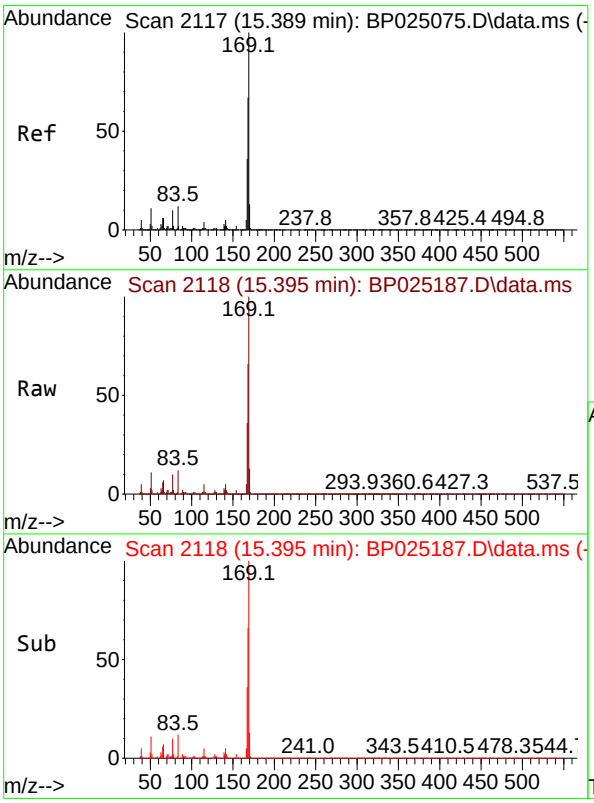
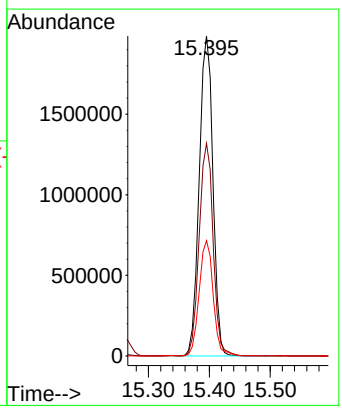


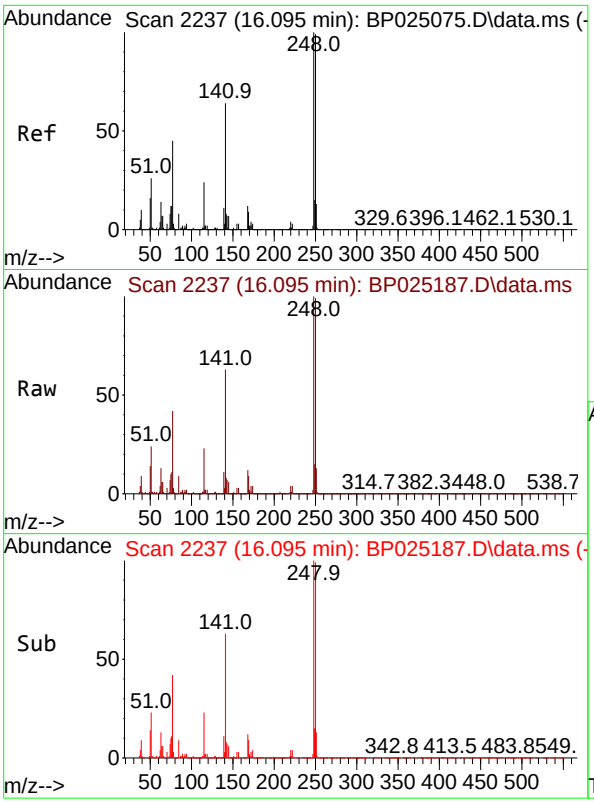


#66
n-Nitrosodiphenylamine
Concen: 37.671 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:169 Resp: 3093337

Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.1	81.1
167	36.1	29.0	43.6

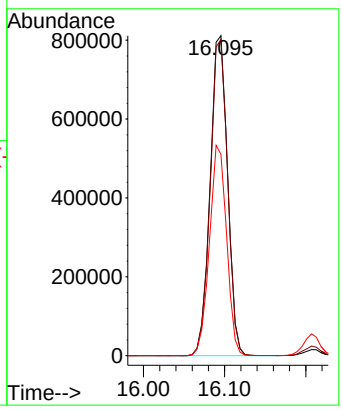




#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:248 Resp: 121033

Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.4	119.2
141	63.0	51.4	77.0



Instrument :
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ClientSampleId :
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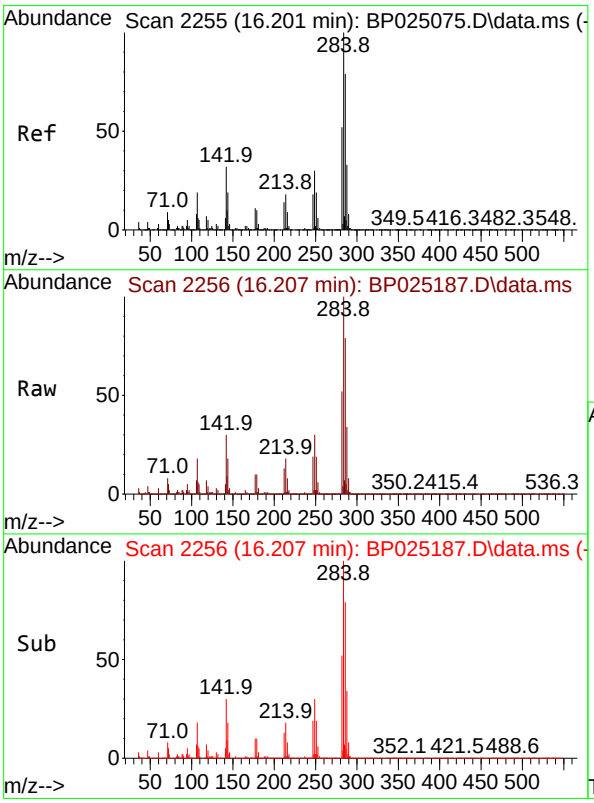
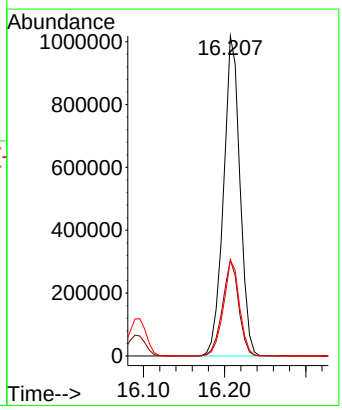
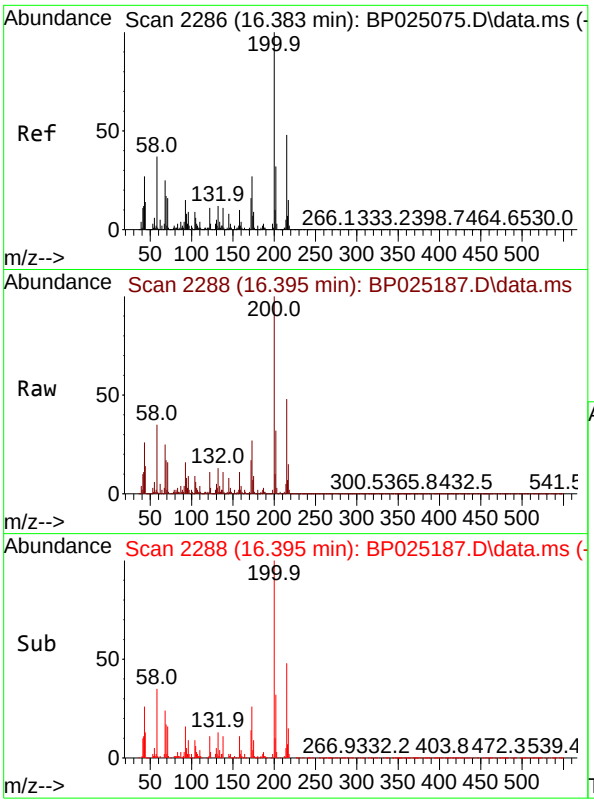


#68
Hexachlorobenzene
Concen: 39.855 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:284 Resp: 1431153

Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.9	38.9
249	30.0	23.8	35.8

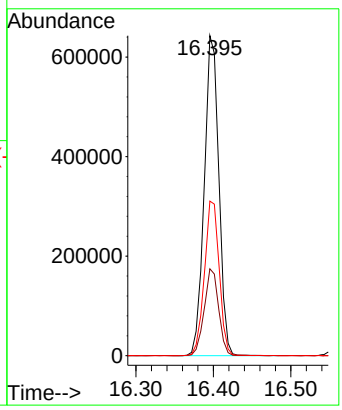




#69
Atrazine
Concen: 34.885 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:200 Resp: 83941

Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.6	46.6
215	48.3	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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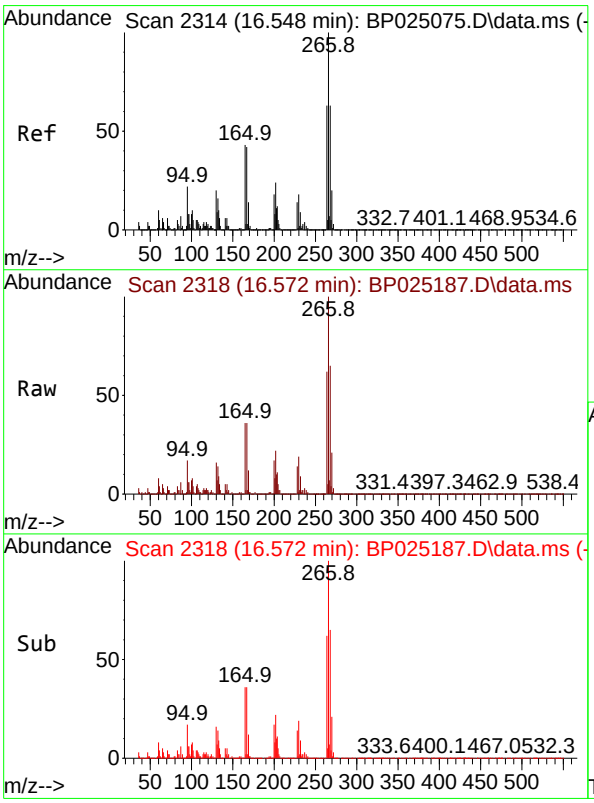
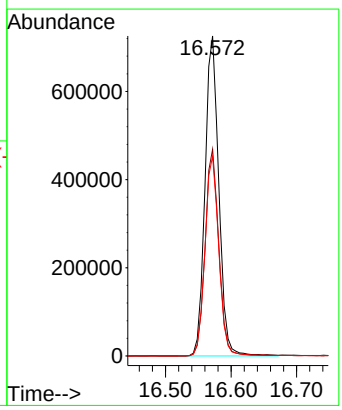
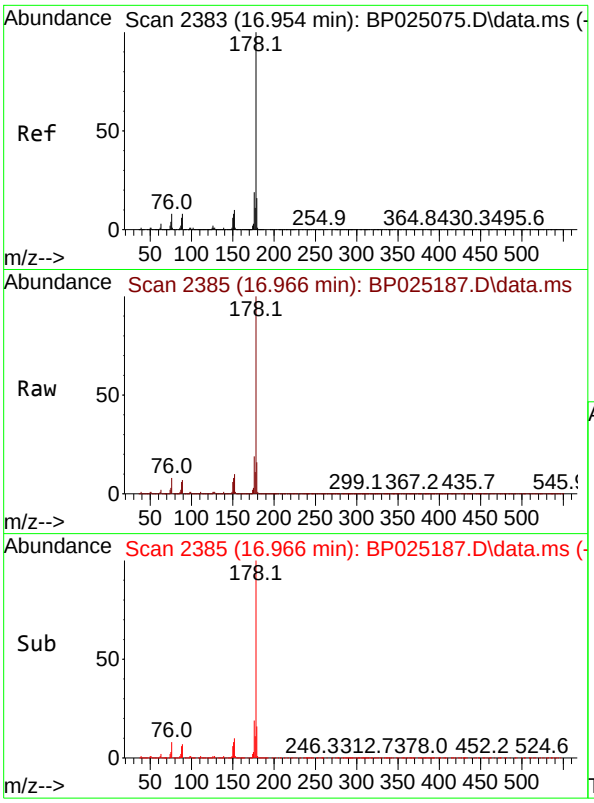


#70
Pentachlorophenol
Concen: 43.832 ng
RT: 16.572 min Scan# 2318
Delta R.T. 0.024 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:266 Resp: 1062970

Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.4	75.6
264	62.4	50.2	75.2

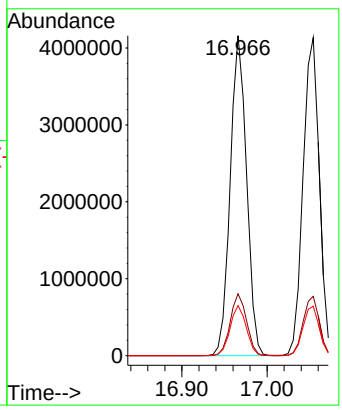




#71
Phenanthrene
Concen: 36.153 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:178 Resp: 554286

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0



Instrument :
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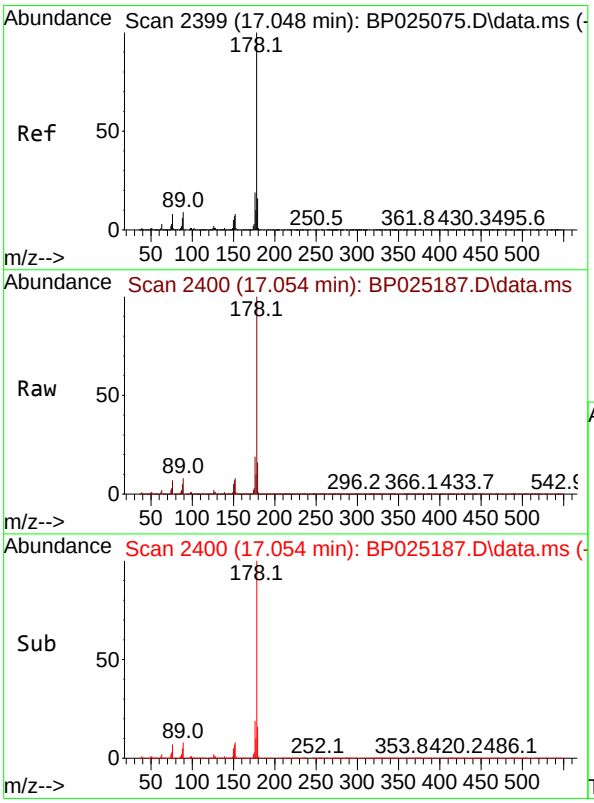
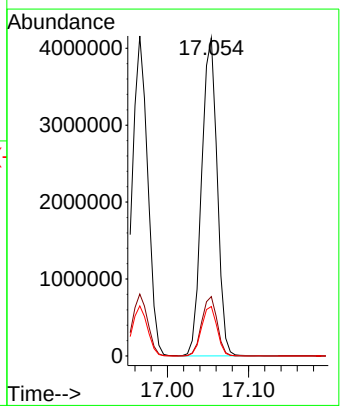
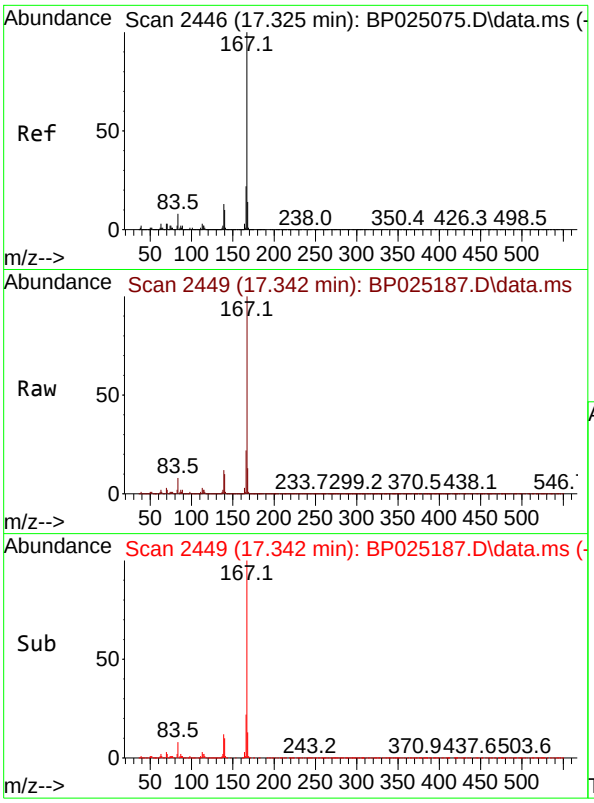


#72
Anthracene
Concen: 37.266 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:178 Resp: 5481414

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.5	12.5	18.7

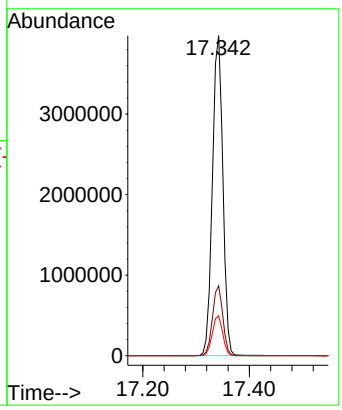




#73
Carbazole
Concen: 37.621 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:167 Resp: 541055

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.5	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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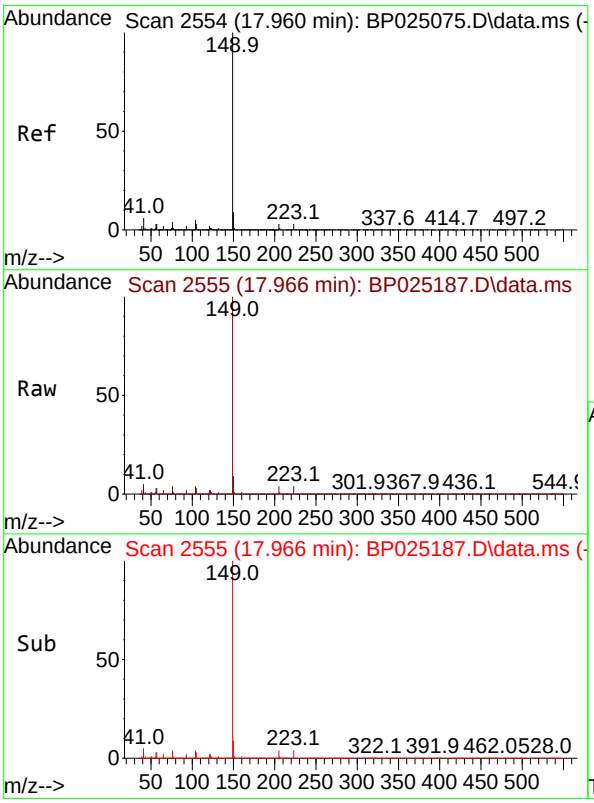
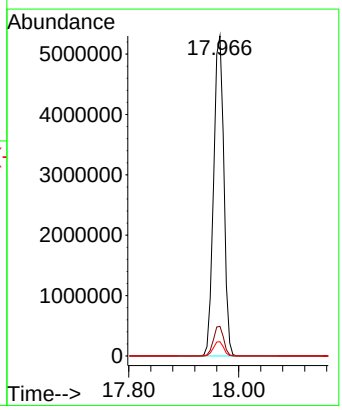
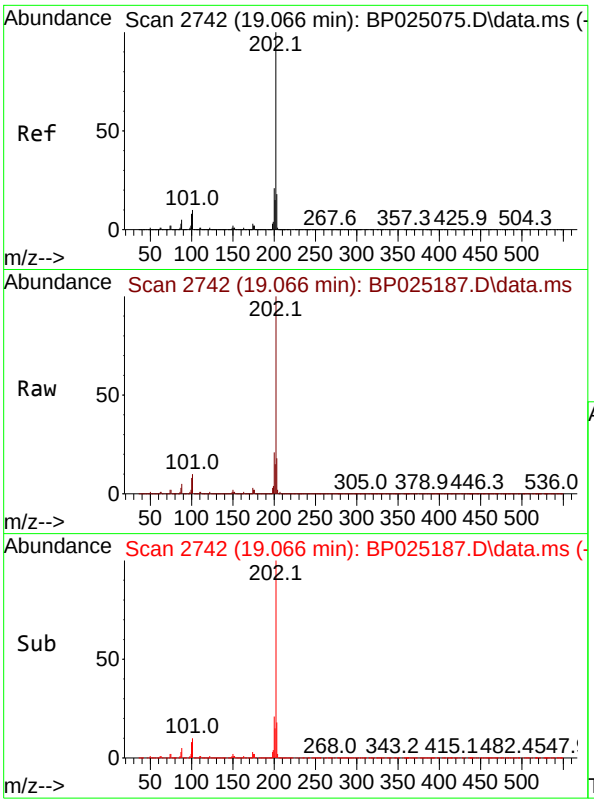


#74
Di-n-butylphthalate
Concen: 42.758 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:149 Resp: 6847818

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.8	5.6





#75
Fluoranthene
Concen: 38.314 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:202 Resp: 686643

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	18.1	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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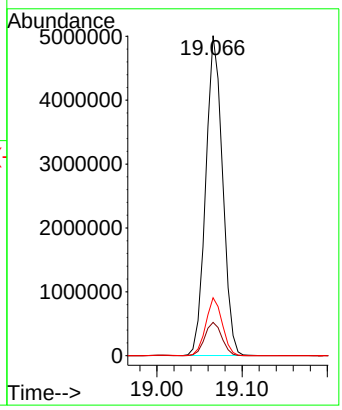
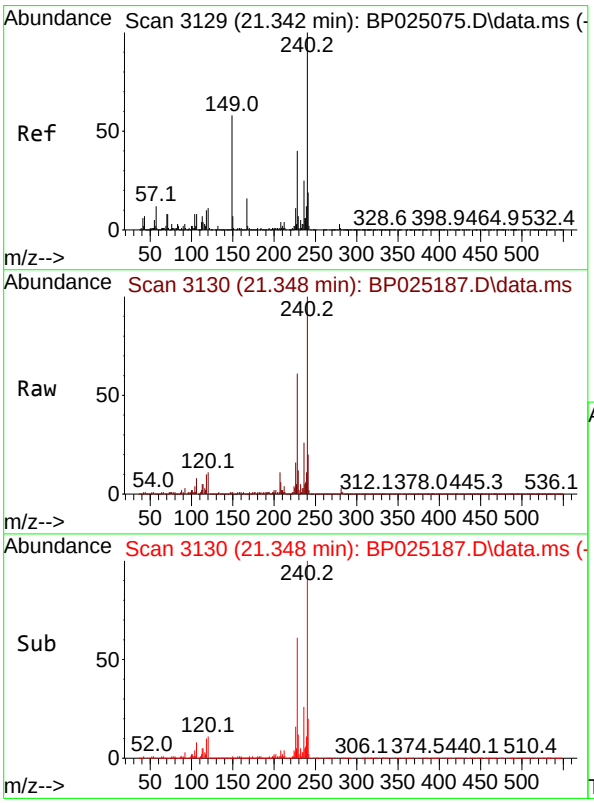
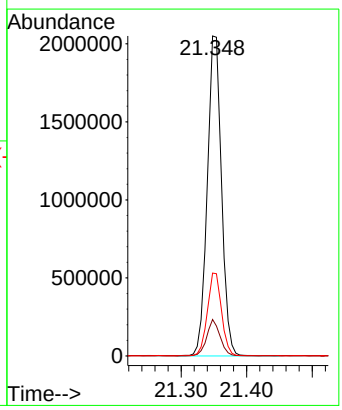


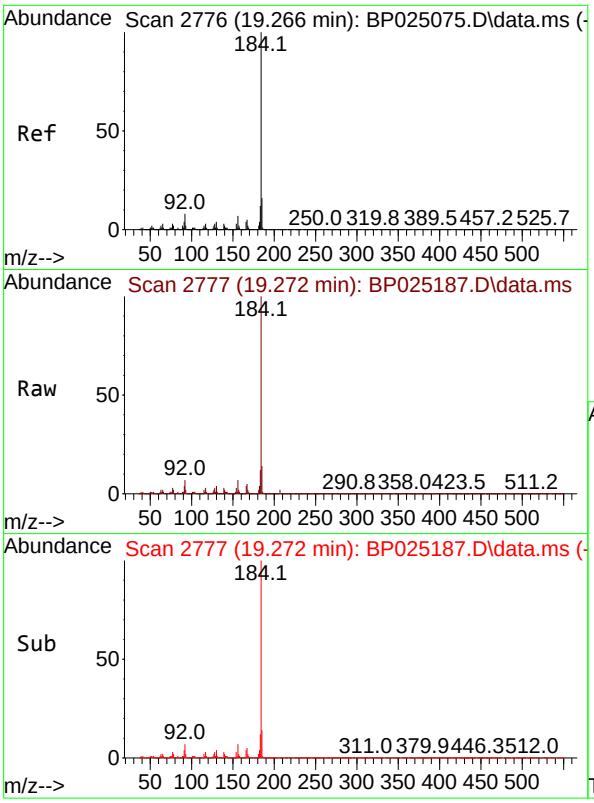


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:240 Resp: 3091728

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.4
236	25.9	20.3	30.5

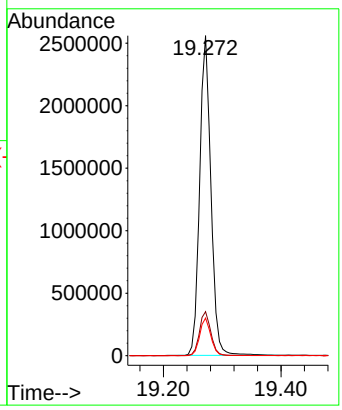




#77
Benzidine
Concen: 62.073 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:184 Resp: 338945

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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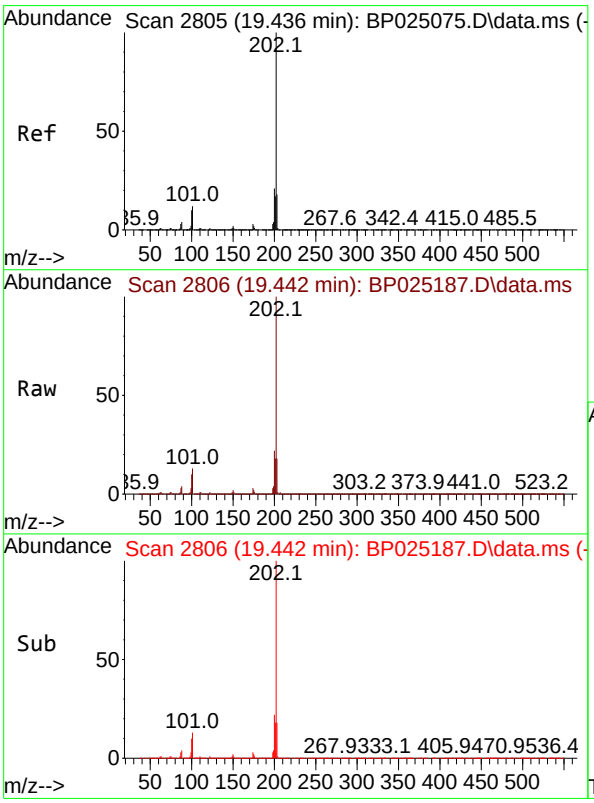
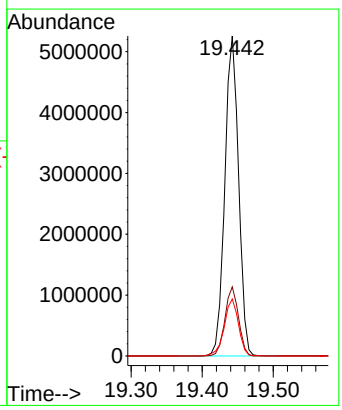
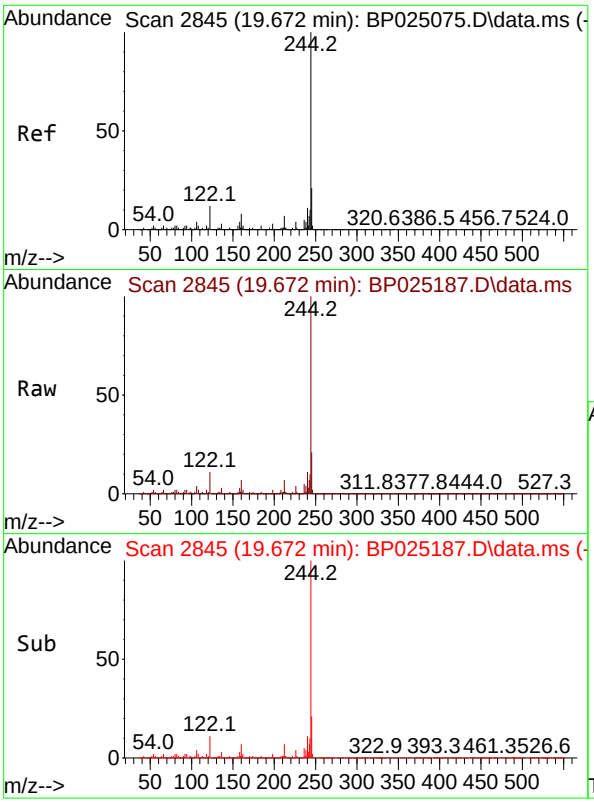


#78
Pyrene
Concen: 36.776 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:202 Resp: 7042387

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.8	14.1	21.1

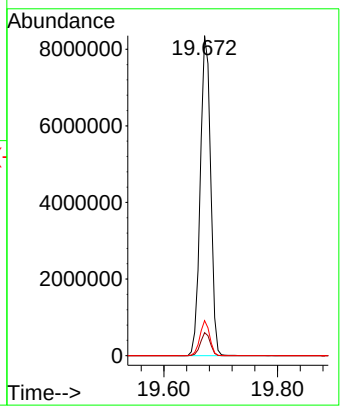




#79
Terphenyl-d14
Concen: 75.154 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:244 Resp:1057224

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.0	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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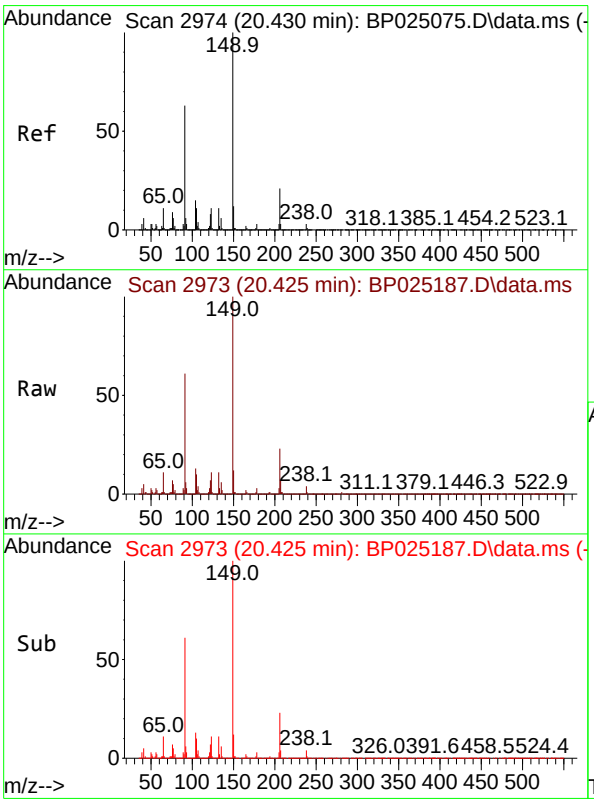
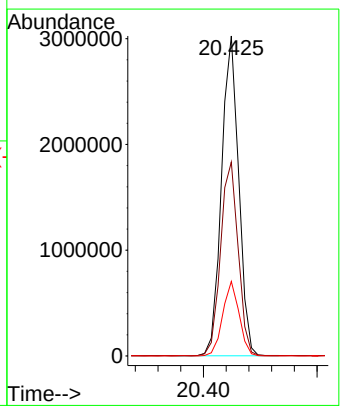
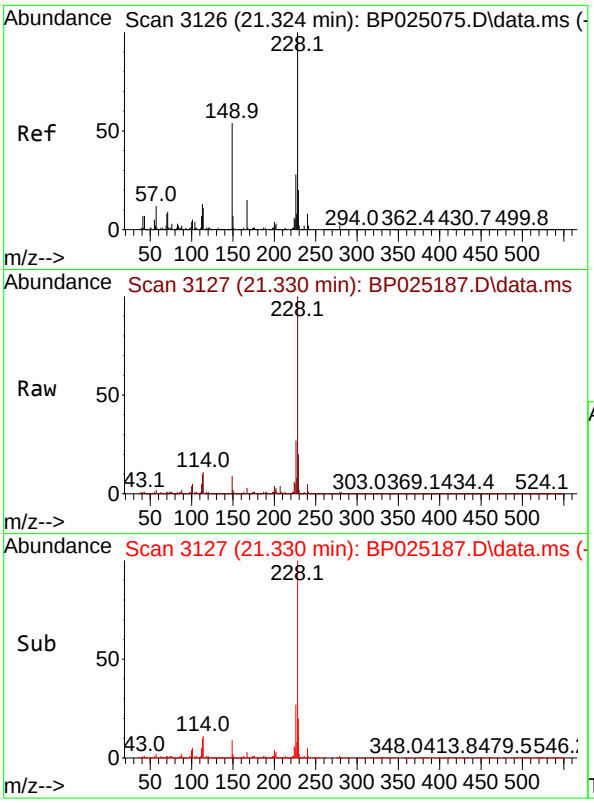


#80
Butylbenzylphthalate
Concen: 43.409 ng
RT: 20.425 min Scan# 2973
Delta R.T. -0.005 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:149 Resp: 3174538

Ion	Ratio	Lower	Upper
149	100		
91	60.6	50.6	76.0
206	23.3	17.2	25.8

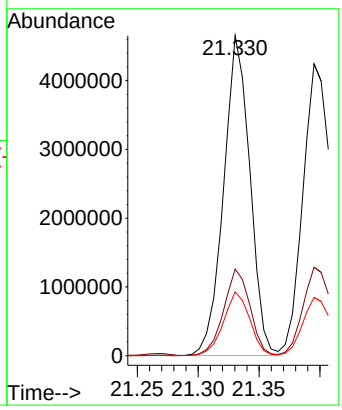




#81
Benzo(a)anthracene
Concen: 37.242 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:228 Resp: 697786

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	20.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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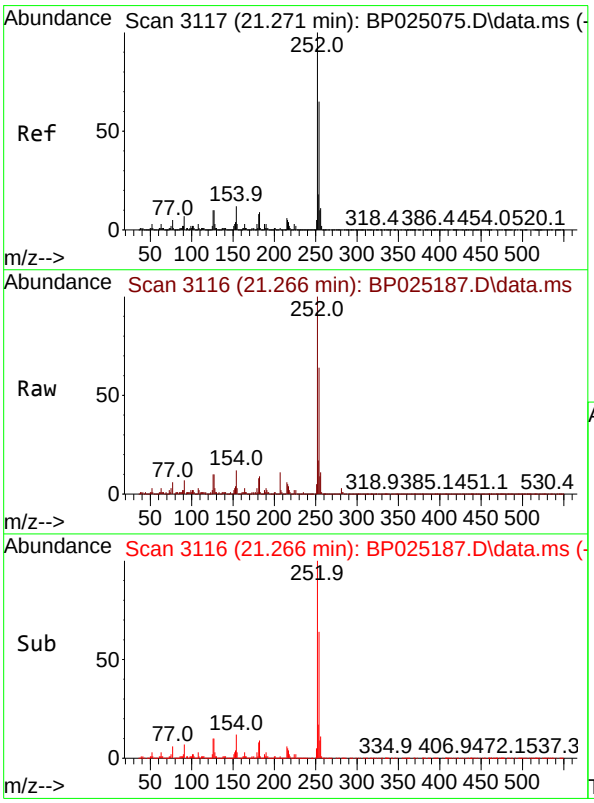
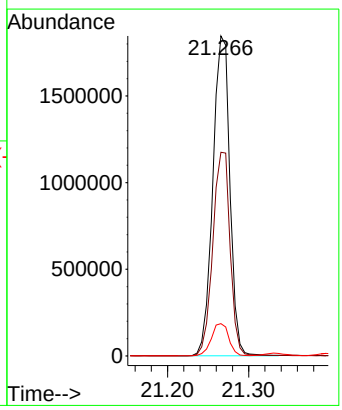
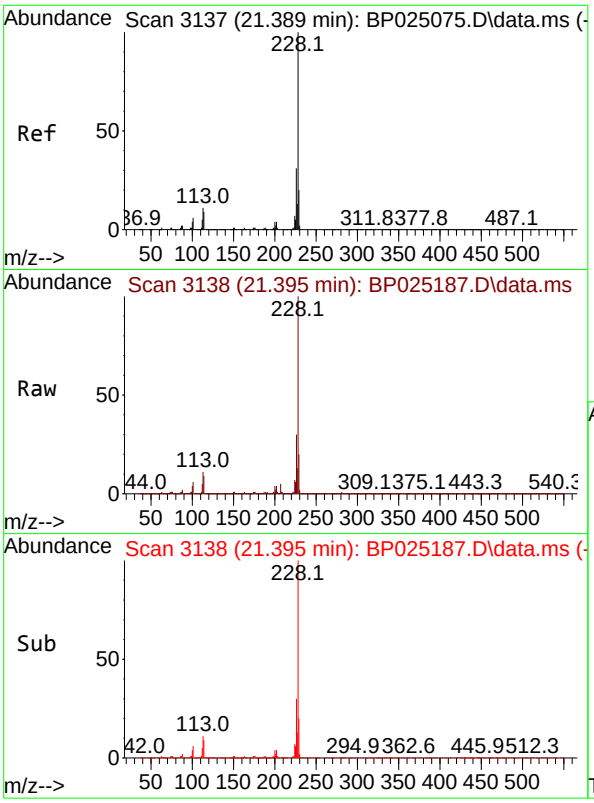


#82
3,3'-Dichlorobenzidine
Concen: 47.747 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:252 Resp: 2693075

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	10.1	8.1	12.1





#83
Chrysene
Concen: 37.025 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:228 Resp: 667579

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.0	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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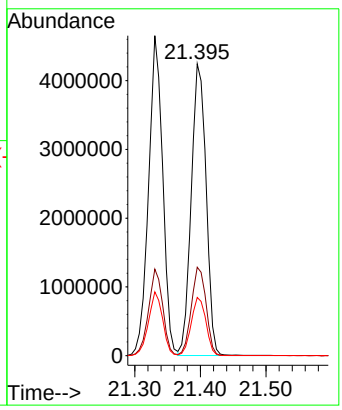
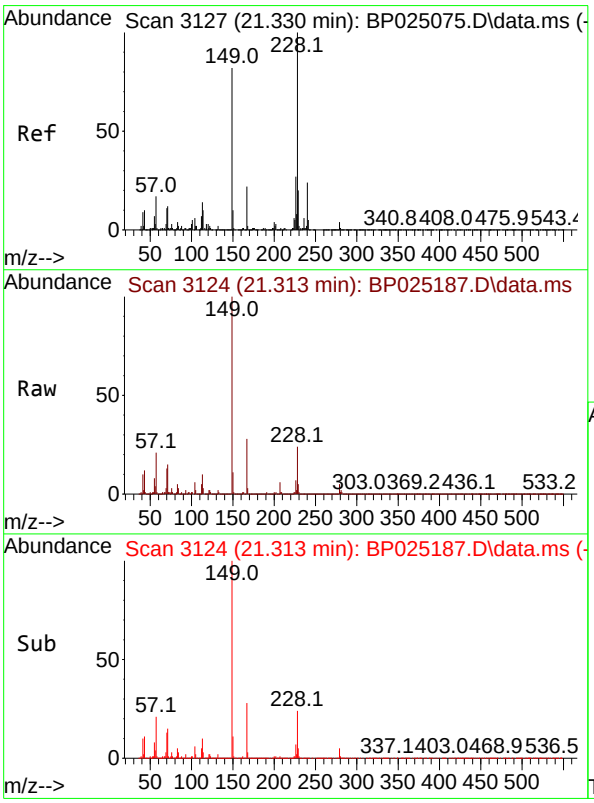
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

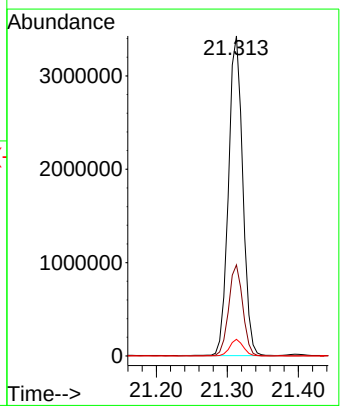


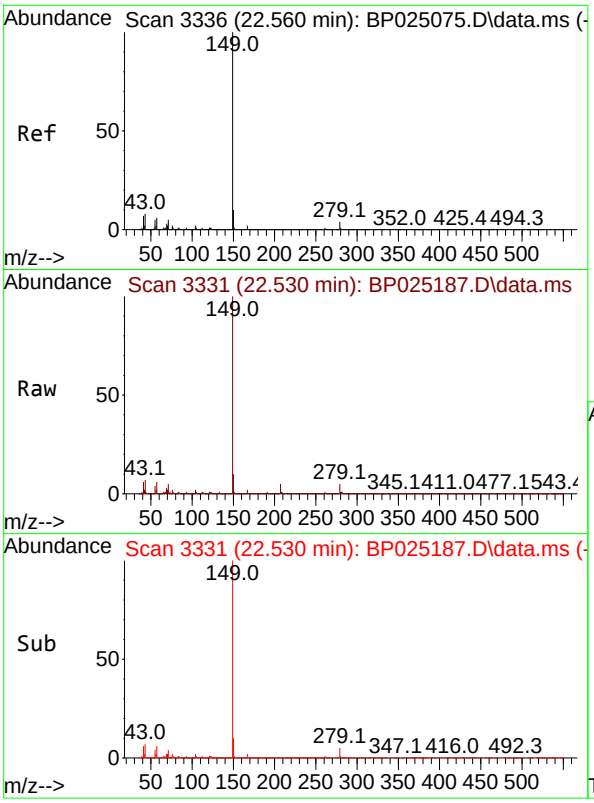


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.504 ng
RT: 21.313 min Scan# 3124
Delta R.T. -0.018 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:149 Resp: 4774117

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	5.2	3.5	5.3

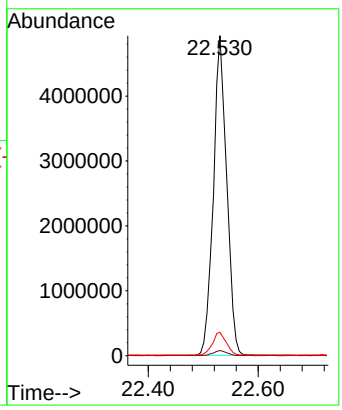




#85
Di-n-octyl phthalate
Concen: 45.411 ng
RT: 22.530 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:149 Resp: 829895

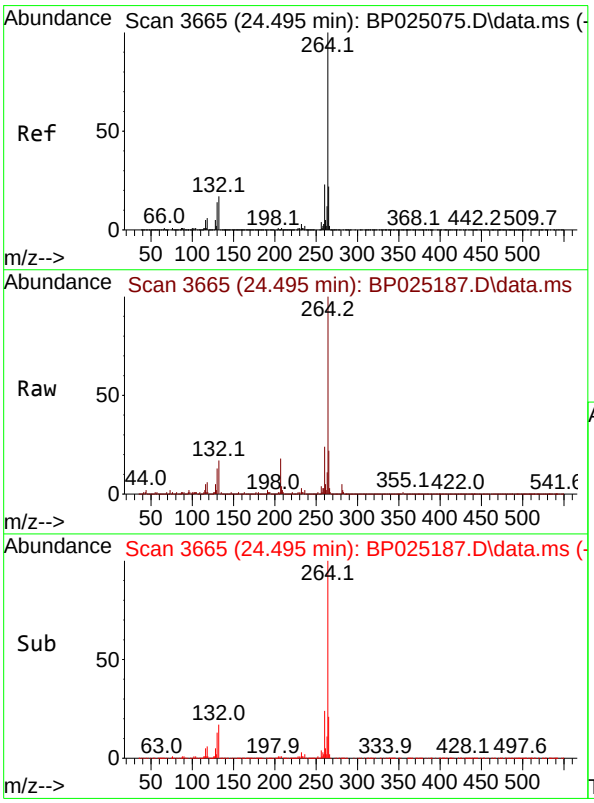
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

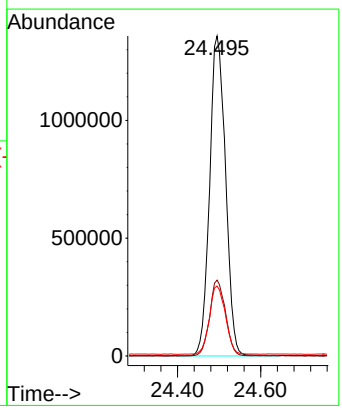
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

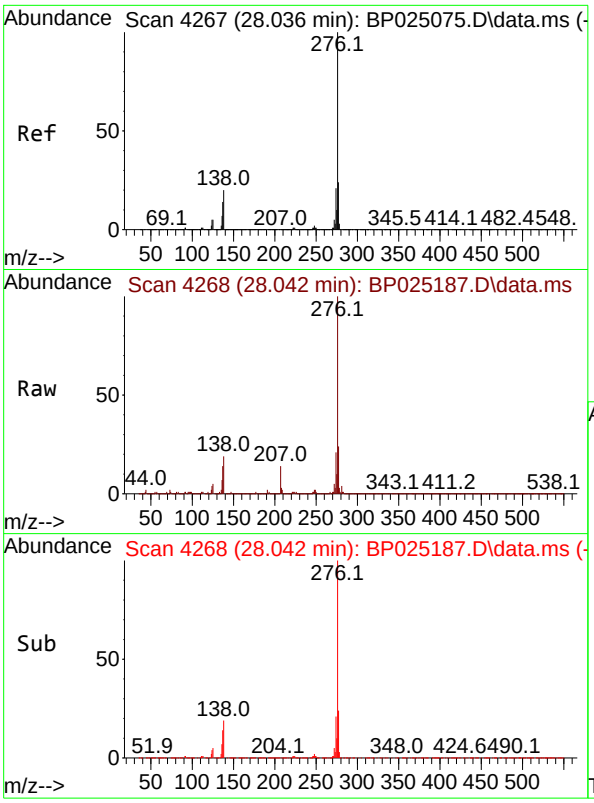


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:264 Resp: 3620682

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.8	17.7	26.5

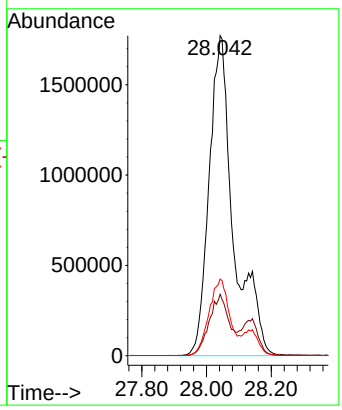




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.270 ng m
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:276 Resp: 928849

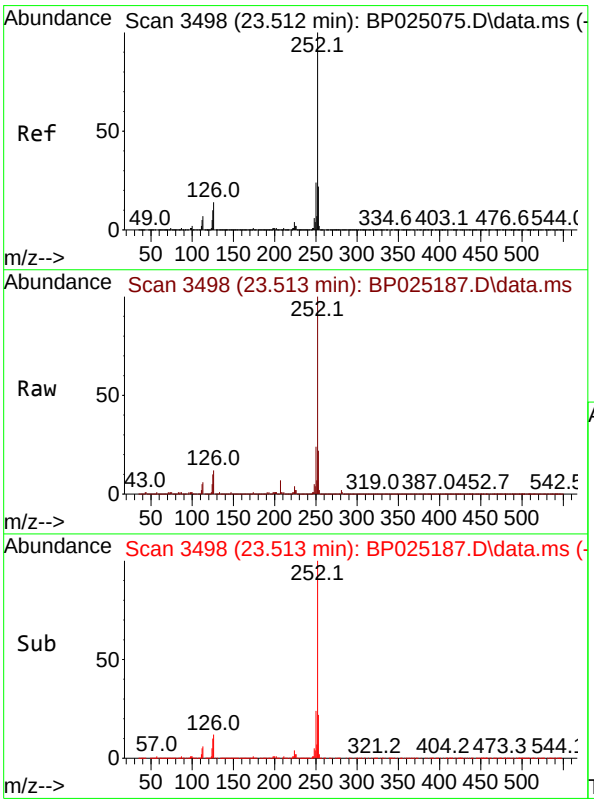
Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.0	19.6
277	20.5	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

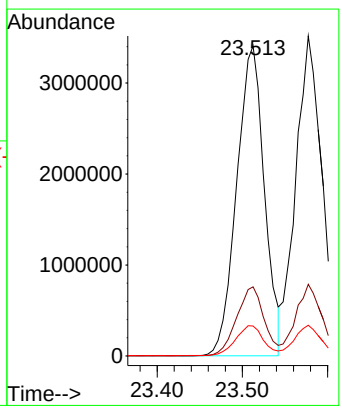
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

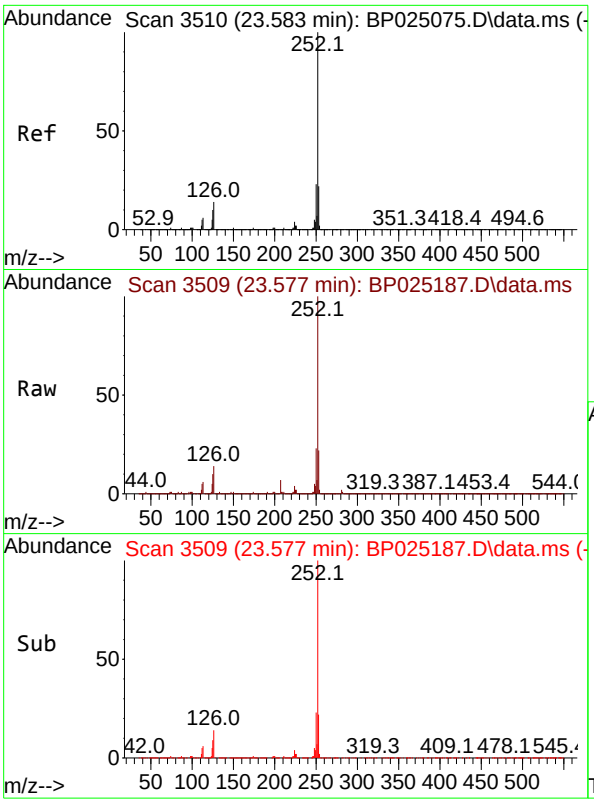


#88
Benzo(b)fluoranthene
Concen: 36.504 ng
RT: 23.513 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:252 Resp: 7692853

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.7	8.1	12.1

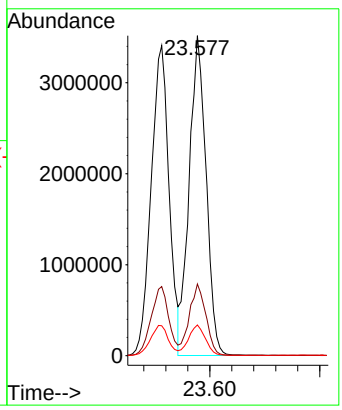




#89
Benzo(k)fluoranthene
Concen: 35.769 ng
RT: 23.577 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:252 Resp: 750029

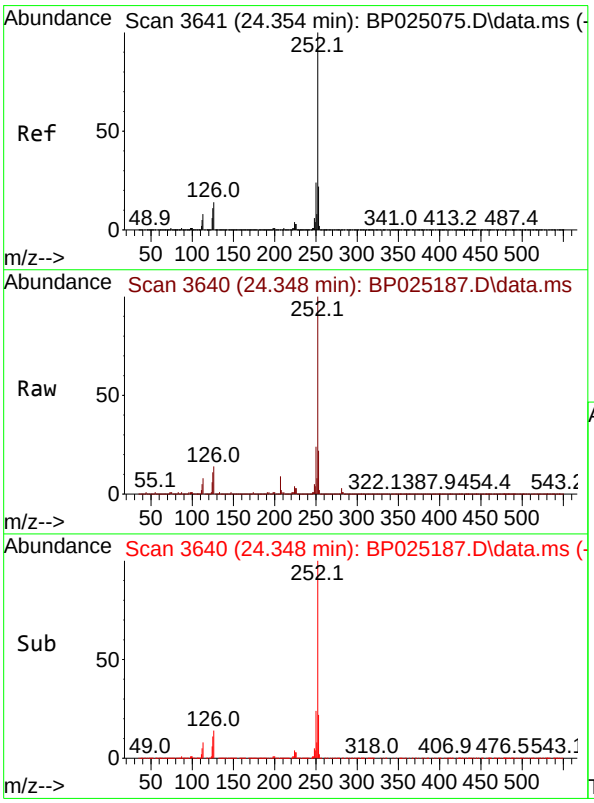
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.6	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

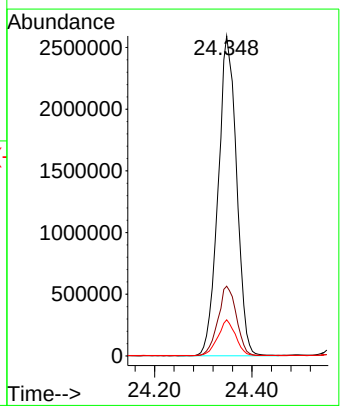
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

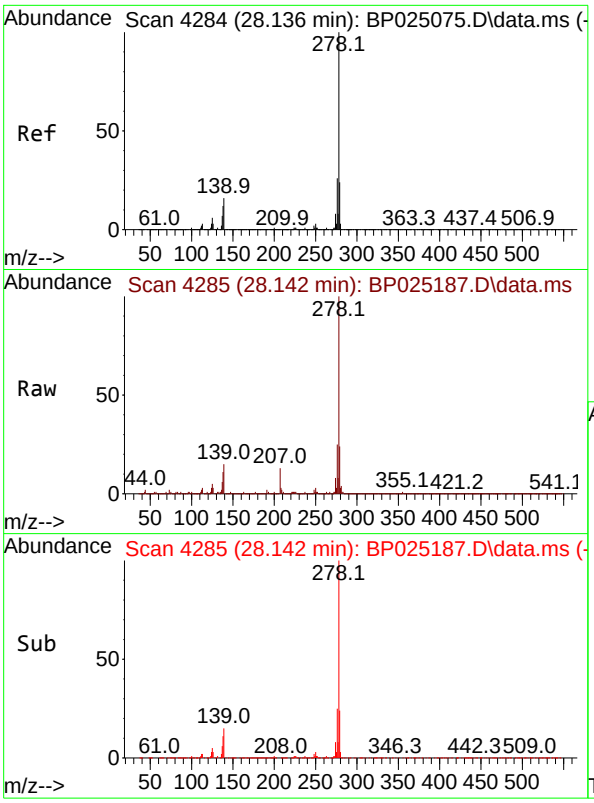


#90
Benzo(a)pyrene
Concen: 38.067 ng
RT: 24.348 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:252 Resp: 6827776

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.3	9.0	13.4

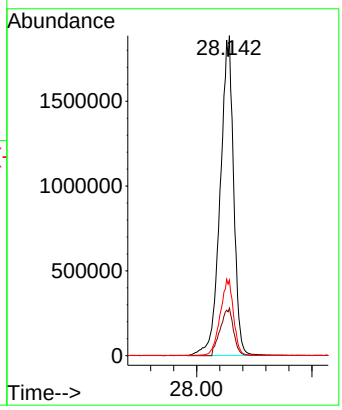




#91
Dibenzo(a,h)anthracene
Concen: 40.071 ng
RT: 28.142 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:278 Resp: 763999

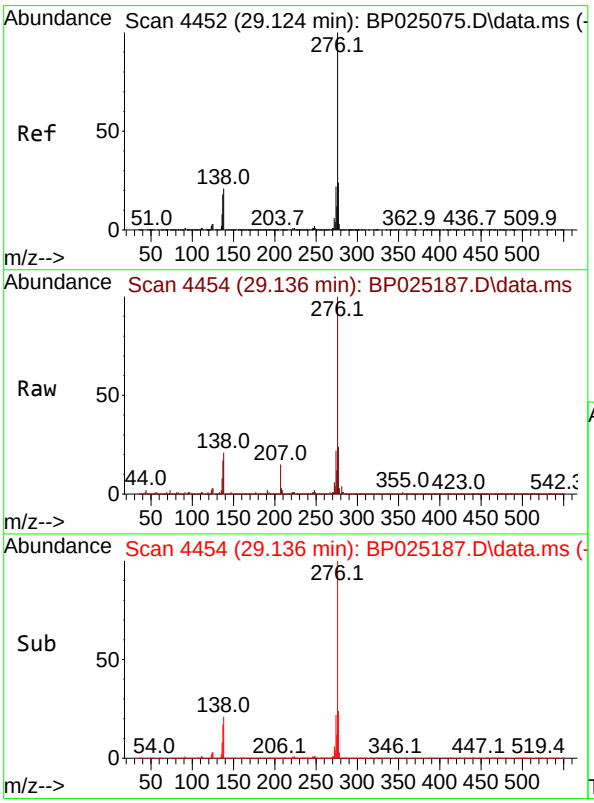
Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.1	19.7
279	23.6	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

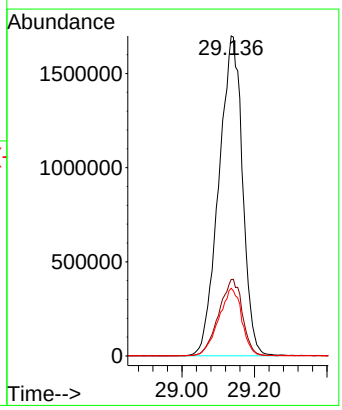
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025



#92
Benzo(g,h,i)perylene
Concen: 39.037 ng
RT: 29.136 min Scan# 4454
Delta R.T. 0.012 min
Lab File: BP025187.D
Acq: 18 Jul 2025 11:04

Tgt Ion:276 Resp: 7688711

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.1	16.9	25.3



Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	136	0.00
2		1,4-Dioxane	0.439	0.381	13.2	119	0.00
3		Pyridine	1.202	1.053	12.4	117	0.00
4		n-Nitrosodimethylamine	0.509	0.421	17.3	113	0.00
5	S	2-Fluorophenol	1.129	1.060	6.1	127	0.00
6		Aniline	1.376	1.240	9.9	122	0.00
7	S	Phenol-d6	1.473	1.366	7.3	127	0.00
8		2-Chlorophenol	1.263	1.211	4.1	131	0.00
9		Benzaldehyde	0.769	0.712	7.4	134	0.00
10	C	Phenol	1.497	1.351	9.8	125	0.01
11		bis(2-Chloroethyl)ether	1.152	1.027	10.9	124	-0.01
12		1,3-Dichlorobenzene	1.413	1.288	8.8	127	0.00
13	C	1,4-Dichlorobenzene	1.431	1.311	8.4	127	0.00
14		1,2-Dichlorobenzene	1.377	1.272	7.6	128	0.00
15		Benzyl Alcohol	0.983	0.945	3.9	134	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.251	16.5	119	0.00
17		2-Methylphenol	0.964	0.922	4.4	130	0.01
18		Hexachloroethane	0.466	0.455	2.4	134	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.816	6.6	128	0.00
20		3+4-Methylphenols	1.350	1.285	4.8	131	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	138	0.00
22		Acetophenone	0.473	0.425	10.1	126	0.00
23	S	Nitrobenzene-d5	0.301	0.288	4.3	129	0.00
24		Nitrobenzene	0.306	0.288	5.9	128	0.00
25		Isophorone	0.562	0.529	5.9	130	0.00
26	C	2-Nitrophenol	0.128	0.172	-34.4#	177#	0.00
27		2,4-Dimethylphenol	0.210	0.200	4.8	132	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.353	7.6	130	0.00
29	C	2,4-Dichlorophenol	0.291	0.291	0.0	134	0.01
30		1,2,4-Trichlorobenzene	0.322	0.306	5.0	132	0.00
31		Naphthalene	1.030	0.936	9.1	127	0.00
32		Benzoic acid	0.185	0.247	-33.5#	182#	0.04
33		4-Chloroaniline	0.384	0.359	6.5	126	0.00
34	C	Hexachlorobutadiene	0.185	0.186	-0.5	141	0.00
35		Caprolactam	0.099	0.097	2.0	133	0.02
36	C	4-Chloro-3-methylphenol	0.304	0.296	2.6	132	0.00
37		2-Methylnaphthalene	0.727	0.675	7.2	129	0.00
38		1-Methylnaphthalene	0.709	0.653	7.9	130	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	142	0.01
40		1,2,4,5-Tetrachlorobenzene	0.575	0.552	4.0	135	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.168	-12.0	161#	-0.01
42	S	2,4,6-Tribromophenol	0.236	0.273	-15.7	158#	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.368	-5.7	142	0.01
44		2,4,5-Trichlorophenol	0.394	0.406	-3.0	141	0.01
45	S	2-Fluorobiphenyl	1.291	1.166	9.7	130	0.00
46		1,1'-Biphenyl	1.455	1.318	9.4	129	0.00
47		2-Chloronaphthalene	1.094	0.997	8.9	130	0.00

Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	0.237	0.256	-8.0	141	0.00
49		Acenaphthylene	1.674	1.527	8.8	128	0.00
50		Dimethylphthalate	1.400	1.304	6.9	132	0.00
51		2,6-Dinitrotoluene	0.273	0.286	-4.8	138	0.01
52	C	Acenaphthene	1.079	0.968	10.3	129	0.00
53		3-Nitroaniline	0.293	0.306	-4.4	135	0.02
54	P	2,4-Dinitrophenol	0.114	0.169	-48.2#	206#	0.02
55		Dibenzofuran	1.781	1.614	9.4	130	0.00
56	P	4-Nitrophenol	0.270	0.276	-2.2	138	0.04
57		2,4-Dinitrotoluene	0.356	0.392	-10.1	142	0.01
58		Fluorene	1.377	1.237	10.2	126	0.01
59		2,3,4,6-Tetrachlorophenol	0.357	0.373	-4.5	143	0.01
60		Diethylphthalate	1.406	1.340	4.7	133	0.00
61		4-Chlorophenyl-phenylether	0.682	0.626	8.2	131	0.00
62		4-Nitroaniline	0.307	0.328	-6.8	136	0.01
63		Azobenzene	1.252	1.081	13.7	122	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	139	0.02
65		4,6-Dinitro-2-methylphenol	0.082	0.114	-39.0#	196#	0.01
66	c	n-Nitrosodiphenylamine	0.572	0.539	5.8	131	0.00
67		4-Bromophenyl-phenylether	0.205	0.211	-2.9	143	0.00
68		Hexachlorobenzene	0.250	0.249	0.4	140	0.00
69		Atrazine	0.168	0.146	13.1	118	0.01
70	C	Pentachlorophenol	0.169	0.185	-9.5	150#	0.02
71		Phenanthrene	1.069	0.966	9.6	126	0.01
72		Anthracene	1.025	0.955	6.8	128	0.00
73		Carbazole	1.002	0.943	5.9	127	0.02
74		Di-n-butylphthalate	1.116	1.193	-6.9	140	0.00
75	C	Fluoranthene	1.249	1.197	4.2	129	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	137	0.00
77		Benzidine	0.353	0.548	-55.2#	131	0.00
78		Pyrene	1.239	1.139	8.1	126	0.00
79	S	Terphenyl-d14	0.910	0.855	6.0	128	0.00
80		Butylbenzylphthalate	0.402	0.513	-27.6#	159#	0.00
81		Benzo(a)anthracene	1.212	1.128	6.9	127	0.00
82		3,3'-Dichlorobenzidine	0.365	0.436	-19.5	153#	0.00
83		Chrysene	1.166	1.080	7.4	127	0.00
84		Bis(2-ethylhexyl)phthalate	0.650	0.772	-18.8	150#	-0.02
85	c	Di-n-octyl phthalate	1.054	1.342	-27.3#	168#	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	149	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.283	-0.7	143	0.00
88		Benzo(b)fluoranthene	1.164	1.062	8.8	132	0.00
89		Benzo(k)fluoranthene	1.158	1.036	10.5	134	0.00
90	C	Benzo(a)pyrene	0.991	0.943	4.8	136	0.00
91		Dibenzo(a,h)anthracene	1.053	1.055	-0.2	143	0.00
92		Benzo(g,h,i)perylene	1.088	1.062	2.4	140	0.01

Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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 = 2

Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	136	0.00
2		1,4-Dioxane	40.000	34.679	13.3	119	0.00
3		Pyridine	40.000	35.046	12.4	117	0.00
4		n-Nitrosodimethylamine	40.000	33.080	17.3	113	0.00
5	S	2-Fluorophenol	80.000	75.147	6.1	127	0.00
6		Aniline	40.000	36.049	9.9	122	0.00
7	S	Phenol-d6	80.000	74.193	7.3	127	0.00
8		2-Chlorophenol	40.000	38.362	4.1	131	0.00
9		Benzaldehyde	40.000	36.998	7.5	134	0.00
10	C	Phenol	40.000	36.117	9.7	125	0.01
11		bis(2-Chloroethyl)ether	40.000	35.650	10.9	124	-0.01
12		1,3-Dichlorobenzene	40.000	36.457	8.9	127	0.00
13	C	1,4-Dichlorobenzene	40.000	36.631	8.4	127	0.00
14		1,2-Dichlorobenzene	40.000	36.950	7.6	128	0.00
15		Benzyl Alcohol	40.000	38.428	3.9	134	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.421	16.4	119	0.00
17		2-Methylphenol	40.000	38.267	4.3	130	0.01
18		Hexachloroethane	40.000	39.019	2.5	134	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.371	6.6	128	0.00
20		3+4-Methylphenols	40.000	38.048	4.9	131	0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	138	0.00
22		Acetophenone	40.000	35.975	10.1	126	0.00
23	S	Nitrobenzene-d5	80.000	76.537	4.3	129	0.00
24		Nitrobenzene	40.000	37.591	6.0	128	0.00
25		Isophorone	40.000	37.635	5.9	130	0.00
26	C	2-Nitrophenol	40.000	46.379	-15.9	177	0.00
27		2,4-Dimethylphenol	40.000	38.154	4.6	132	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.033	7.4	130	0.00
29	C	2,4-Dichlorophenol	40.000	40.095	-0.2	134	0.01
30		1,2,4-Trichlorobenzene	40.000	38.076	4.8	132	0.00
31		Naphthalene	40.000	36.365	9.1	127	0.00
32		Benzoic acid	40.000	47.258	-18.1	182	0.04
33		4-Chloroaniline	40.000	37.319	6.7	126	0.00
34	C	Hexachlorobutadiene	40.000	40.261	-0.7	141	0.00
35		Caprolactam	40.000	39.056	2.4	133	0.02
36	C	4-Chloro-3-methylphenol	40.000	39.033	2.4	132	0.00
37		2-Methylnaphthalene	40.000	37.184	7.0	129	0.00
38		1-Methylnaphthalene	40.000	36.882	7.8	130	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	142	0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	38.383	4.0	135	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.788	-12.0	161	-0.01
42	S	2,4,6-Tribromophenol	80.000	92.443	-15.6	158	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.344	-5.9	142	0.01
44		2,4,5-Trichlorophenol	40.000	41.215	-3.0	141	0.01
45	S	2-Fluorobiphenyl	80.000	72.279	9.7	130	0.00
46		1,1'-Biphenyl	40.000	36.236	9.4	129	0.00
47		2-Chloronaphthalene	40.000	36.457	8.9	130	0.00

Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 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	38.721	3.2	141	0.00
49		Acenaphthylene	40.000	36.487	8.8	128	0.00
50		Dimethylphthalate	40.000	37.245	6.9	132	0.00
51		2,6-Dinitrotoluene	40.000	41.967	-4.9	138	0.01
52	C	Acenaphthene	40.000	35.888	10.3	129	0.00
53		3-Nitroaniline	40.000	41.772	-4.4	135	0.02
54	P	2,4-Dinitrophenol	40.000	52.724	-31.8#	206	0.02
55		Dibenzofuran	40.000	36.263	9.3	130	0.00
56	P	4-Nitrophenol	40.000	40.881	-2.2	138	0.04
57		2,4-Dinitrotoluene	40.000	39.574	1.1	142	0.01
58		Fluorene	40.000	35.934	10.2	126	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	41.795	-4.5	143	0.01
60		Diethylphthalate	40.000	38.105	4.7	133	0.00
61		4-Chlorophenyl-phenylether	40.000	36.732	8.2	131	0.00
62		4-Nitroaniline	40.000	42.792	-7.0	136	0.01
63		Azobenzene	40.000	34.529	13.7	122	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	139	0.02
65		4,6-Dinitro-2-methylphenol	40.000	50.040	-25.1#	196	0.01
66	c	n-Nitrosodiphenylamine	40.000	37.671	5.8	131	0.00
67		4-Bromophenyl-phenylether	40.000	41.198	-3.0	143	0.00
68		Hexachlorobenzene	40.000	39.855	0.4	140	0.00
69		Atrazine	40.000	34.885	12.8	118	0.01
70	C	Pentachlorophenol	40.000	43.832	-9.6	150	0.02
71		Phenanthrene	40.000	36.153	9.6	126	0.01
72		Anthracene	40.000	37.266	6.8	128	0.00
73		Carbazole	40.000	37.621	5.9	127	0.02
74		Di-n-butylphthalate	40.000	42.758	-6.9	140	0.00
75	C	Fluoranthene	40.000	38.314	4.2	129	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	137	0.00
77		Benzidine	40.000	62.073	-55.2#	131	0.00
78		Pyrene	40.000	36.776	8.1	126	0.00
79	S	Terphenyl-d14	80.000	75.154	6.1	128	0.00
80		Butylbenzylphthalate	40.000	43.409	-8.5	159	0.00
81		Benzo(a)anthracene	40.000	37.242	6.9	127	0.00
82		3,3'-Dichlorobenzidine	40.000	47.747	-19.4	153	0.00
83		Chrysene	40.000	37.025	7.4	127	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	47.504	-18.8	150	-0.02
85	c	Di-n-octyl phthalate	40.000	45.411	-13.5	168	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	149	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.270	-0.7	143	0.00
88		Benzo(b)fluoranthene	40.000	36.504	8.7	132	0.00
89		Benzo(k)fluoranthene	40.000	35.769	10.6	134	0.00
90	C	Benzo(a)pyrene	40.000	38.067	4.8	136	0.00
91		Dibenzo(a,h)anthracene	40.000	40.071	-0.2	143	0.00
92		Benzo(g,h,i)perylene	40.000	39.037	2.4	140	0.01

Sample Results: **BP025187.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025187.D
Acq On : 18 Jul 2025 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 18 11:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

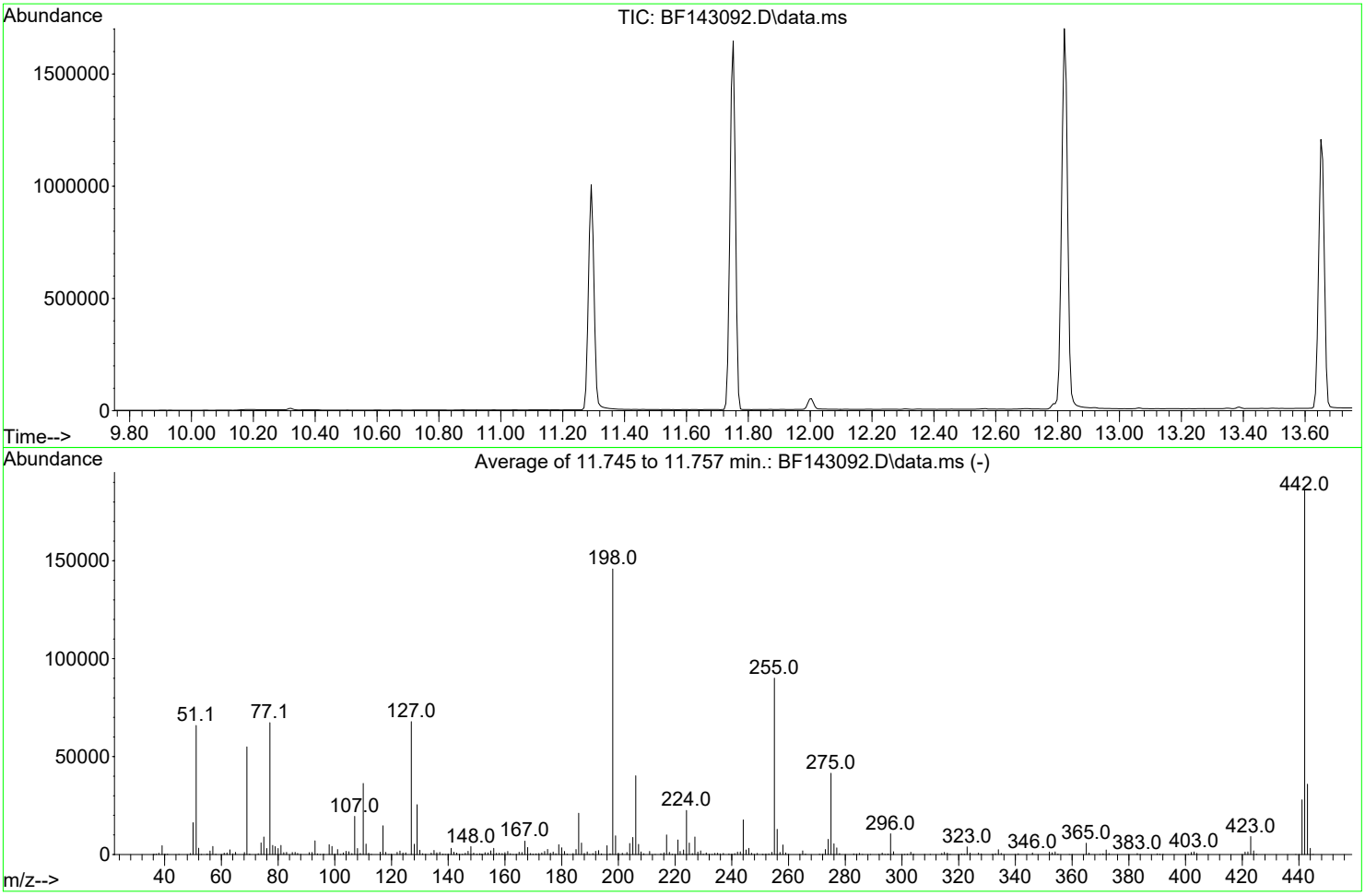
Sample Results: **BF143092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143092.D
Acq On : 15 Jul 2025 12:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 15 17:53:25 2025



AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1617

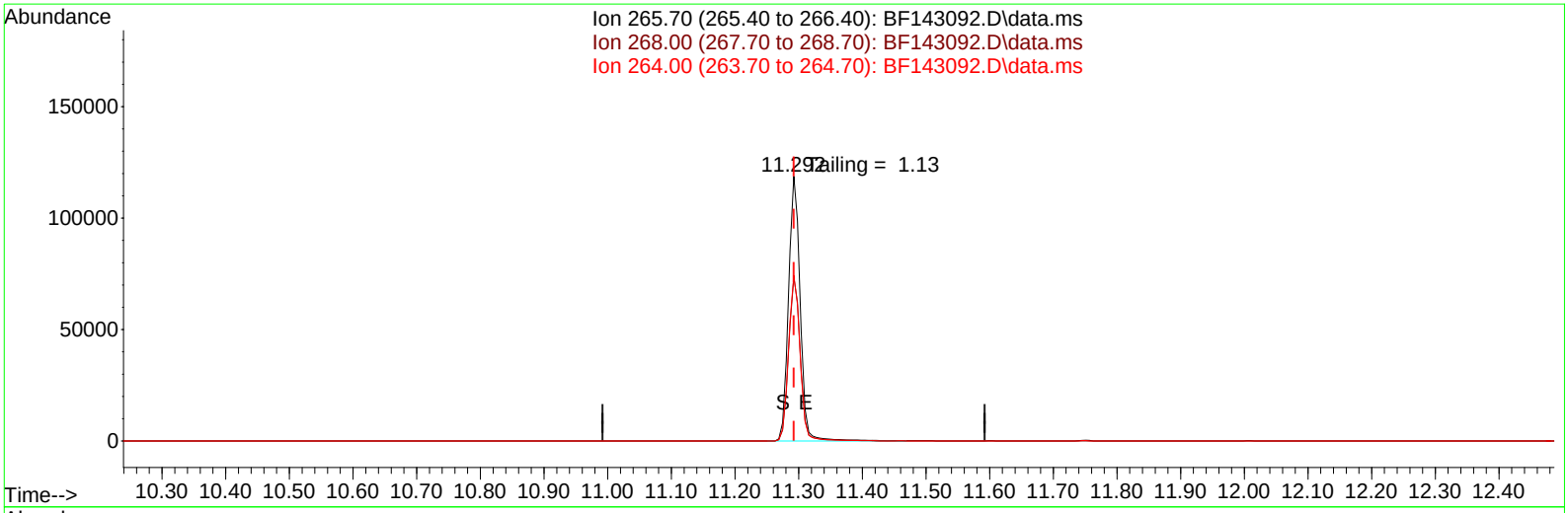
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	1083	PASS
69	69	100	100	100.0	55011	PASS
70	69	0.00	2	0.5	283	PASS
197	198	0.00	2	0.3	479	PASS
198	198	100	100	100.0	145821	PASS
199	198	5	9	6.5	9539	PASS
365	198	1	100	4.0	5805	PASS
441	443	0.01	150	77.7	27936	PASS
442	442	100	100	100.0	185813	PASS
443	442	15	24	19.4	35957	PASS

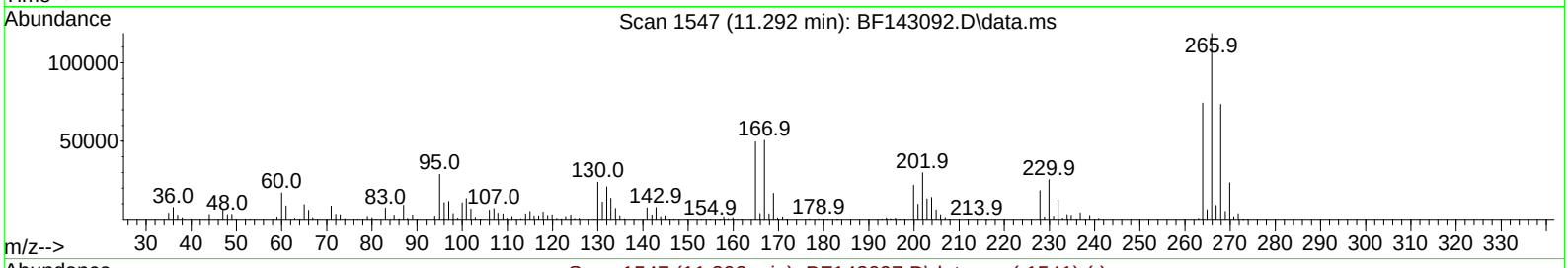
Sample Results: **BF143092.D**

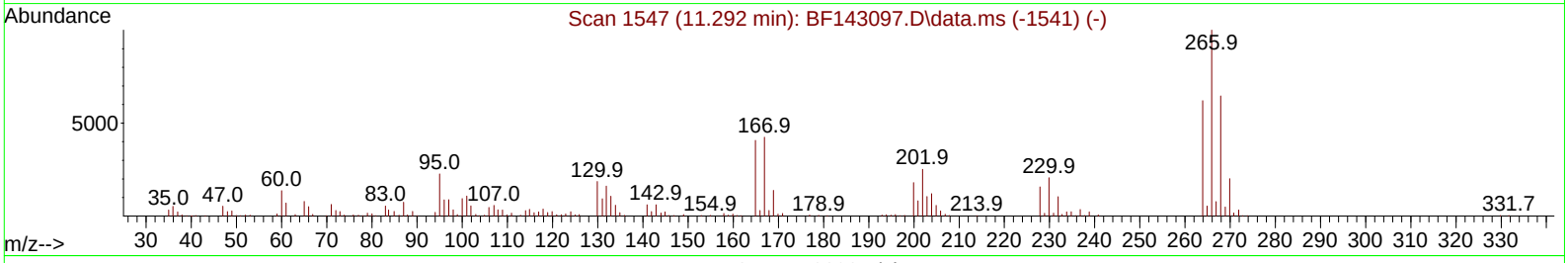
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143092.D
Acq On : 15 Jul 2025 12:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 15 18:02:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration







TIC: BF143092.D\data.ms

(70) Pentachlorophenol (C)

11.292min (+ 0.000) 28198.82 ng

response 151956

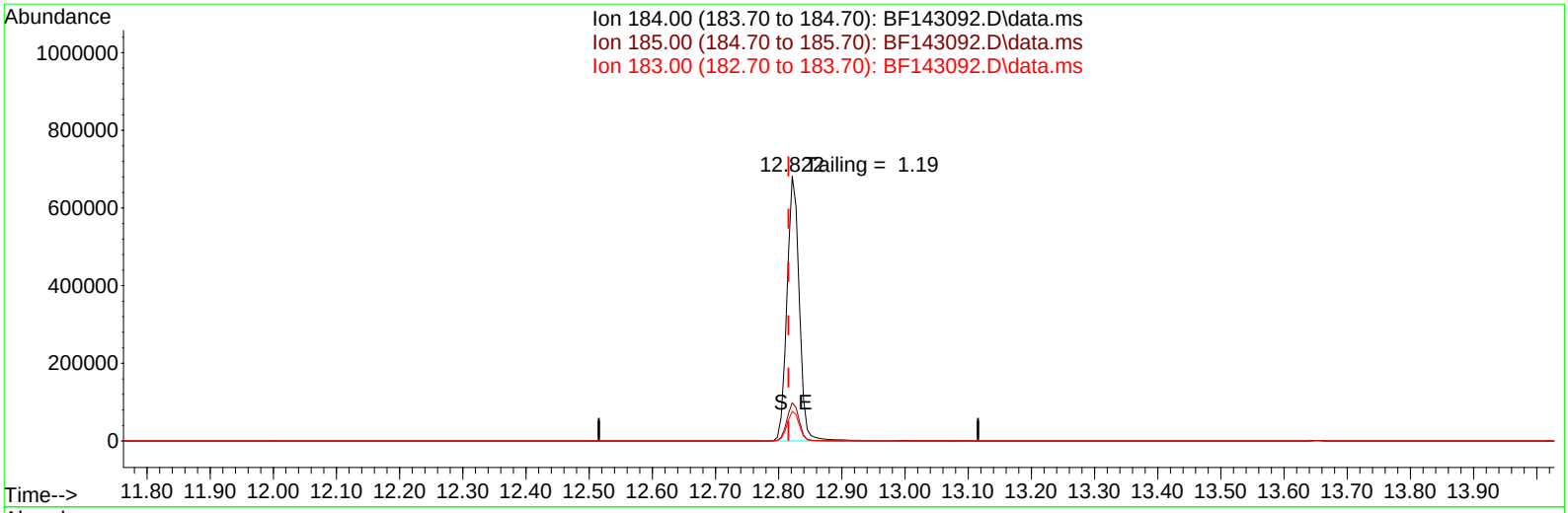
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	61.86
264.00	62.10	62.56
0.00	0.00	0.00

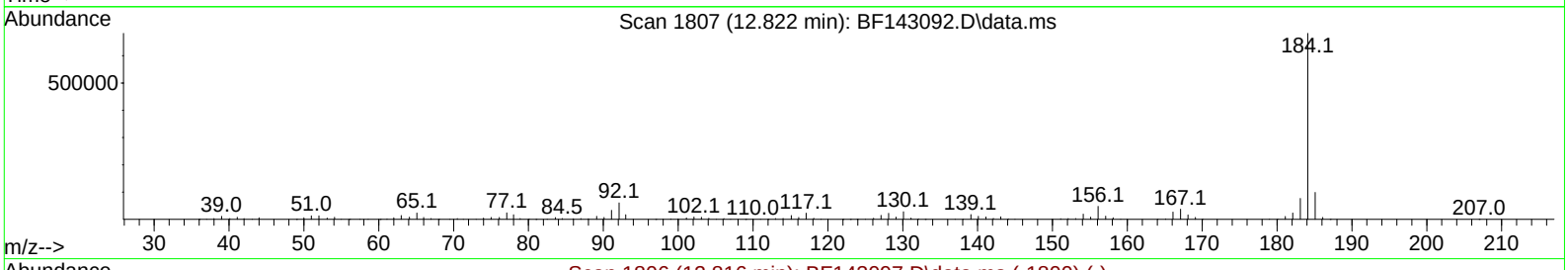
Sample Results: **BF143092.D**

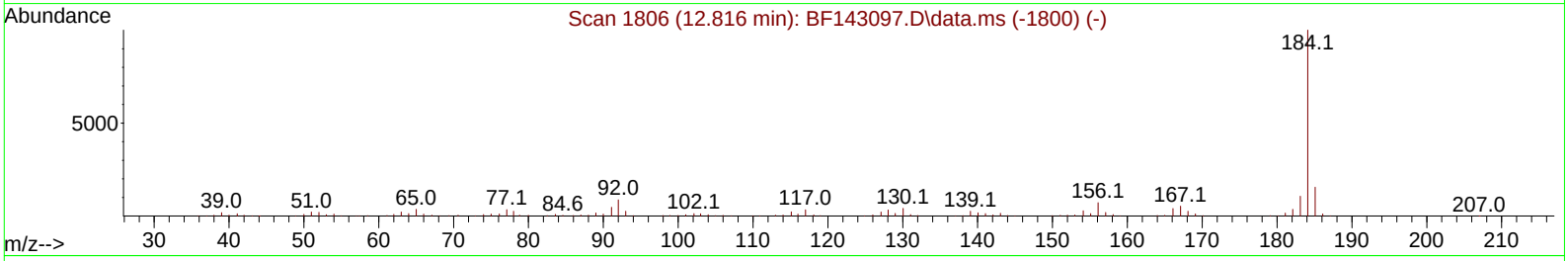
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
Data File : BF143092.D
Acq On : 15 Jul 2025 12:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 15 18:02:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration







TIC: BF143092.D\data.ms

(77) Benzidine

12.822min (+ 0.006) 0.00 ng

response 925010

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.50	14.52
183.00	10.70	11.25
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/15/2025	BNA_F	BF143092.D
Compound Name	**Response**	**Retention Time**
DDT	237029	13.651
DDD	2265	13.386
DDE	0	13.01
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2265	239294	0.95

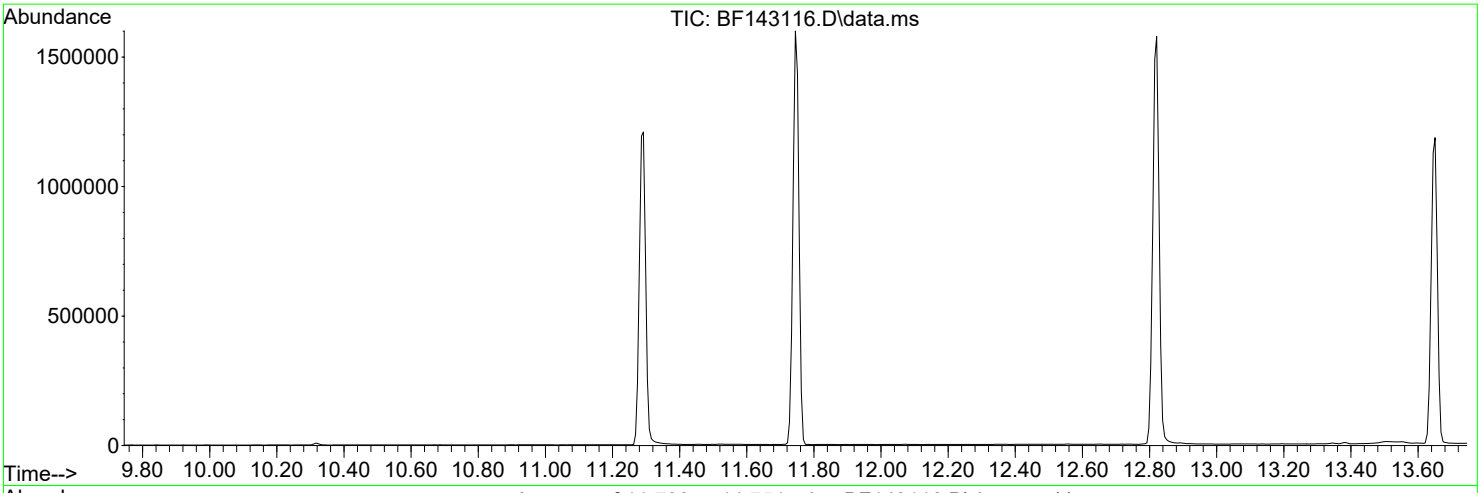
Sample Results: **BF143116.D**

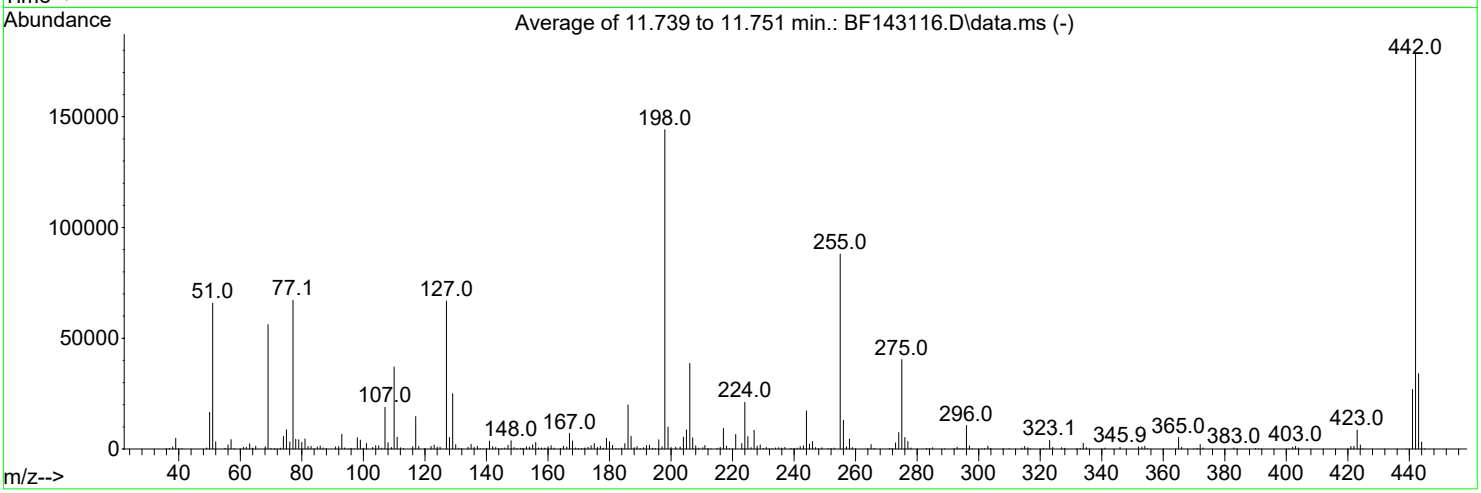
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143116.D
Acq On : 16 Jul 2025 19:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 15 17:53:25 2025





AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

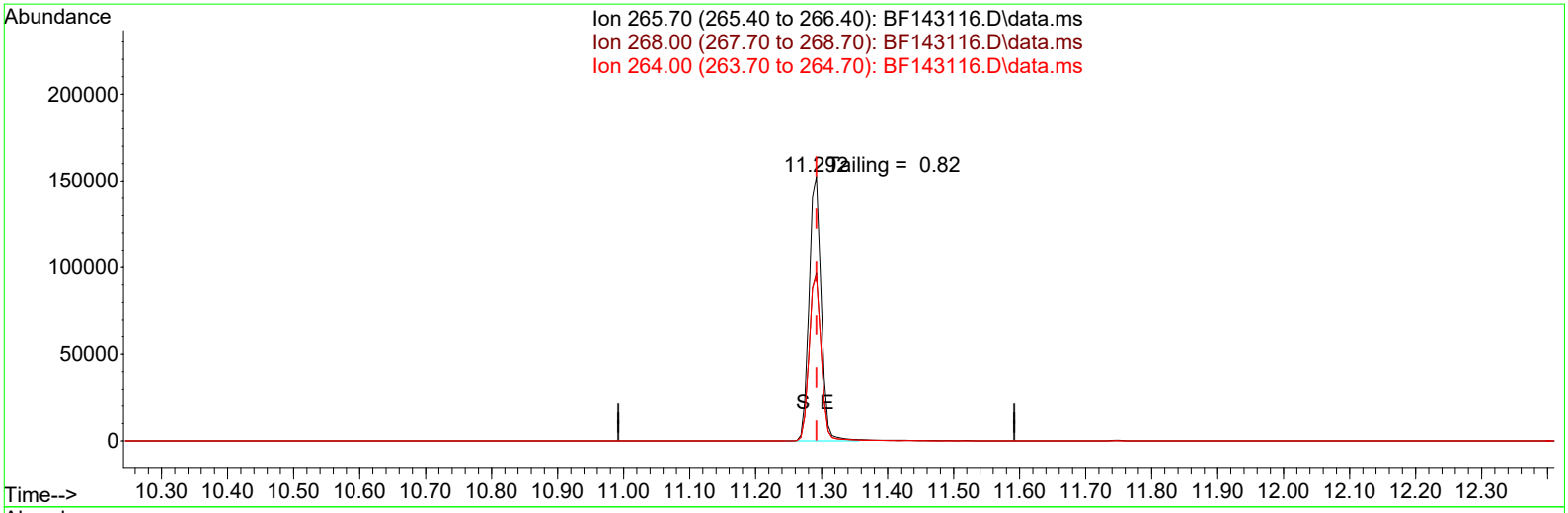
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1058	PASS
69	69	100	100	100.0	56128	PASS
70	69	0.00	2	0.6	318	PASS
197	198	0.00	2	0.7	1000	PASS
198	198	100	100	100.0	144192	PASS
199	198	5	9	6.8	9864	PASS
365	198	1	100	3.6	5196	PASS
441	443	0.01	150	79.1	26908	PASS
442	442	100	100	100.0	178251	PASS
443	442	15	24	19.1	34024	PASS

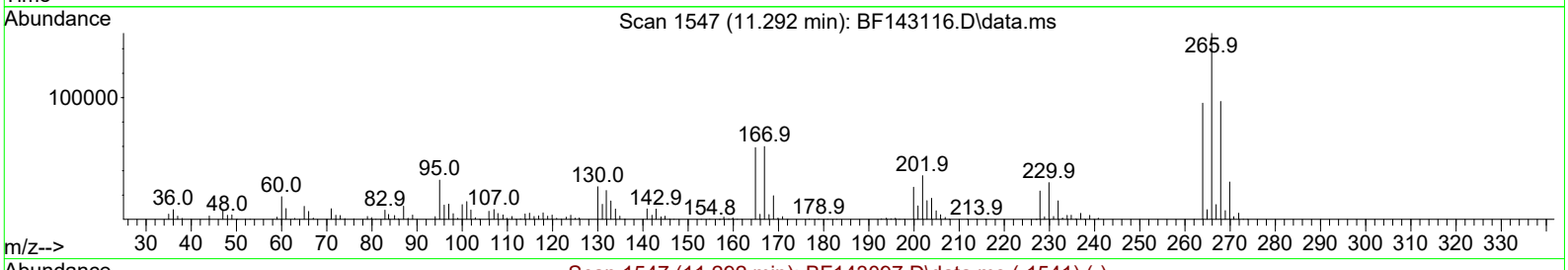
Sample Results: **BF143116.D**

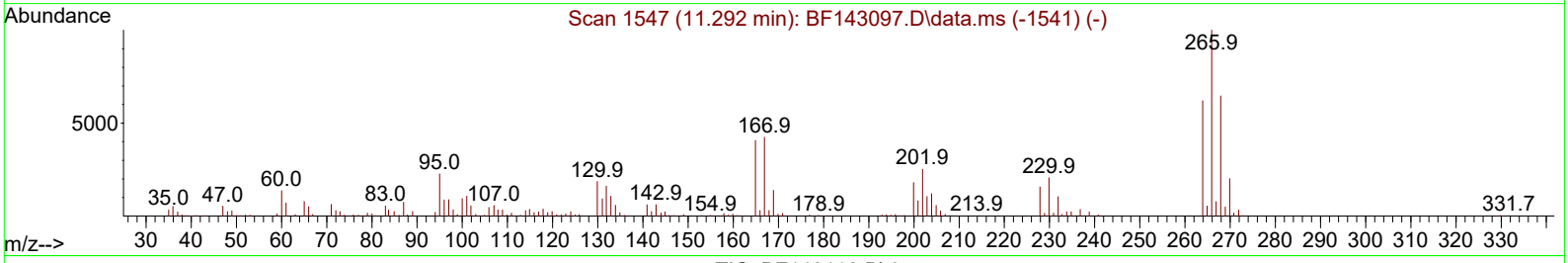
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143116.D
Acq On : 16 Jul 2025 19:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 03:11:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration







TIC: BF143116.D\data.ms

(70) Pentachlorophenol (C)

11.292min (-0.000) 32920.43 ng

response 195924

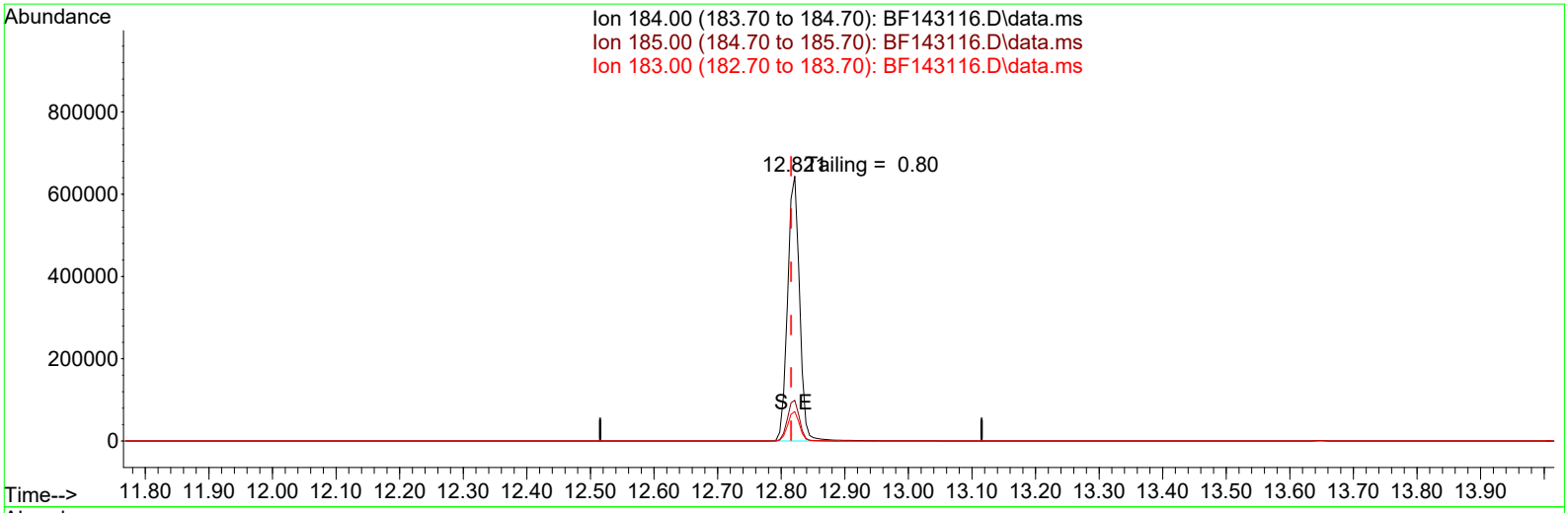
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.41
264.00	62.10	62.55
0.00	0.00	0.00

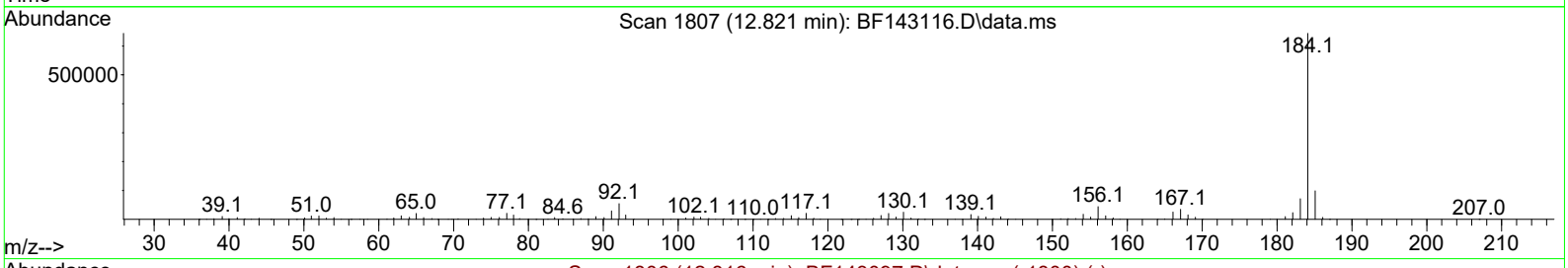
Sample Results: **BF143116.D**

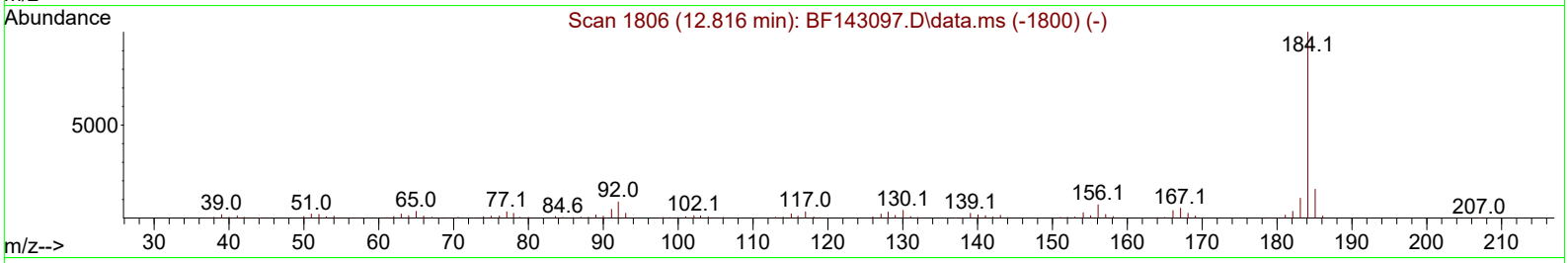
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143116.D
Acq On : 16 Jul 2025 19:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 03:11:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration







TIC: BF143116.D\data.ms

(77) Benzidine

12.821min (+ 0.006) 0.00 ng

response 848698

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.50	15.39
183.00	10.70	11.10
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/16/2025	BNA_F	BF143116.D
Compound Name	**Response**	**Retention Time**
DDT	269374	13.651
DDD	2925	13.38
DDE	0	
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2925	272299	1.07

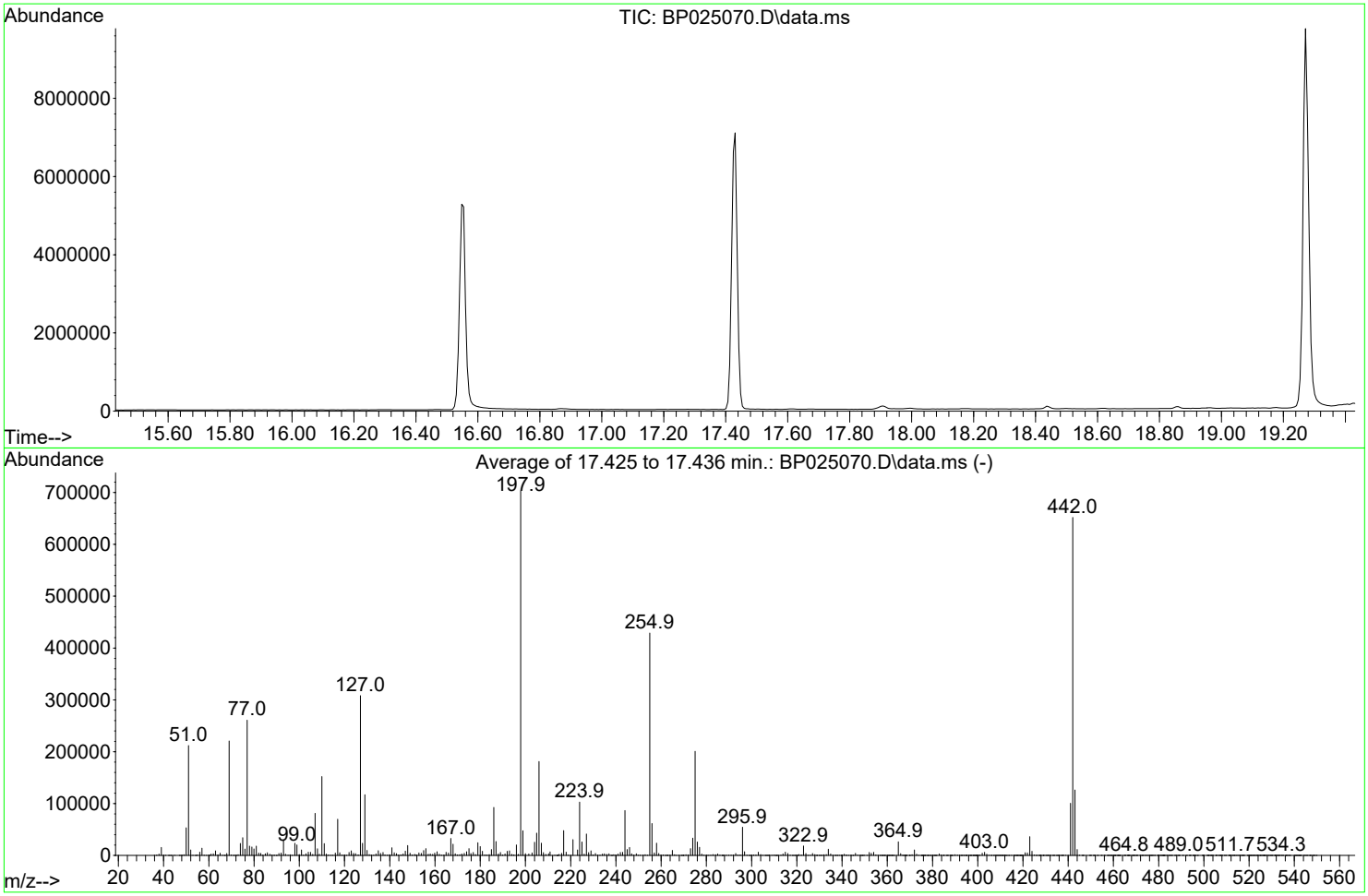
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2463, 2464, 2465; Background Corrected with Scan 2453

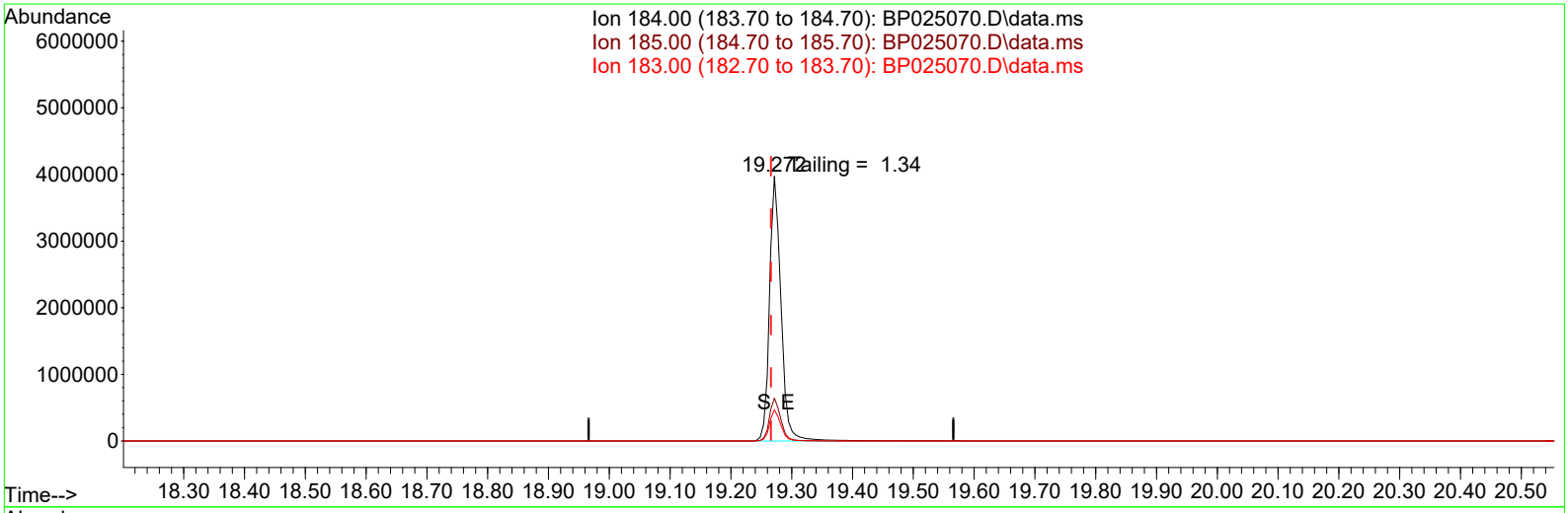
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3747	PASS
69	69	100	100	100.0	220616	PASS
70	69	0.00	2	0.4	974	PASS
197	198	0.00	2	0.3	1975	PASS
198	198	100	100	100.0	702809	PASS
199	198	5	9	6.8	47648	PASS
365	198	1	100	3.7	26203	PASS
441	443	0.01	150	79.7	100672	PASS
442	442	100	100	100.0	651937	PASS
443	442	15	24	19.4	126320	PASS

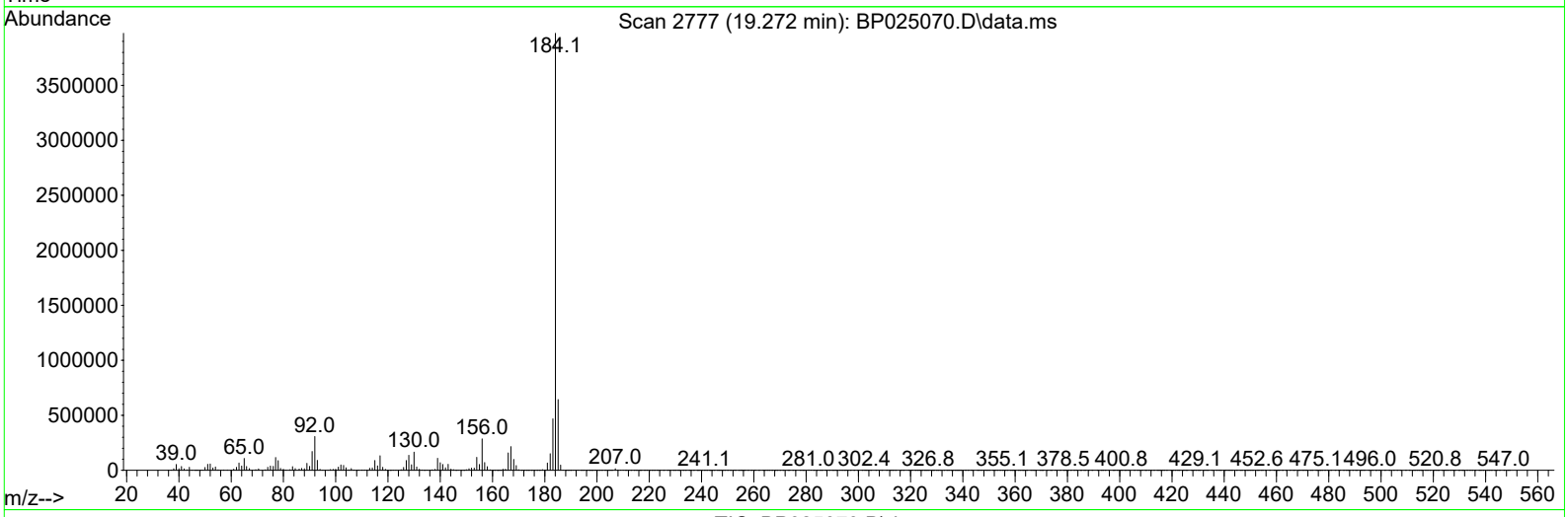
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 5891.13 ng

response 5273970

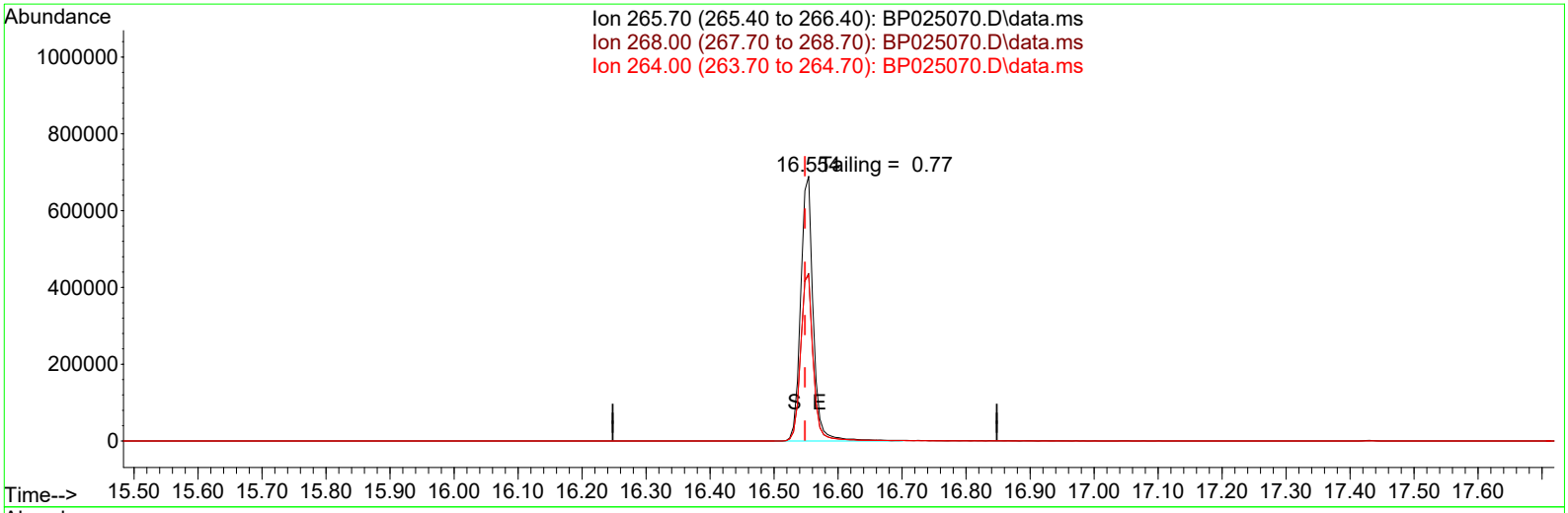
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.19
183.00	11.80	11.79
0.00	0.00	0.00

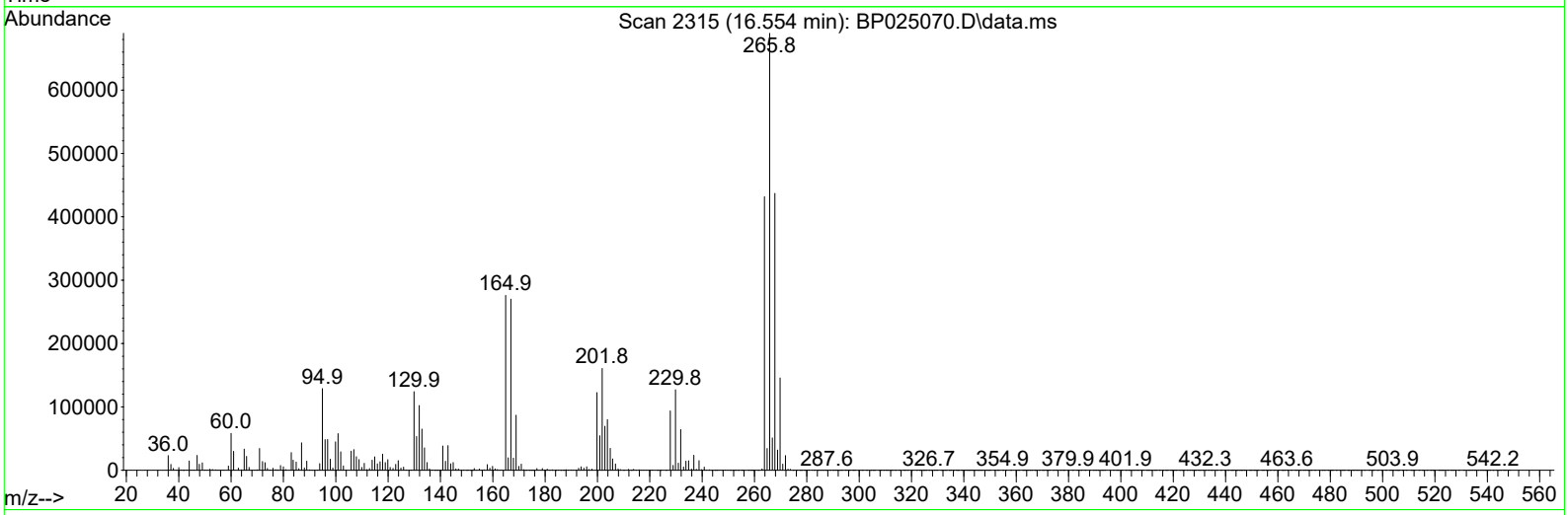
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(70) Pentachlorophenol (C)

16.554min (+ 0.006) 170301.74 ng

response 942789

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.35
264.00	62.70	62.60
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/3/2025	BNA_P	BP025070.D
Compound Name	**Response**	**Retention Time**
DDT	2078463	20.595
DDD	21773	20.183
DDE	1831	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23604	2102067	1.12

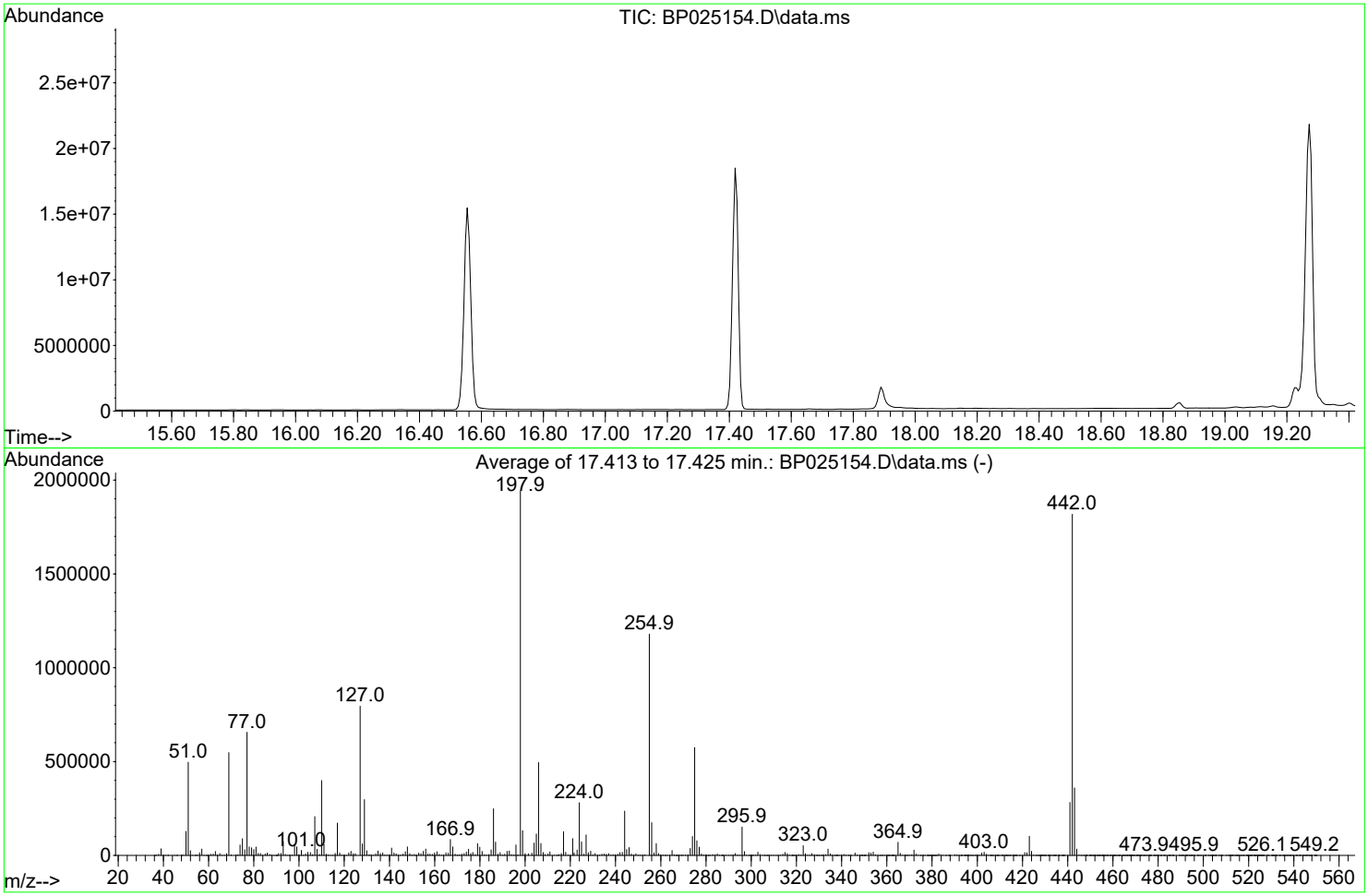
Sample Results: **BP025154.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2451

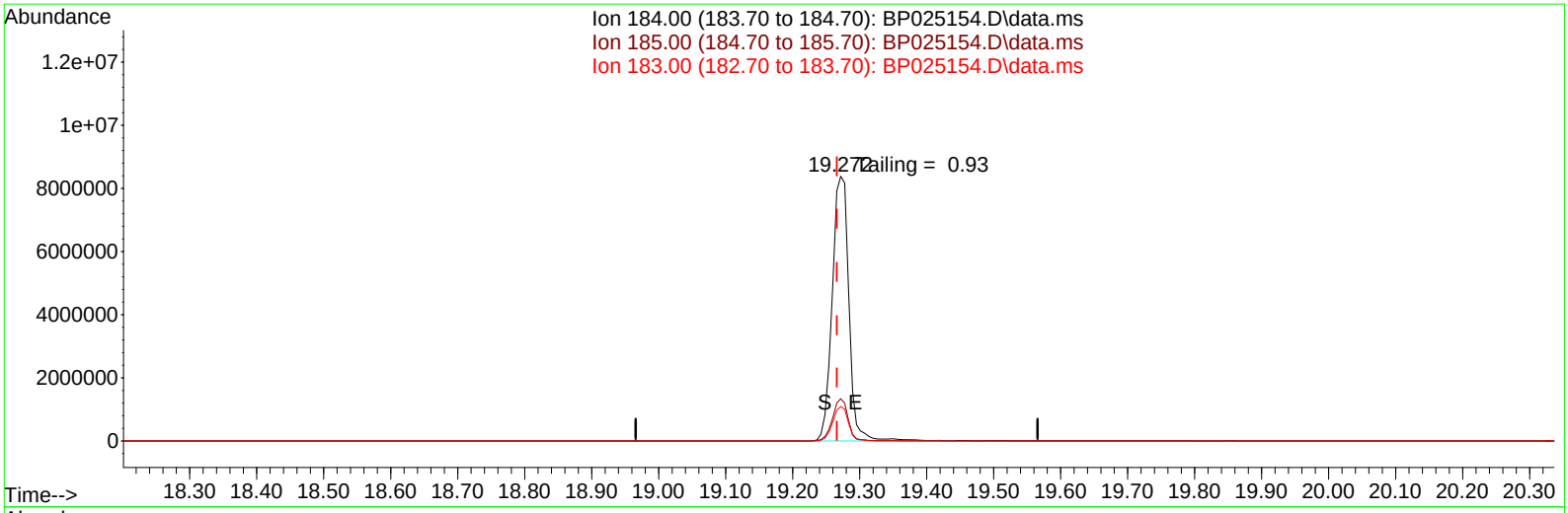
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	9499	PASS
69	69	100	100	100.0	547610	PASS
70	69	0.00	2	0.6	3175	PASS
197	198	0.00	2	0.2	3324	PASS
198	198	100	100	100.0	1941472	PASS
199	198	5	9	6.8	132421	PASS
365	198	1	100	3.6	69917	PASS
441	443	0.01	150	78.5	282261	PASS
442	442	100	100	100.0	1818101	PASS
443	442	15	24	19.8	359579	PASS

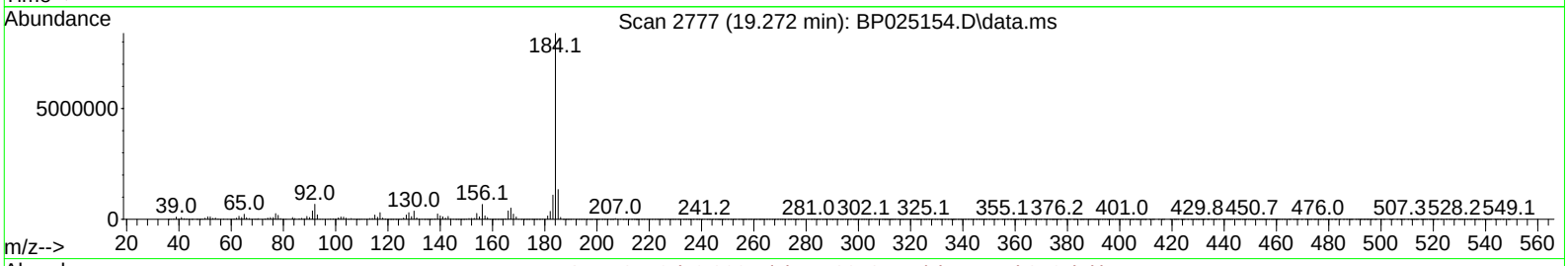
Sample Results: **BP025154.D**

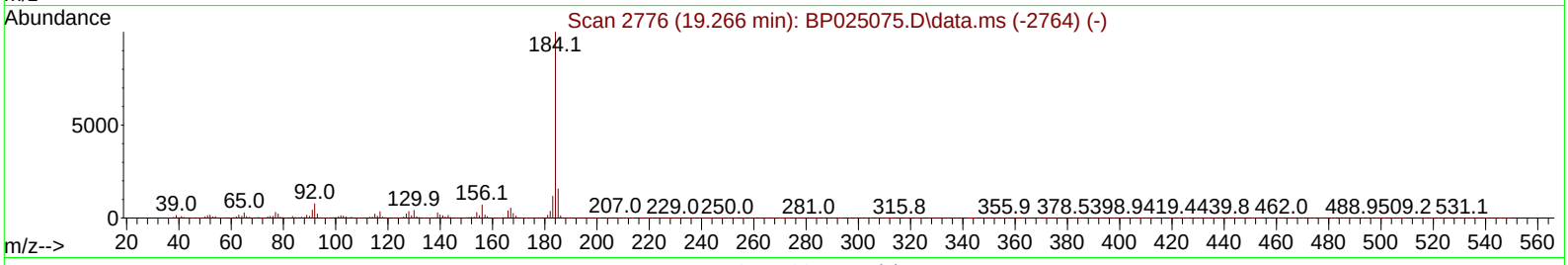
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 16 14:37:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025154.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 56461.29 ng

response 14377417

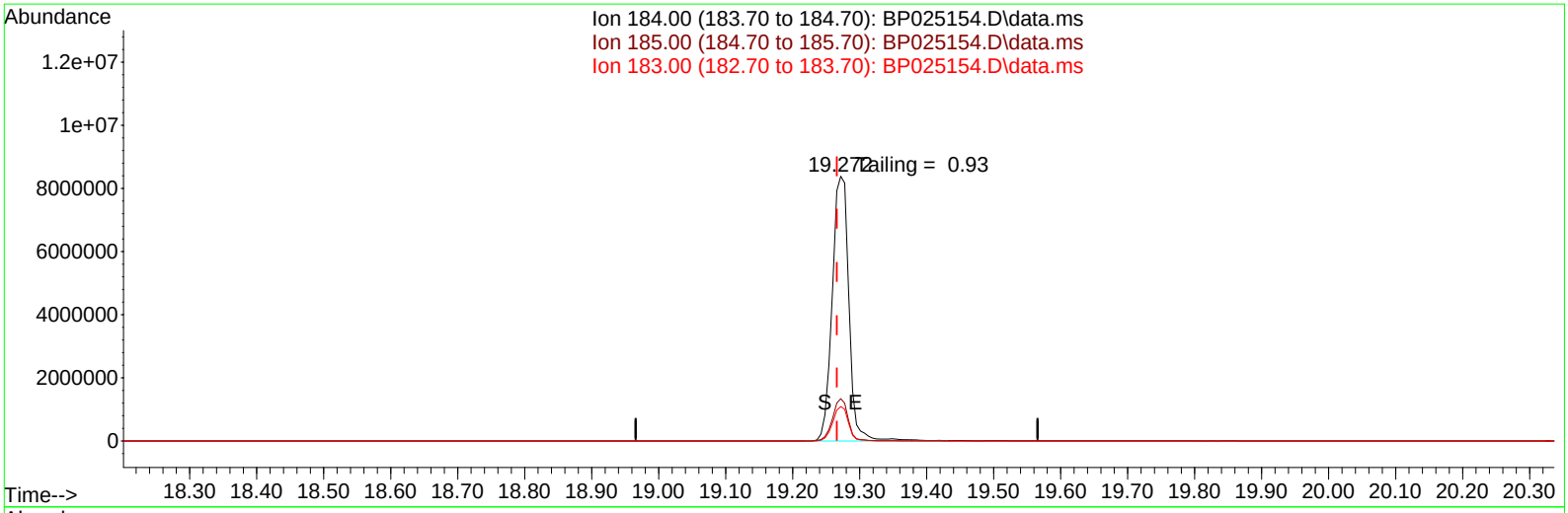
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.02
183.00	11.80	13.02
0.00	0.00	0.00

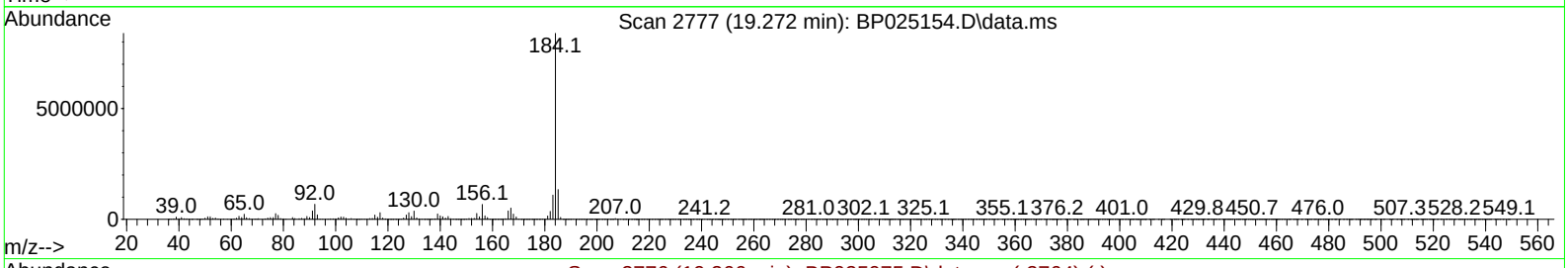
Sample Results: **BP025154.D**

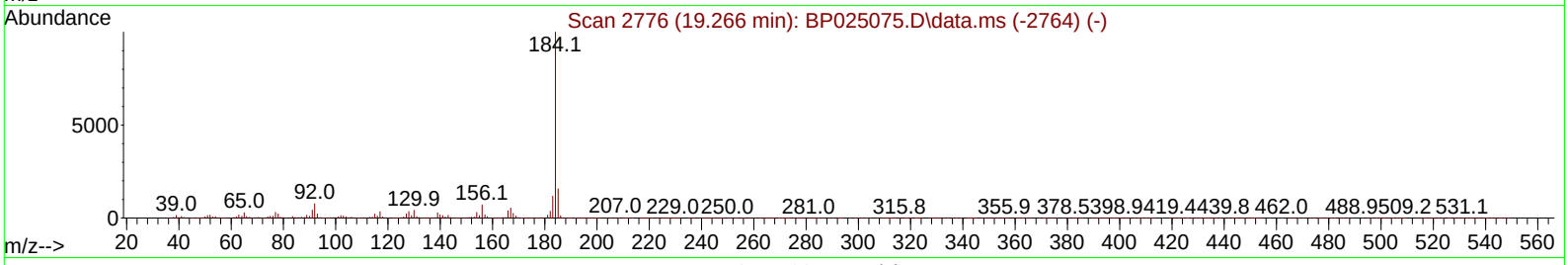
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 16 14:37:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025154.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 56461.29 ng

response 14377417

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.02
183.00	11.80	13.02
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/16/2025	BNA_P	BP025154.D
Compound Name	**Response**	**Retention Time**
DDT	7110729	20.578
DDD	166967	20.107
DDE	9571	19.583
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
176538	7287267	2.42

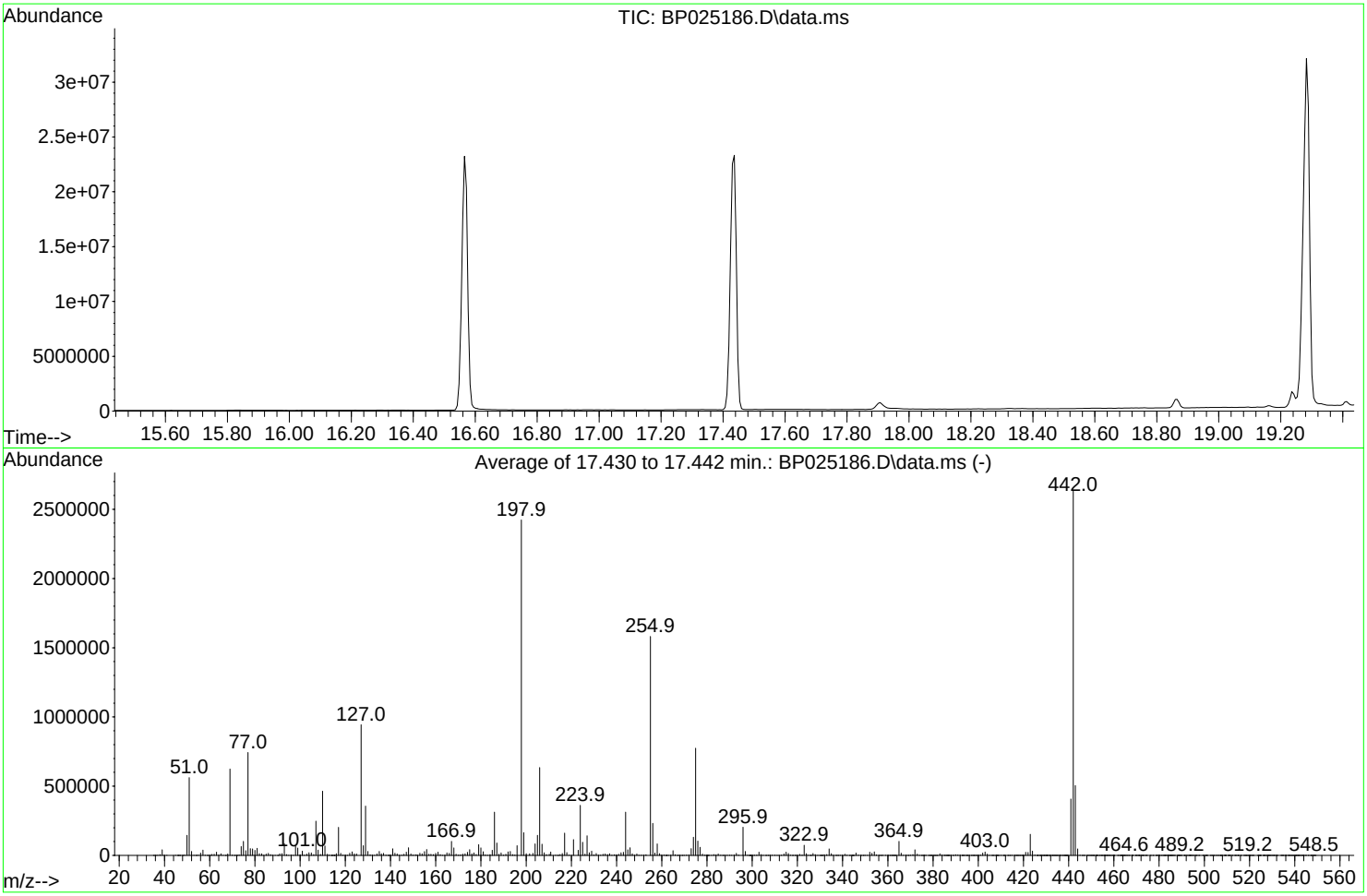
Sample Results: **BP025186.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025186.D
Acq On : 18 Jul 2025 09:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-Tune.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 29 08:52:24 2022



AutoFind: Scans 2464, 2465, 2466; Background Corrected with Scan 2456

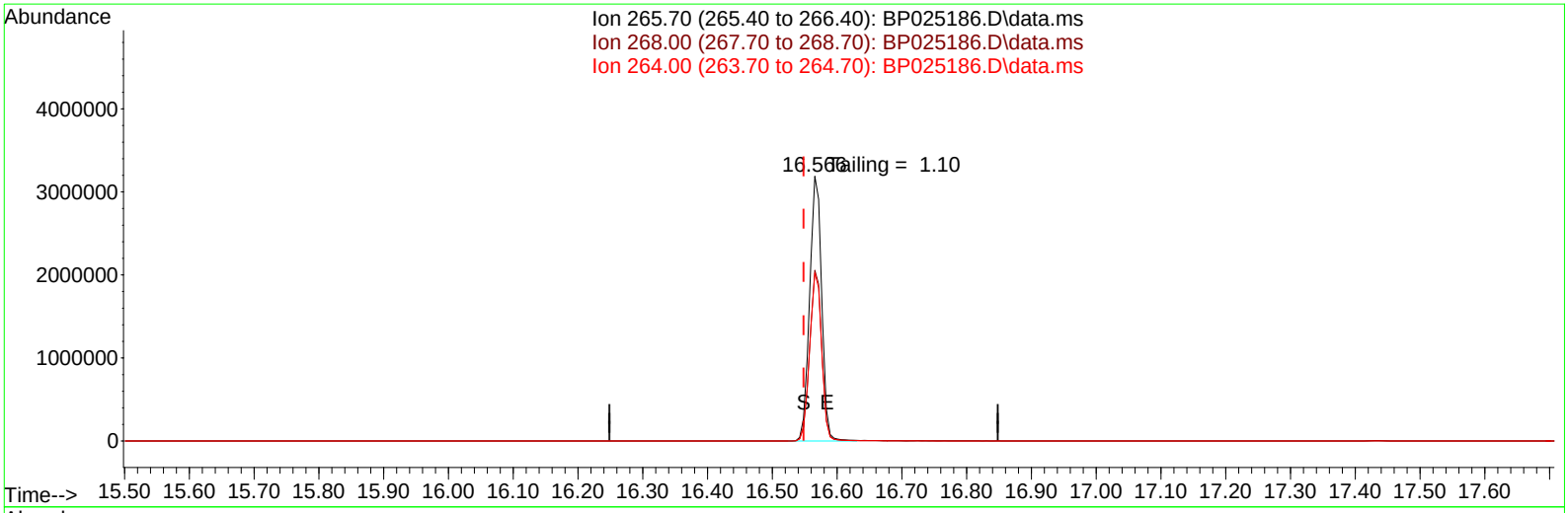
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	10952	PASS
69	69	100	100	100.0	624035	PASS
70	69	0.00	2	0.5	2838	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	2422784	PASS
199	198	5	9	6.8	164253	PASS
365	198	1	100	4.2	101199	PASS
441	443	0.01	150	80.7	406912	PASS
442	442	100	100	100.0	2631503	PASS
443	442	15	24	19.2	504102	PASS

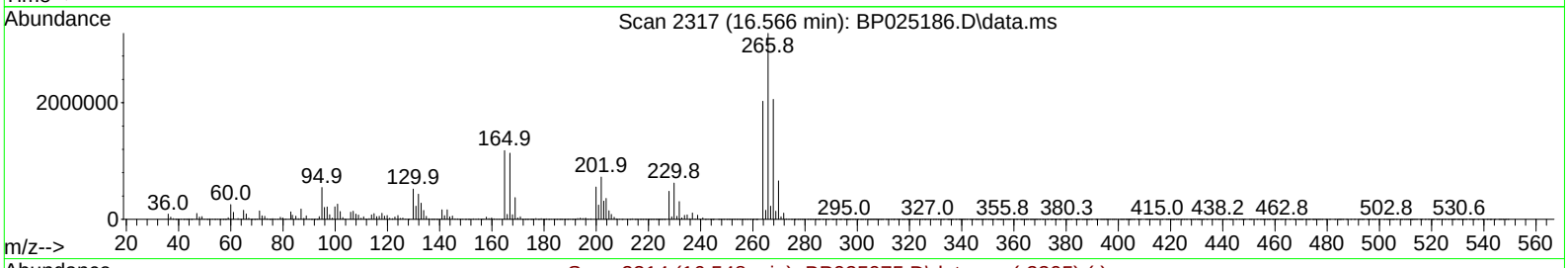
Sample Results: **BP025186.D**

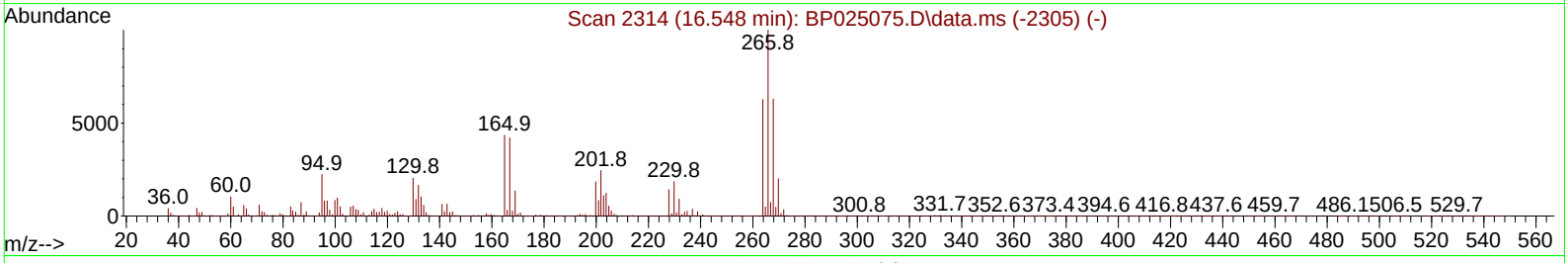
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025186.D
Acq On : 18 Jul 2025 09:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 18 11:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025186.D\data.ms

(70) Pentachlorophenol (C)

16.566min (+ 0.017) 169477.45 ng

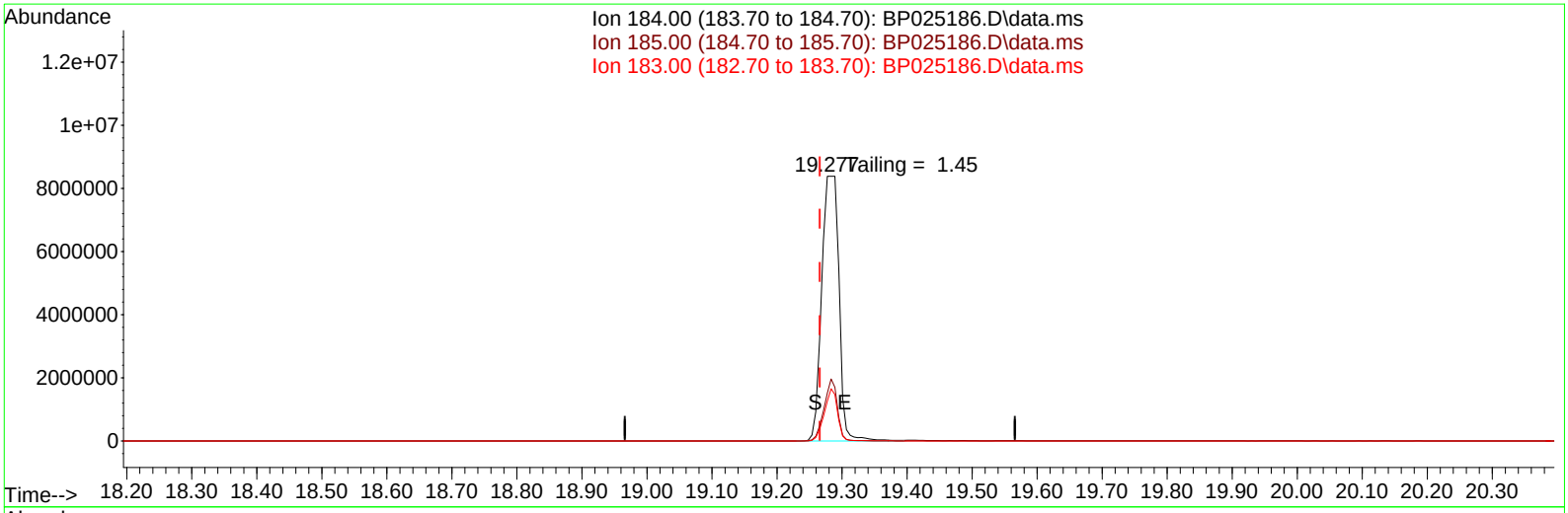
response 4133923

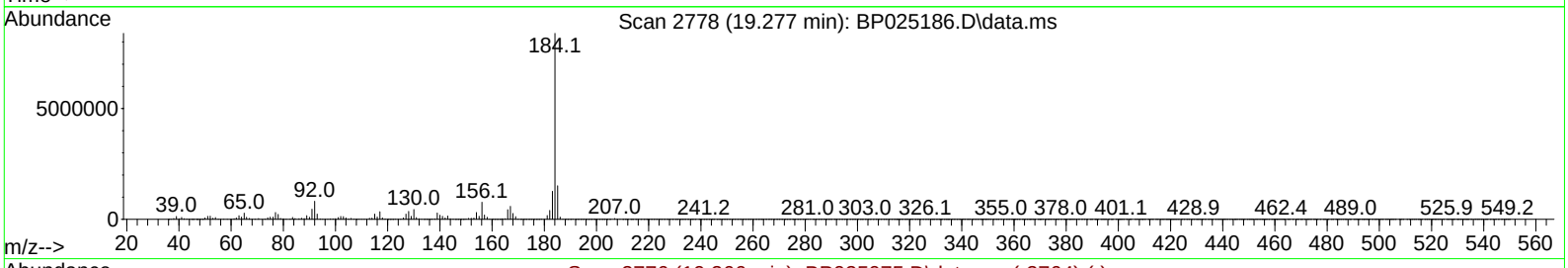
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.49
264.00	62.70	63.53
0.00	0.00	0.00

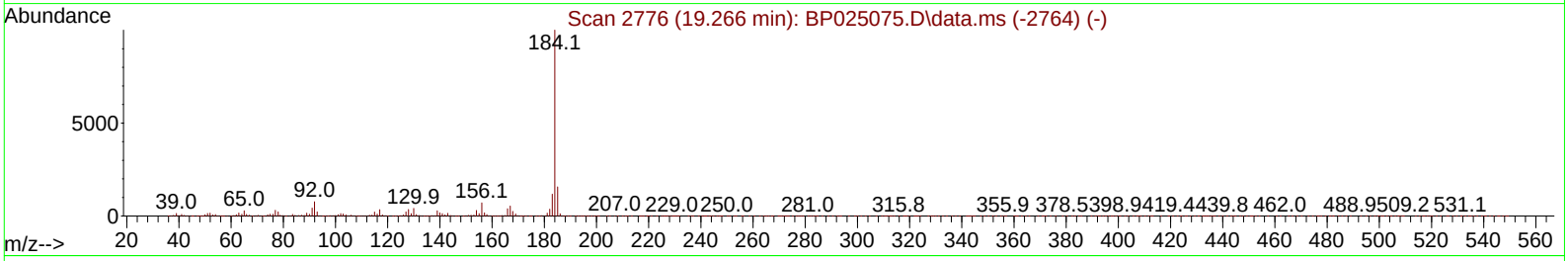
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025186.D
Acq On : 18 Jul 2025 09:41
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 18 11:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025186.D\data.ms

(77) Benzidine

19.277min (+ 0.011) 75417.62 ng

response 15500257

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	18.09
183.00	11.80	15.05#
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/18/2025	BNA_P	BP025186.D
Compound Name	**Response**	**Retention Time**
DDT	9164203	20.589
DDD	214461	20.13
DDE	11445	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
225906	9390109	2.41

Raw Data: **BF143118.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BL	SDG No.:	Q2592
Lab Sample ID:	PB168854BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143118.D	1	07/15/25 09:05	07/16/25 20:09	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	330	U	160	330	ug/Kg
108-95-2	Phenol	170	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	170	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	170	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	37.5	170	ug/Kg
98-86-2	Acetophenone	170	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	170	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	170	U	18.3	170	ug/Kg
78-59-1	Isophorone	170	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	170	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	28.3	170	ug/Kg
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	170	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	25.3	170	ug/Kg
105-60-2	Caprolactam	330	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	170	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	170	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	170	U	27.1	170	ug/Kg

Raw Data: **BF143118.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BL	SDG No.:	Q2592
Lab Sample ID:	PB168854BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143118.D	1	07/15/25 09:05	07/16/25 20:09	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	170	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	110	330	ug/Kg
132-64-9	Dibenzofuran	170	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	170	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	26.7	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	170	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	170	U	25.3	170	ug/Kg
1912-24-9	Atrazine	170	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	330	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
86-74-8	Carbazole	170	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	19.0	170	ug/Kg

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BL	SDG No.:	Q2592
Lab Sample ID:	PB168854BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143118.D	1	07/15/25 09:05	07/16/25 20:09	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	170	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	110		18 - 112	73%	SPK: 150
13127-88-3	Phenol-d6	110		15 - 107	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.8		20 - 109	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		10 - 116	87%	SPK: 150
1718-51-0	Terphenyl-d14	77.2		10 - 105	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	139000	6.963			
1146-65-2	Naphthalene-d8	529000	8.245			
15067-26-2	Acenaphthene-d10	273000	9.998			
1517-22-2	Phenanthrene-d10	467000	11.486			
1719-03-5	Chrysene-d12	263000	14.127			
1520-96-3	Perylene-d12	225000	15.633			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	A		5.22	ug/Kg
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	180	J		17.5	ug/Kg

Raw Data: **BF143118.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	
Project:	Con Edison - East River Site 2			Date Received:	
Client Sample ID:	PB168854BL			SDG No.:	Q2592
Lab Sample ID:	PB168854BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BF143118.D	1	07/15/25 09:05	07/16/25 20:09	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Quant Time: Jul 17 03:44:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

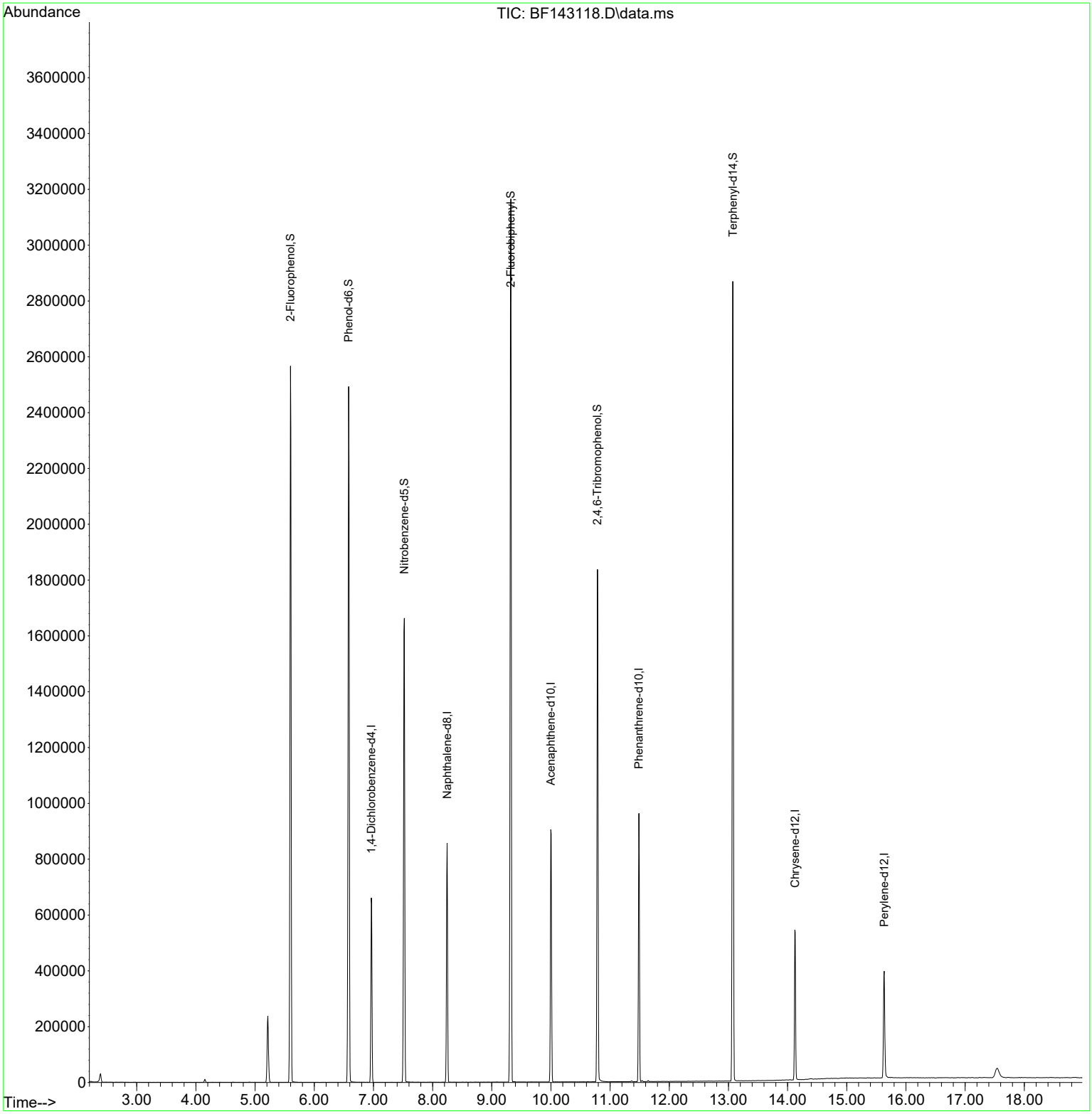
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138731	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	528830	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	273109	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	466923	20.000	ng	0.00
76) Chrysene-d12	14.127	240	262735	20.000	ng	0.00
86) Perylene-d12	15.633	264	225267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	961902	109.546	ng	0.01
7) Phenol-d6	6.581	99	1210302	109.654	ng	0.00
23) Nitrobenzene-d5	7.522	82	772988	81.998	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	319517	131.209	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1454255	70.782	ng	0.00
79) Terphenyl-d14	13.074	244	1387334	77.189	ng	0.00
Target Compounds						Qvalue

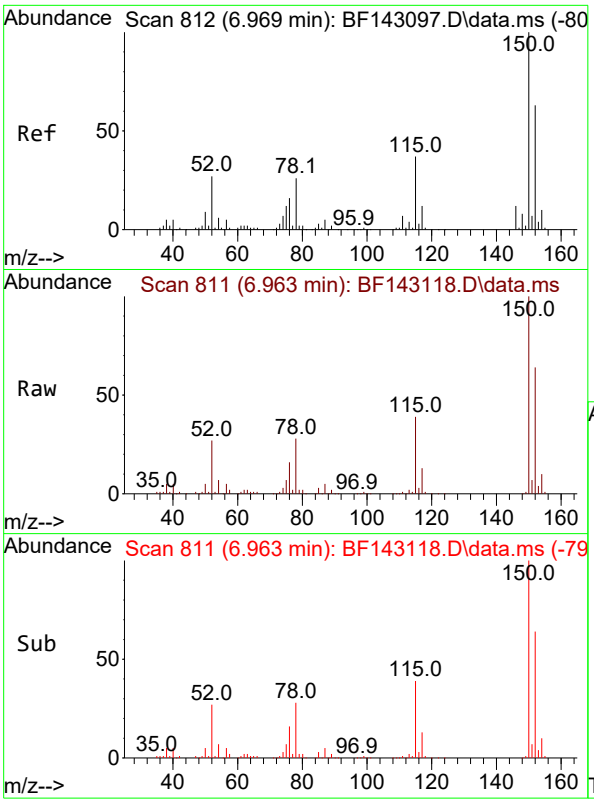
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Quant Time: Jul 17 03:44:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration



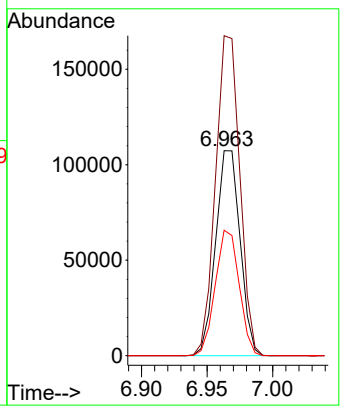


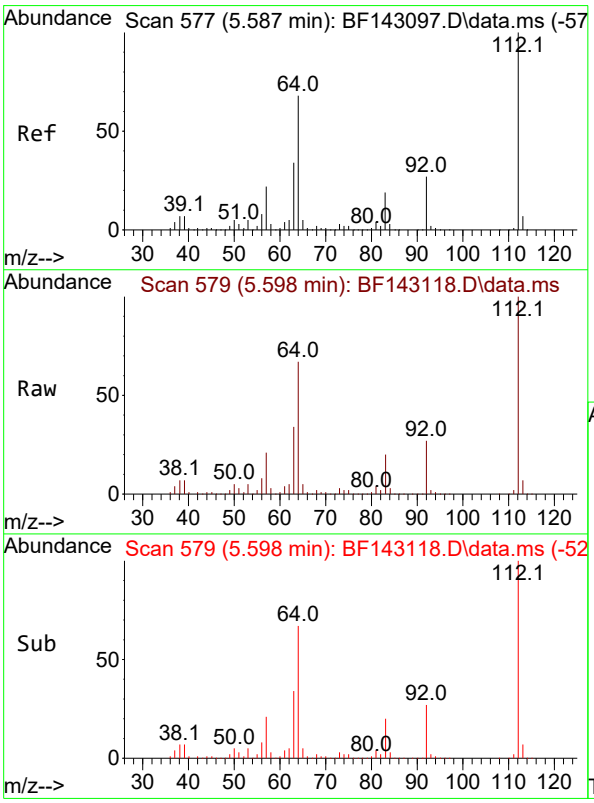
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion:152 Resp: 138731

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.5	189.7
115	61.2	47.0	70.6

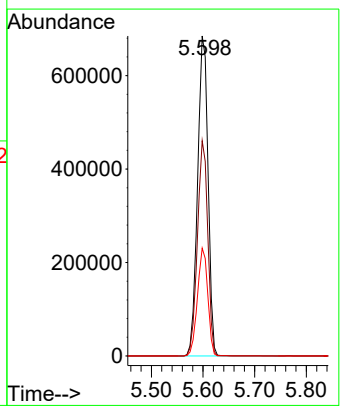


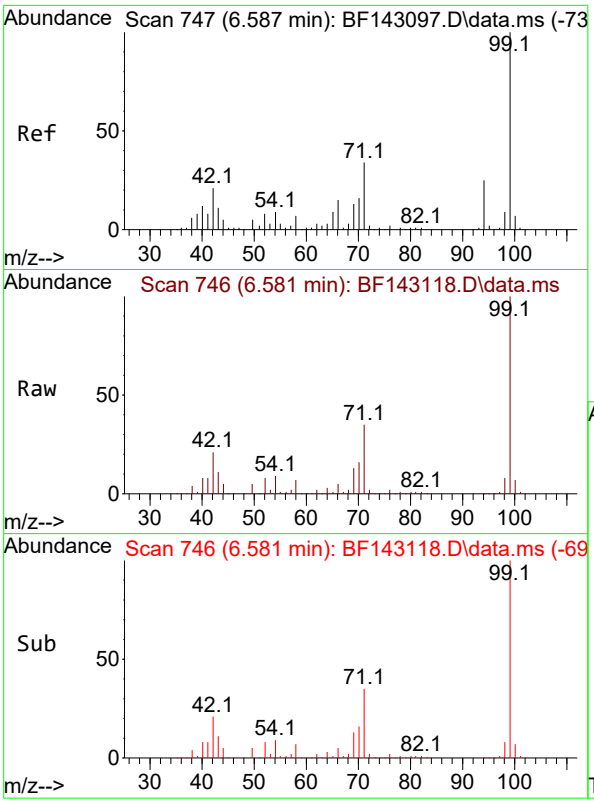


#5
2-Fluorophenol
Concen: 109.546 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:112 Resp: 961902

Ion	Ratio	Lower	Upper
112	100		
64	67.2	54.6	82.0
63	33.7	27.3	40.9



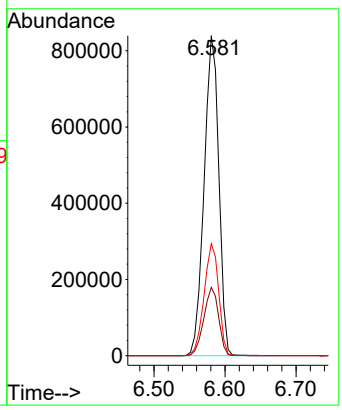


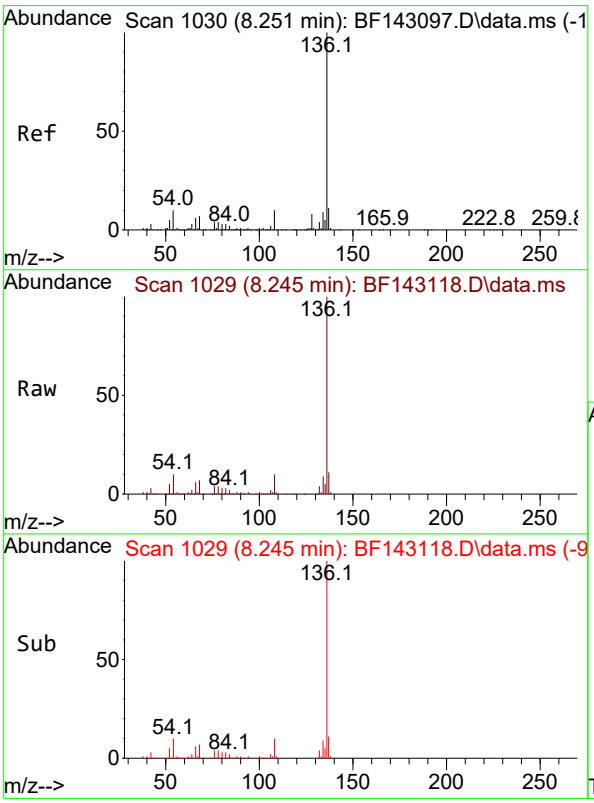
#7
Phenol-d6
Concen: 109.654 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion: 99 Resp: 1210302

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	35.0	27.4	41.0

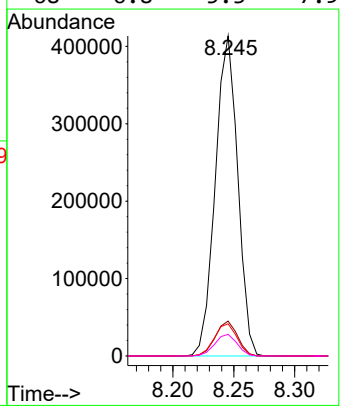


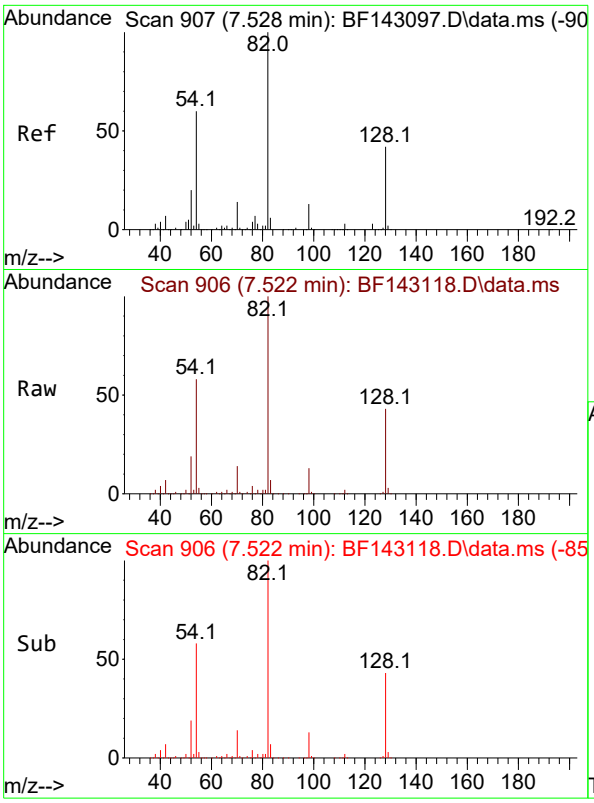


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:136 Resp: 528830

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.1	8.3	12.5
68	6.8	5.3	7.9



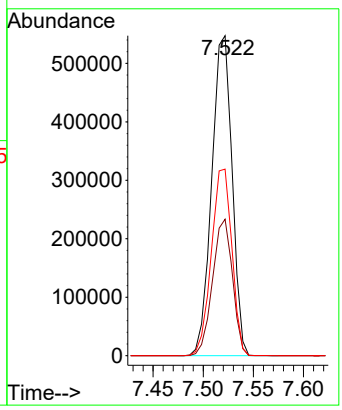


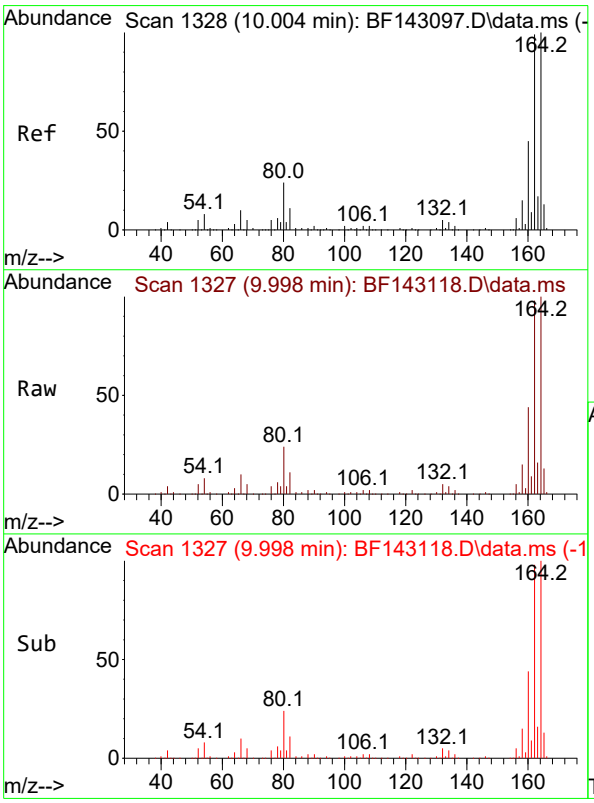
#23
Nitrobenzene-d5
Concen: 81.998 ng
RT: 7.522 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion: 82 Resp: 772988

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	58.3	47.4	71.2

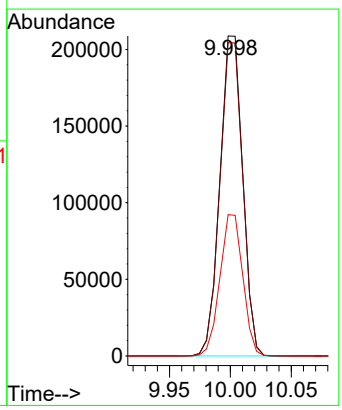


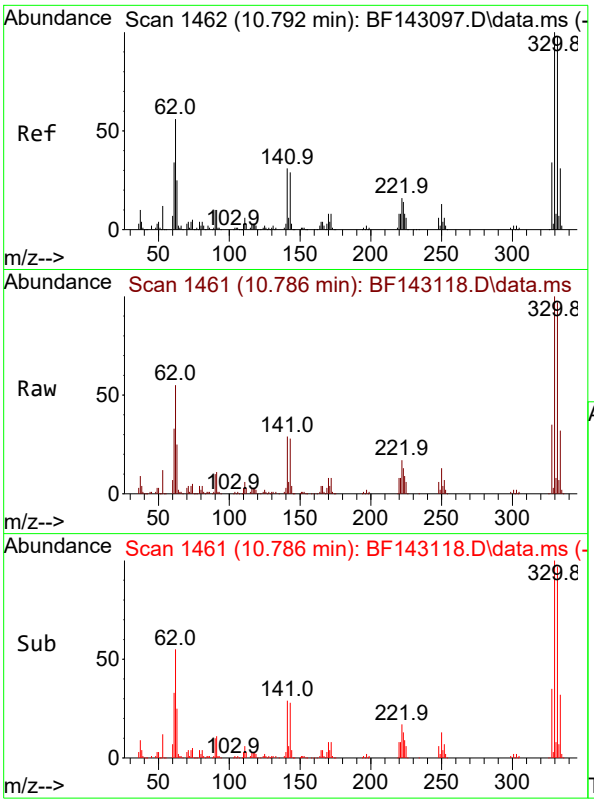


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:164 Resp: 273109

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.0	118.6
160	44.2	35.8	53.6



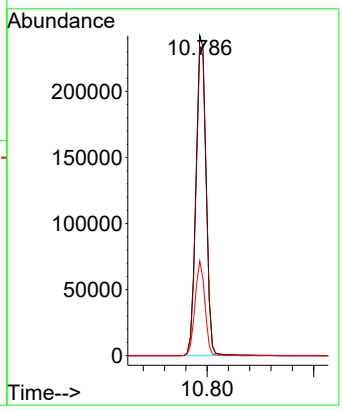


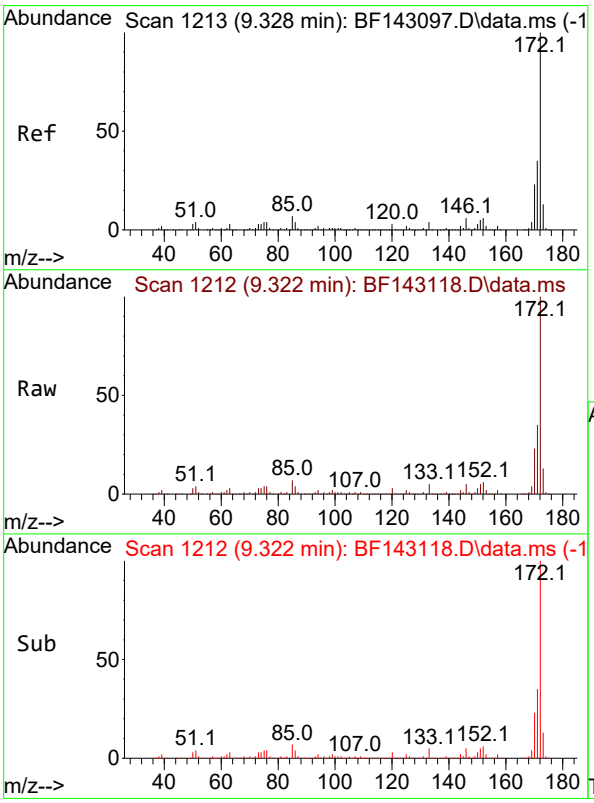
#42
2,4,6-Tribromophenol
Concen: 131.209 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion:330 Resp: 319517

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.9	116.9
141	28.9	25.9	38.9

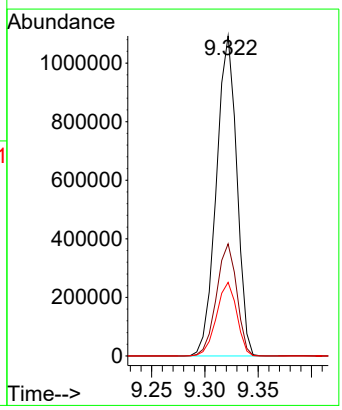


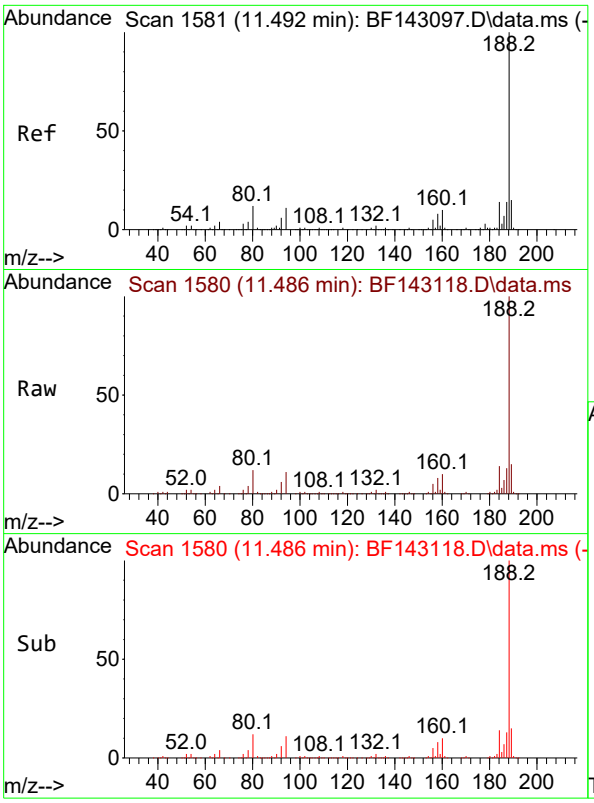


#45
2-Fluorobiphenyl
Concen: 70.782 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:172 Resp: 1454255

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.0	18.6	28.0



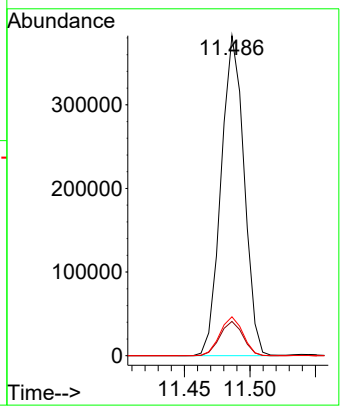


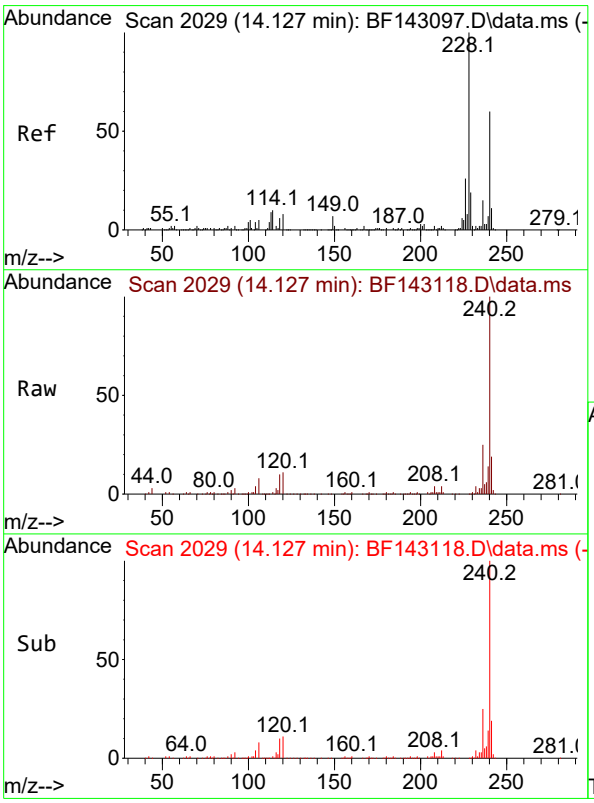
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion:188 Resp: 466923

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	12.2	9.3	13.9

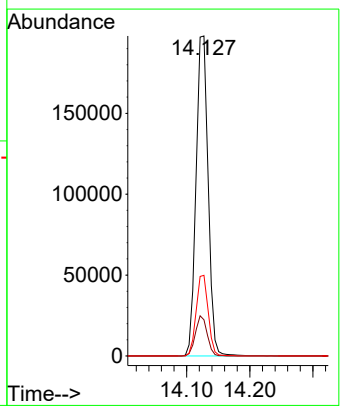


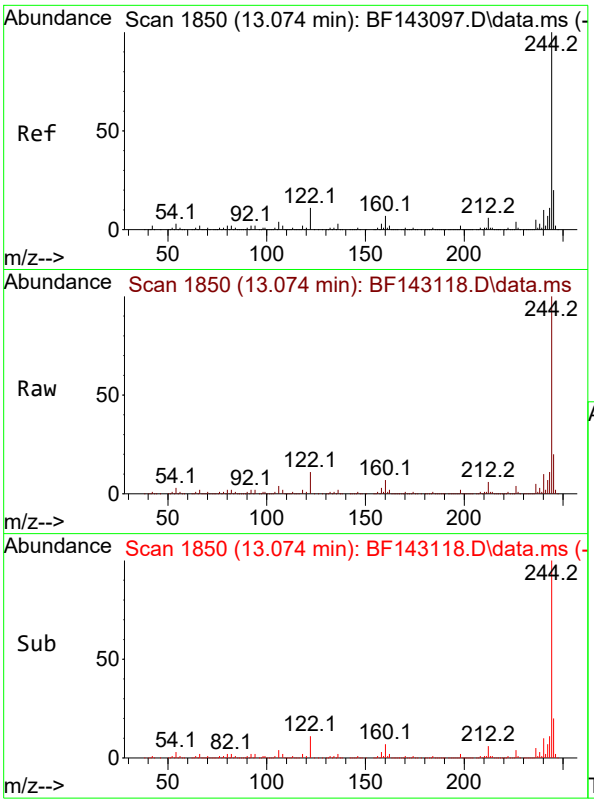


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:240 Resp: 262735

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	25.2	20.0	30.0



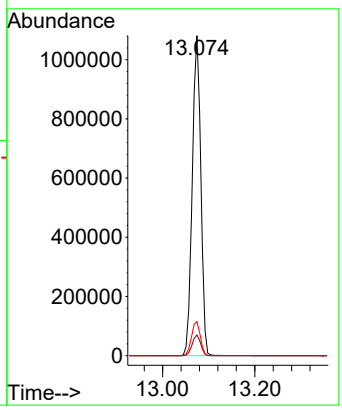


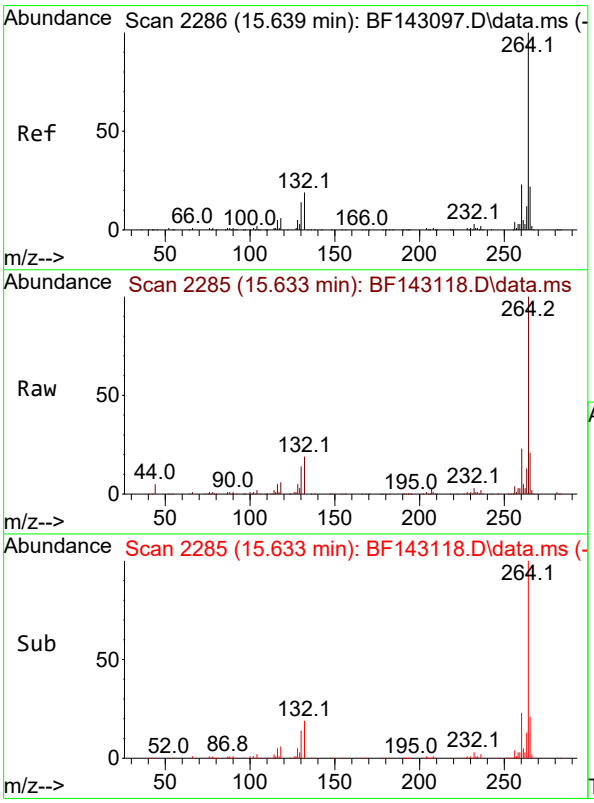
#79
Terphenyl-d14
Concen: 77.189 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Tgt Ion:244 Resp: 1387334

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.7	8.8	13.2

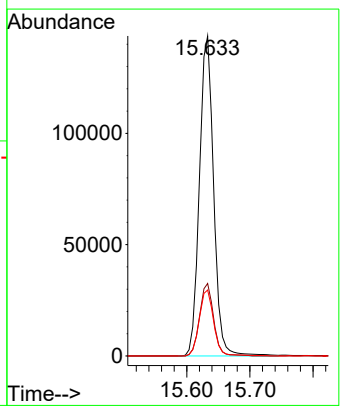




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143118.D
Acq: 16 Jul 2025 20:09

Tgt Ion:264 Resp: 225267

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.6	17.5	26.3



Sample Results: **BF143118.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	23	33	40	rVB	29515	54351	1.29%	0.209%
2	5.216	507	514	524	rBV	236824	371332	8.81%	1.429%
3	5.598	572	579	585	rBV	2565912	3568173	84.61%	13.734%
4	6.581	739	746	751	rBV	2493071	3601109	85.39%	13.861%
5	6.963	806	811	817	rVB	660830	839838	19.91%	3.233%
6	7.522	899	906	911	rBV	1662751	2354628	55.83%	9.063%
7	8.245	1023	1029	1034	rBV	856616	1095678	25.98%	4.217%
8	9.322	1205	1212	1217	rBV	3164376	4217254	100.00%	16.233%
9	9.998	1322	1327	1333	rBV	904180	1174324	27.85%	4.520%
10	10.786	1455	1461	1480	rBV	1835835	2385067	56.55%	9.181%
11	11.486	1575	1580	1585	rBV	960962	1171864	27.79%	4.511%
12	13.074	1844	1850	1855	rBV	2864902	3682936	87.33%	14.176%
13	14.121	2023	2028	2041	rBV	538076	708316	16.80%	2.726%
14	15.633	2279	2285	2297	rBV	381747	591901	14.04%	2.278%
15	17.539	2599	2609	2636	rVB3	33806	162866	3.86%	0.627%

Sum of corrected areas: 25979637

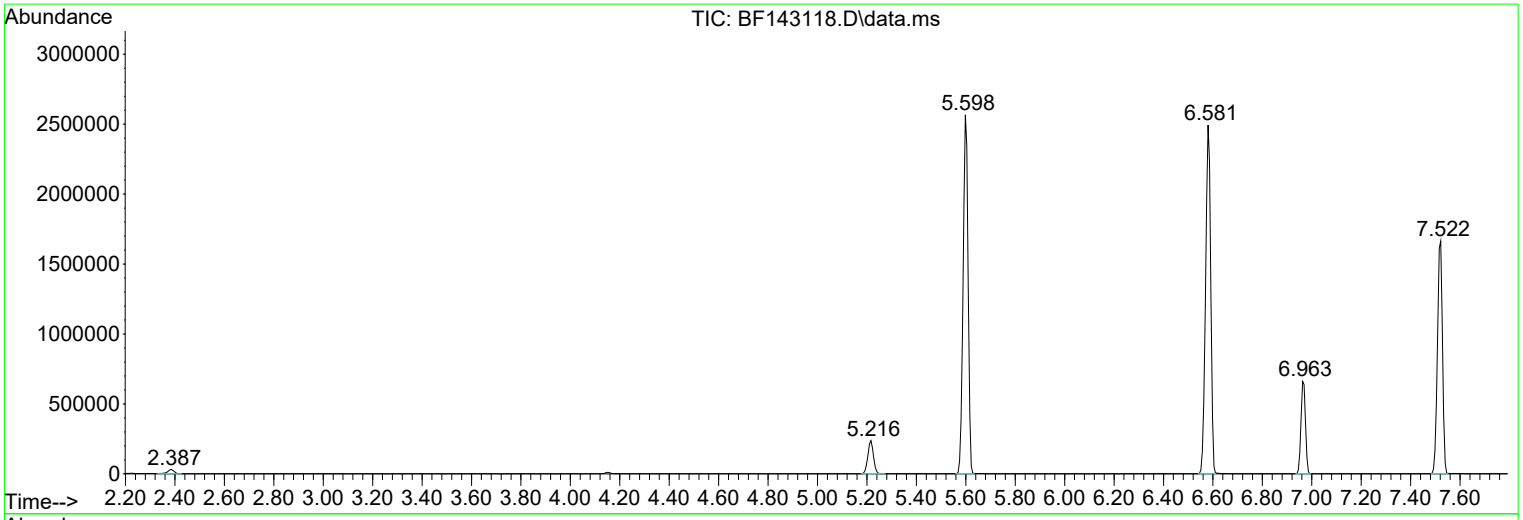
Sample Results: **BF143118.D**

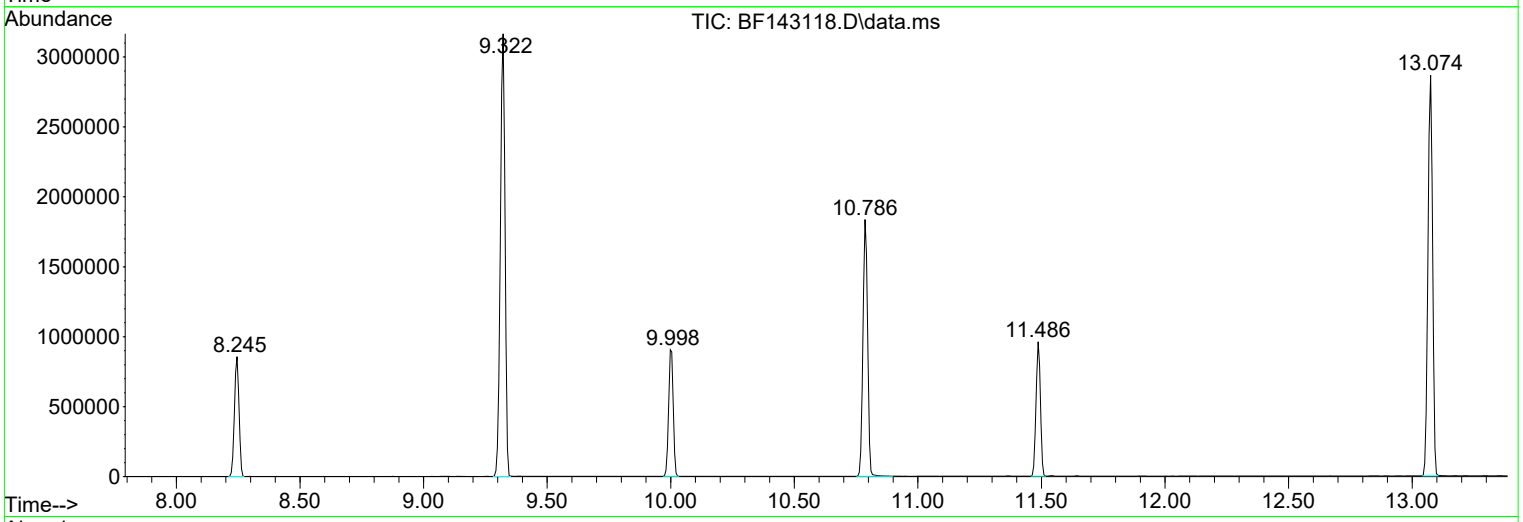
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

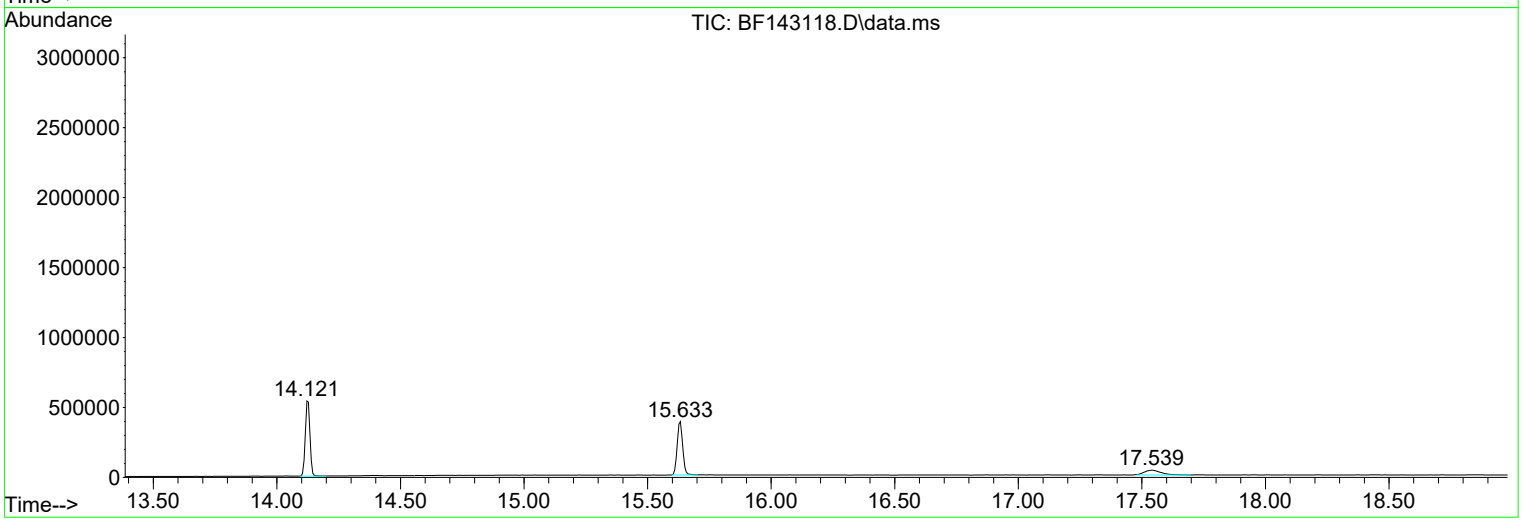
Instrument :
BNA_F
ClientSampleId :
PB168854BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

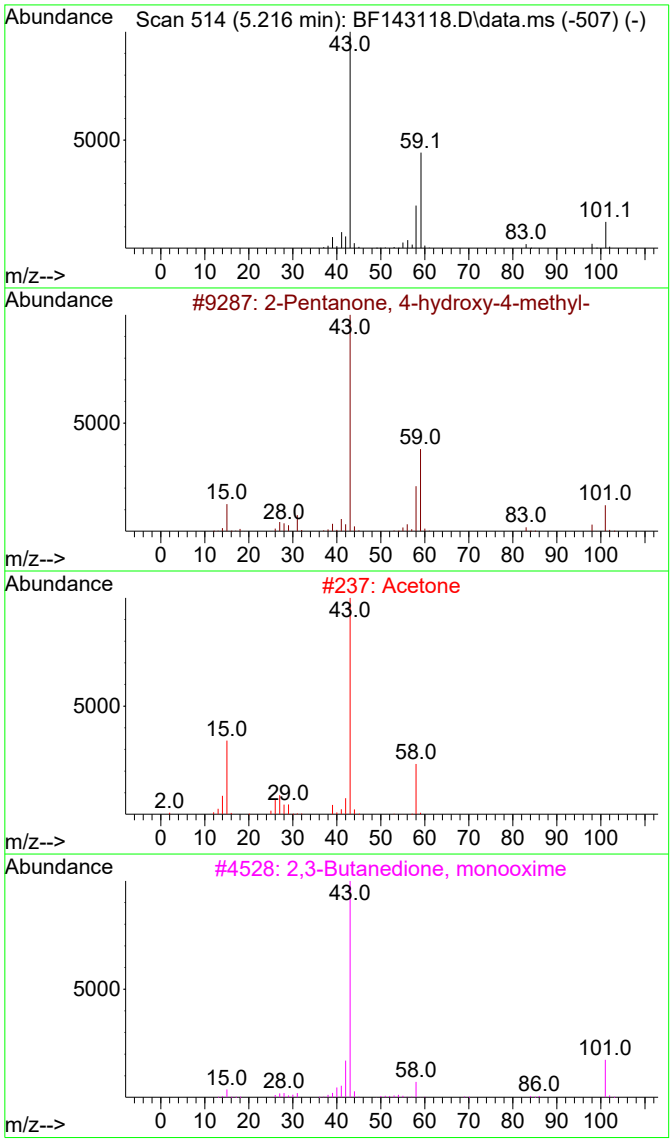
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

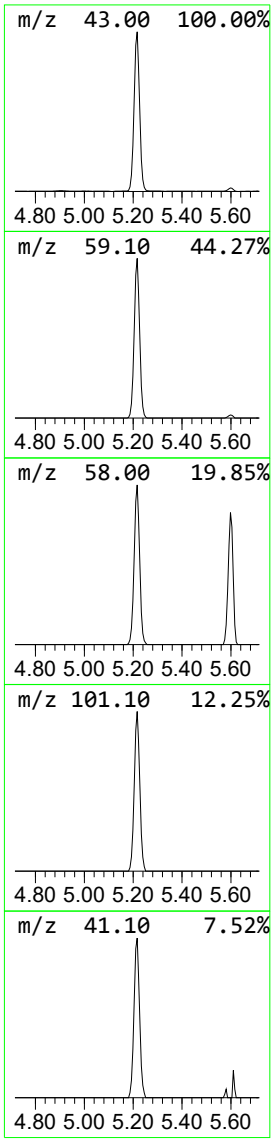
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	8.84 ng	371332	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetone	58	C3H6O	000067-64-1	16
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

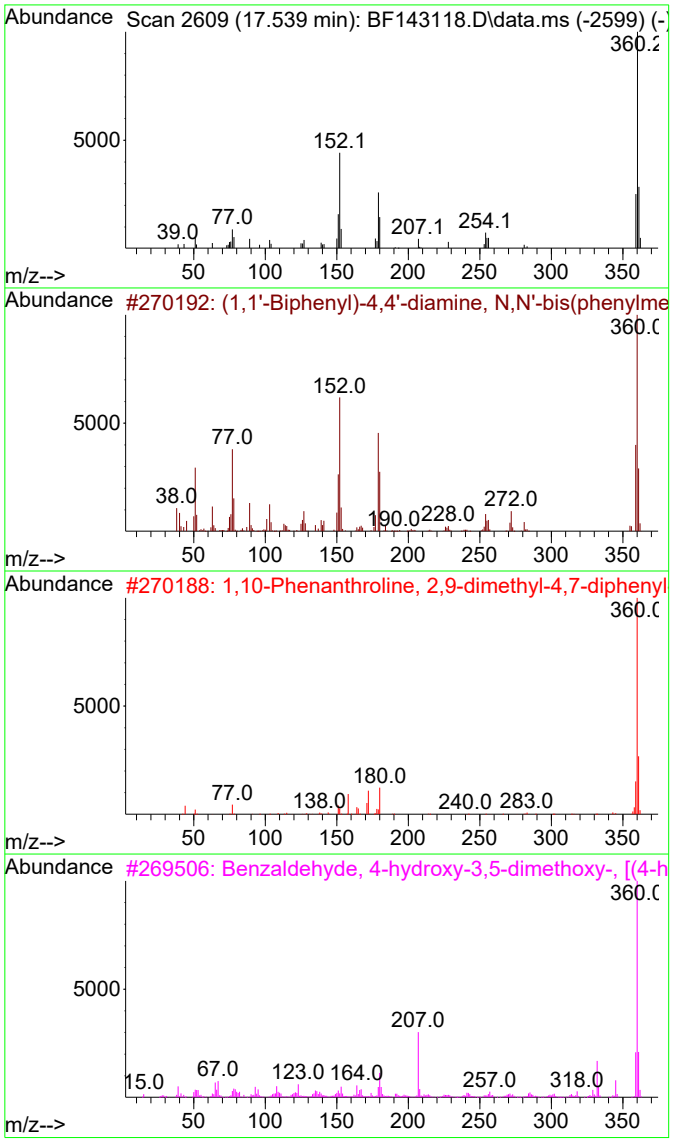
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

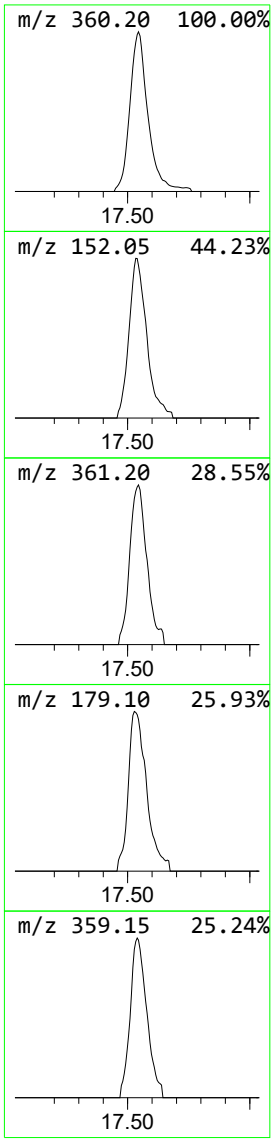
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.539	5.50 ng	162866	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	90
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143118.D
Acq On : 16 Jul 2025 20:09
Operator : RC/JU
Sample : PB168854BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.216	8.8	ng	371332	1	6.963	839838	20.0
(1,1'-Biphenyl)...	17.539	5.5	ng	162866	6	15.633	591901	20.0

Raw Data: **BF143119.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BS	SDG No.:	Q2592
Lab Sample ID:	PB168854BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143119.D	1	07/15/25 09:05	07/16/25 20:39	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1200		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1600		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	620		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1700		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BF143119.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BS	SDG No.:	Q2592
Lab Sample ID:	PB168854BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143119.D	1	07/15/25 09:05	07/16/25 20:39	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1100		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1800		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3300	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	780		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Raw Data: **BF143119.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	PB168854BS	SDG No.:	Q2592
Lab Sample ID:	PB168854BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF143119.D	1	07/15/25 09:05	07/16/25 20:39	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1200		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		18 - 112	75%	SPK: 150
13127-88-3	Phenol-d6	114		15 - 107	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.0		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.4		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		10 - 116	94%	SPK: 150
1718-51-0	Terphenyl-d14	79.7		10 - 105	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	140000	6.969			
1146-65-2	Naphthalene-d8	539000	8.251			
15067-26-2	Acenaphthene-d10	273000	10.004			
1517-22-2	Phenanthrene-d10	456000	11.492			
1719-03-5	Chrysene-d12	241000	14.127			
1520-96-3	Perylene-d12	263000	15.633			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143119.D
Acq On : 16 Jul 2025 20:39
Operator : RC/JU
Sample : PB168854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Quant Time: Jul 17 03:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	139596	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	538805	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	272708	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	455589	20.000	ng	0.00
76) Chrysene-d12	14.127	240	240950	20.000	ng	0.00
86) Perylene-d12	15.633	264	262866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	989830	112.028	ng	0.02
7) Phenol-d6	6.586	99	1262403	113.666	ng	0.00
23) Nitrobenzene-d5	7.528	82	826120	86.012	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	341088	140.273	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1485452	72.406	ng	0.00
79) Terphenyl-d14	13.074	244	1313530	79.690	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	156082	35.487	ng	99
3) Pyridine	3.657	79	426573	38.301	ng	100
4) n-Nitrosodimethylamine	3.604	42	242710	42.061	ng	98
6) Aniline	6.628	93	524410	33.531	ng	99
8) 2-Chlorophenol	6.751	128	399769	45.033	ng	99
9) Benzaldehyde	6.516	77	293118	34.636	ng	98
10) Phenol	6.604	94	540727	44.973	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	397600	42.717	ng	99
12) 1,3-Dichlorobenzene	6.910	146	417974	41.677	ng	99
13) 1,4-Dichlorobenzene	6.986	146	427253	42.346	ng	100
14) 1,2-Dichlorobenzene	7.139	146	406381	42.236	ng	99
15) Benzyl Alcohol	7.098	79	372222	45.231	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	724325	42.216	ng	99
17) 2-Methylphenol	7.210	107	337095	44.003	ng	99
18) Hexachloroethane	7.486	117	145952	44.435	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	298994	43.942	ng	99
20) 3+4-Methylphenols	7.363	107	415512	44.228	ng	96
22) Acetophenone	7.369	105	550129	42.355	ng	94
24) Nitrobenzene	7.545	77	432713	46.668	ng	97
25) Isophorone	7.786	82	828422	44.624	ng	99
26) 2-Nitrophenol	7.863	139	182190	49.075	ng	97
27) 2,4-Dimethylphenol	7.892	122	382286	44.367	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	493796	43.864	ng	99
29) 2,4-Dichlorophenol	8.098	162	326258	46.284	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	346239	43.280	ng	99
31) Naphthalene	8.269	128	1150939	43.016	ng	100
32) Benzoic acid	8.004	122	202294	47.238	ng	98
33) 4-Chloroaniline	8.310	127	199781	18.568	ng	98
34) Hexachlorobutadiene	8.392	225	210203	43.936	ng	99
35) Caprolactam	8.675	113	111579m	50.690	ng	
36) 4-Chloro-3-methylphenol	8.786	107	361316	46.015	ng	98
37) 2-Methylnaphthalene	8.963	142	698633	43.769	ng	100
38) 1-Methylnaphthalene	9.063	142	718711	43.413	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	333993	42.026	ng	98
41) Hexachlorocyclopentadiene	9.122	237	411090	93.298	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	232335	47.049	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143119.D
Acq On : 16 Jul 2025 20:39
Operator : RC/JU
Sample : PB168854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Quant Time: Jul 17 03:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

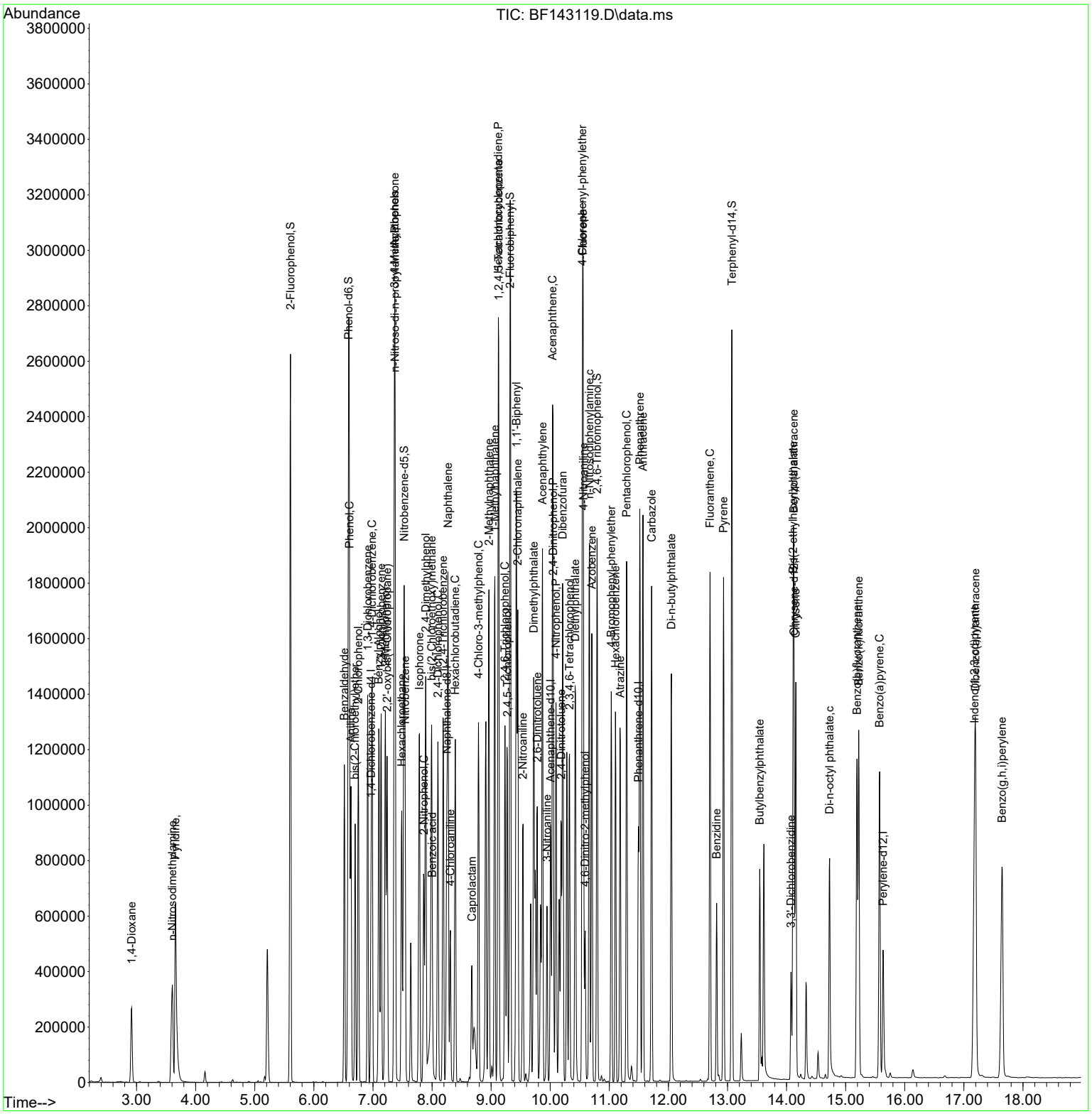
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	247228	47.747	ng		98
46) 1,1'-Biphenyl	9.427	154	936182	43.047	ng		100
47) 2-Chloronaphthalene	9.451	162	680991	42.624	ng		99
48) 2-Nitroaniline	9.539	65	225544	47.330	ng		96
49) Acenaphthylene	9.869	152	1177621	44.234	ng		100
50) Dimethylphthalate	9.722	163	795480	46.366	ng		100
51) 2,6-Dinitrotoluene	9.780	165	167878	49.431	ng		89
52) Acenaphthene	10.039	154	728594	46.377	ng		98
53) 3-Nitroaniline	9.945	138	122425	33.024	ng		98
54) 2,4-Dinitrophenol	10.051	184	138899	95.178	ng	#	1
55) Dibenzofuran	10.210	168	1021074	43.605	ng		99
56) 4-Nitrophenol	10.098	139	304758	103.438	ng		98
57) 2,4-Dinitrotoluene	10.186	165	220603	51.817	ng		96
58) Fluorene	10.557	166	761445	43.372	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	205668	49.983	ng		99
60) Diethylphthalate	10.422	149	783892	47.359	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	373382	44.374	ng		98
62) 4-Nitroaniline	10.563	138	172008	53.355	ng		99
63) Azobenzene	10.704	77	828090	45.237	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	89451	51.397	ng		94
66) n-Nitrosodiphenylamine	10.663	169	701985	43.865	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	231595	44.700	ng		99
68) Hexachlorobenzene	11.104	284	246543	44.848	ng		98
69) Atrazine	11.186	200	204382	49.918	ng		98
70) Pentachlorophenol	11.292	266	297551	98.656	ng		99
71) Phenanthrene	11.516	178	1066550	43.378	ng		99
72) Anthracene	11.569	178	1092533	44.187	ng		100
73) Carbazole	11.716	167	993920	44.870	ng		100
74) Di-n-butylphthalate	12.051	149	1060422	52.154	ng		100
75) Fluoranthene	12.704	202	1035606	46.322	ng		99
77) Benzidine	12.816	184	325967	39.709	ng		99
78) Pyrene	12.933	202	1029906	46.068	ng		99
80) Butylbenzylphthalate	13.545	149	231230	51.234	ng		96
81) Benzo(a)anthracene	14.121	228	751216	46.787	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	109202	23.421	ng		99
83) Chrysene	14.157	228	669052	45.243	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	316448	46.806	ng		100
85) Di-n-octyl phthalate	14.727	149	586744	46.090	ng		98
87) Indeno(1,2,3-cd)pyrene	17.180	276	906388	46.360	ng		98
88) Benzo(b)fluoranthene	15.192	252	700298	46.186	ng		99
89) Benzo(k)fluoranthene	15.221	252	724358	50.075	ng		100
90) Benzo(a)pyrene	15.574	252	706283	49.251	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	736917	46.108	ng		99
92) Benzo(g,h,i)perylene	17.645	276	748506	45.936	ng		99

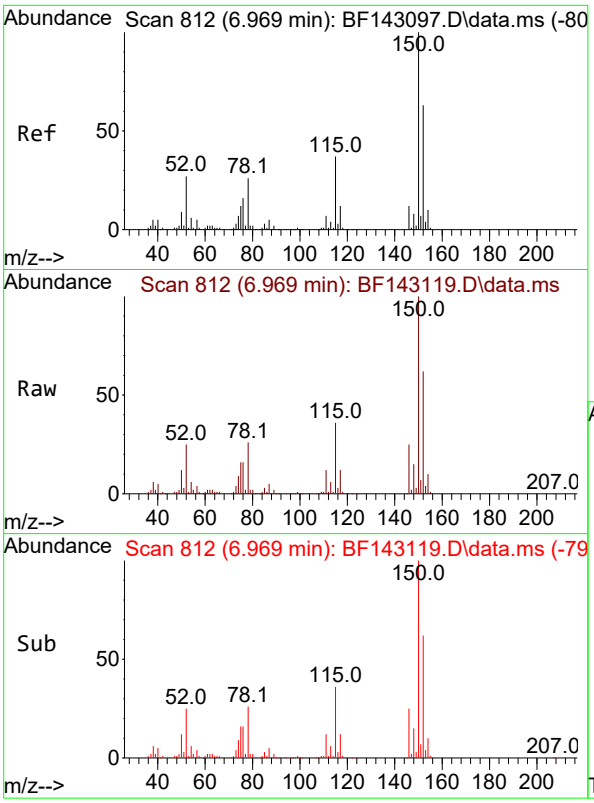
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143119.D
Acq On : 16 Jul 2025 20:39
Operator : RC/JU
Sample : PB168854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Quant Time: Jul 17 03:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration



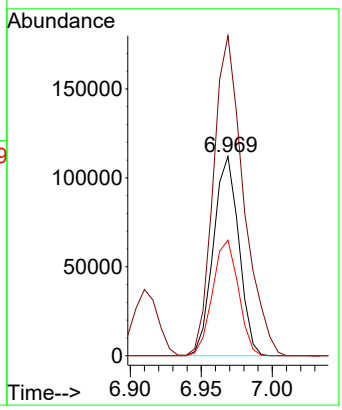


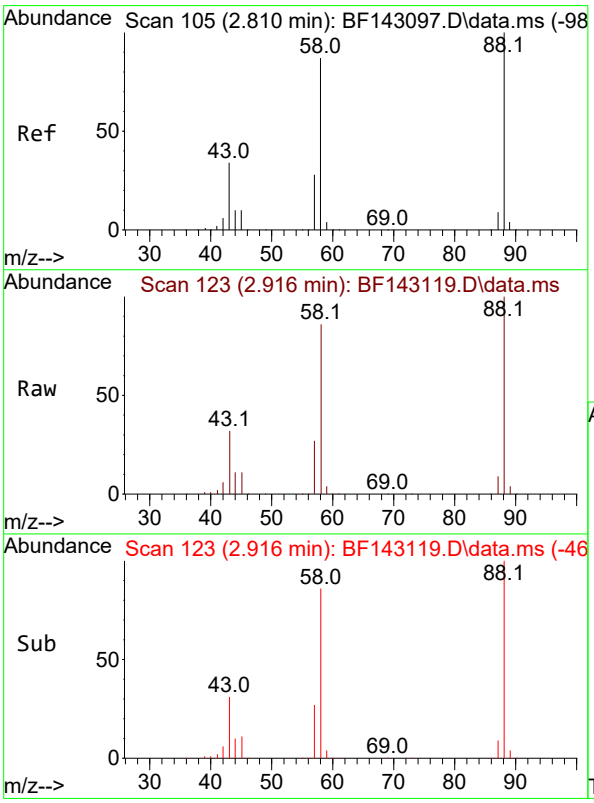
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:152 Resp: 139596

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.5	189.7
115	58.0	47.0	70.6

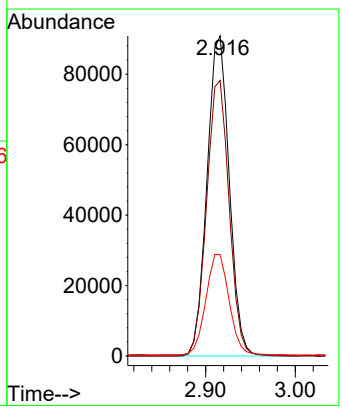


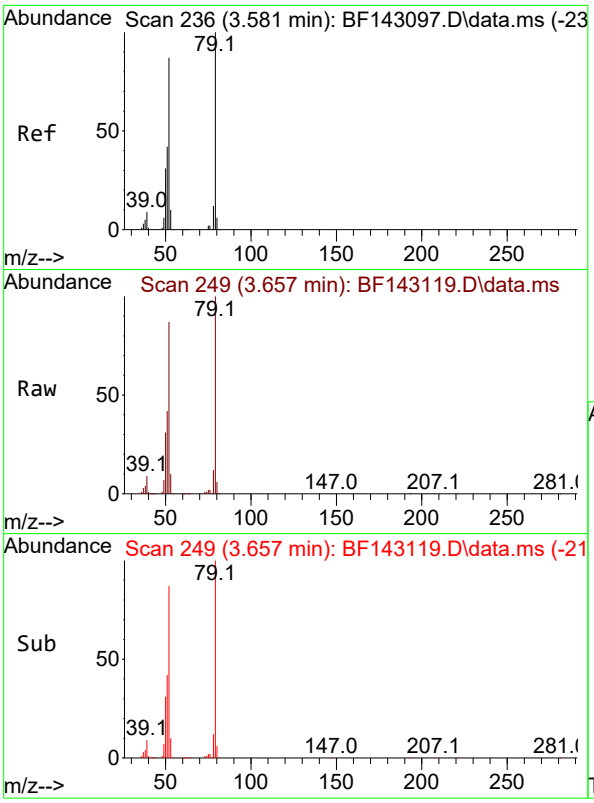


#2
1,4-Dioxane
Concen: 35.487 ng
RT: 2.916 min Scan# 123
Delta R.T. 0.106 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 88 Resp: 156082

Ion	Ratio	Lower	Upper
88	100		
58	87.7	70.5	105.7
43	33.2	27.3	40.9



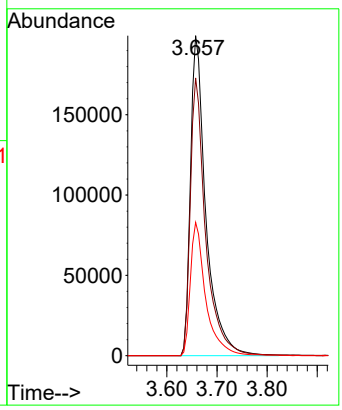


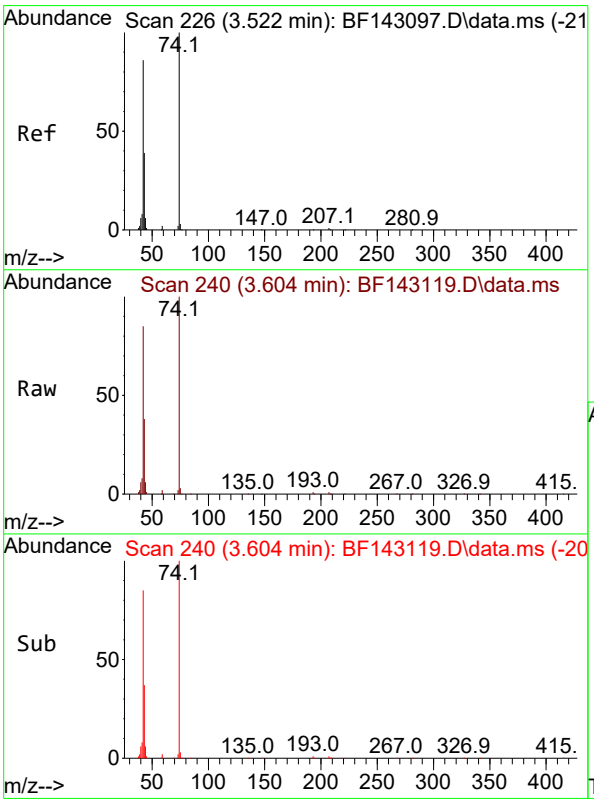
#3
Pyridine
Concen: 38.301 ng
RT: 3.657 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 79 Resp: 426573

Ion	Ratio	Lower	Upper
79	100		
52	86.8	69.2	103.8
51	41.6	33.3	49.9

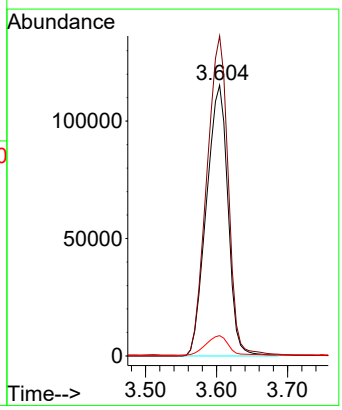


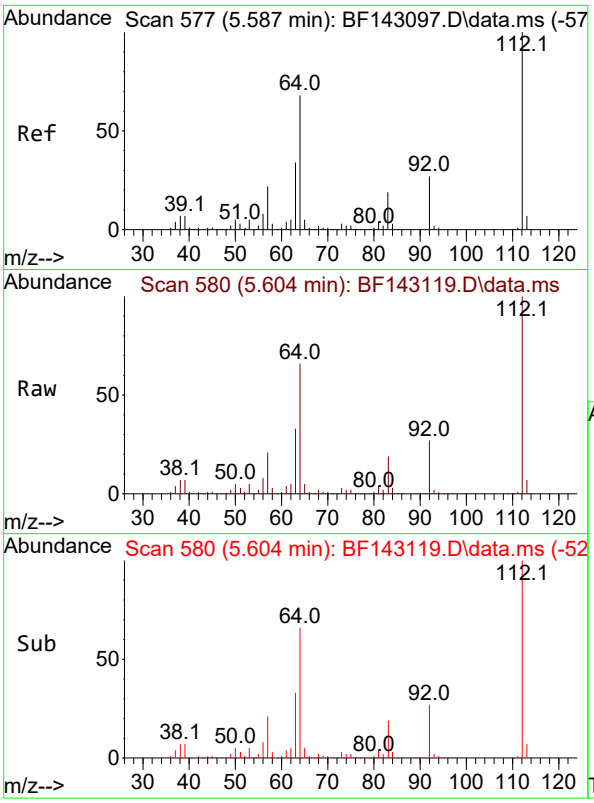


#4
n-Nitrosodimethylamine
Concen: 42.061 ng
RT: 3.604 min Scan# 240
Delta R.T. 0.082 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 42 Resp: 242710

Ion	Ratio	Lower	Upper
42	100		
74	118.2	92.8	139.2
44	7.5	5.8	8.6



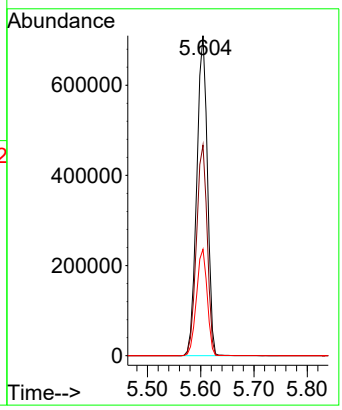


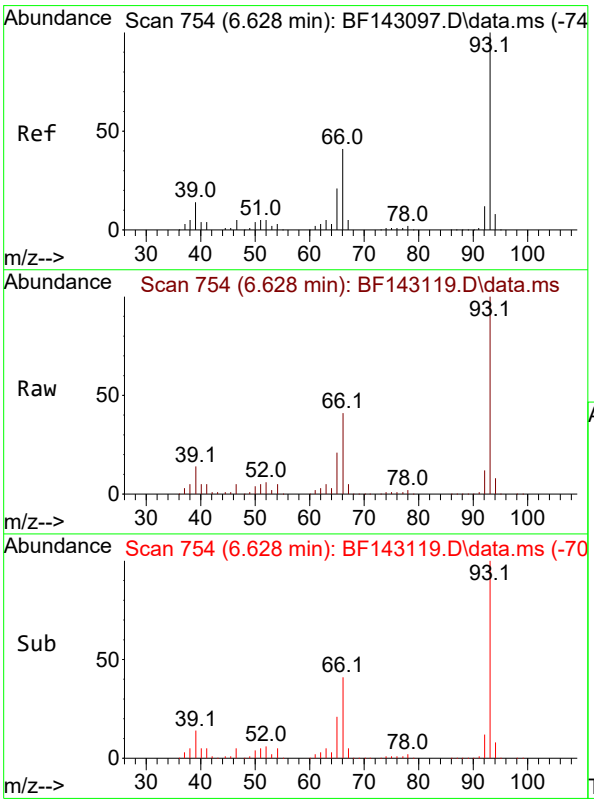
#5
2-Fluorophenol
Concen: 112.028 ng
RT: 5.604 min Scan# 5
Delta R.T. 0.018 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:112 Resp: 989830

Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.6	82.0
63	33.2	27.3	40.9

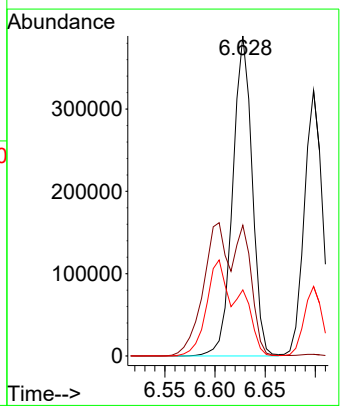


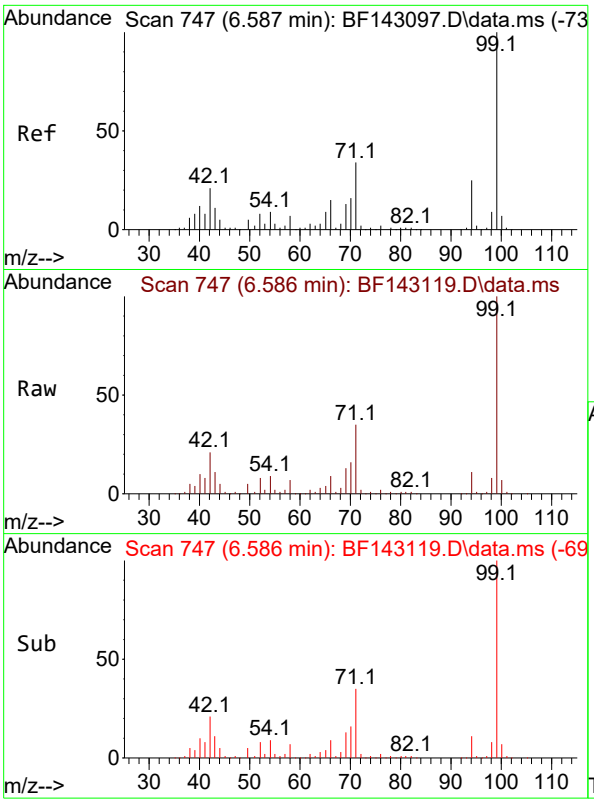


#6
Aniline
Concen: 33.531 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 93 Resp: 524410

Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.1	49.7
65	20.6	16.9	25.3



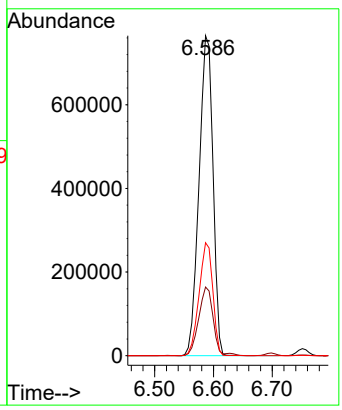


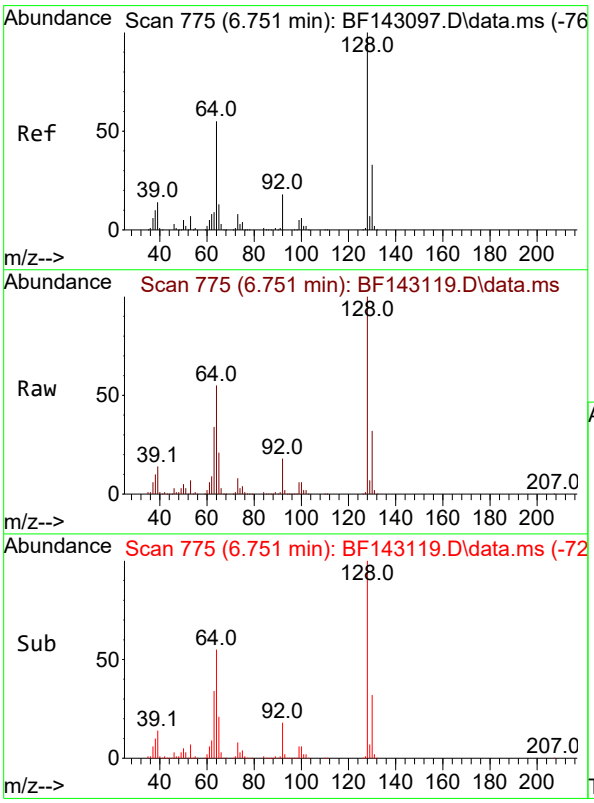
#7
Phenol-d6
Concen: 113.666 ng
RT: 6.586 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 99 Resp: 1262403

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	35.3	27.4	41.0

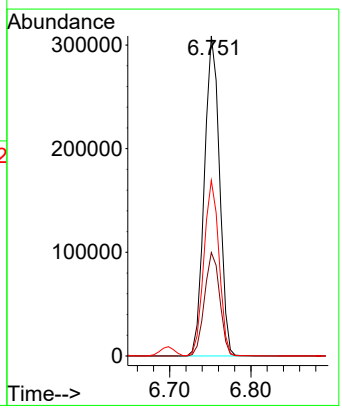


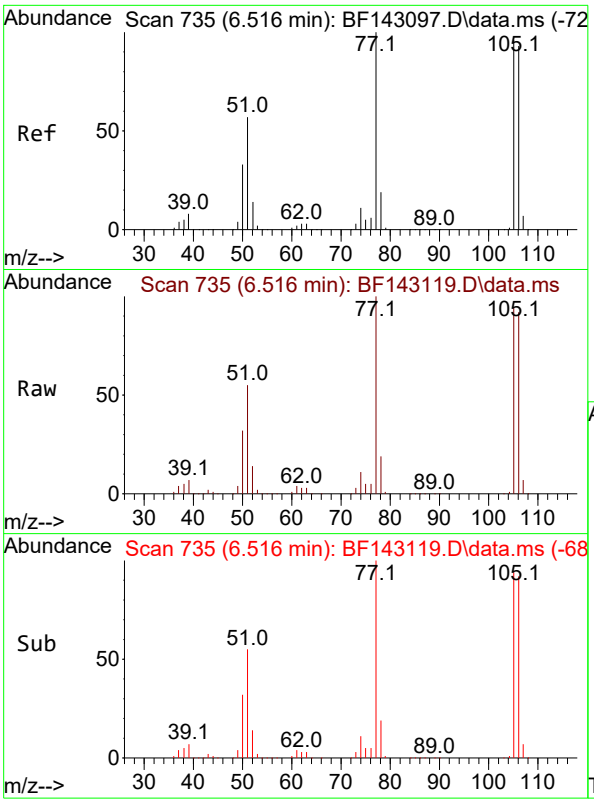


#8
2-Chlorophenol
Concen: 45.033 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:128 Resp: 399769

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	54.9	36.1	76.1



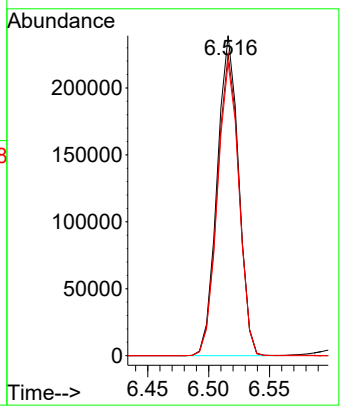


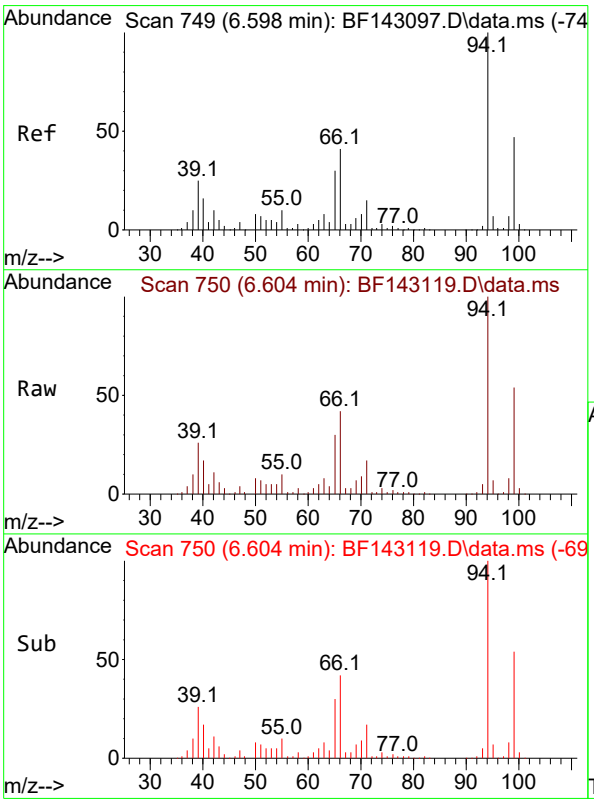
#9
Benzaldehyde
Concen: 34.636 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 77 Resp: 293118

Ion	Ratio	Lower	Upper
77	100		
105	94.4	76.3	116.3
106	91.6	72.8	112.8

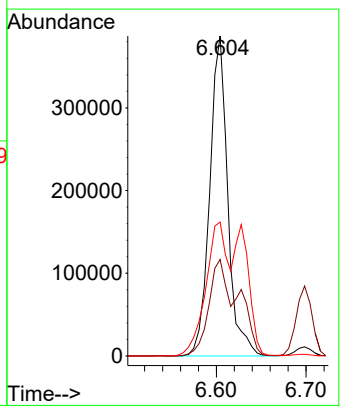


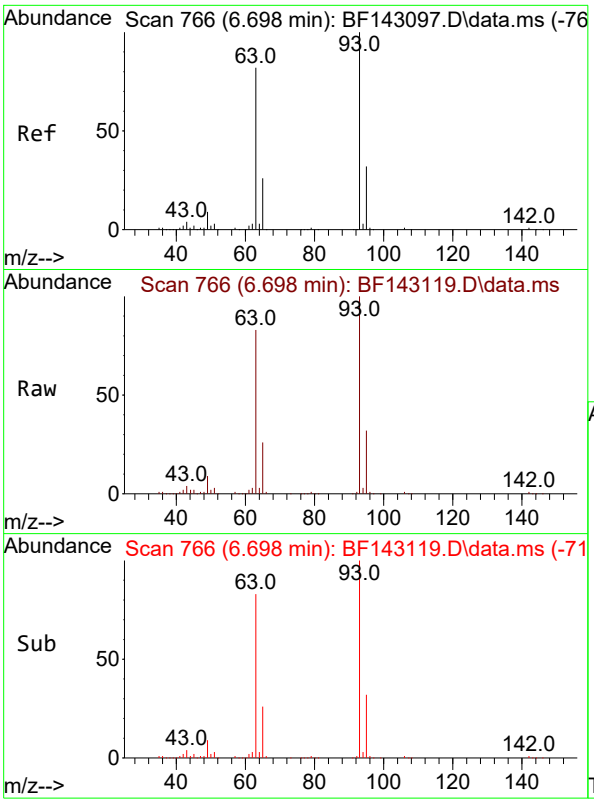


#10
Phenol
Concen: 44.973 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 94 Resp: 540727

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.8	49.8
66	41.8	20.5	60.5



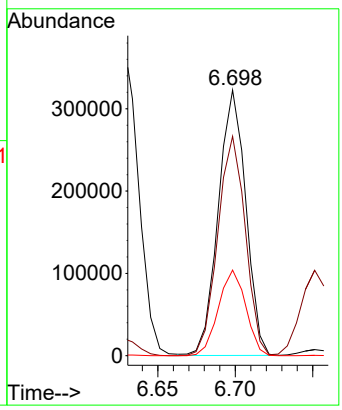


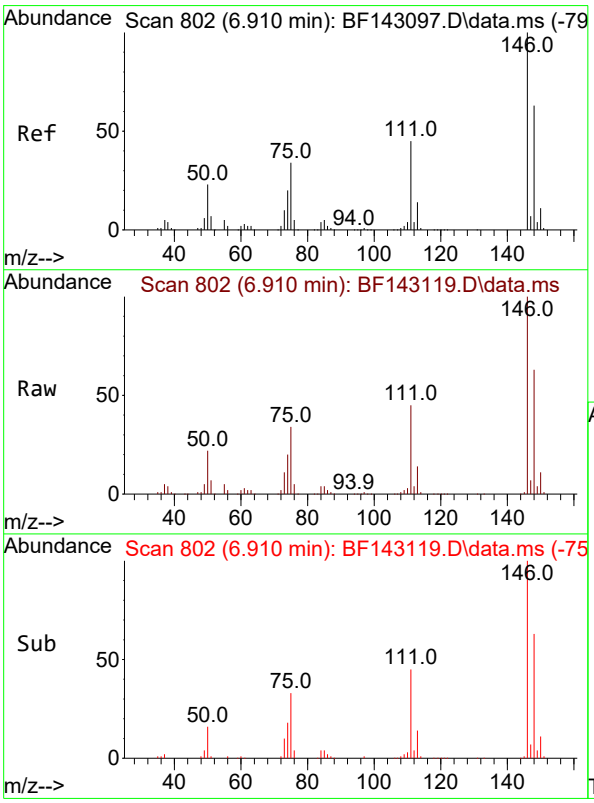
#11
bis(2-Chloroethyl)ether
Concen: 42.717 ng
RT: 6.698 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 93 Resp: 397600

Ion	Ratio	Lower	Upper
93	100		
63	82.6	61.9	101.9
95	32.2	12.2	52.2

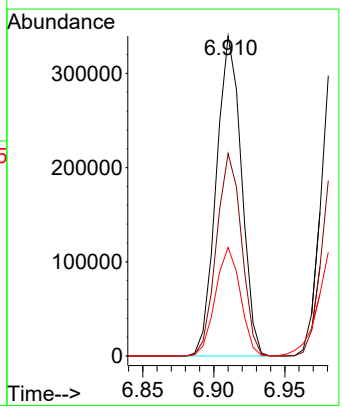


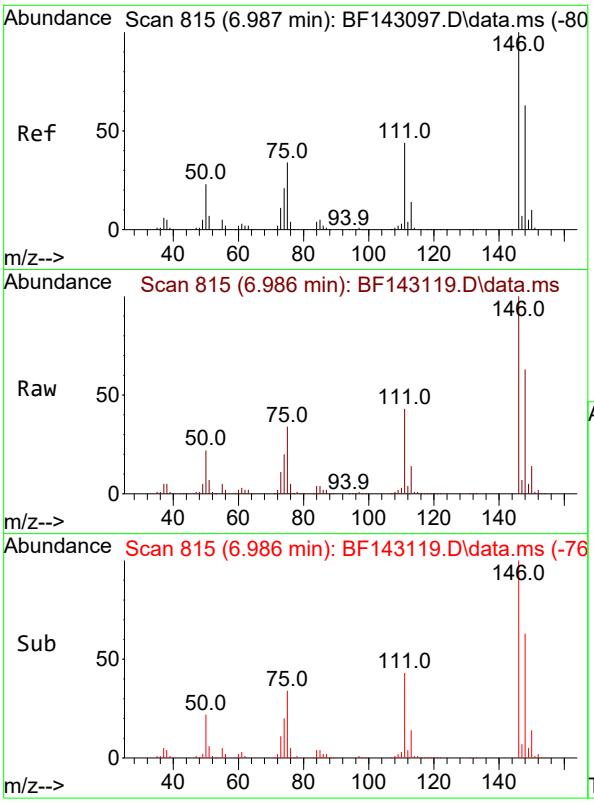


#12
1,3-Dichlorobenzene
Concen: 41.677 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:146 Resp: 417974

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.1	75.1
75	33.9	27.4	41.0



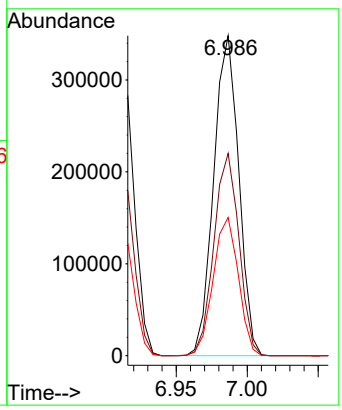


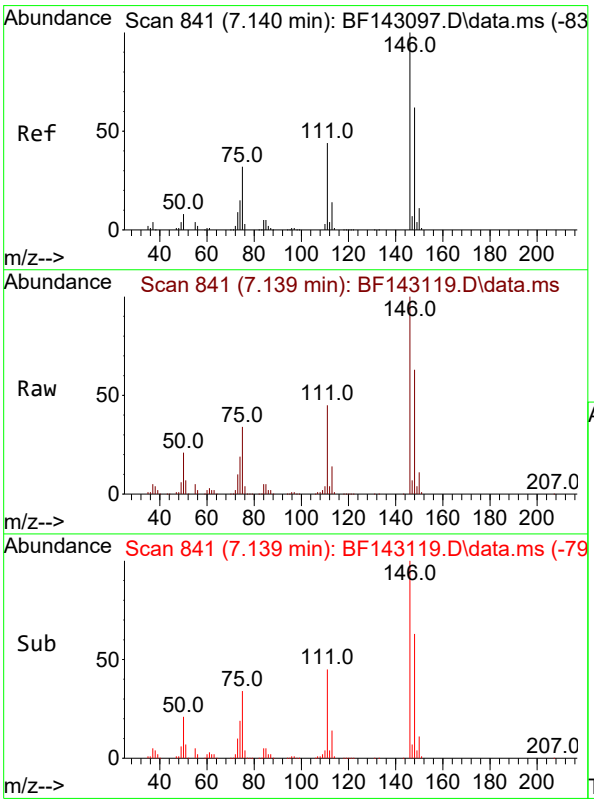
#13
1,4-Dichlorobenzene
Concen: 42.346 ng
RT: 6.986 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:146 Resp: 427253

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	43.2	35.0	52.6

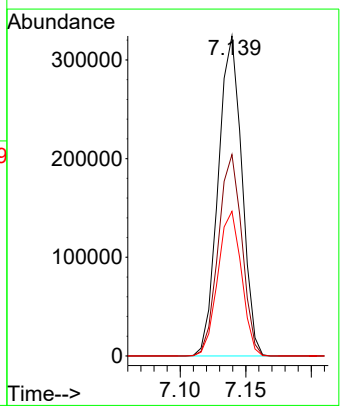


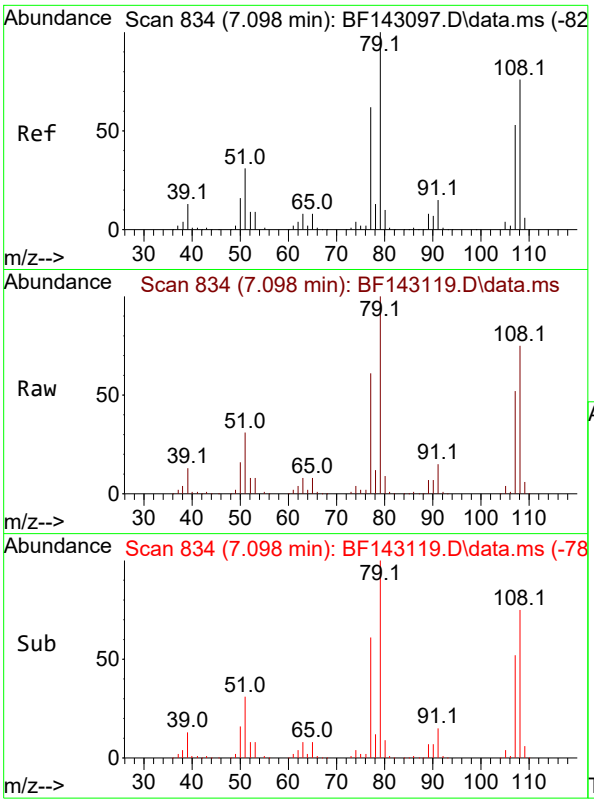


#14
1,2-Dichlorobenzene
Concen: 42.236 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:146 Resp: 406381

Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	45.2	35.4	53.0



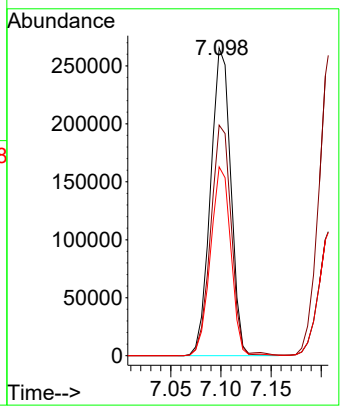


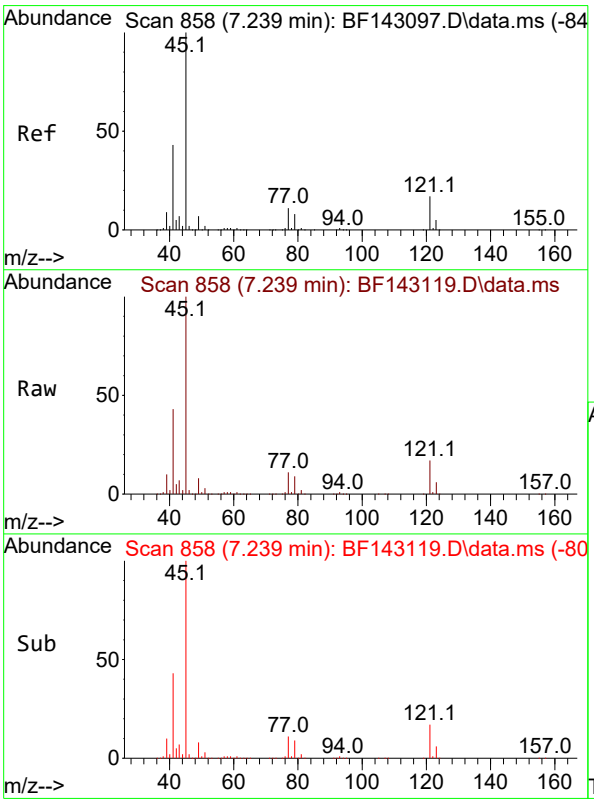
#15
Benzyl Alcohol
Concen: 45.231 ng
RT: 7.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 79 Resp: 372222

Ion	Ratio	Lower	Upper
79	100		
108	74.9	61.1	91.7
77	61.3	49.9	74.9

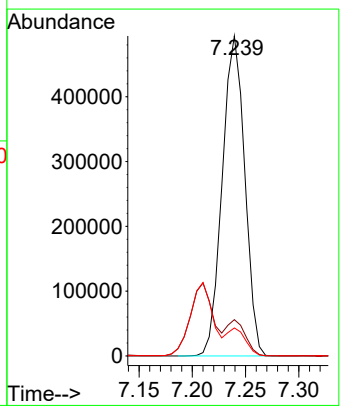


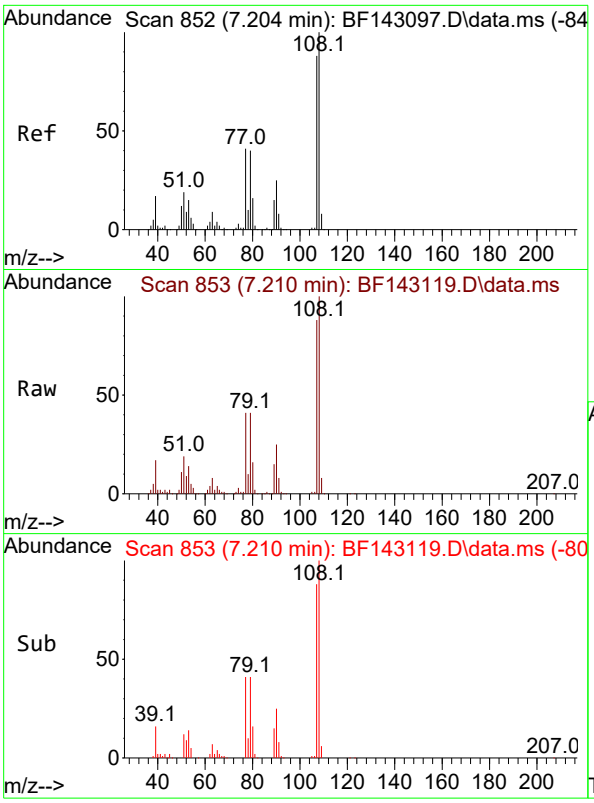


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.216 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 45 Resp: 724325

Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.1
79	8.8	0.0	28.4



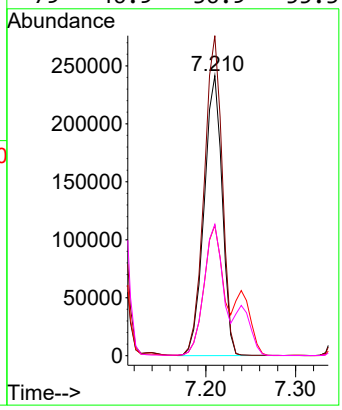


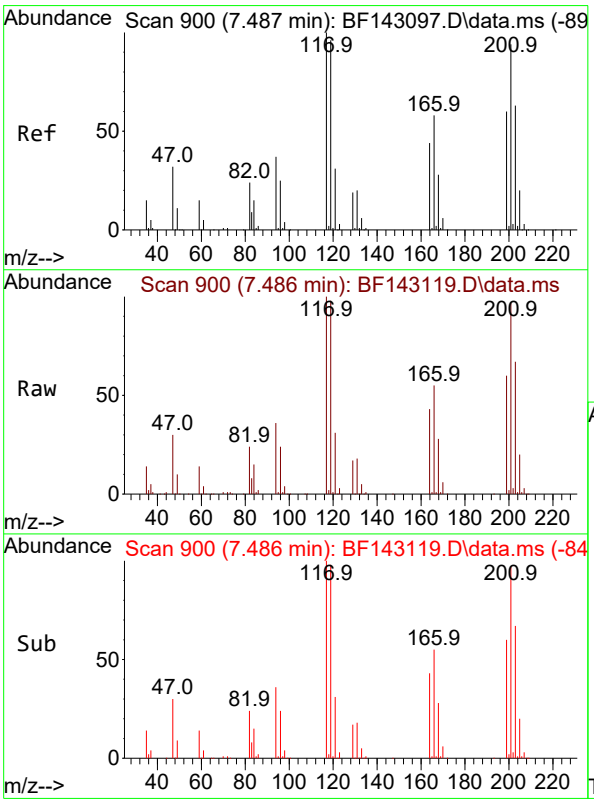
#17
2-Methylphenol
Concen: 44.003 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:107 Resp: 337095

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	46.6	37.5	56.3
79	46.9	36.9	55.3

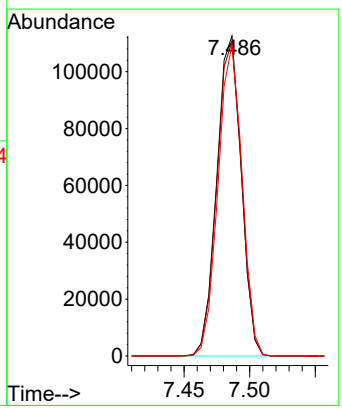


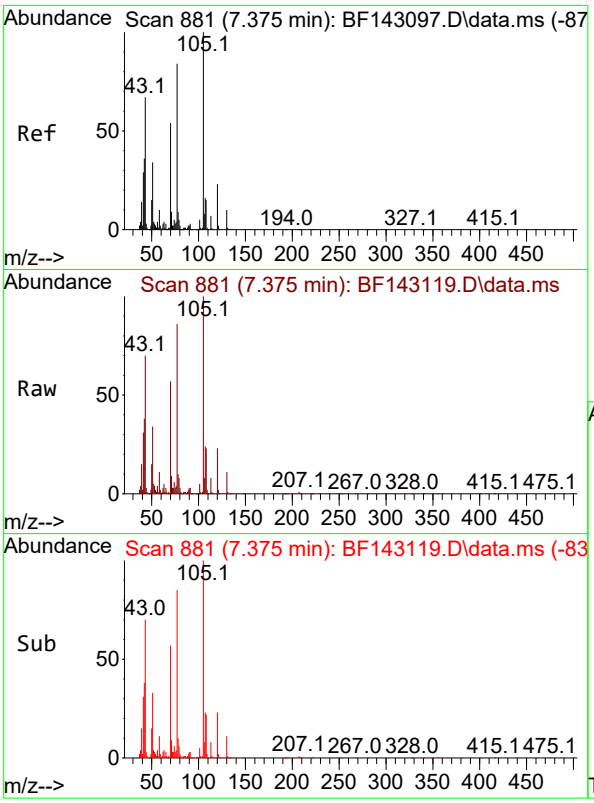


#18
Hexachloroethane
Concen: 44.435 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:117 Resp: 145952

Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.7	115.1
201	97.3	75.0	112.4



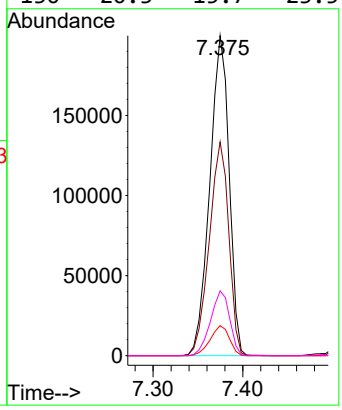


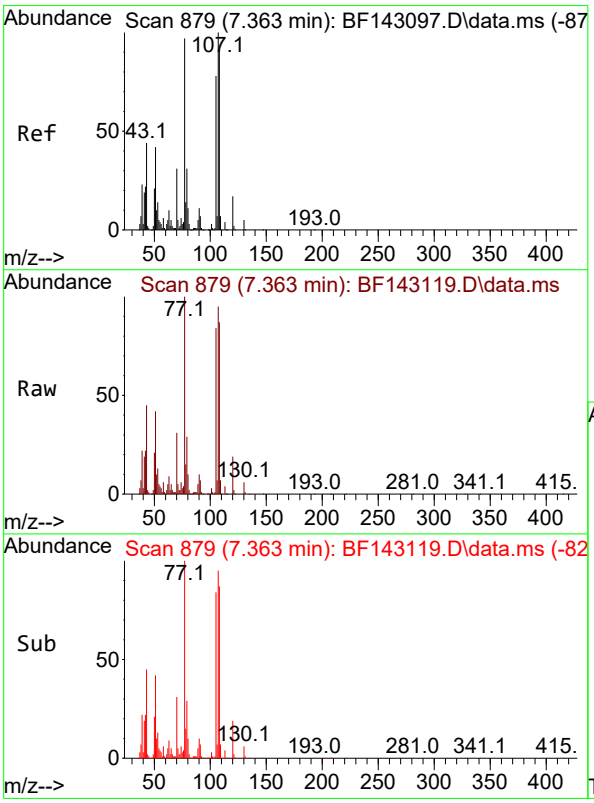
#19
n-Nitroso-di-n-propylamine
Concen: 43.942 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 70 Resp: 298994

Ion	Ratio	Lower	Upper
70	100		
42	66.8	53.2	79.8
101	9.4	7.5	11.3
130	20.3	15.7	23.5

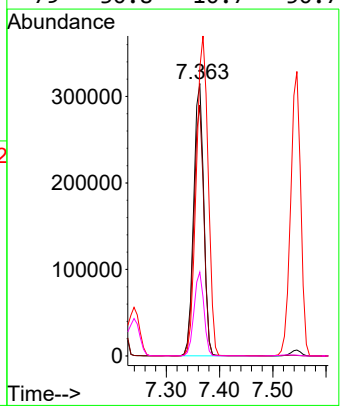


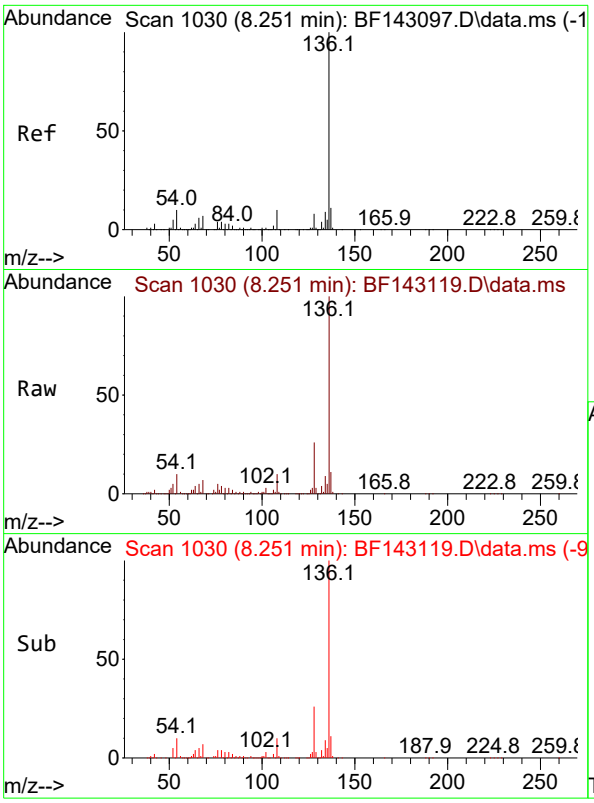


#20
3+4-Methylphenols
Concen: 44.228 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:107 Resp: 415512

Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.3	111.3
77	105.5	77.2	117.2
79	30.8	10.7	50.7



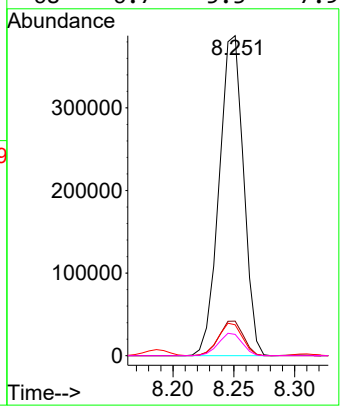


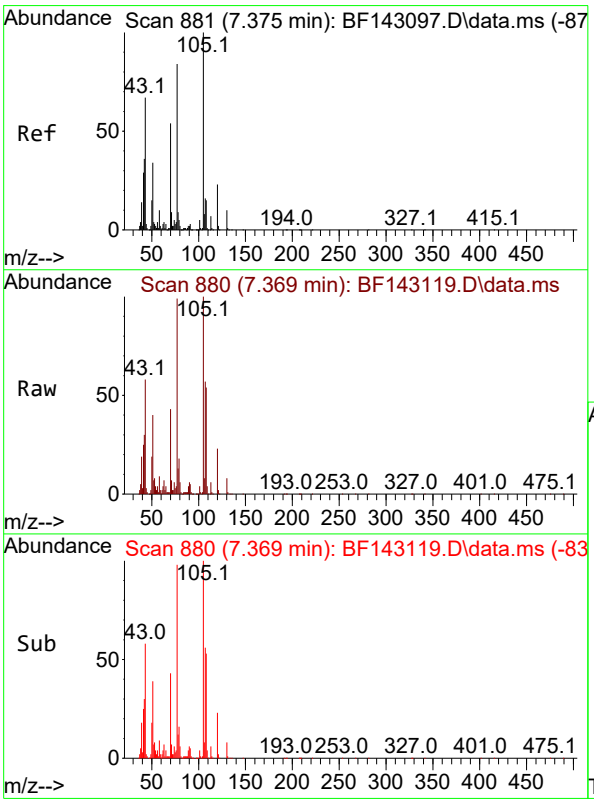
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:136 Resp: 538805

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	8.3	12.5
68	6.7	5.3	7.9

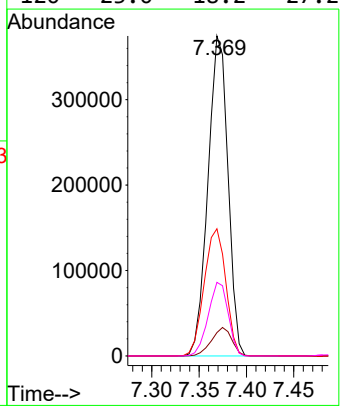


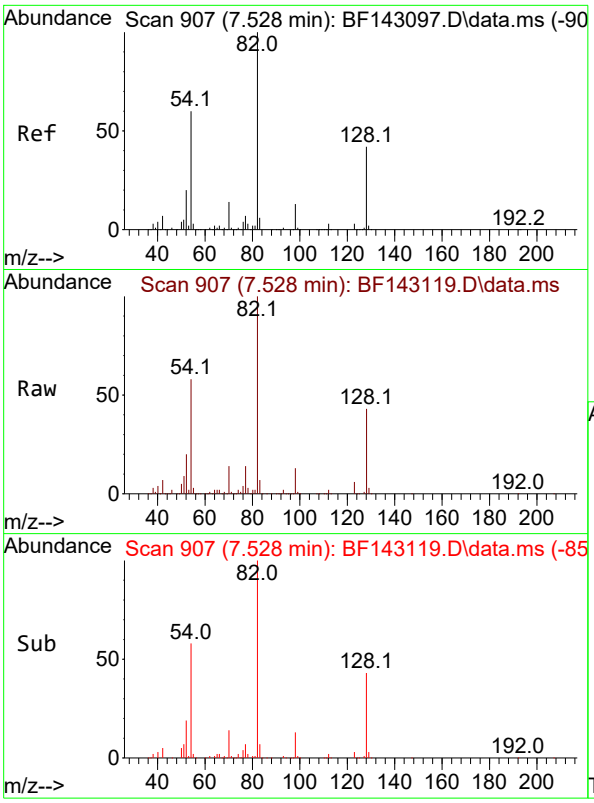


#22
Acetophenone
Concen: 42.355 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:105 Resp: 550129

Ion	Ratio	Lower	Upper
105	100		
71	7.3	7.2	10.8
51	39.8	27.0	40.4
120	23.0	18.2	27.2



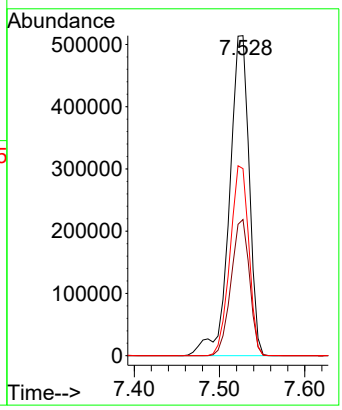


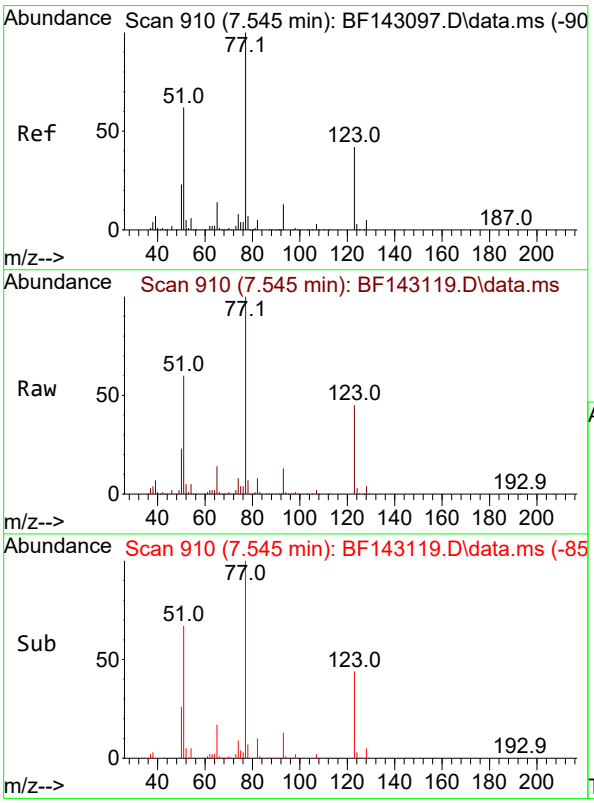
#23
Nitrobenzene-d5
Concen: 86.012 ng
RT: 7.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 82 Resp: 826120

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	58.5	47.4	71.2

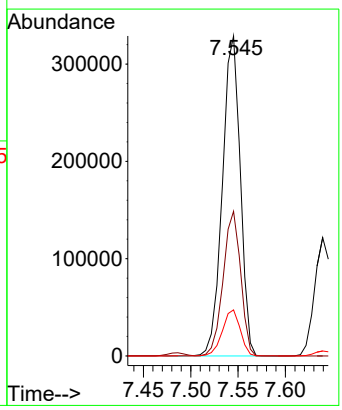


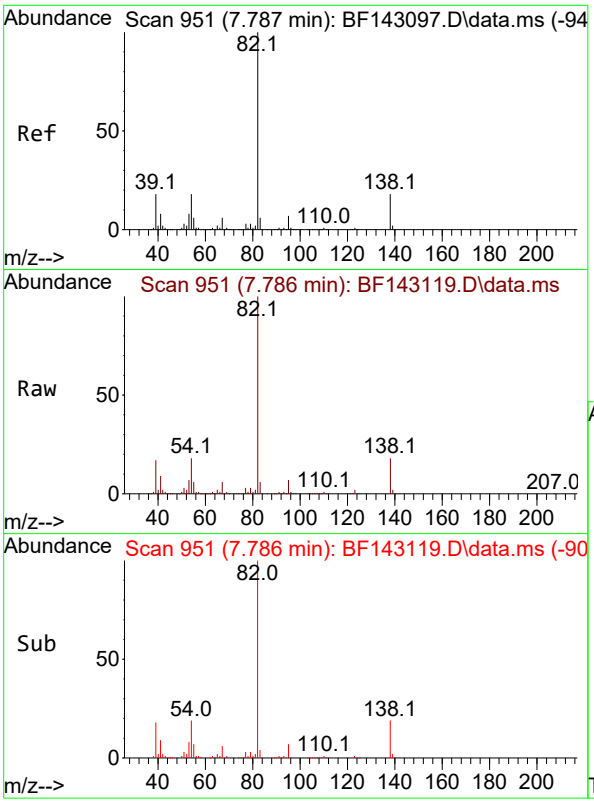


#24
Nitrobenzene
Concen: 46.668 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 77 Resp: 432713

Ion	Ratio	Lower	Upper
77	100		
123	45.2	34.5	51.7
65	14.4	11.3	16.9



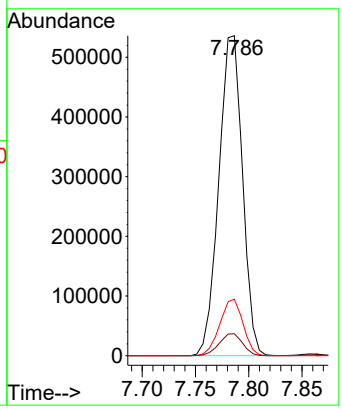


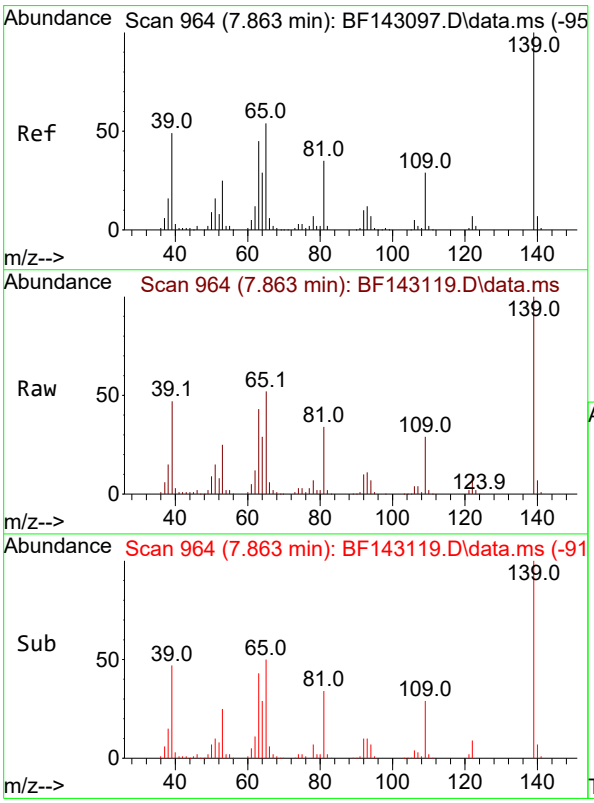
#25
Isophorone
Concen: 44.624 ng
RT: 7.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 82 Resp: 828422

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.6	14.3	21.5

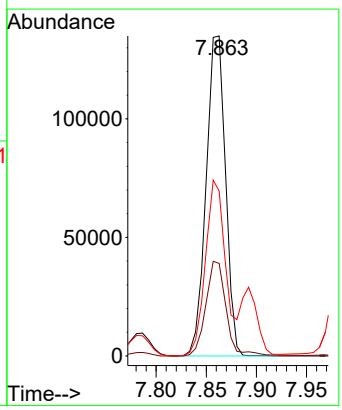


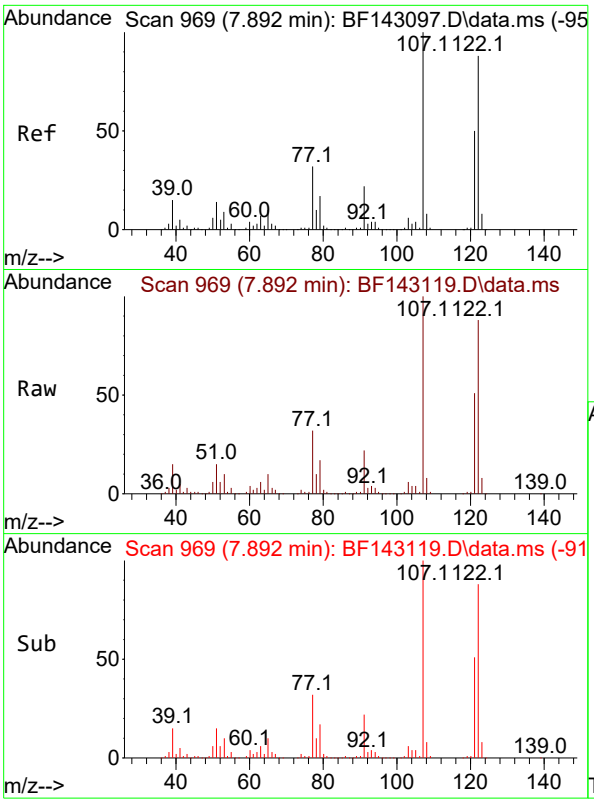


#26
2-Nitrophenol
Concen: 49.075 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:139 Resp: 182190

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.4	35.0
65	51.6	43.4	65.2



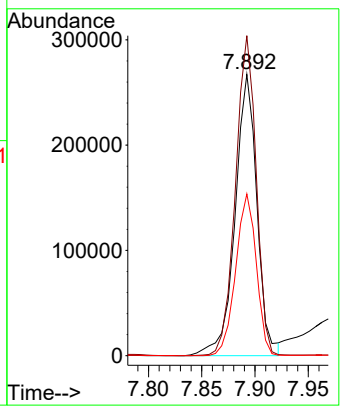


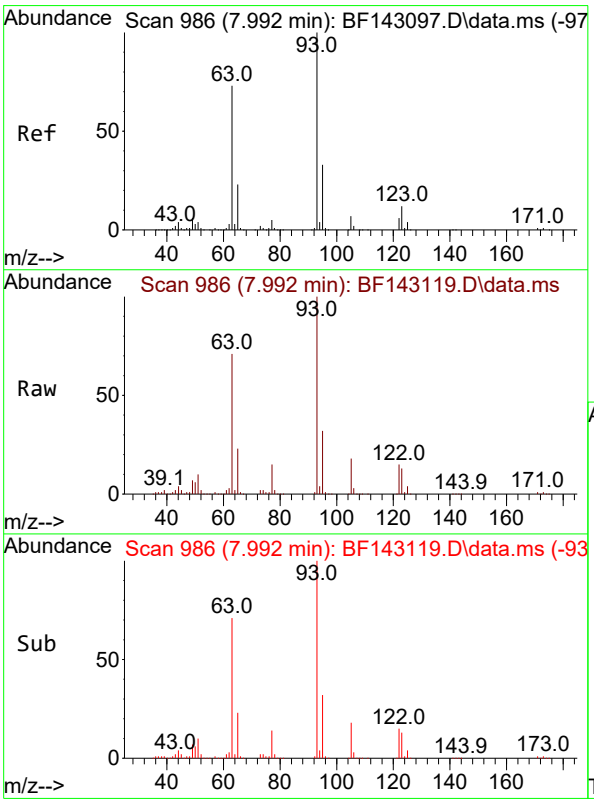
#27
2,4-Dimethylphenol
Concen: 44.367 ng
RT: 7.892 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:122 Resp: 382286

Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.3	136.9
121	57.5	45.5	68.3

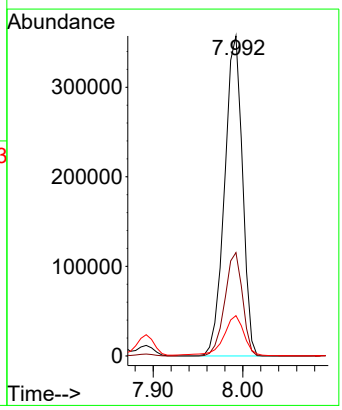


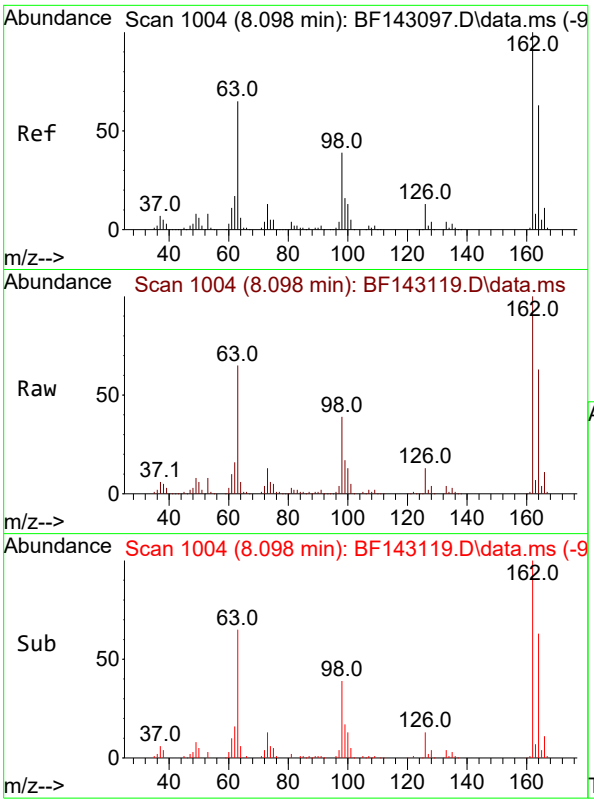


#28
bis(2-Chloroethoxy)methane
Concen: 43.864 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 93 Resp: 493796

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.6	9.6	14.4



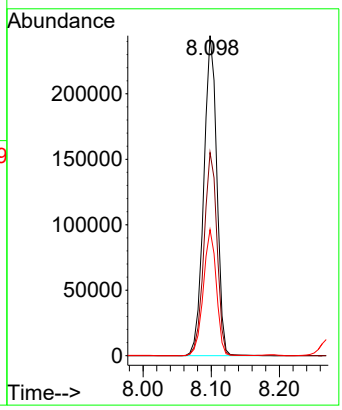


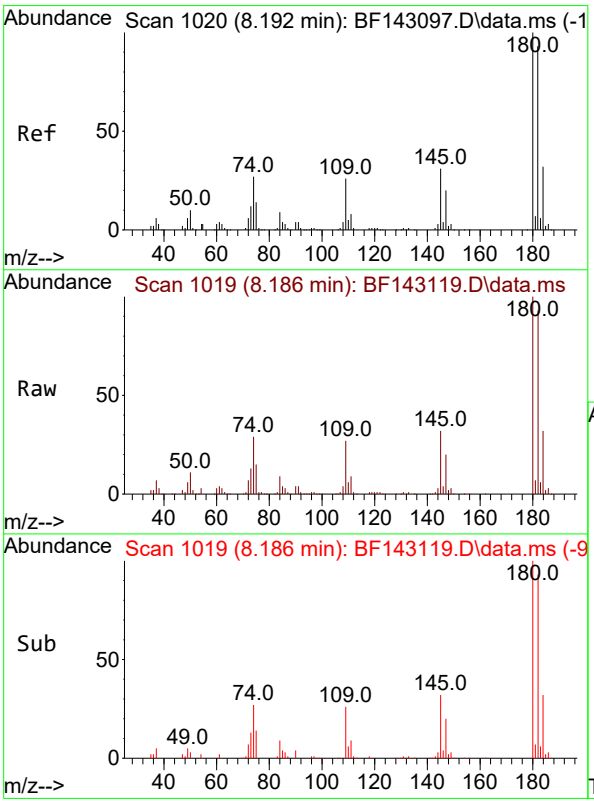
#29
2,4-Dichlorophenol
Concen: 46.284 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:162 Resp: 326258

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.1	83.1
98	39.4	19.2	59.2

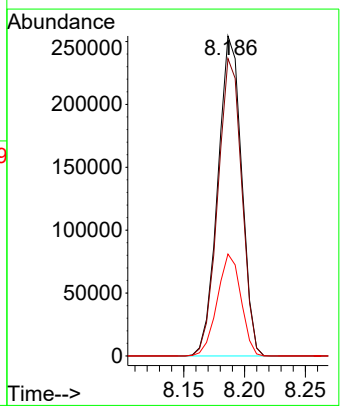


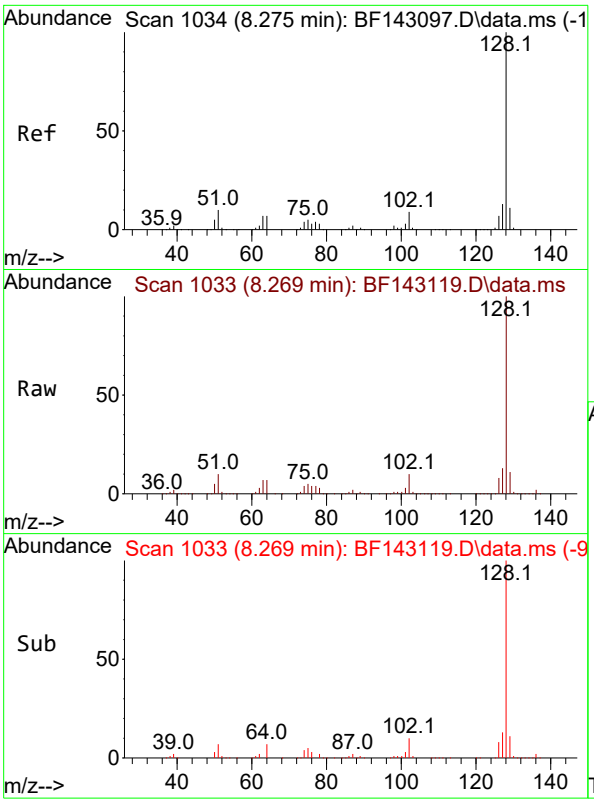


#30
1,2,4-Trichlorobenzene
Concen: 43.280 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:180 Resp: 346239

Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.7	112.1
145	31.9	24.5	36.7



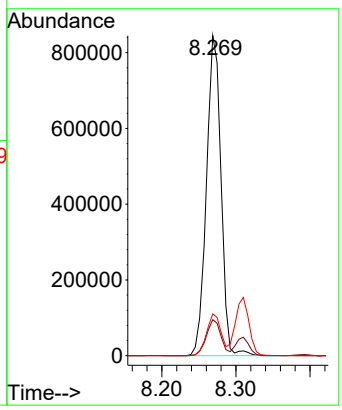


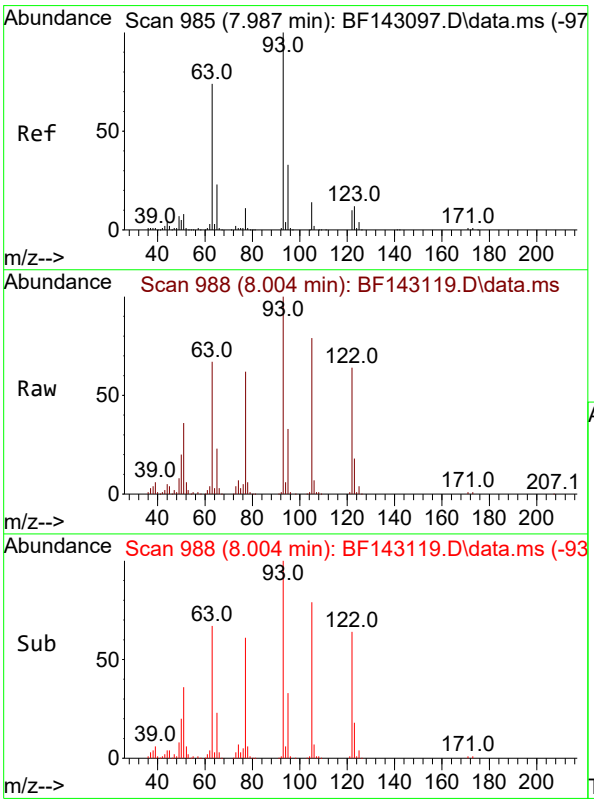
#31
Naphthalene
Concen: 43.016 ng
RT: 8.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:128 Resp: 1150939

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.0	10.5	15.7

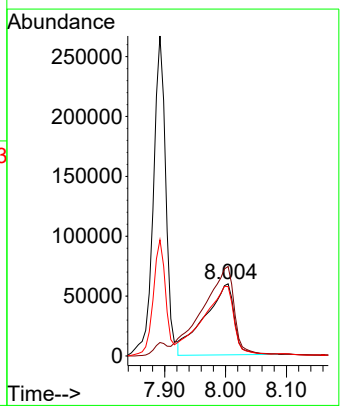


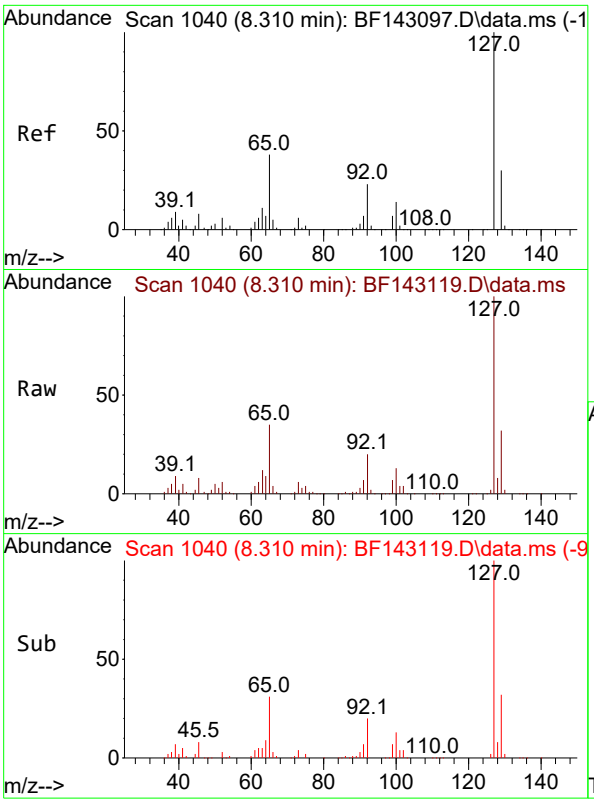


#32
Benzoic acid
Concen: 47.238 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.017 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:122 Resp: 202294

Ion	Ratio	Lower	Upper
122	100		
105	124.0	105.4	145.4
77	96.3	78.6	118.6



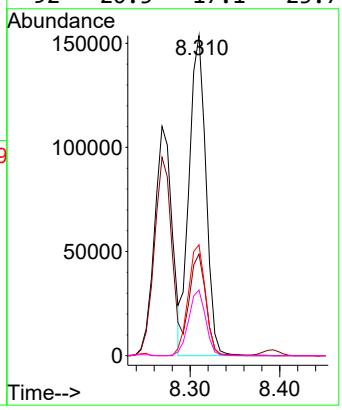


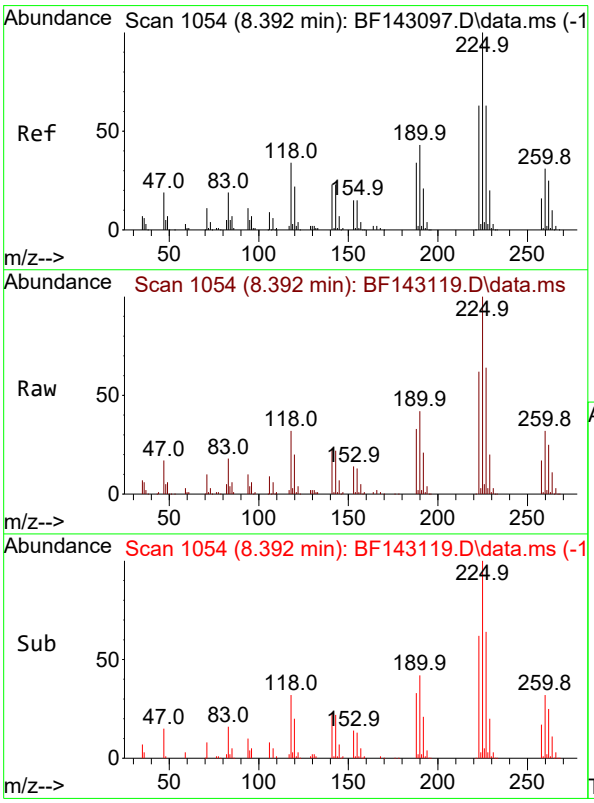
#33
4-Chloroaniline
Concen: 18.568 ng
RT: 8.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:127 Resp: 199781

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	34.6	28.6	42.8
92	20.5	17.1	25.7

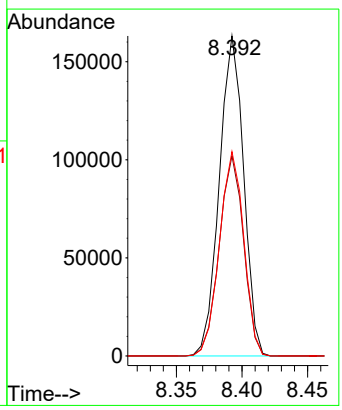


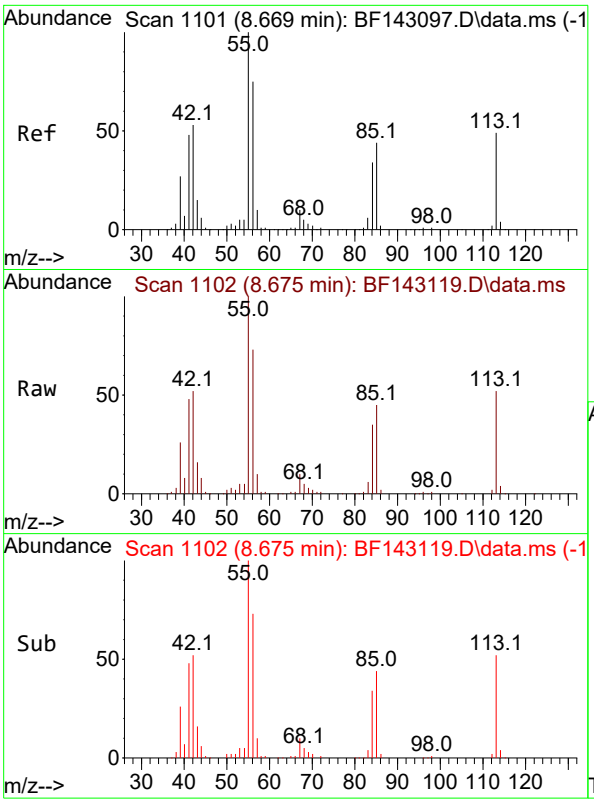


#34
Hexachlorobutadiene
Concen: 43.936 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:225 Resp: 210203

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	63.8	50.1	75.1



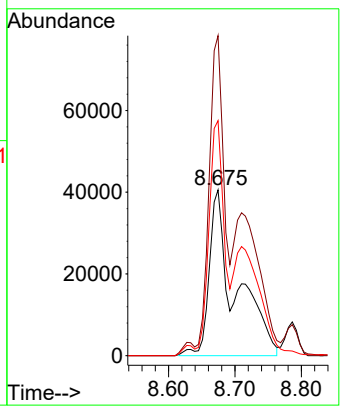


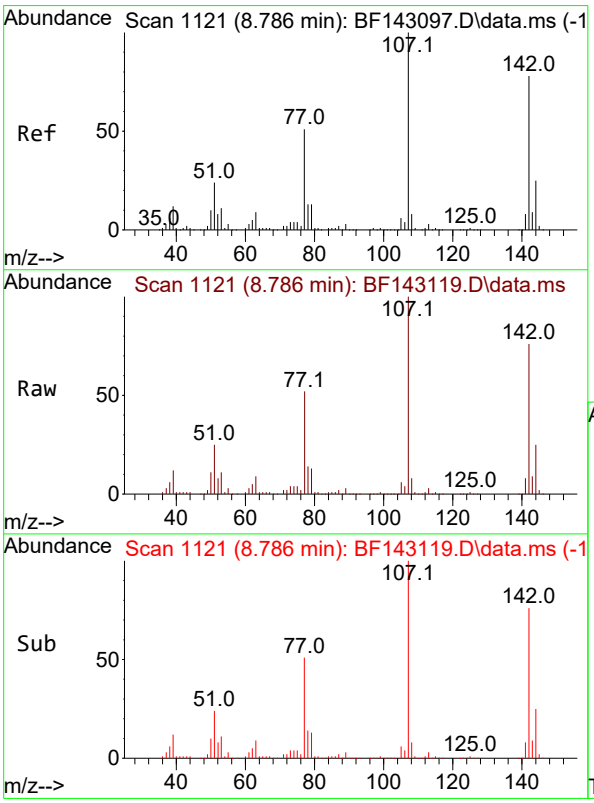
#35
Caprolactam
Concen: 50.690 ng m
RT: 8.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:113 Resp: 111579

Ion	Ratio	Lower	Upper
113	100		
55	193.0	186.2	226.2
56	141.8	134.1	174.1

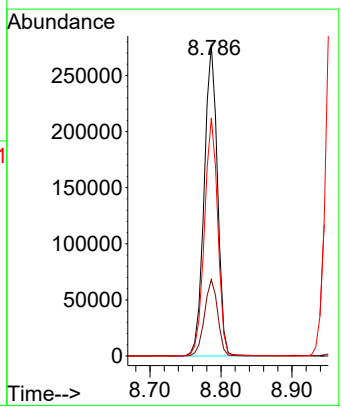


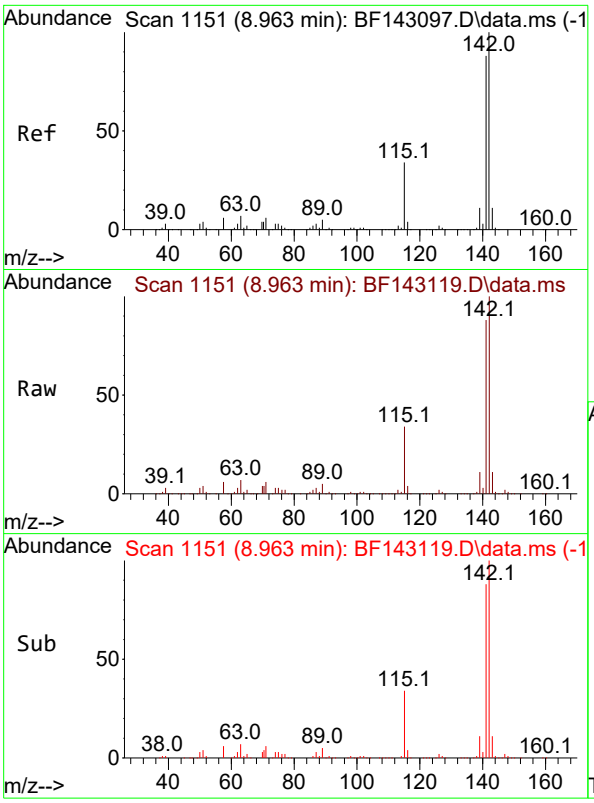


#36
4-Chloro-3-methylphenol
Concen: 46.015 ng
RT: 8.786 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:107 Resp: 361316

Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.2	30.2
142	76.5	62.4	93.6



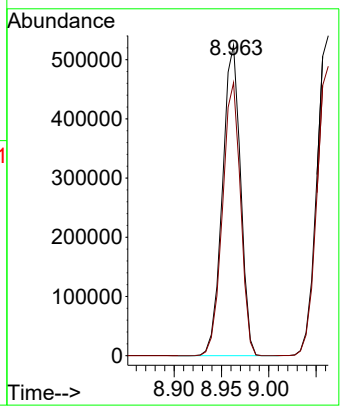


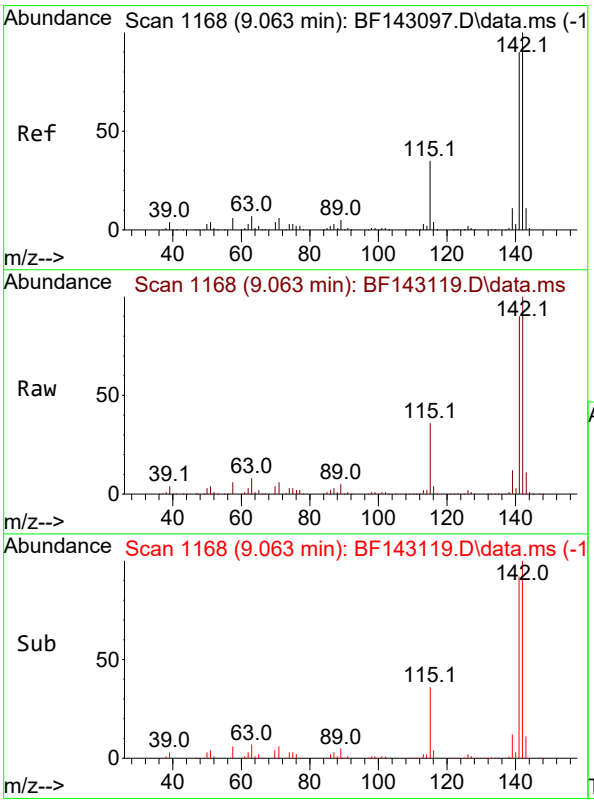
#37
2-Methylnaphthalene
Concen: 43.769 ng
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:142 Resp: 698633

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.2

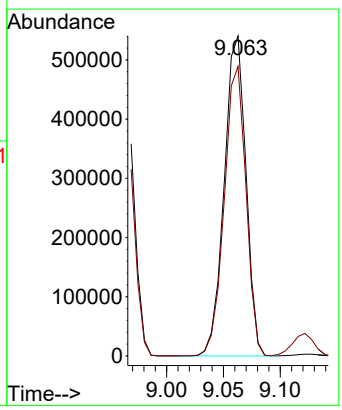


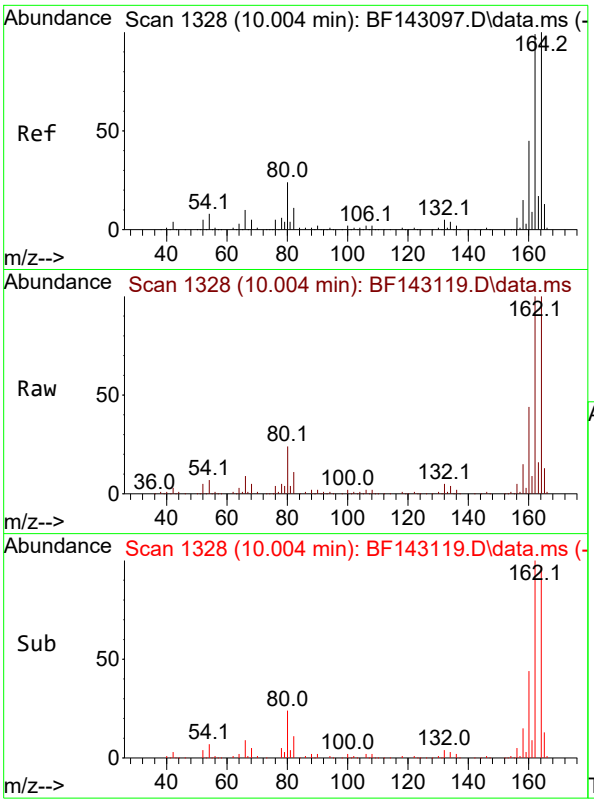


#38
1-Methylnaphthalene
Concen: 43.413 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:142 Resp: 718711

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.4



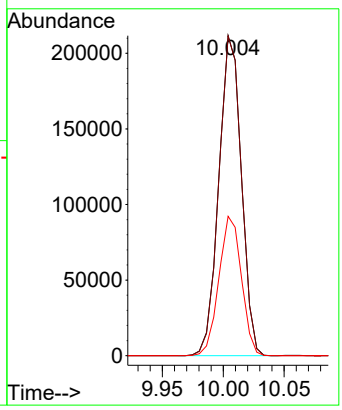


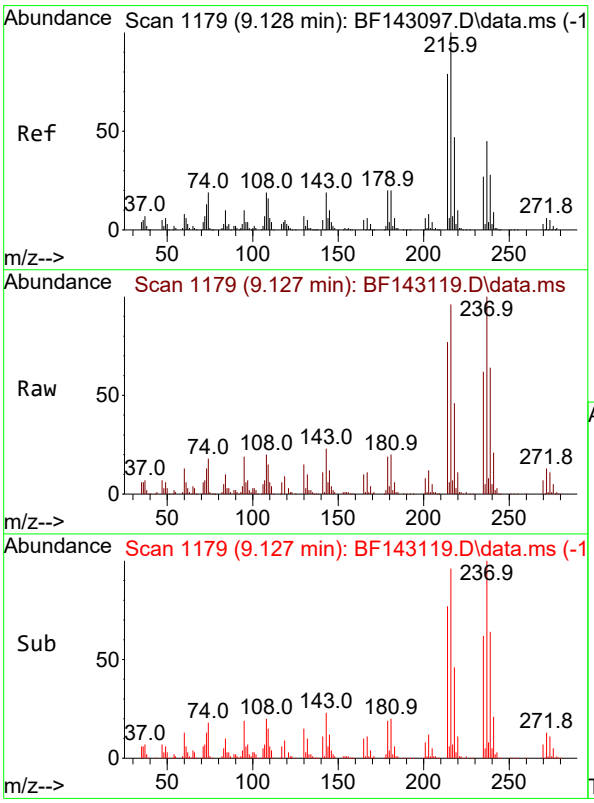
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:164 Resp: 272708

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.6	35.8	53.6

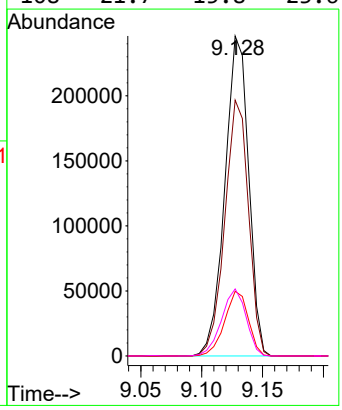


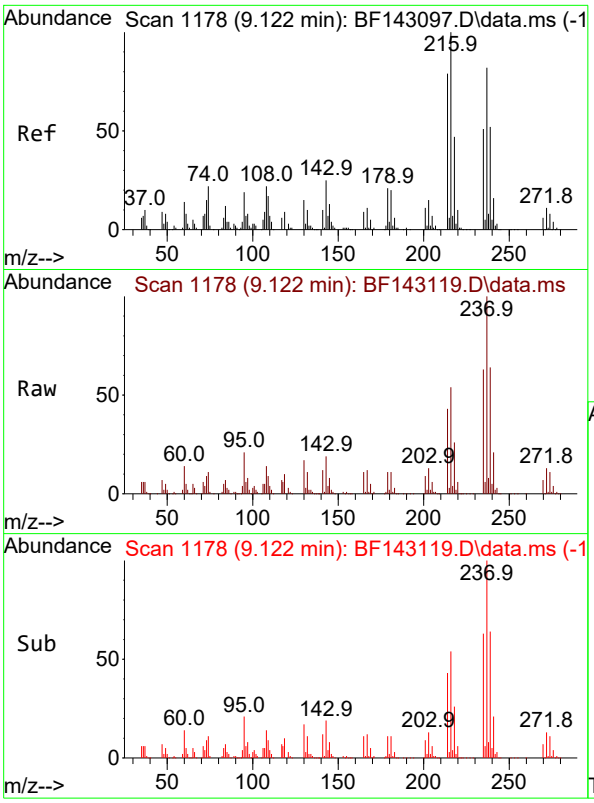


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.026 ng
RT: 9.127 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:216 Resp: 333993

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.6	94.0
179	20.2	16.2	24.2
108	21.7	15.8	23.6



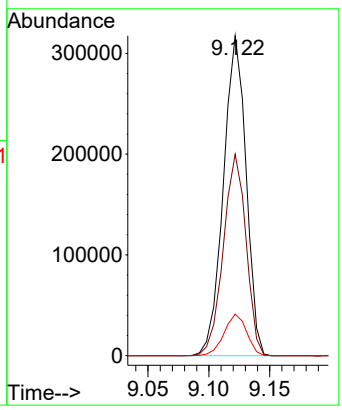


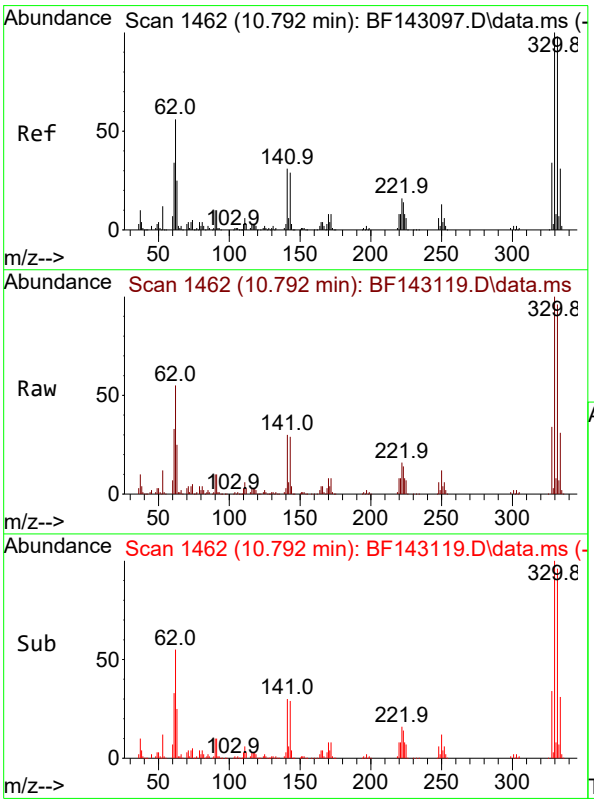
#41
Hexachlorocyclopentadiene
Concen: 93.298 ng
RT: 9.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:237 Resp: 411090

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.6	81.6
272	13.0	0.0	32.9

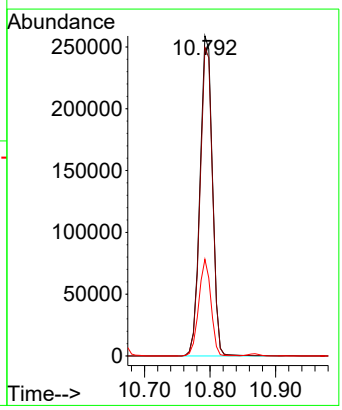


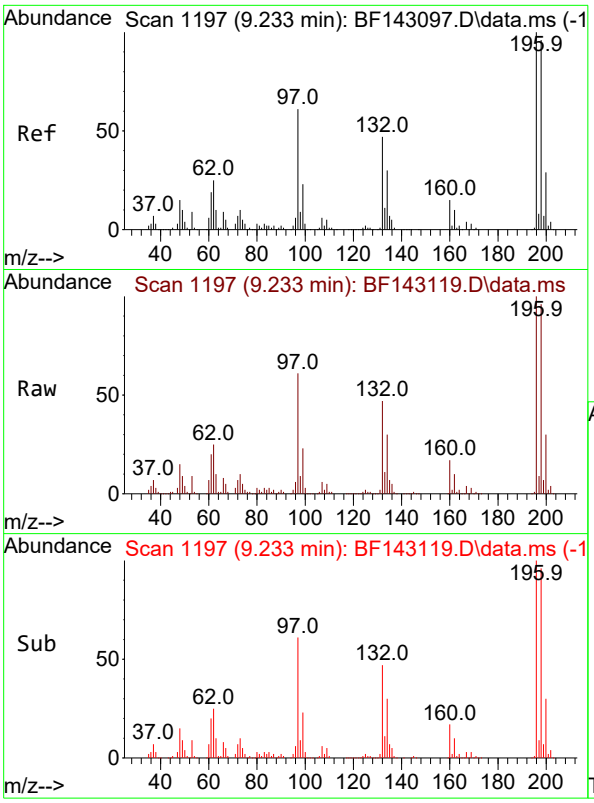


#42
2,4,6-Tribromophenol
Concen: 140.273 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:330 Resp: 341088

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	29.6	25.9	38.9



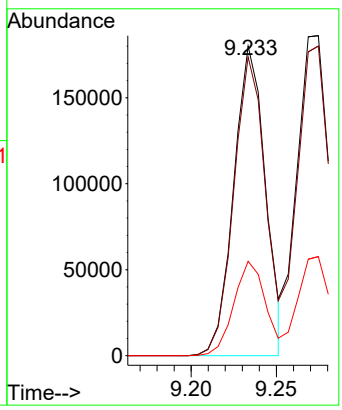


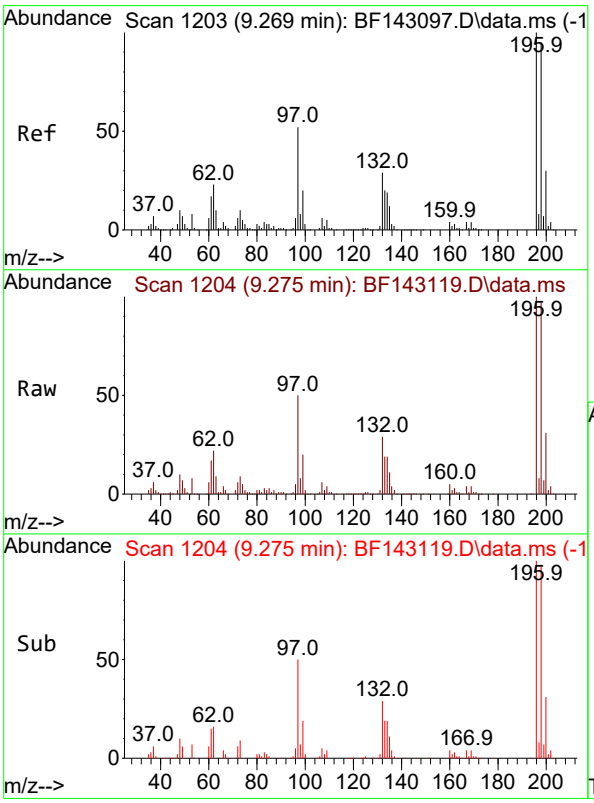
#43
2,4,6-Trichlorophenol
Concen: 47.049 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:196 Resp: 232335

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.9	115.3
200	30.5	23.5	35.3

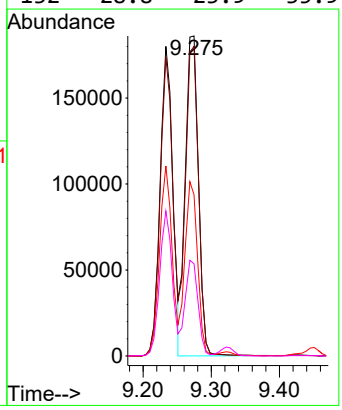


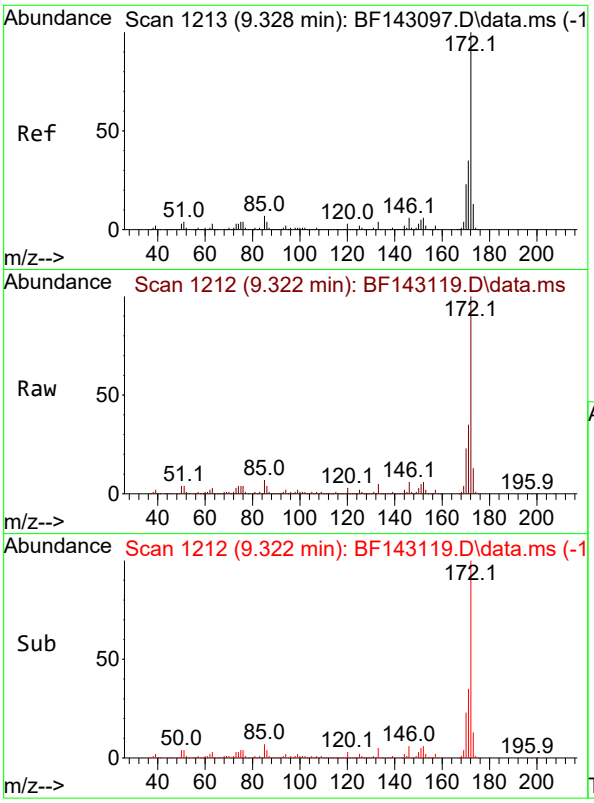


#44
2,4,5-Trichlorophenol
Concen: 47.747 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:196 Resp: 247228

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.4	114.6
97	50.4	42.4	63.6
132	28.8	23.9	35.9



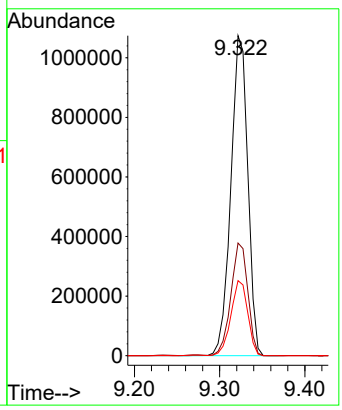


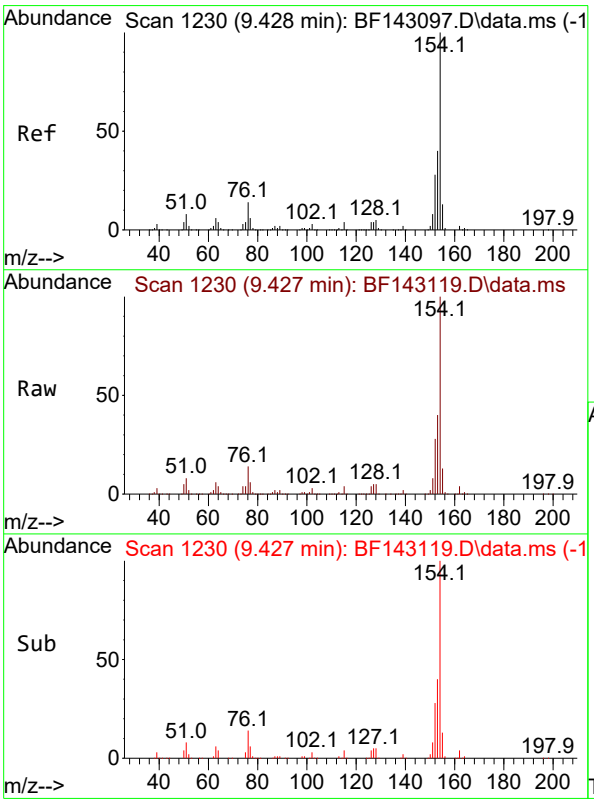
#45
2-Fluorobiphenyl
Concen: 72.406 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:172 Resp: 1485452

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.4	18.6	28.0

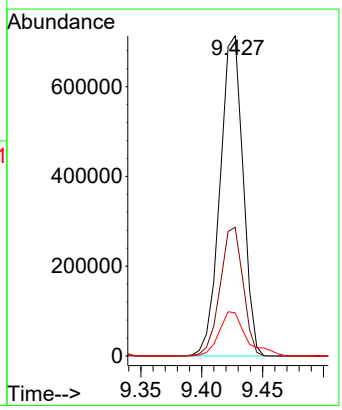


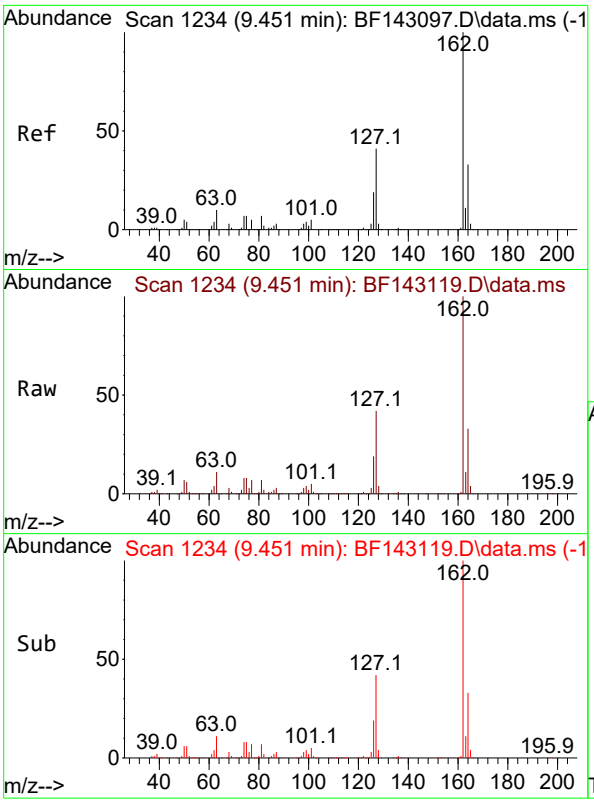


#46
1,1'-Biphenyl
Concen: 43.047 ng
RT: 9.427 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:154 Resp: 936182

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.1	60.1
76	13.5	0.0	33.7



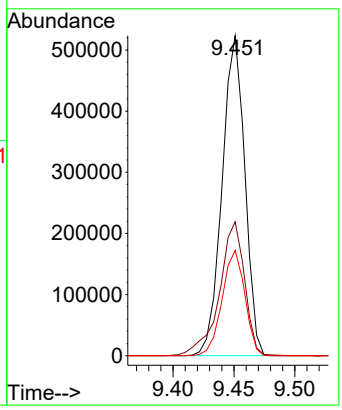


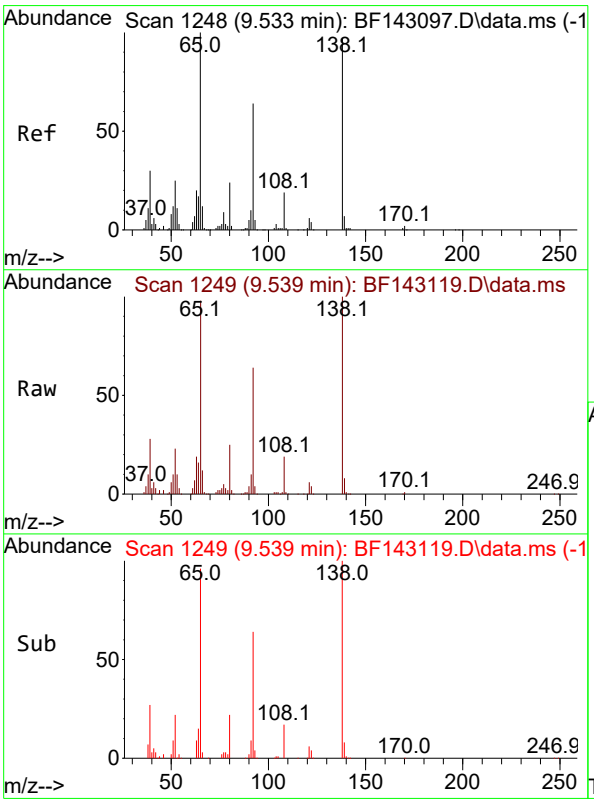
#47
2-Chloronaphthalene
Concen: 42.624 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:162 Resp: 680991

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.0	49.6
164	32.9	26.1	39.1

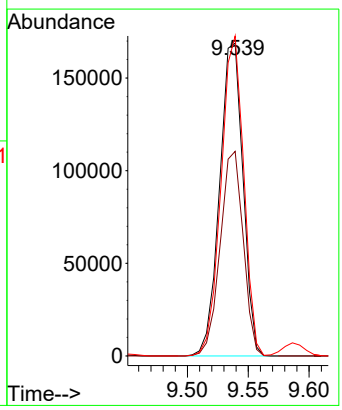


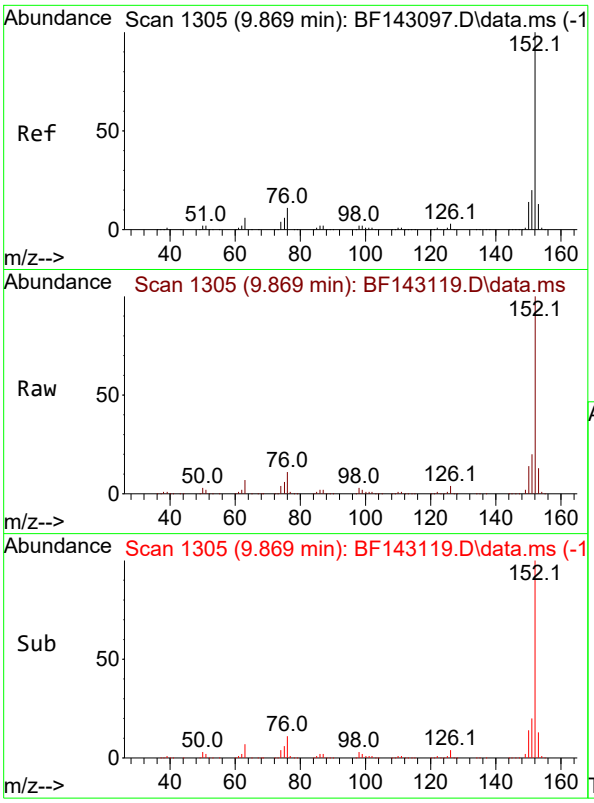


#48
2-Nitroaniline
Concen: 47.330 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion: 65 Resp: 225544

Ion	Ratio	Lower	Upper
65	100		
92	65.4	51.3	76.9
138	102.3	77.8	116.6



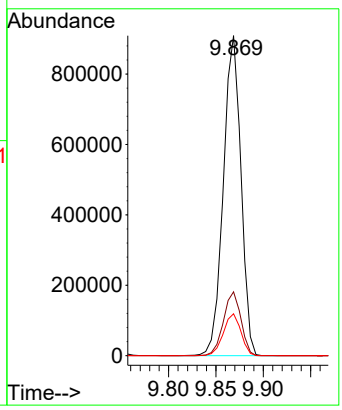


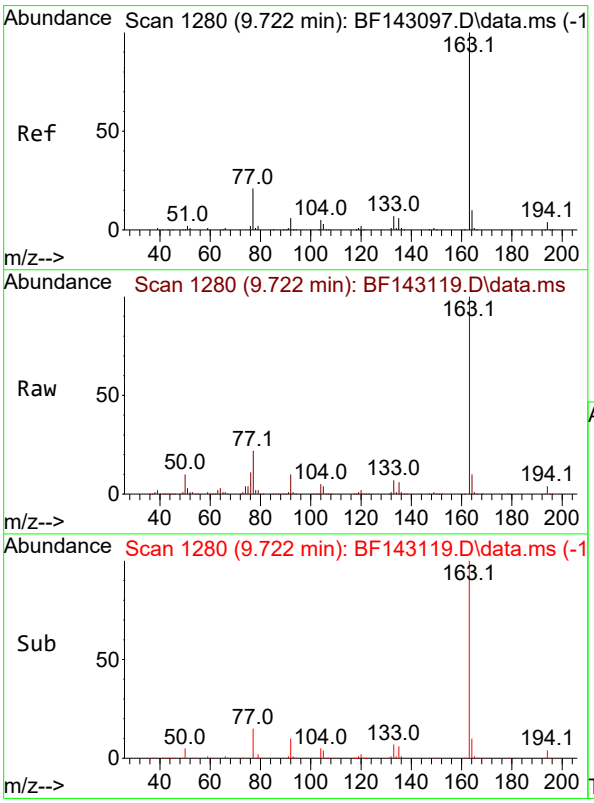
#49
Acenaphthylene
Concen: 44.234 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:152 Resp: 1177621

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.1	10.4	15.6

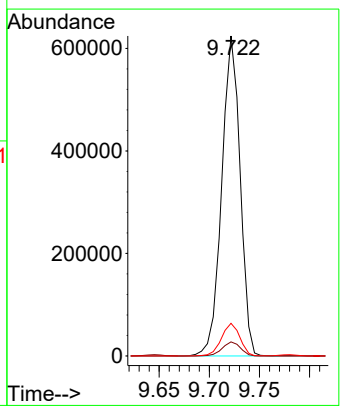


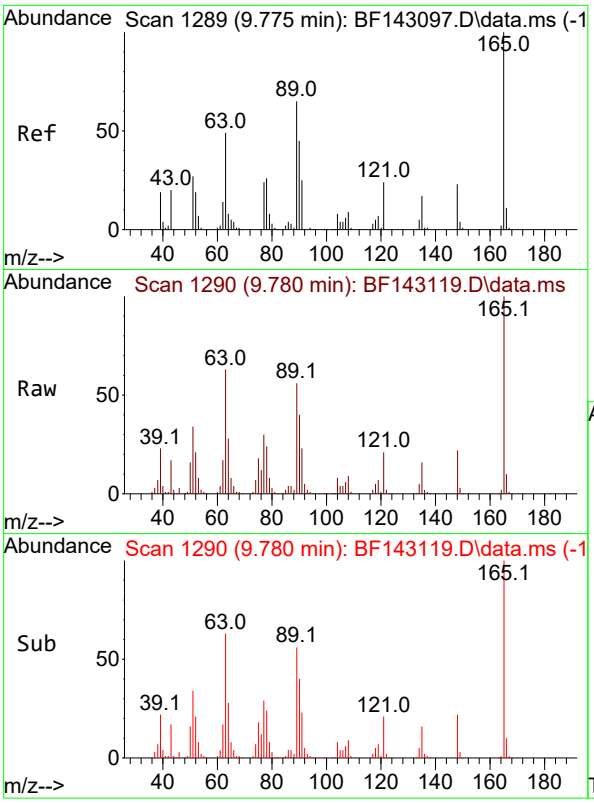


#50
Dimethylphthalate
Concen: 46.366 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:163 Resp: 795480

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



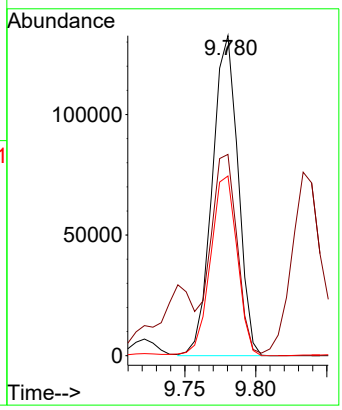


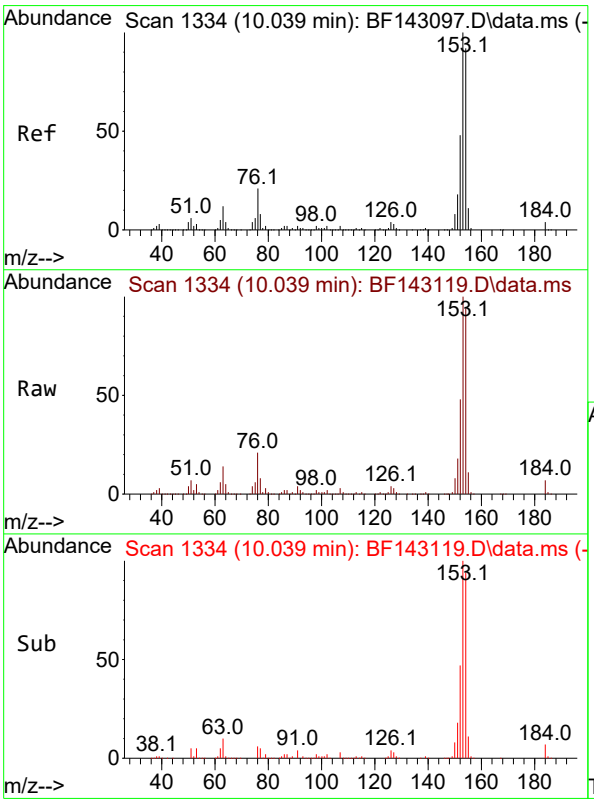
#51
2,6-Dinitrotoluene
Concen: 49.431 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:165 Resp: 167878

Ion	Ratio	Lower	Upper
165	100		
63	62.9	57.4	86.0
89	56.1	51.8	77.8

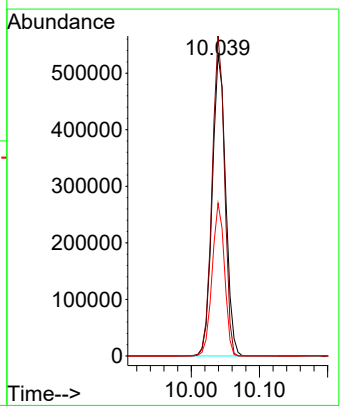


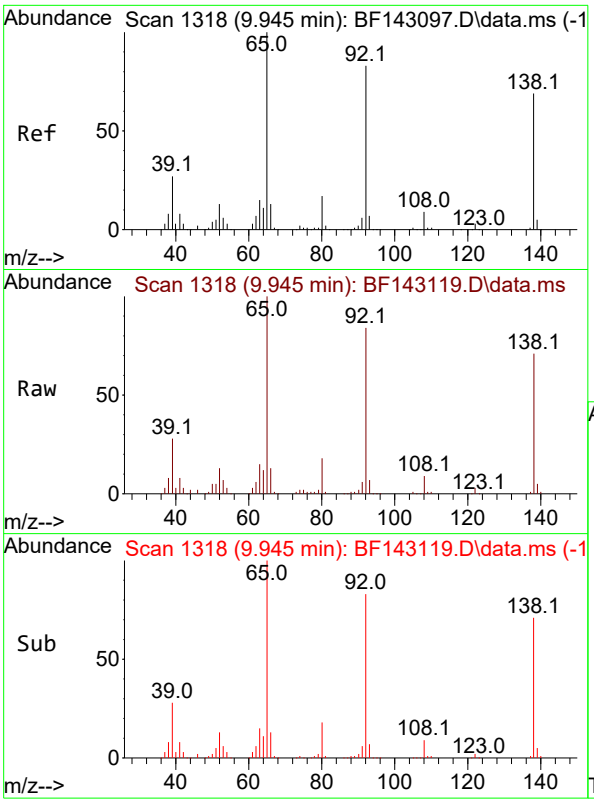


#52
Acenaphthene
Concen: 46.377 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:154 Resp: 728594

Ion	Ratio	Lower	Upper
154	100		
153	106.1	86.7	130.1
152	50.7	41.4	62.2



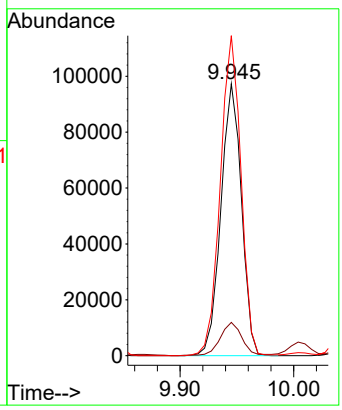


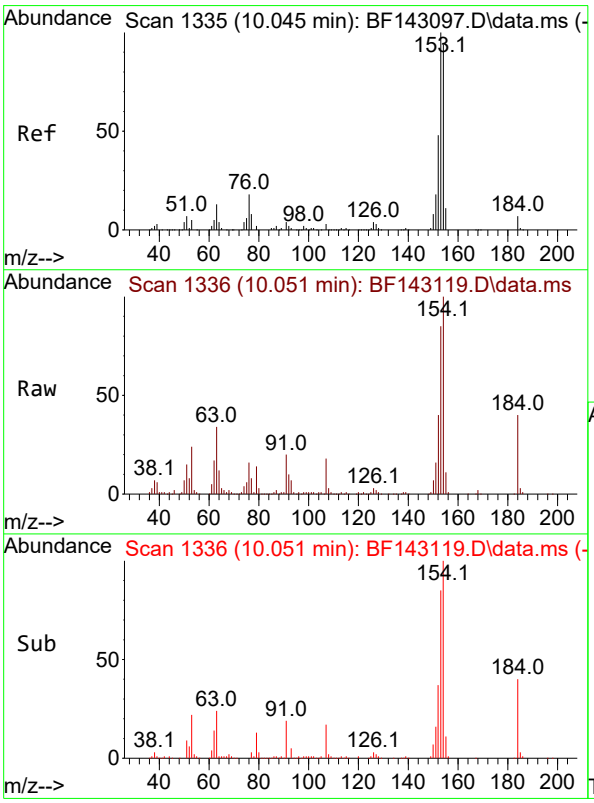
#53
3-Nitroaniline
Concen: 33.024 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:138 Resp: 122425

Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.1	15.1
92	117.7	96.4	144.6

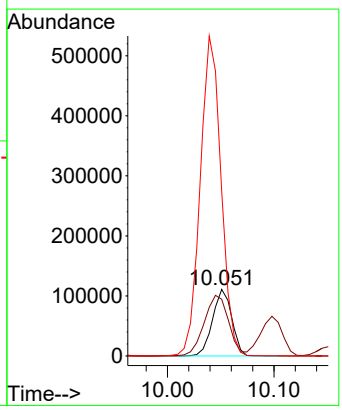


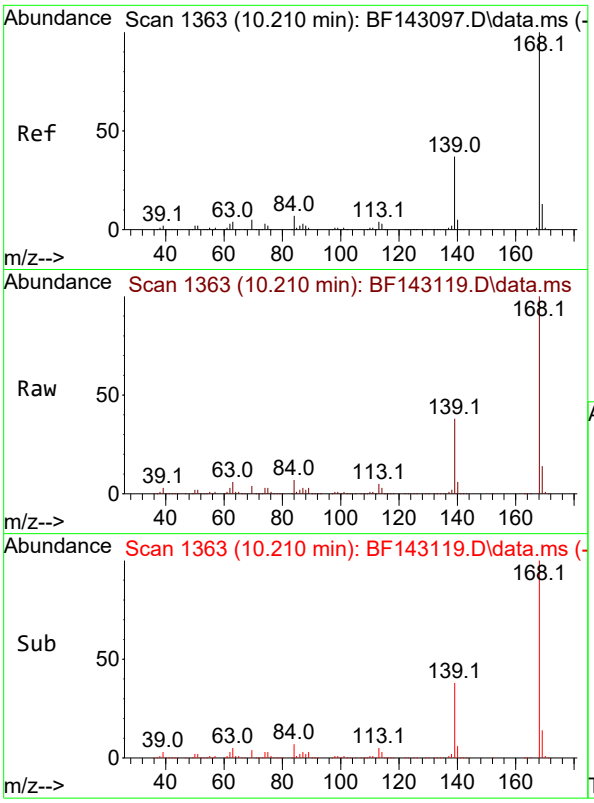


#54
2,4-Dinitrophenol
Concen: 95.178 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:184 Resp: 138899

Ion	Ratio	Lower	Upper
184	100		
63	85.3	149.3	223.9#
154	247.3	1048.0	1572.0#



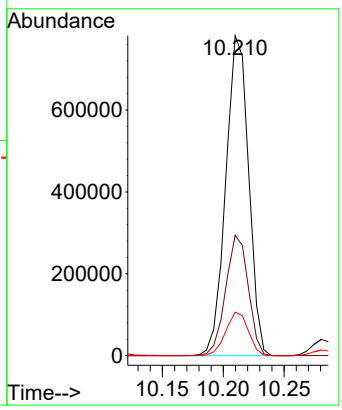


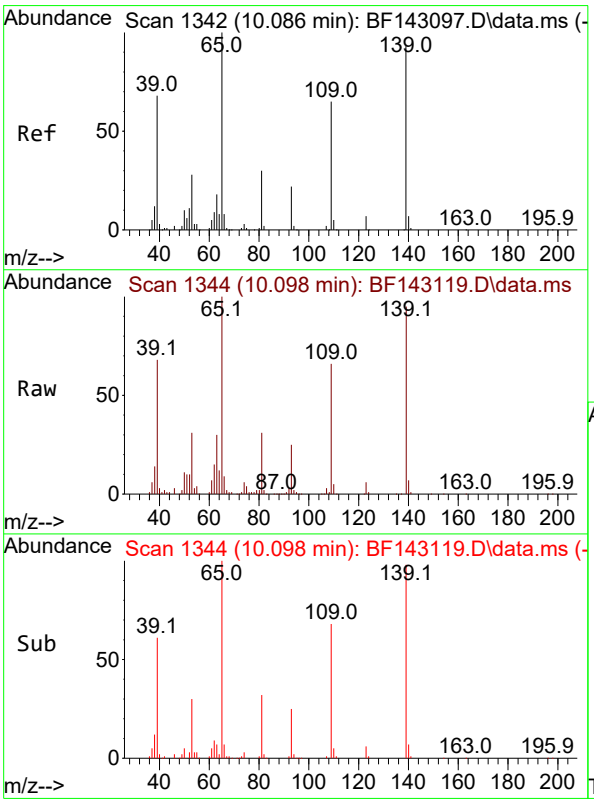
#55
Dibenzofuran
Concen: 43.605 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:168 Resp: 1021074

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.6	10.8	16.2

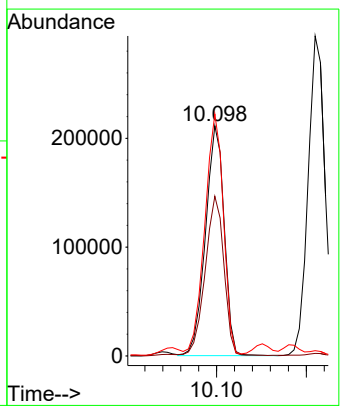


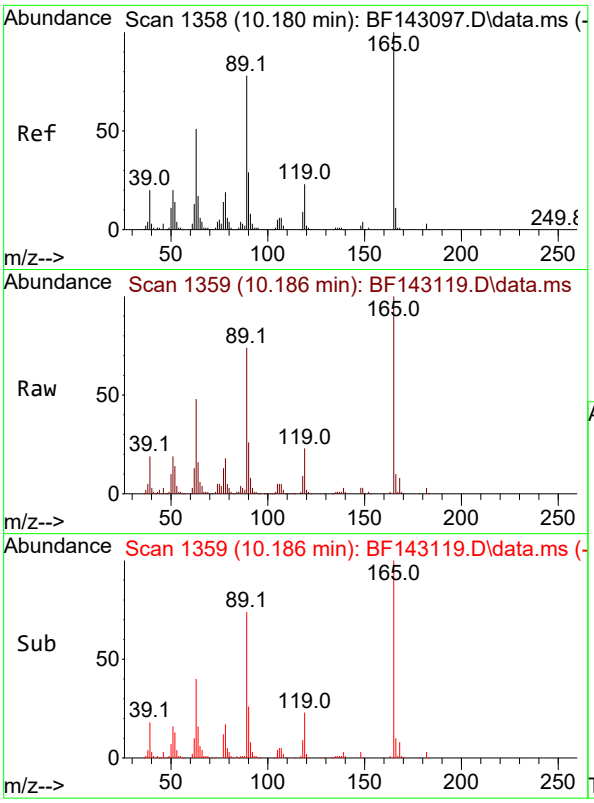


#56
4-Nitrophenol
Concen: 103.438 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:139 Resp: 304758

Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.4	89.4
65	105.1	88.2	128.2



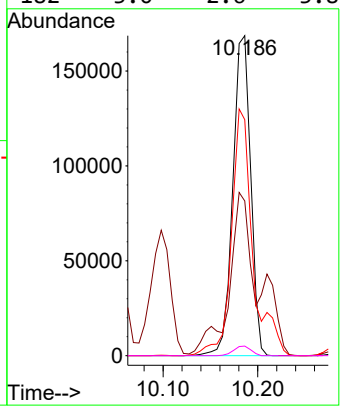


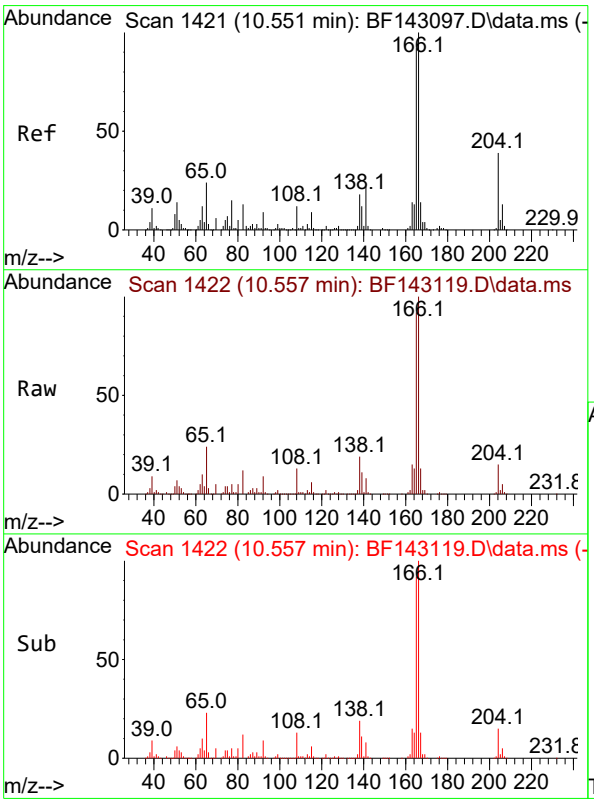
#57
2,4-Dinitrotoluene
Concen: 51.817 ng
RT: 10.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:165 Resp: 220603

Ion	Ratio	Lower	Upper
165	100		
63	48.4	40.6	61.0
89	73.8	62.3	93.5
182	3.0	2.6	3.8

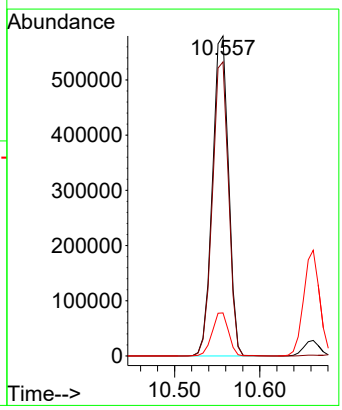


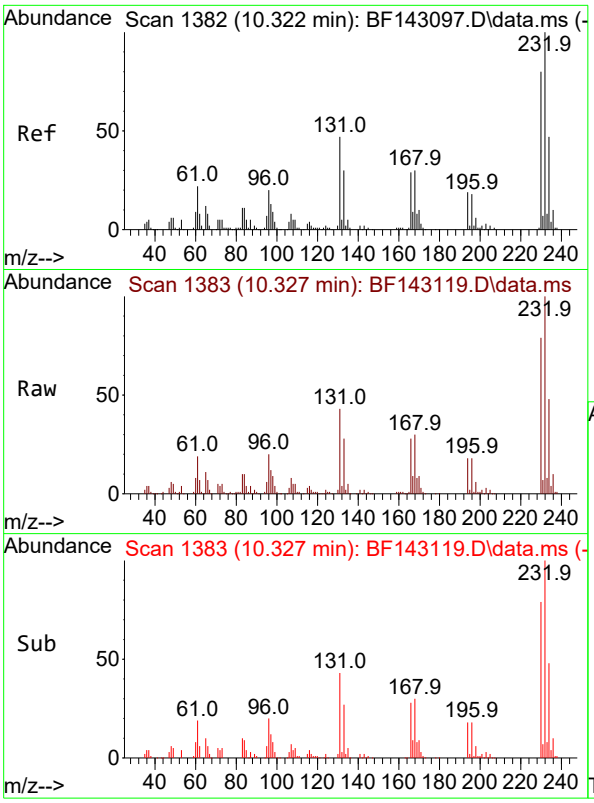


#58
Fluorene
Concen: 43.372 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:166 Resp: 761445

Ion	Ratio	Lower	Upper
166	100		
165	91.9	73.7	110.5
167	13.5	10.9	16.3



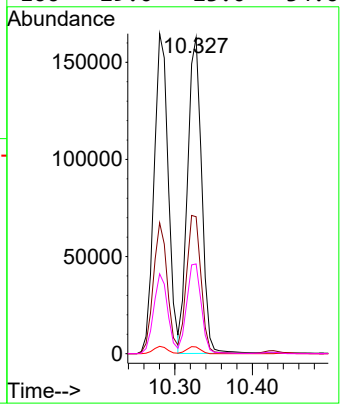


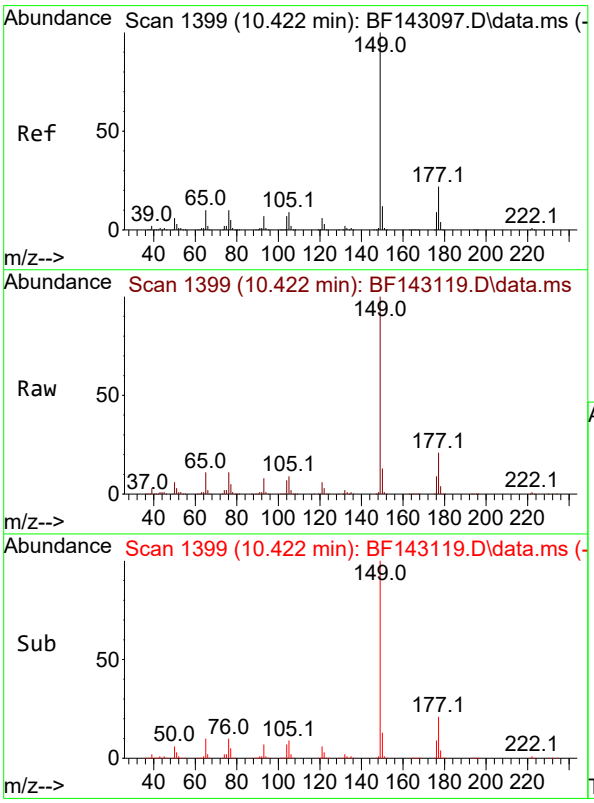
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.983 ng
RT: 10.327 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:232 Resp: 205668

Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.9	55.3
130	2.2	1.8	2.8
166	29.0	23.0	34.6

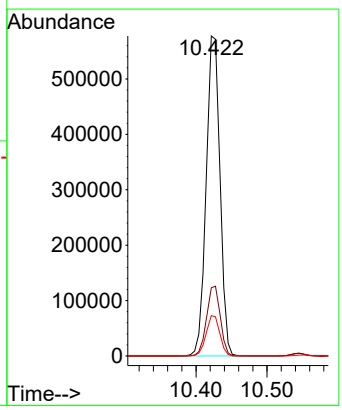


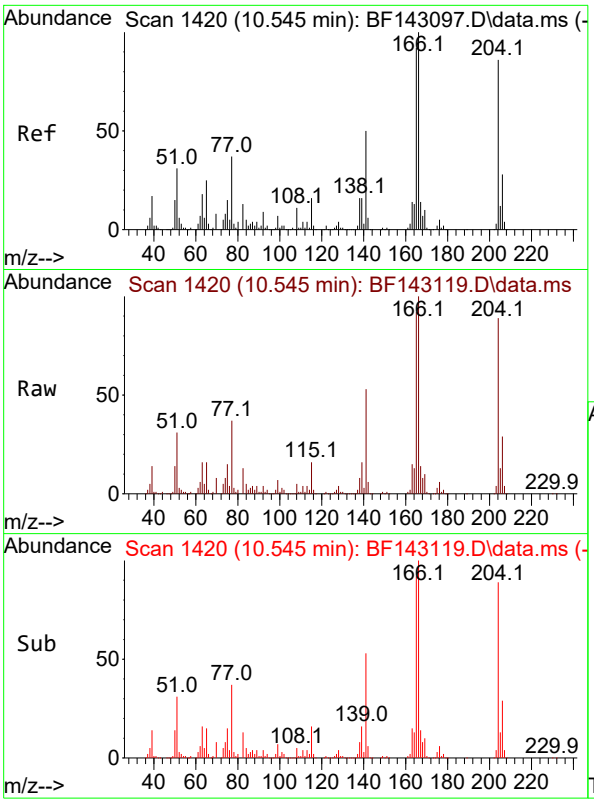


#60
Diethylphthalate
Concen: 47.359 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:149 Resp: 783892

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.3	25.9
150	12.6	9.9	14.9



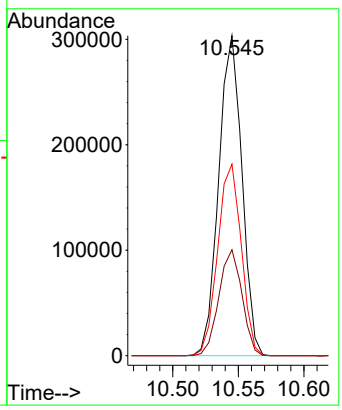


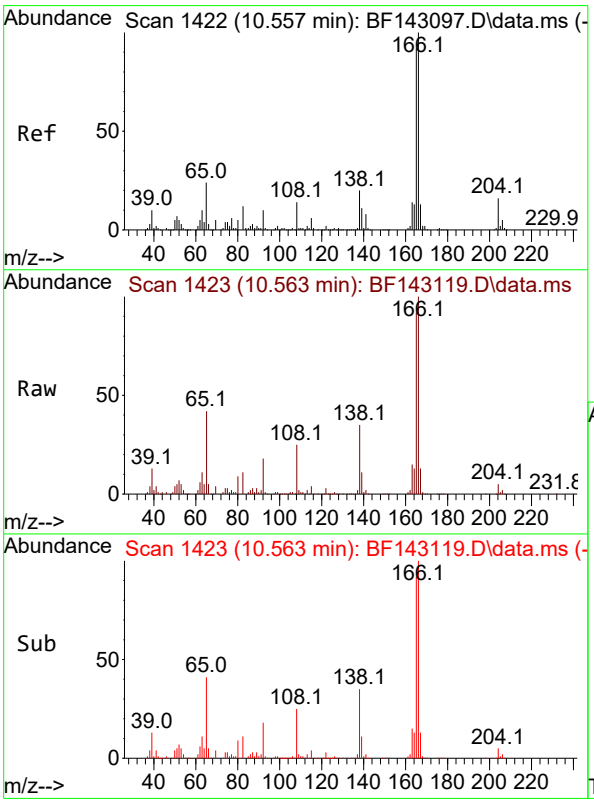
#61
4-Chlorophenyl-phenylether
Concen: 44.374 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:204 Resp: 373382

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	59.8	46.8	70.2

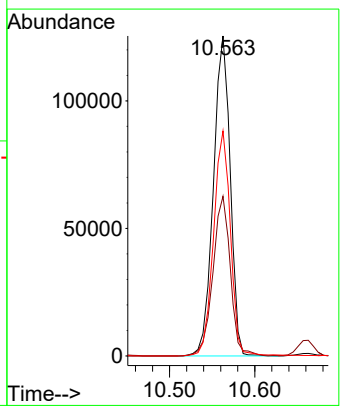


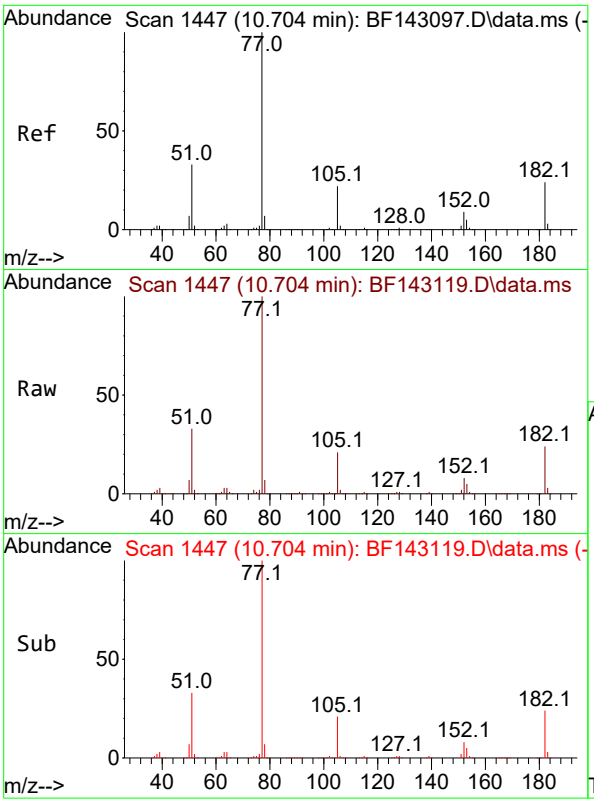


#62
4-Nitroaniline
Concen: 53.355 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:138 Resp: 172008

Ion	Ratio	Lower	Upper
138	100		
92	49.9	30.4	70.4
108	70.3	49.5	89.5



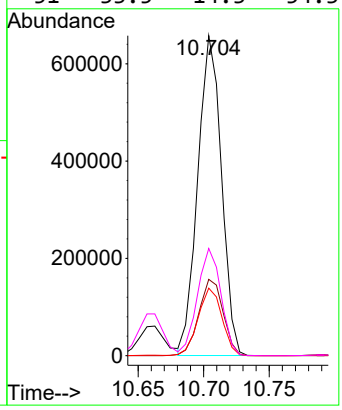


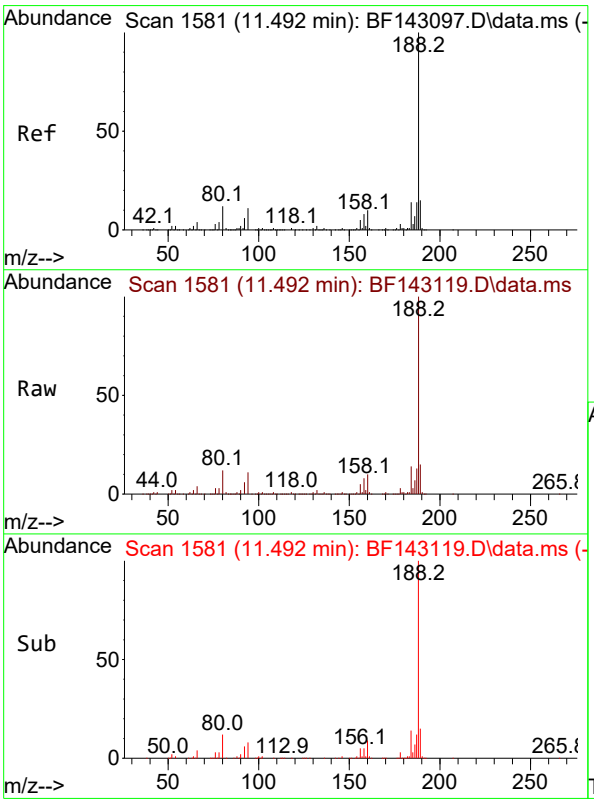
#63
Azobenzene
Concen: 45.237 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion: 77 Resp: 828090

Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.0	44.0
105	21.1	1.4	41.4
51	33.5	14.3	54.3

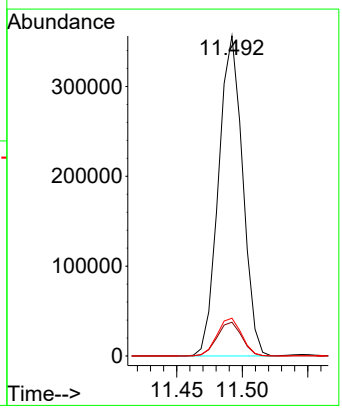


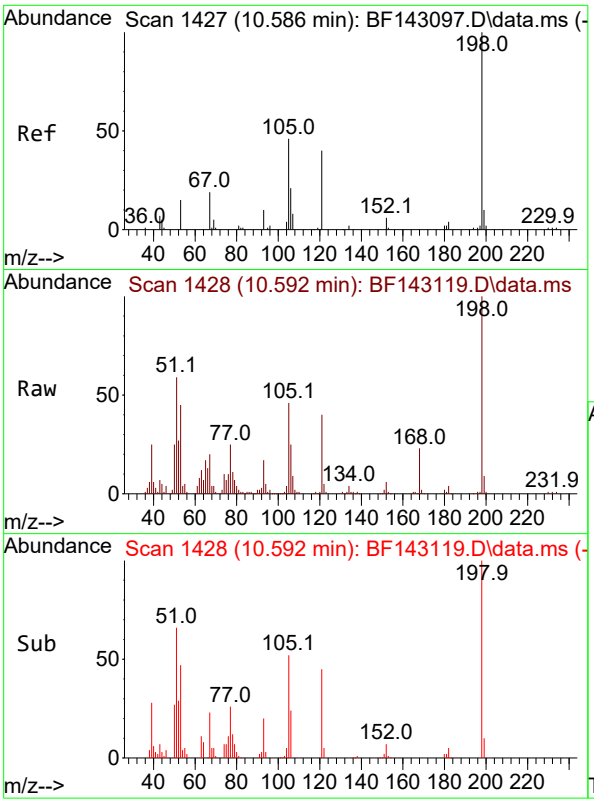


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:188 Resp: 455589

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.8	9.3	13.9



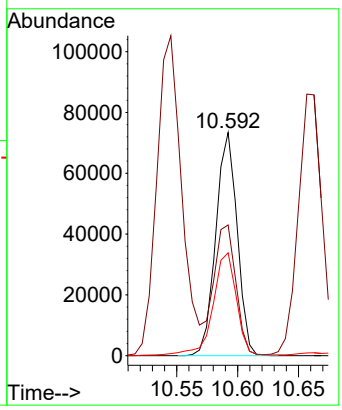


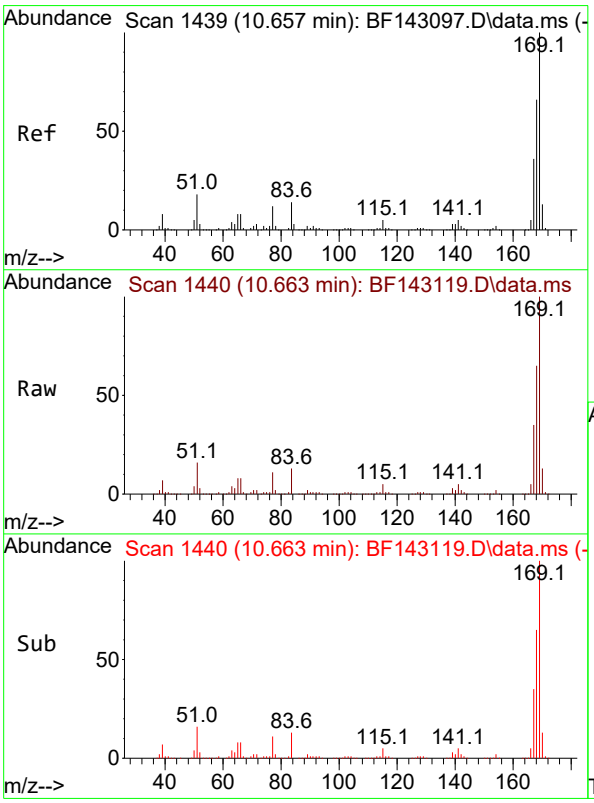
#65
4,6-Dinitro-2-methylphenol
Concen: 51.397 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:198 Resp: 89451

Ion	Ratio	Lower	Upper
198	100		
51	58.6	44.6	84.6
105	46.1	29.3	69.3

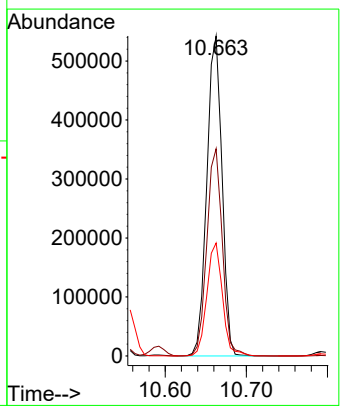


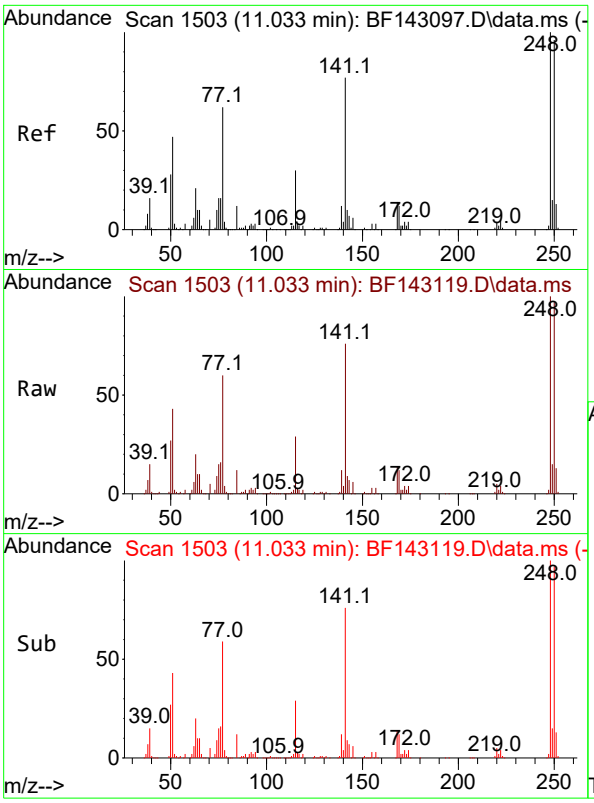


#66
n-Nitrosodiphenylamine
Concen: 43.865 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:169 Resp: 701985

Ion	Ratio	Lower	Upper
169	100		
168	64.7	53.0	79.6
167	35.3	28.4	42.6



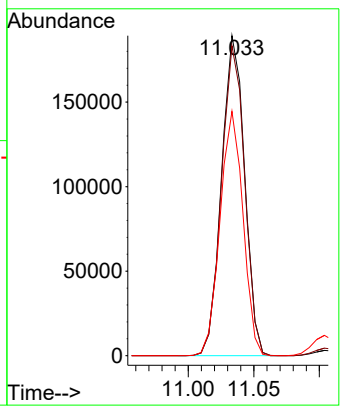


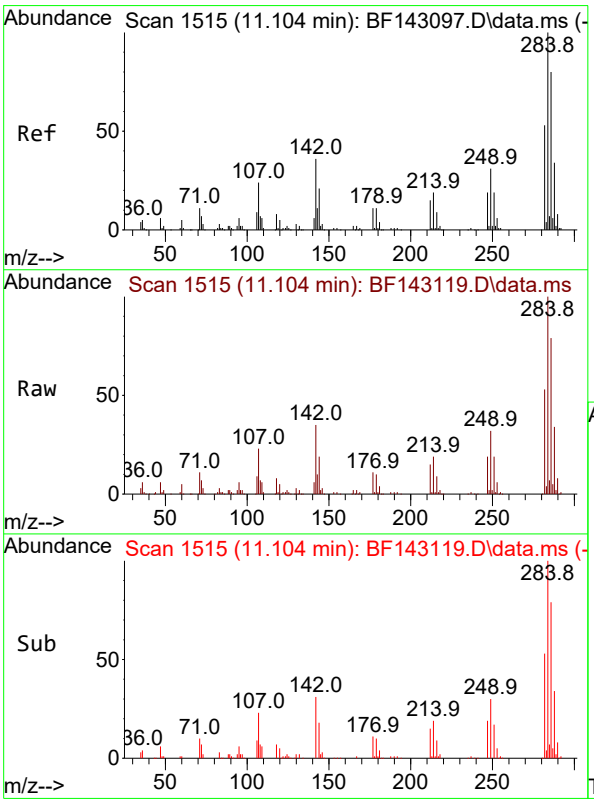
#67
4-Bromophenyl-phenylether
Concen: 44.700 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:248 Resp: 231595

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	76.4	61.7	92.5

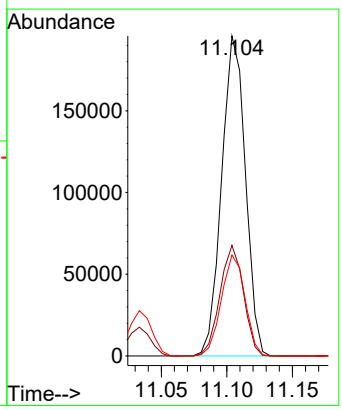


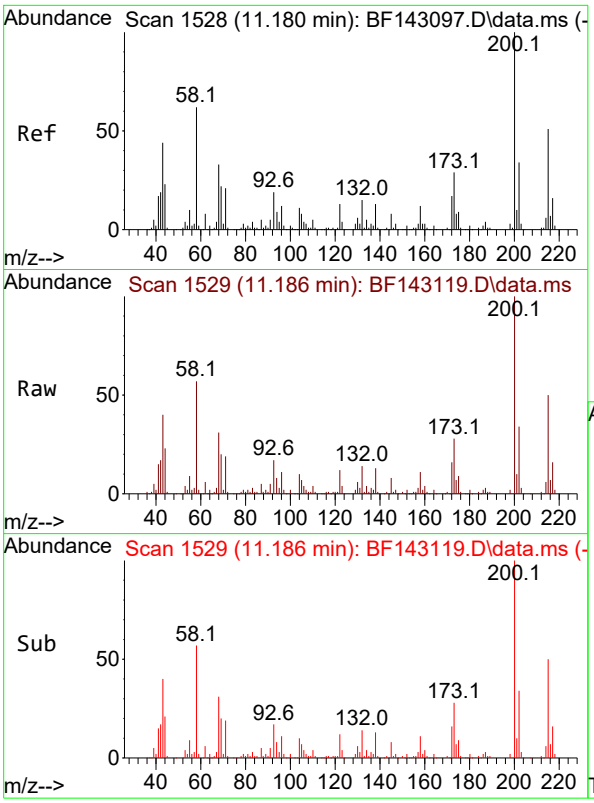


#68
Hexachlorobenzene
Concen: 44.848 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:284 Resp: 246543

Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.9	43.3
249	31.5	24.6	37.0



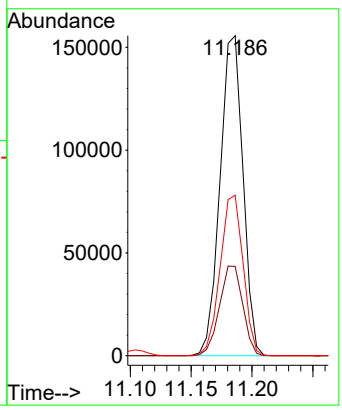


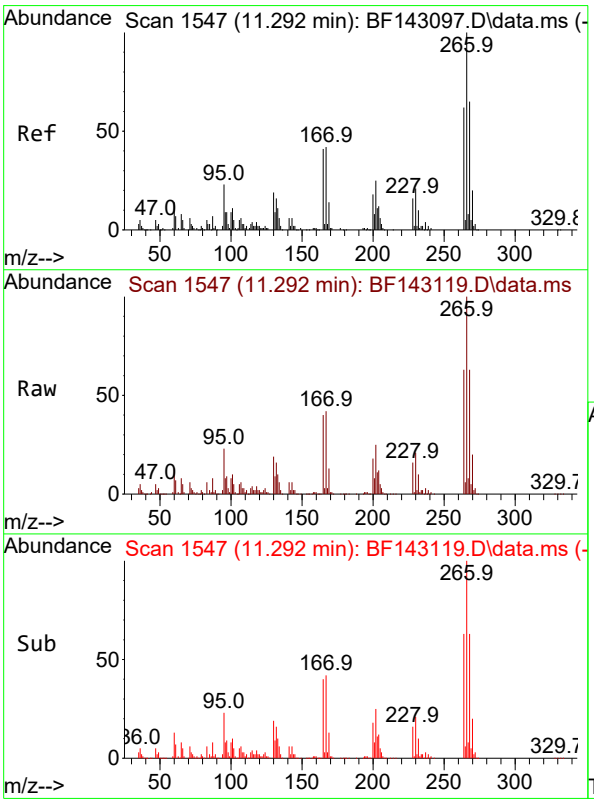
#69
Atrazine
Concen: 49.918 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:200 Resp: 204382

Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.1	49.1
215	50.2	31.0	71.0

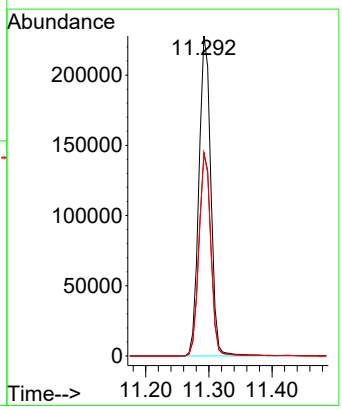


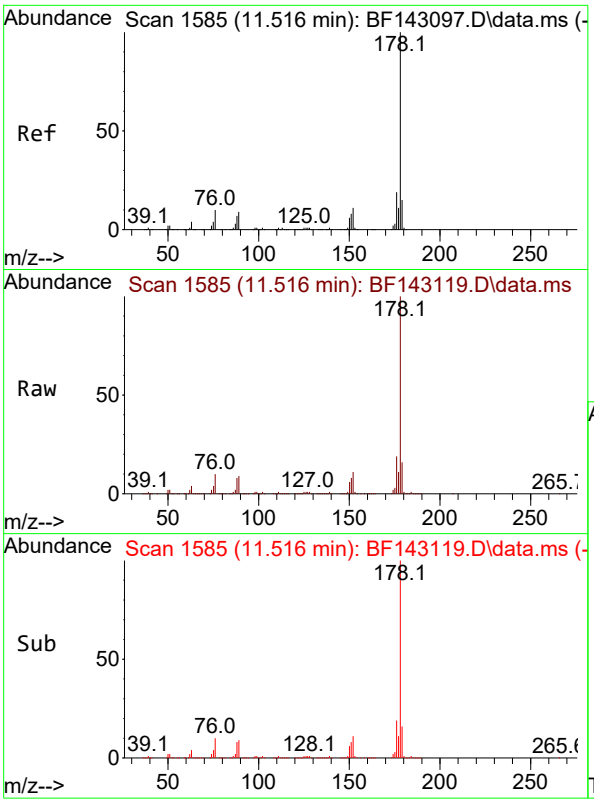


#70
Pentachlorophenol
Concen: 98.656 ng
RT: 11.292 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:266 Resp: 297551

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.8	77.6
264	63.2	49.7	74.5



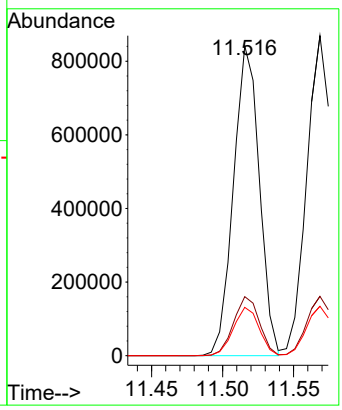


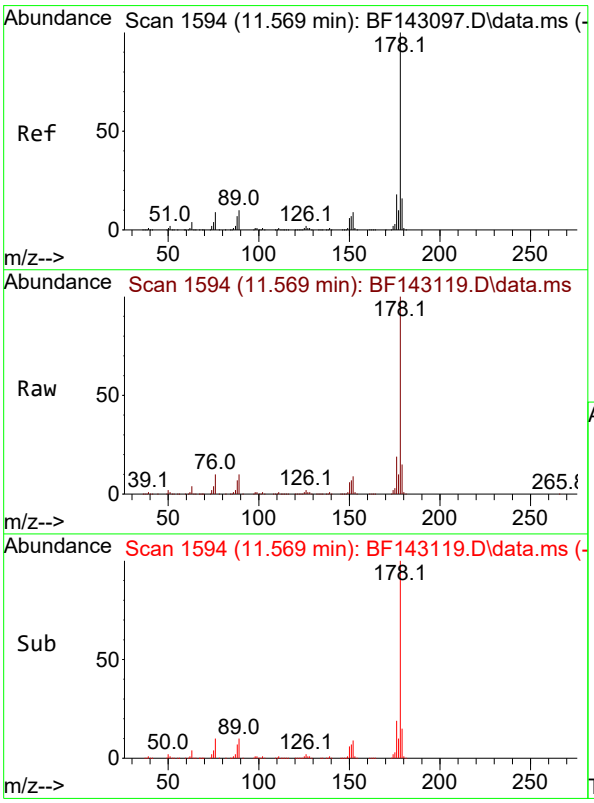
#71
Phenanthrene
Concen: 43.378 ng
RT: 11.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:178 Resp: 1066550

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.6	12.2	18.4

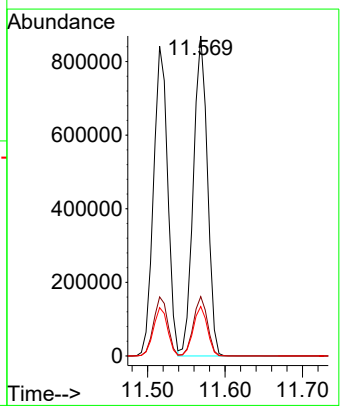


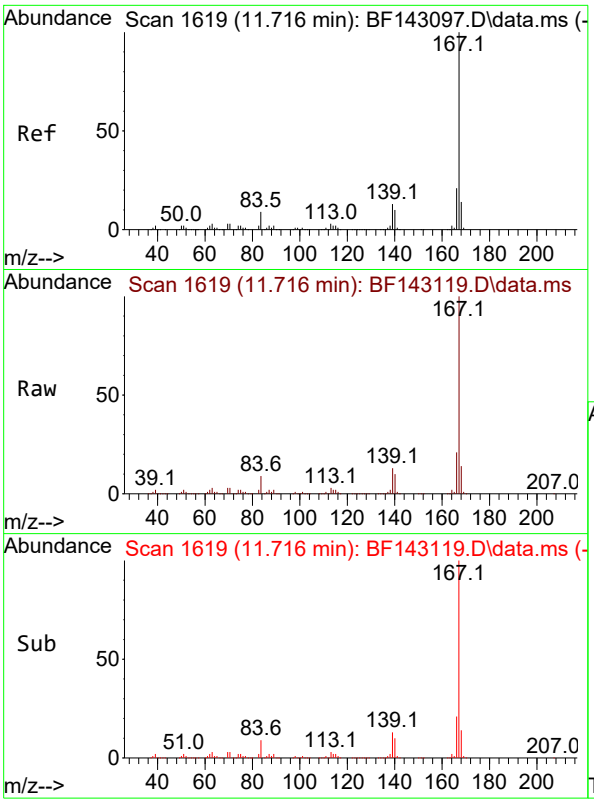


#72
Anthracene
Concen: 44.187 ng
RT: 11.569 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:178 Resp: 1092533

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.4	12.4	18.6



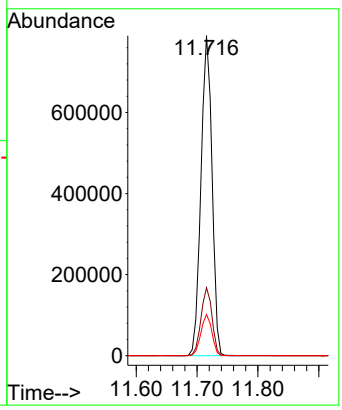


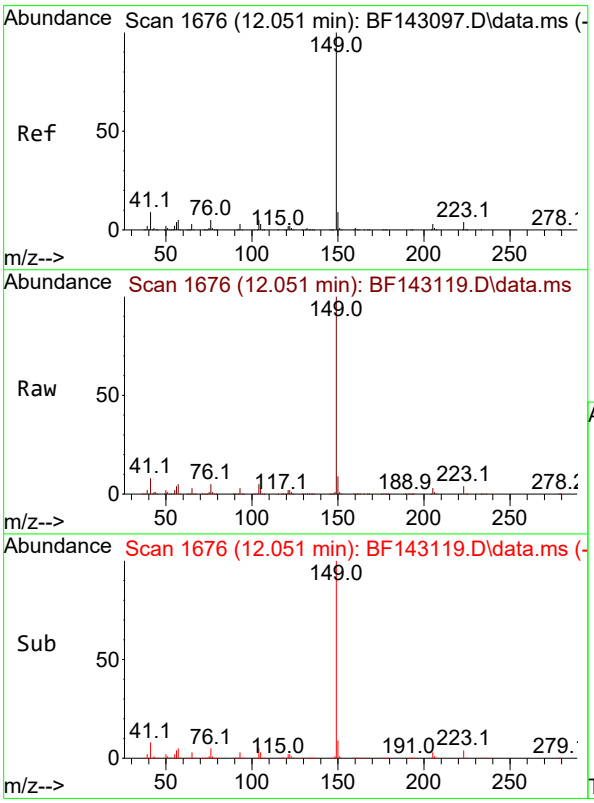
#73
Carbazole
Concen: 44.870 ng
RT: 11.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:167 Resp: 993920

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.8	10.2	15.4

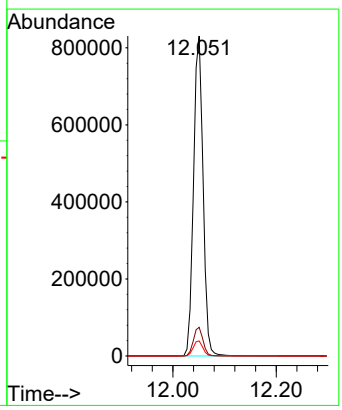


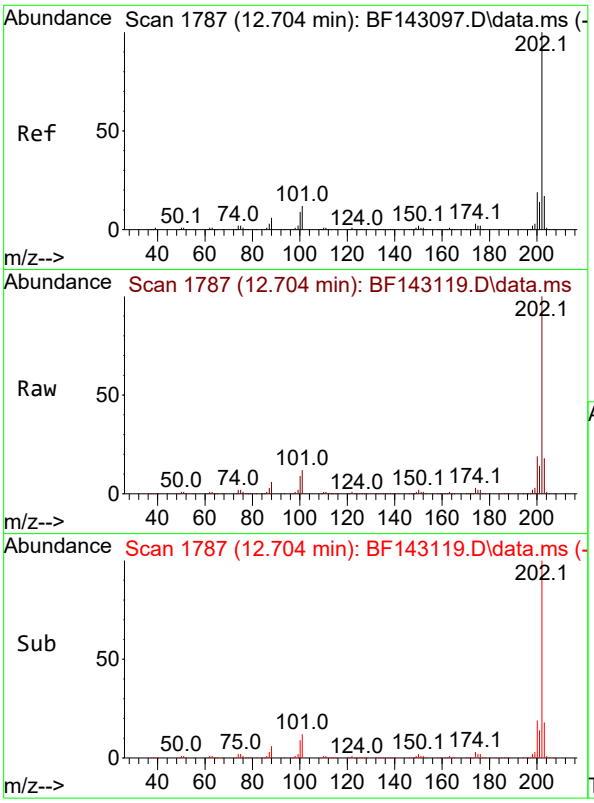


#74
Di-n-butylphthalate
Concen: 52.154 ng
RT: 12.051 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:149 Resp: 1060422

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.7	3.8	5.8



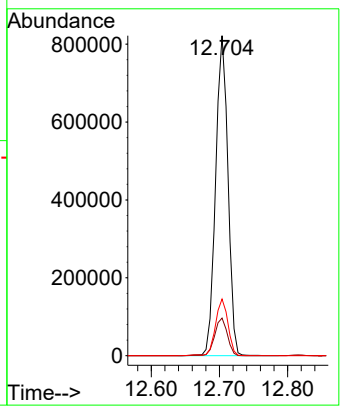


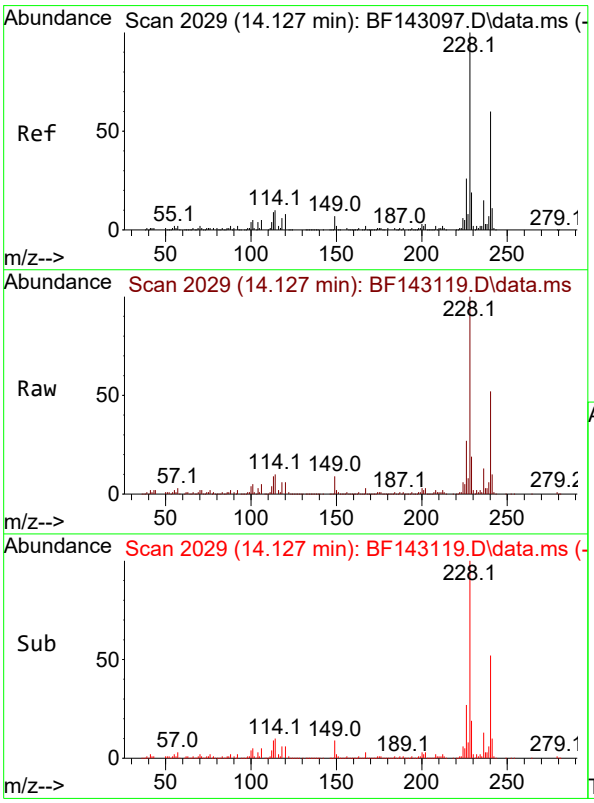
#75
Fluoranthene
Concen: 46.322 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:202 Resp: 1035606

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
203	17.7	0.0	37.4

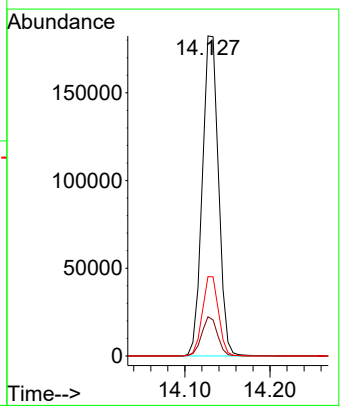


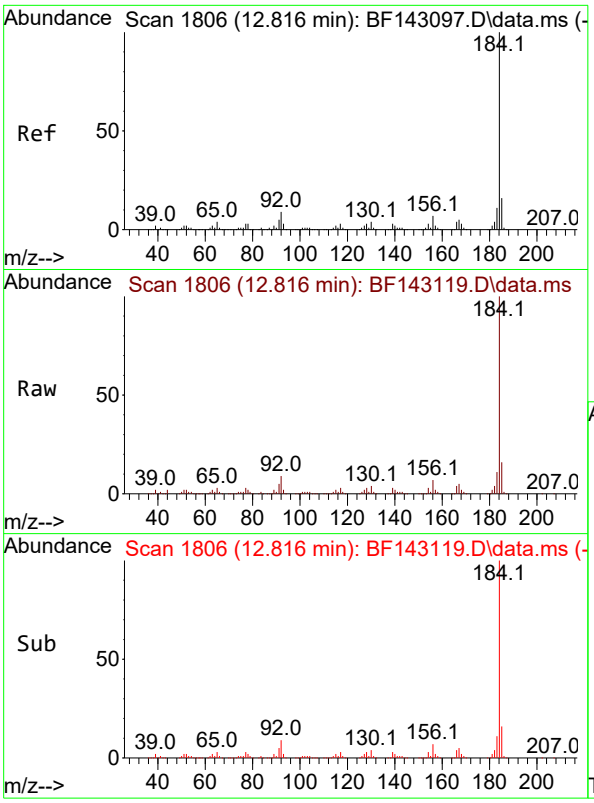


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:240 Resp: 240950

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.0	15.0
236	24.8	20.0	30.0



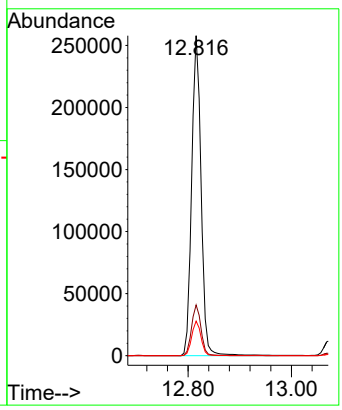


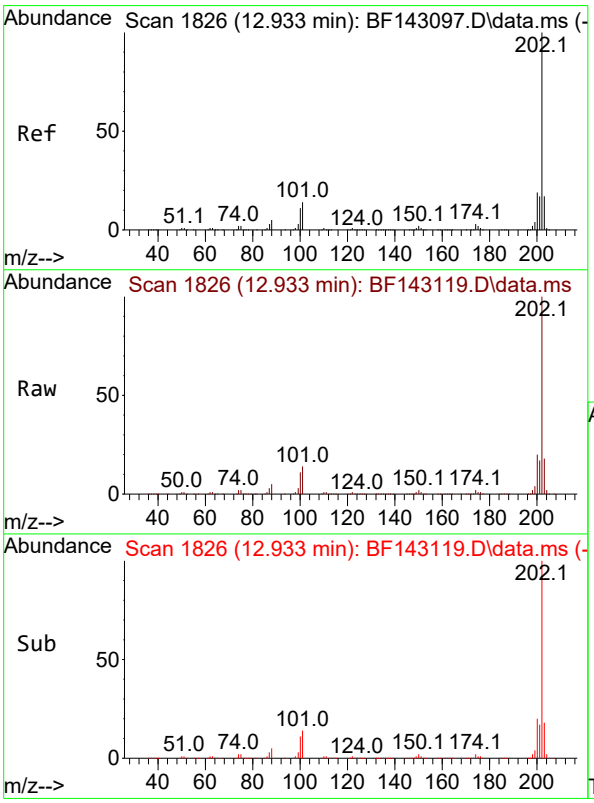
#77
Benzidine
Concen: 39.709 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:184 Resp: 325967

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.4	18.6
183	10.8	8.6	12.8

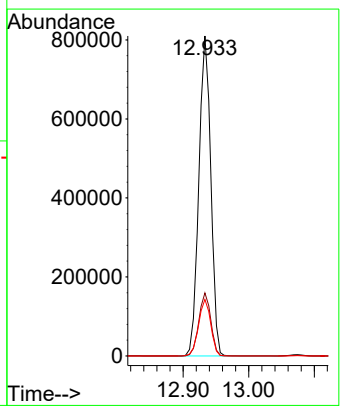


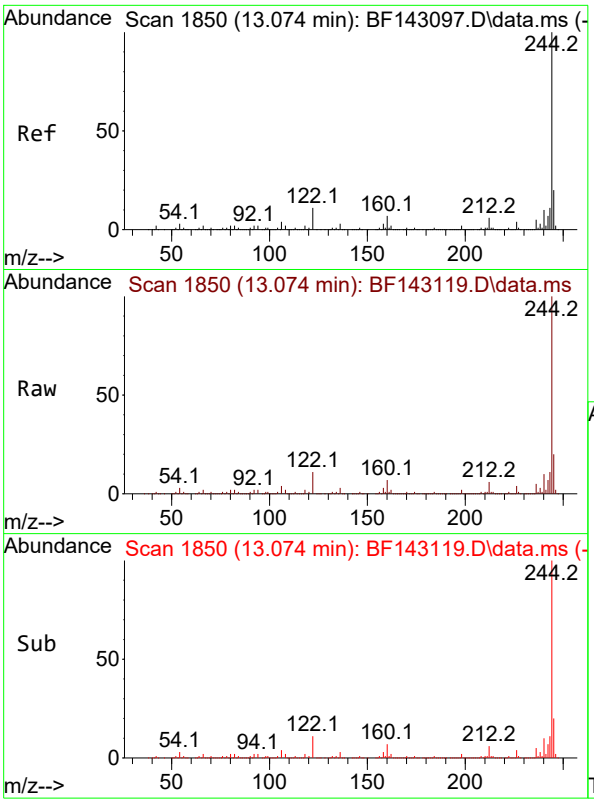


#78
Pyrene
Concen: 46.068 ng
RT: 12.933 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:202 Resp: 1029906

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.5	23.3
203	17.7	14.0	21.0



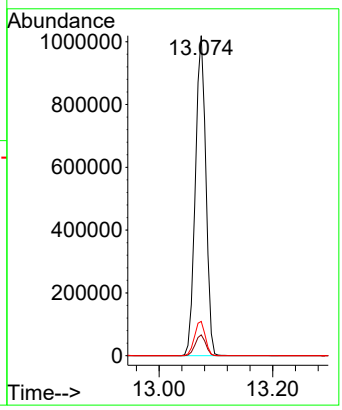


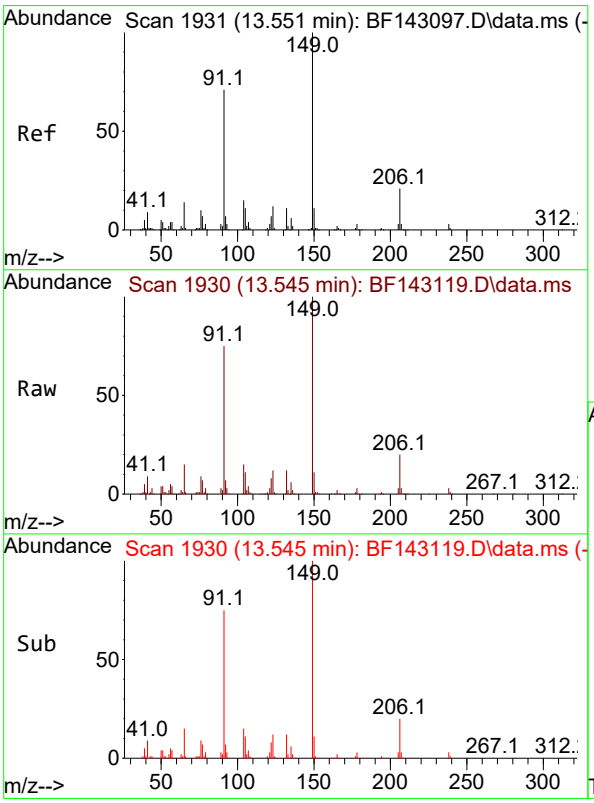
#79
Terphenyl-d14
Concen: 79.690 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:244 Resp: 1313530

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.7	8.8	13.2

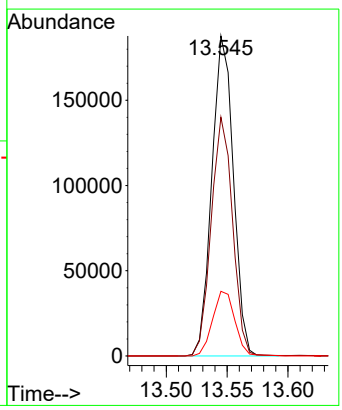


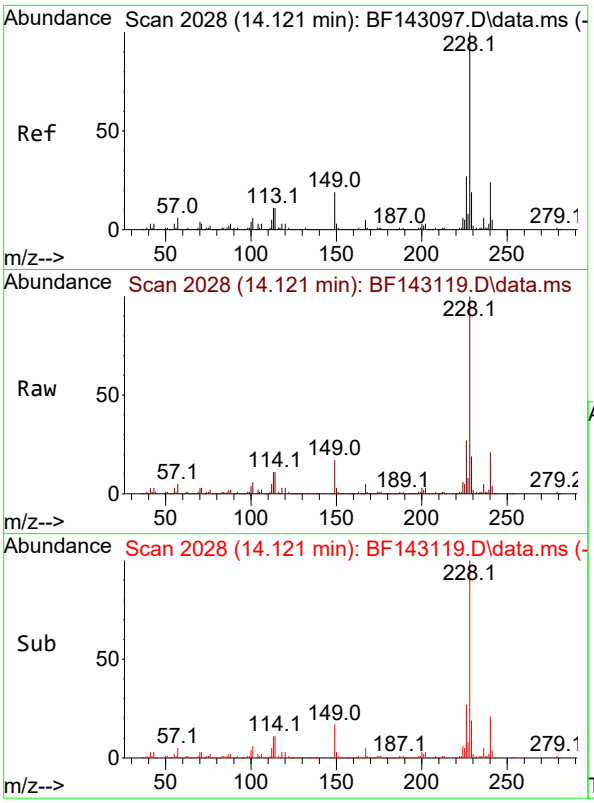


#80
Butylbenzylphthalate
Concen: 51.234 ng
RT: 13.545 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:149 Resp: 231230

Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.0	85.4
206	20.2	17.2	25.8



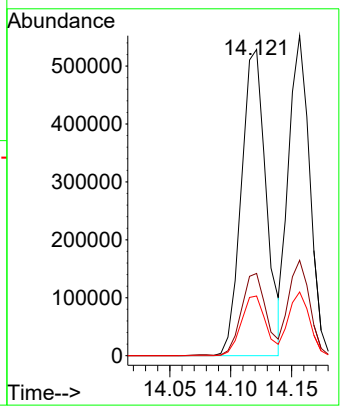


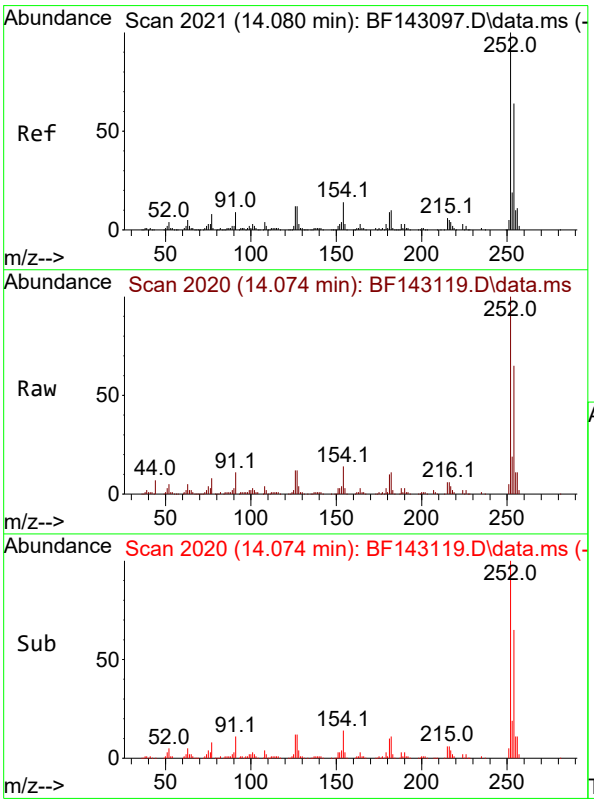
#81
Benzo(a)anthracene
Concen: 46.787 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:228 Resp: 751216

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.5	15.5	23.3

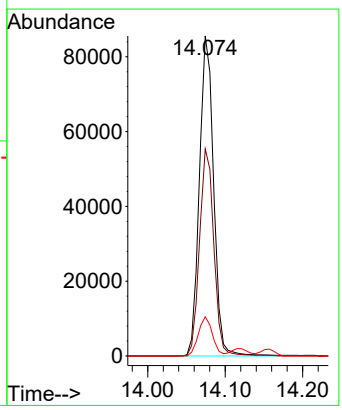


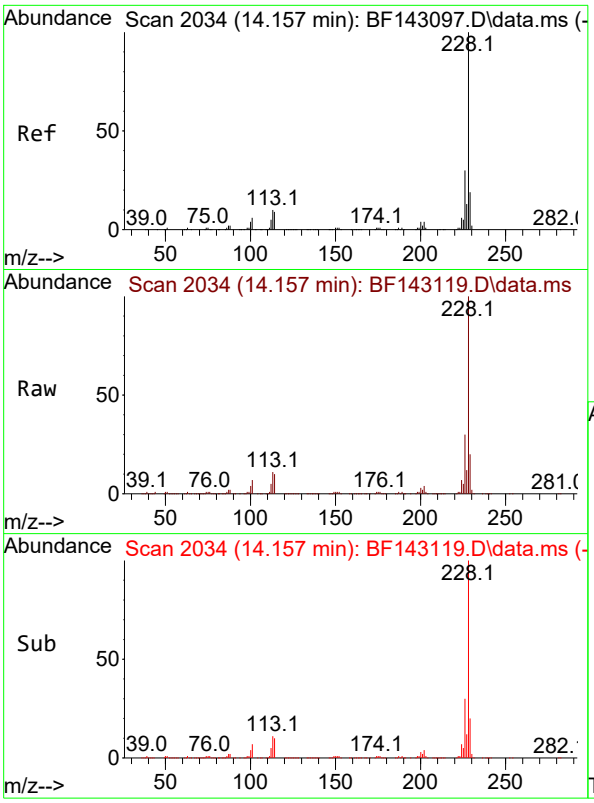


#82
3,3'-Dichlorobenzidine
Concen: 23.421 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:252 Resp: 109202

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	12.2	9.4	14.0



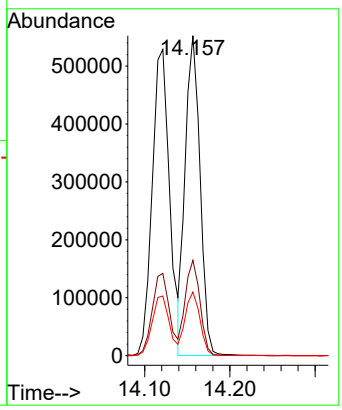


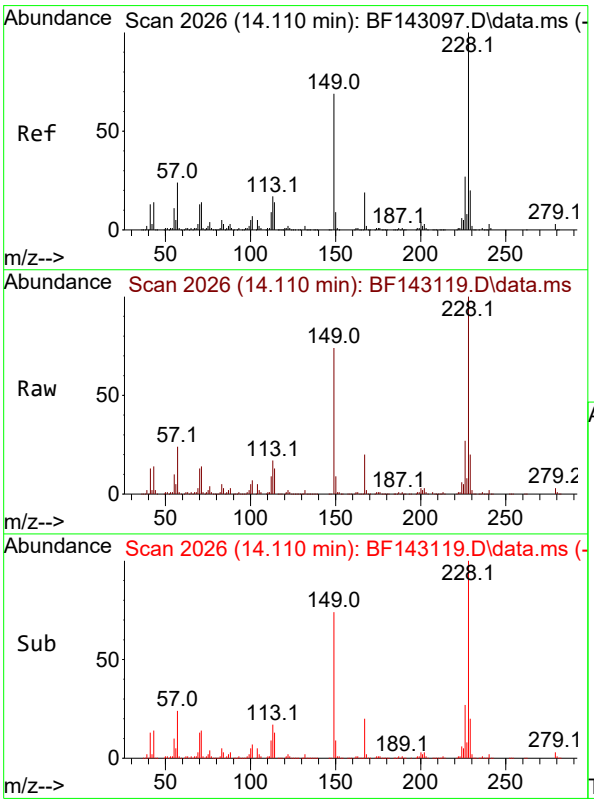
#83
Chrysene
Concen: 45.243 ng
RT: 14.157 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:228 Resp: 669052

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.9	15.3	22.9

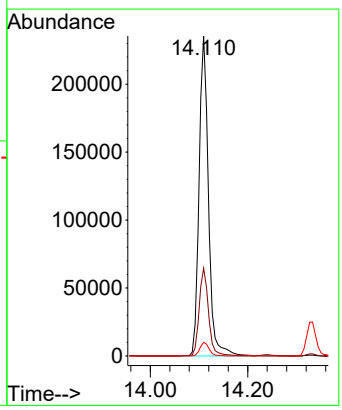


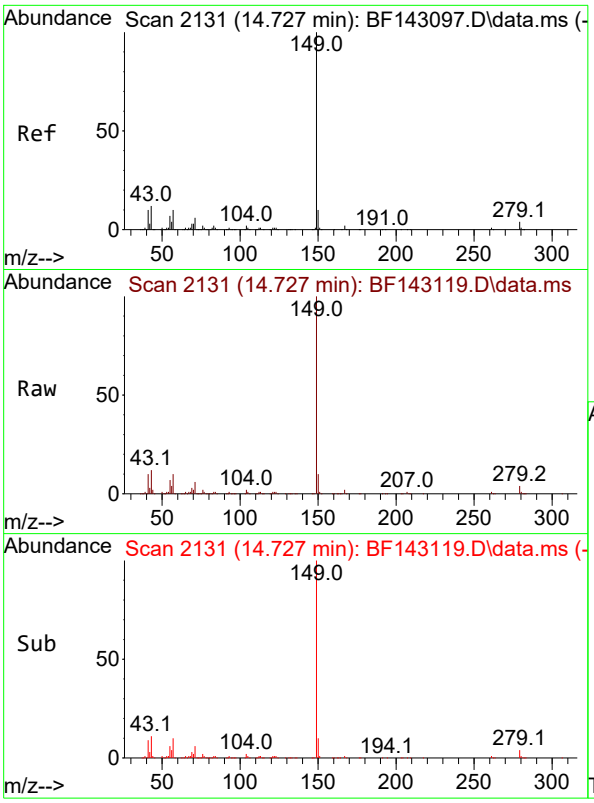


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.806 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:149 Resp: 316448

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.2	3.4	5.0



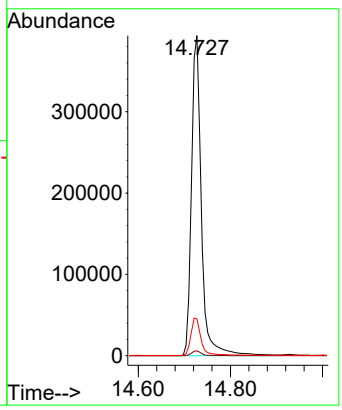


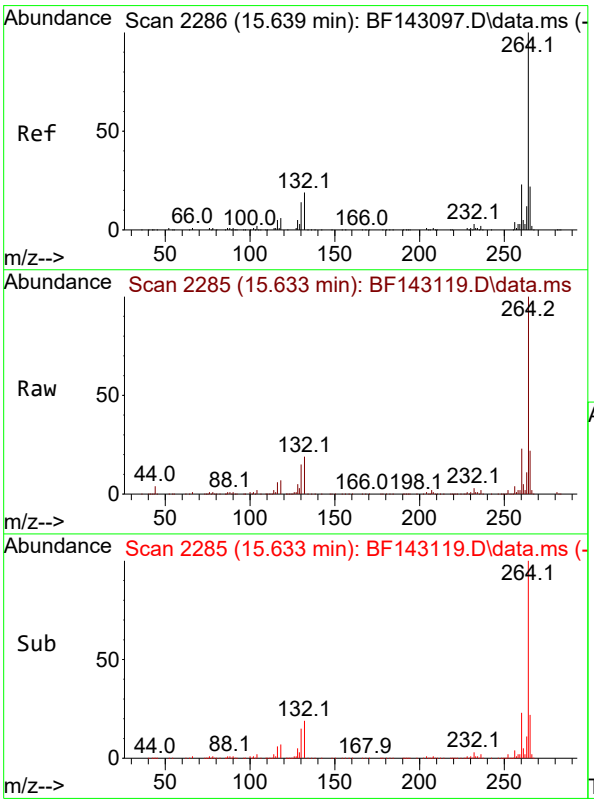
#85
Di-n-octyl phthalate
Concen: 46.090 ng
RT: 14.727 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:149 Resp: 586744

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.3	10.6	16.0

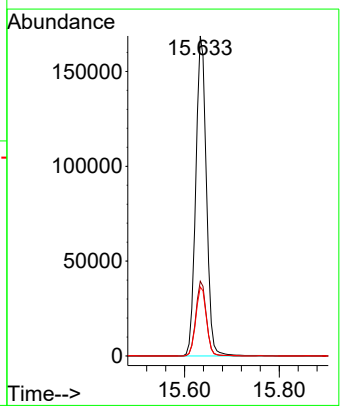


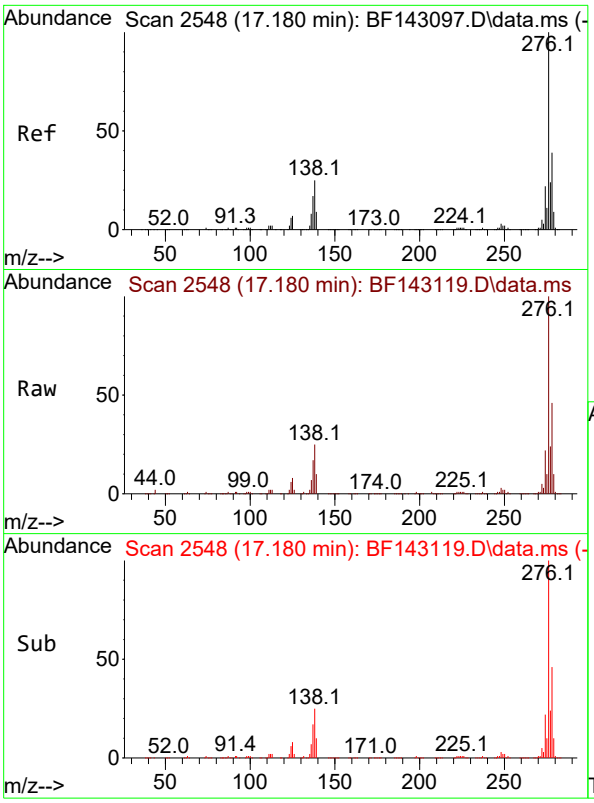


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:264 Resp: 262866

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.6	17.5	26.3



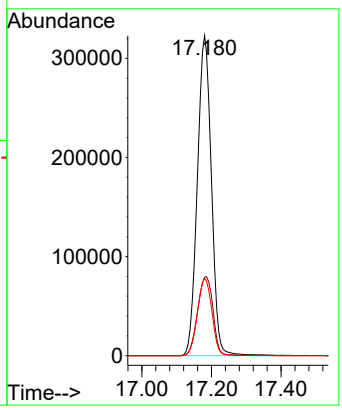


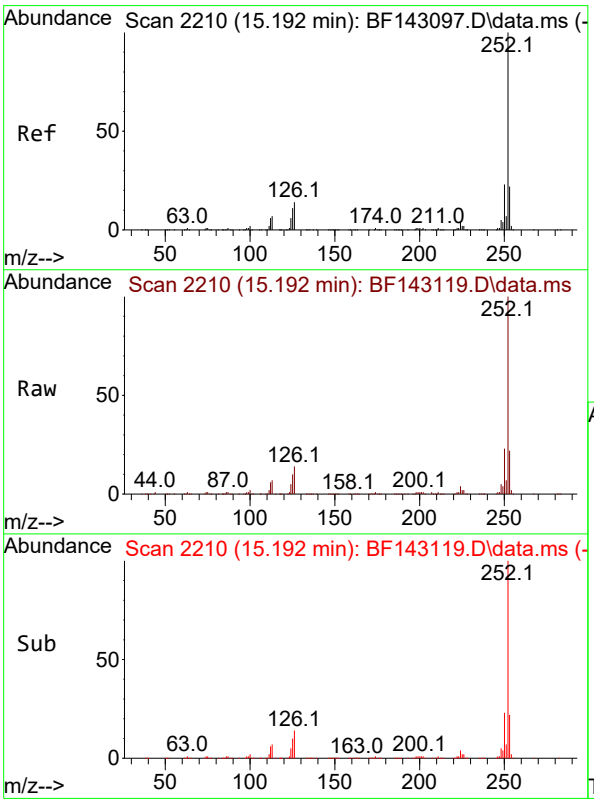
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.360 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:276 Resp: 906388

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.6	34.0
277	24.9	20.2	30.2

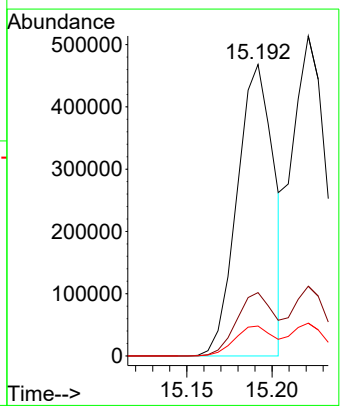


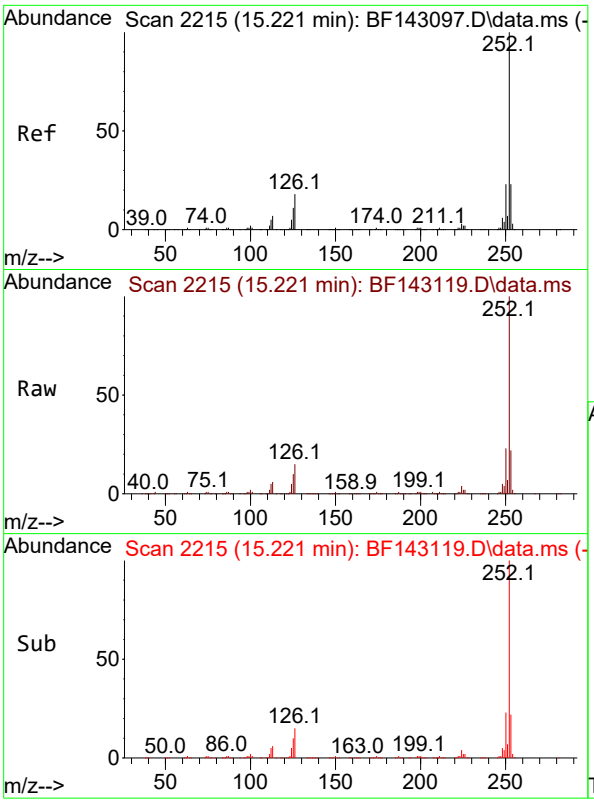


#88
Benzo(b)fluoranthene
Concen: 46.186 ng
RT: 15.192 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:252 Resp: 700298

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	8.6	13.0



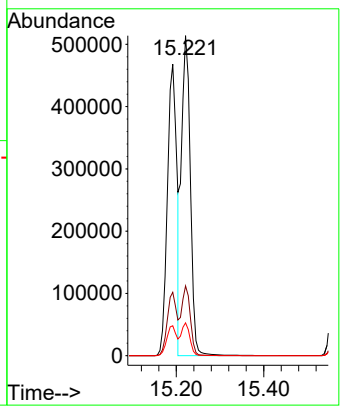


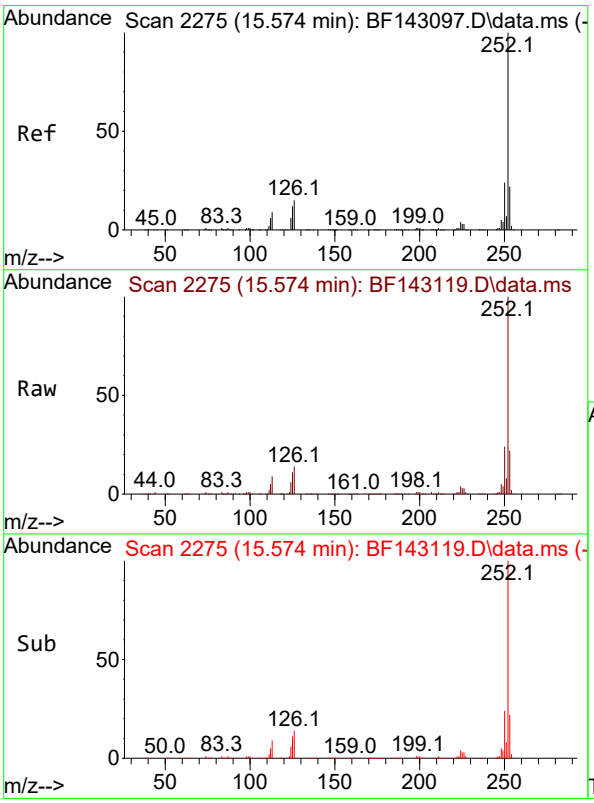
#89
Benzo(k)fluoranthene
Concen: 50.075 ng
RT: 15.221 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:252 Resp: 724358

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.2	8.5	12.7

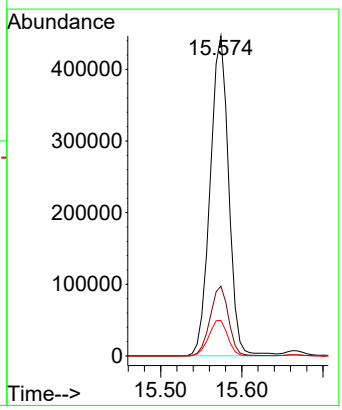


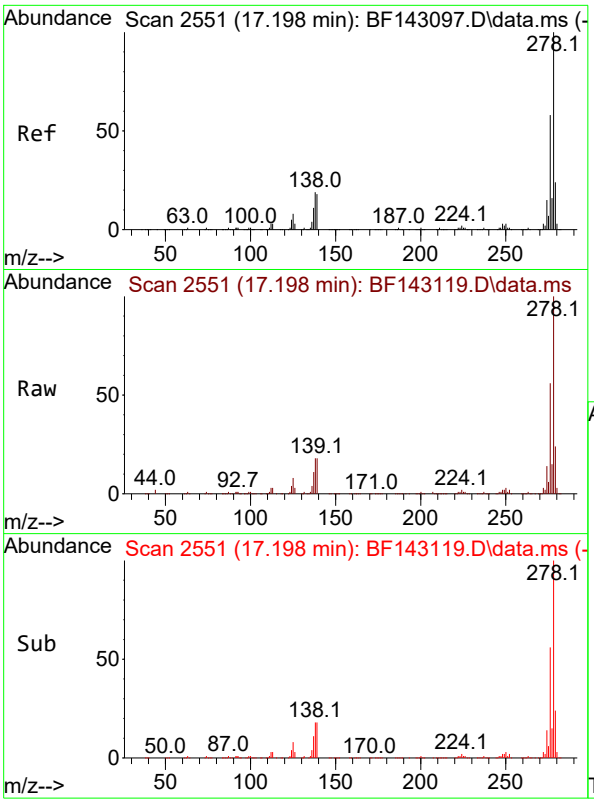


#90
Benzo(a)pyrene
Concen: 49.251 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:252 Resp: 706283

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.1	9.4	14.0



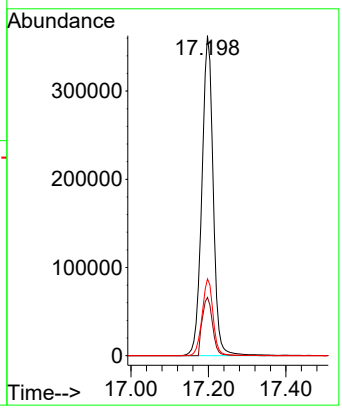


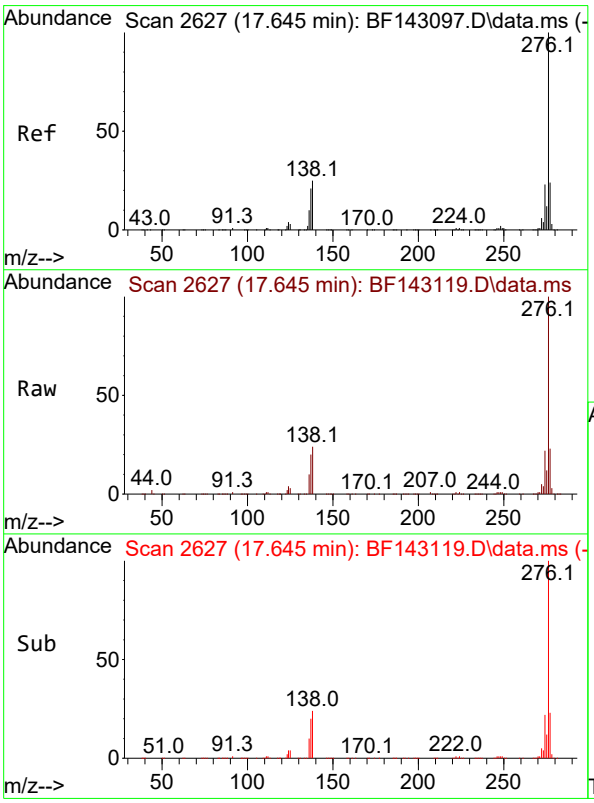
#91
Dibenzo(a,h)anthracene
Concen: 46.108 ng
RT: 17.198 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Tgt Ion:278 Resp: 736917

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	22.0
279	24.0	18.8	28.2

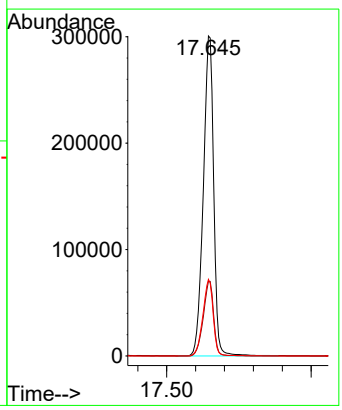




#92
Benzo(g,h,i)perylene
Concen: 45.936 ng
RT: 17.645 min Scan# 2627
Delta R.T. -0.000 min
Lab File: BF143119.D
Acq: 16 Jul 2025 20:39

Tgt Ion:276 Resp: 748506

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	24.0	19.8	29.6



Raw Data: **BP025191.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
Client Sample ID:	CHRT-26899MS	SDG No.:	Q2592
Lab Sample ID:	Q2597-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025191.D	1	07/15/25 09:05	07/18/25 13:52	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	880		94.8	200	ug/Kg
108-95-2	Phenol	860		13.4	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	840		14.8	100	ug/Kg
95-57-8	2-Chlorophenol	910		14.8	100	ug/Kg
95-48-7	2-Methylphenol	930		18.2	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	800		22.8	100	ug/Kg
98-86-2	Acetophenone	800		17.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	900		25.0	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		28.8	48.6	ug/Kg
67-72-1	Hexachloroethane	920		10.7	100	ug/Kg
98-95-3	Nitrobenzene	880		11.1	100	ug/Kg
78-59-1	Isophorone	900		19.9	100	ug/Kg
88-75-5	2-Nitrophenol	1000		35.4	100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		39.4	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	850		18.7	100	ug/Kg
120-83-2	2,4-Dichlorophenol	950		17.2	100	ug/Kg
91-20-3	Naphthalene	840		13.8	100	ug/Kg
106-47-8	4-Chloroaniline	440		21.5	100	ug/Kg
87-68-3	Hexachlorobutadiene	980		15.4	100	ug/Kg
105-60-2	Caprolactam	860		31.7	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880		17.4	100	ug/Kg
91-57-6	2-Methylnaphthalene	770		15.6	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	70.5	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		12.0	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		17.7	100	ug/Kg
92-52-4	1,1-Biphenyl	880		13.2	100	ug/Kg
91-58-7	2-Chloronaphthalene	910		13.7	100	ug/Kg
88-74-4	2-Nitroaniline	940		29.2	100	ug/Kg
131-11-3	Dimethylphthalate	850		16.5	100	ug/Kg

Raw Data: **BP025191.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
Client Sample ID:	CHRT-26899MS	SDG No.:	Q2592
Lab Sample ID:	Q2597-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025191.D	1	07/15/25 09:05	07/18/25 13:52	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	950		17.6	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20.4	100	ug/Kg
99-09-2	3-Nitroaniline	810		28.0	100	ug/Kg
83-32-9	Acenaphthene	850		12.9	100	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		140	200	ug/Kg
100-02-7	4-Nitrophenol	1800	E	65.0	200	ug/Kg
132-64-9	Dibenzofuran	810		13.8	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	900		30.5	100	ug/Kg
84-66-2	Diethylphthalate	810		17.2	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820		16.2	100	ug/Kg
86-73-7	Fluorene	790		15.4	100	ug/Kg
100-01-6	4-Nitroaniline	830		39.0	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690		62.6	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	970		20.0	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		16.9	100	ug/Kg
118-74-1	Hexachlorobenzene	1000		15.4	100	ug/Kg
1912-24-9	Atrazine	1200		20.7	100	ug/Kg
87-86-5	Pentachlorophenol	2000	E	31.2	200	ug/Kg
85-01-8	Phenanthrene	880		12.7	100	ug/Kg
120-12-7	Anthracene	920		20.2	100	ug/Kg
86-74-8	Carbazole	870		19.0	100	ug/Kg
84-74-2	Di-n-butylphthalate	920		29.1	100	ug/Kg
206-44-0	Fluoranthene	910		18.2	100	ug/Kg
129-00-0	Pyrene	850		21.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	930		43.4	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560		22.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	930		14.0	100	ug/Kg
218-01-9	Chrysene	930		12.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		36.0	100	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		52.8	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		11.5	100	ug/Kg

Raw Data: **BP025191.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
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Lab Sample ID:	Q2597-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
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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
BP025191.D	1	07/15/25 09:05	07/18/25 13:52	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	890		13.6	100	ug/Kg
50-32-8	Benzo(a)pyrene	1000		17.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		17.7	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		16.7	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		15.6	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		15.6	100	ug/Kg
123-91-1	1,4-Dioxane	680		27.5	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		16.7	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	81.7		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	79.9		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.7		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.3		20 - 109	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	63.9		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	725000	7.437			
1146-65-2	Naphthalene-d8	2870000	10.184			
15067-26-2	Acenaphthene-d10	1760000	14.101			
1517-22-2	Phenanthrene-d10	3030000	16.919			
1719-03-5	Chrysene-d12	3380000	21.36			
1520-96-3	Perylene-d12	4110000	24.512			

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\BP071825\
Data File : BP025191.D
Acq On : 18 Jul 2025 13:52
Operator : CG/JU
Sample : Q2597-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 18 14:42:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	725237	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2872256	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1756654	20.000	ng	0.01
64) Phenanthrene-d10	16.919	188	3030587	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3384853	20.000	ng	0.02
86) Perylene-d12	24.512	264	4114552	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3344729	81.716	ng	0.01
7) Phenol-d6	6.649	99	4267319	79.891	ng	0.02
23) Nitrobenzene-d5	8.578	82	2621093	60.689	ng	0.01
42) 2,4,6-Tribromophenol	15.636	330	2206748	106.339	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	7069182	62.342	ng	0.00
79) Terphenyl-d14	19.695	244	9838214	63.880	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	530428	33.326	ng	99
3) Pyridine	3.490	79	1465490	33.631	ng	97
4) n-Nitrosodimethylamine	3.402	42	635981	34.470	ng	90
6) Aniline	6.784	93	1455394	29.163	ng	99
8) 2-Chlorophenol	7.019	128	2066190	45.117	ng	98
9) Benzaldehyde	6.602	77	1208904	43.337	ng	96
10) Phenol	6.672	94	2305756	42.484	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1730557	41.431	ng	97
12) 1,3-Dichlorobenzene	7.331	146	2214921	43.215	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2254625	43.448	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2161644	43.303	ng	99
15) Benzyl Alcohol	7.678	79	1547309	43.402	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	2155727	39.692	ng	97
17) 2-Methylphenol	7.890	107	1606309	45.946	ng	99
18) Hexachloroethane	8.496	117	765719	45.295	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1237318	39.060	ng	97
20) 3+4-Methylphenols	8.213	107	2165124	44.214	ng	99
22) Acetophenone	8.249	105	2689995	39.601	ng	98
24) Nitrobenzene	8.619	77	1904110	43.284	ng	94
25) Isophorone	9.137	82	3573169	44.271	ng	99
26) 2-Nitrophenol	9.319	139	1104541	51.484	ng	97
27) 2,4-Dimethylphenol	9.396	122	1843826	61.241	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2301331	41.993	ng	99
29) 2,4-Dichlorophenol	9.849	162	1956385	46.862	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	2098988	45.402	ng	99
31) Naphthalene	10.237	128	6137965	41.501	ng	99
32) Benzoic acid	9.554	122	1560877	51.391	ng	96
33) 4-Chloroaniline	10.354	127	1207820	21.883	ng	99
34) Hexachlorobutadiene	10.531	225	1280173	48.253	ng	100
35) Caprolactam	11.148	113	606849m	42.491	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1889312	43.306	ng	97
37) 2-Methylnaphthalene	11.872	142	3941856	37.774	ng	100
38) 1-Methylnaphthalene	12.095	142	4192599	41.195	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2373335	47.010	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1636353	124.087	ng	99
43) 2,4,6-Trichlorophenol	12.501	196	1604557	52.488	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025191.D
Acq On : 18 Jul 2025 13:52
Operator : CG/JU
Sample : Q2597-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 18 14:42:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1751985	50.570	ng		99
46) 1,1'-Biphenyl	12.913	154	5528311	43.253	ng		99
47) 2-Chloronaphthalene	12.948	162	4311680	44.883	ng		99
48) 2-Nitroaniline	13.160	65	1095633	46.642	ng		91
49) Acenaphthylene	13.819	152	6919582	47.062	ng		100
50) Dimethylphthalate	13.572	163	5156677	41.936	ng		100
51) 2,6-Dinitrotoluene	13.672	165	1192431	49.721	ng		93
52) Acenaphthene	14.172	154	3960058	41.788	ng		98
53) 3-Nitroaniline	14.007	138	1024478	39.861	ng		99
54) 2,4-Dinitrophenol	14.219	184	621018	54.804	ng		94
55) Dibenzofuran	14.513	168	6234201	39.862	ng		99
56) 4-Nitrophenol	14.354	139	2135992	90.057	ng		95
57) 2,4-Dinitrotoluene	14.478	165	1562642	44.595	ng		93
58) Fluorene	15.178	166	4739613	39.181	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1476592	47.065	ng		95
60) Diethylphthalate	14.984	149	4928178	39.903	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	2419173	40.411	ng		98
62) 4-Nitroaniline	15.201	138	1104551	40.986	ng		99
63) Azobenzene	15.484	77	4154994	37.780	ng		94
65) 4,6-Dinitro-2-methylph...	15.272	198	448087	34.294	ng	#	83
66) n-Nitrosodiphenylamine	15.407	169	4164623	48.018	ng		99
67) 4-Bromophenyl-phenylether	16.107	248	1683065	54.240	ng		99
68) Hexachlorobenzene	16.219	284	1904013	50.202	ng		94
69) Atrazine	16.419	200	1538693	60.543	ng		92
70) Pentachlorophenol	16.578	266	2571871	100.408	ng		98
71) Phenanthrene	16.966	178	7037848	43.460	ng		97
72) Anthracene	17.083	178	7064103	45.470	ng		98
73) Carbazole	17.348	167	6507850	42.843	ng		98
74) Di-n-butylphthalate	17.972	149	7718219	45.628	ng		98
75) Fluoranthene	19.077	202	8459720	44.692	ng		97
77) Benzidine	19.283	184	2220748	37.148	ng	#	91
78) Pyrene	19.454	202	8790194	41.928	ng		98
80) Butylbenzylphthalate	20.442	149	3698659	45.960	ng		98
81) Benzo(a)anthracene	21.348	228	9398328	45.817	ng		98
82) 3,3'-Dichlorobenzidine	21.277	252	1712760	27.737	ng		99
83) Chrysene	21.407	228	9091703	46.057	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6024913	54.758	ng	#	97
85) Di-n-octyl phthalate	22.542	149	10219431	50.316	ng		97
87) Indeno(1,2,3-cd)pyrene	28.053	276	13319448m	50.814	ng		
88) Benzo(b)fluoranthene	23.524	252	11017325	46.004	ng		99
89) Benzo(k)fluoranthene	23.595	252	10410755	43.690	ng		99
90) Benzo(a)pyrene	24.377	252	10105828	49.580	ng		99
91) Dibenzo(a,h)anthracene	28.136	278	10509553	48.505	ng		97
92) Benzo(g,h,i)perylene	29.159	276	10921803	48.796	ng		99

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

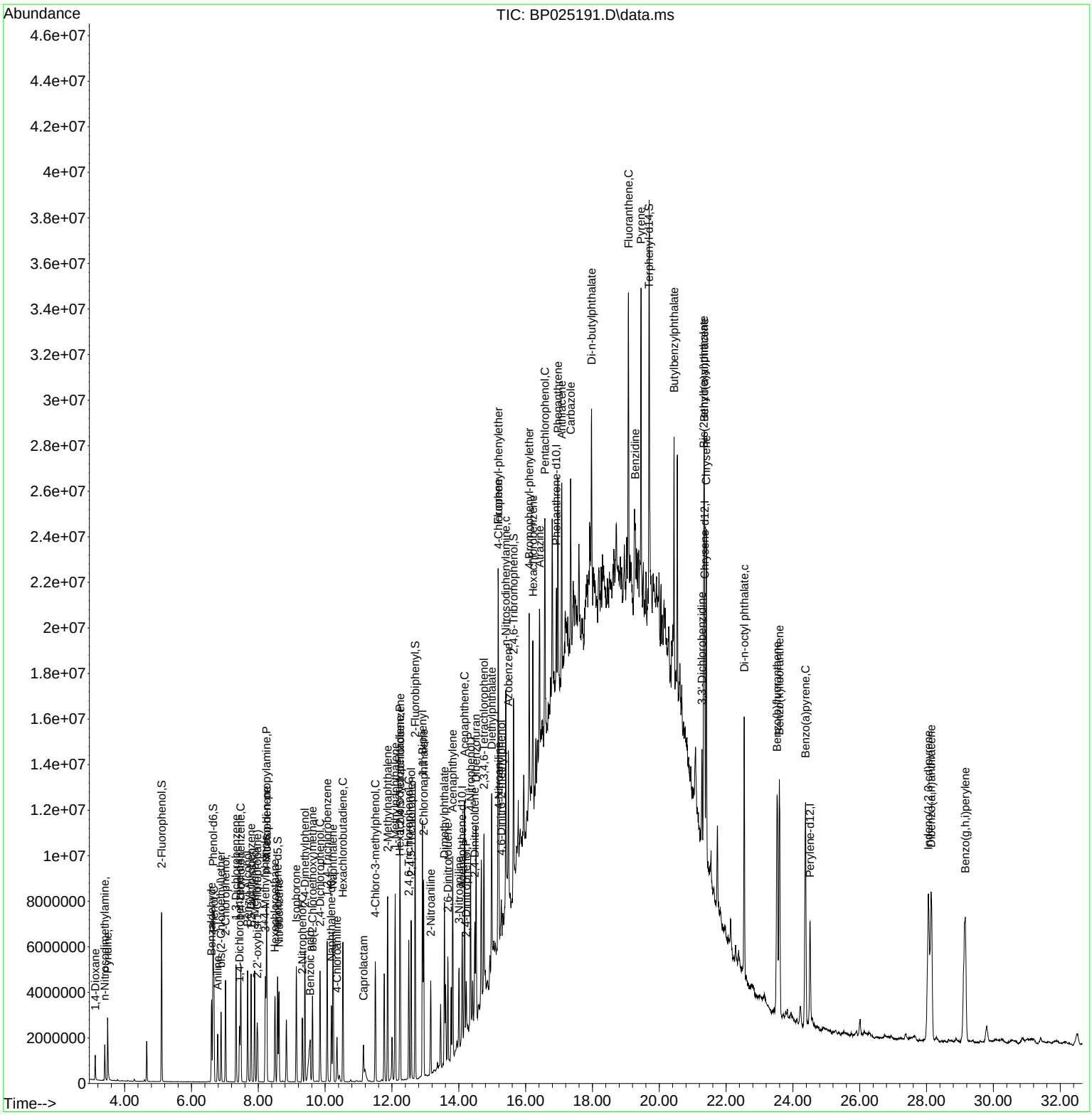
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025191.D
Acq On : 18 Jul 2025 13:52
Operator : CG/JU
Sample : Q2597-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

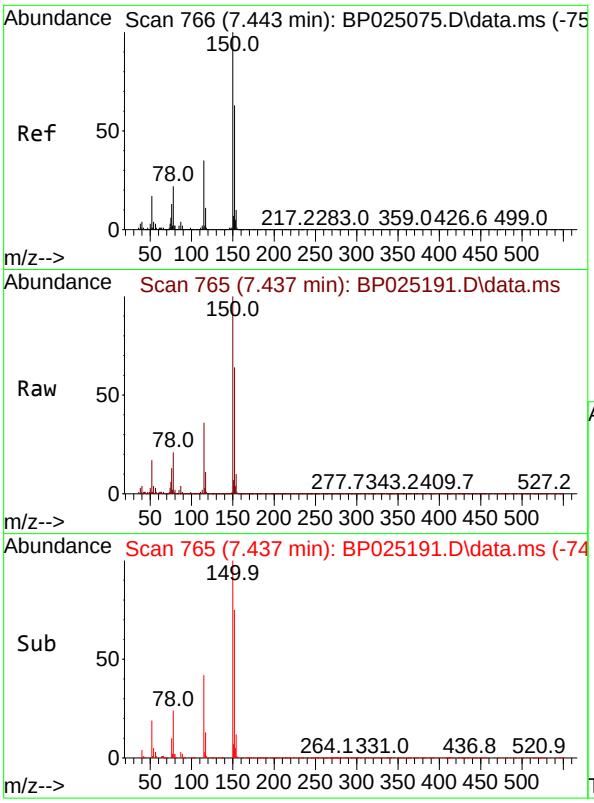
Quant Time: Jul 18 14:42:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

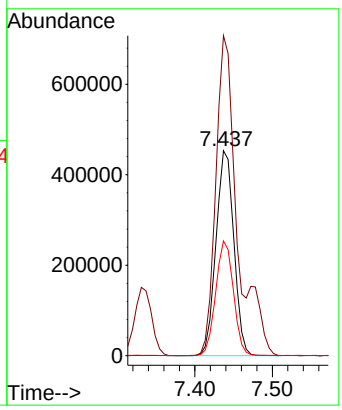




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:152 Resp: 72523

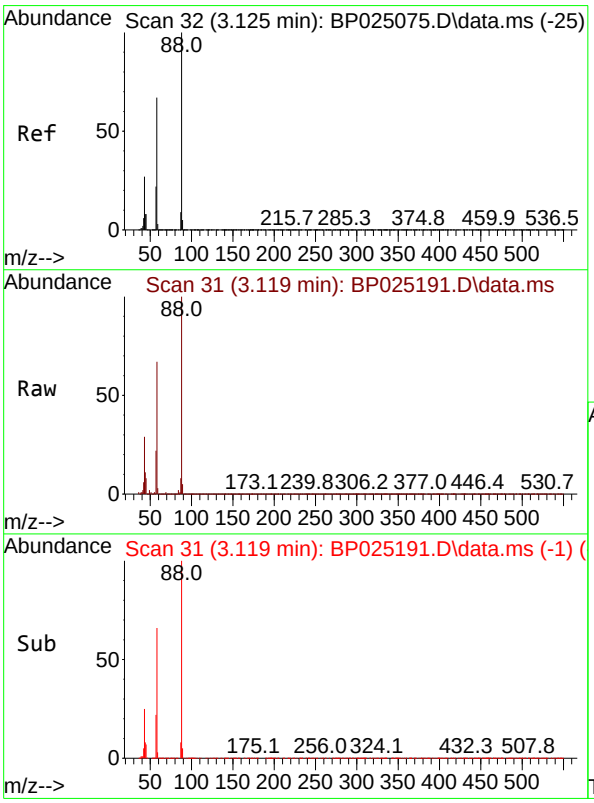
Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	56.0	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations
APPROVED

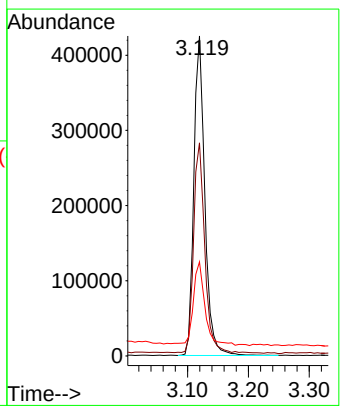
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

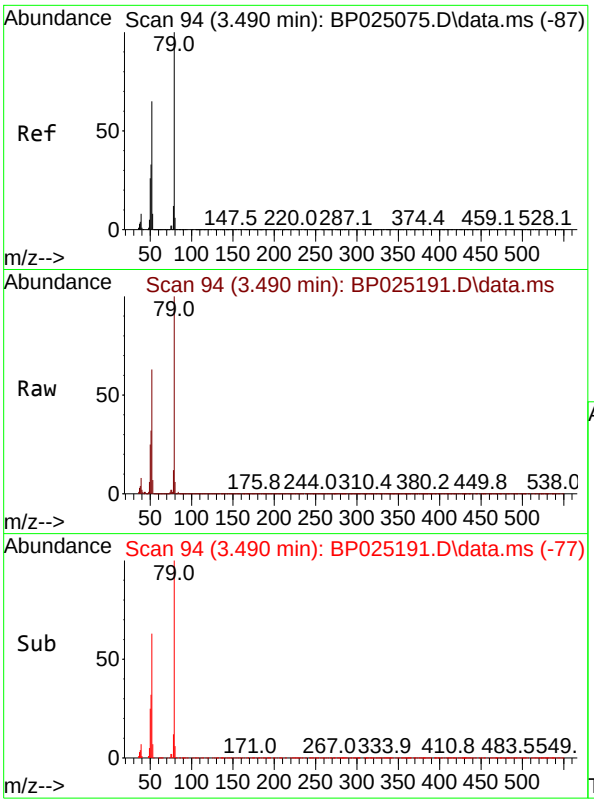


#2
1,4-Dioxane
Concen: 33.326 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 88 Resp: 530428

Ion	Ratio	Lower	Upper
88	100		
58	67.7	55.0	82.4
43	28.3	21.9	32.9

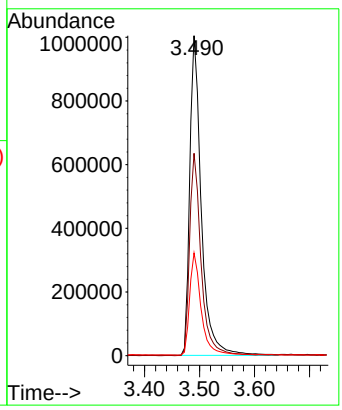




#3
Pyridine
Concen: 33.631 ng
RT: 3.490 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 79 Resp: 146549

Ion	Ratio	Lower	Upper
79	100		
52	63.2	52.2	78.4
51	32.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
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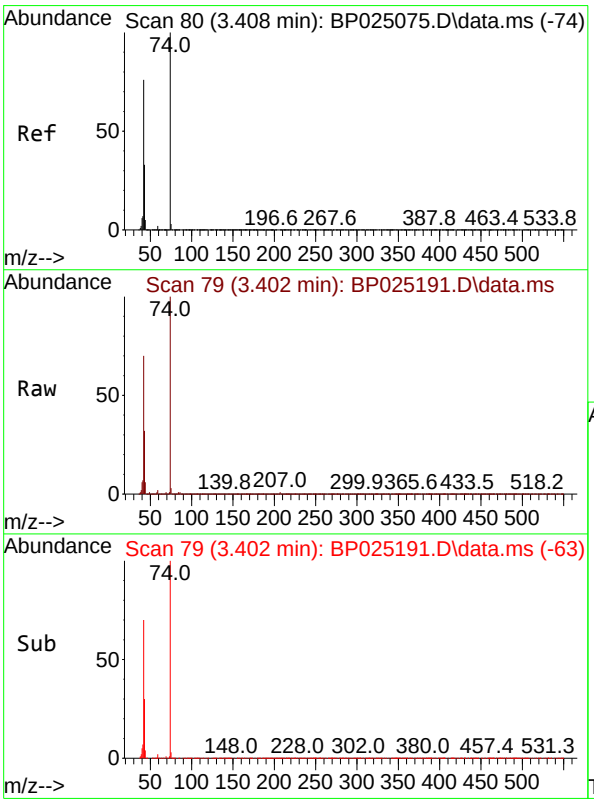
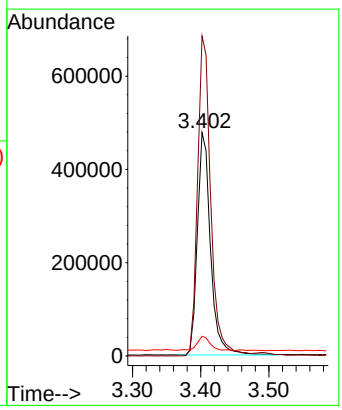
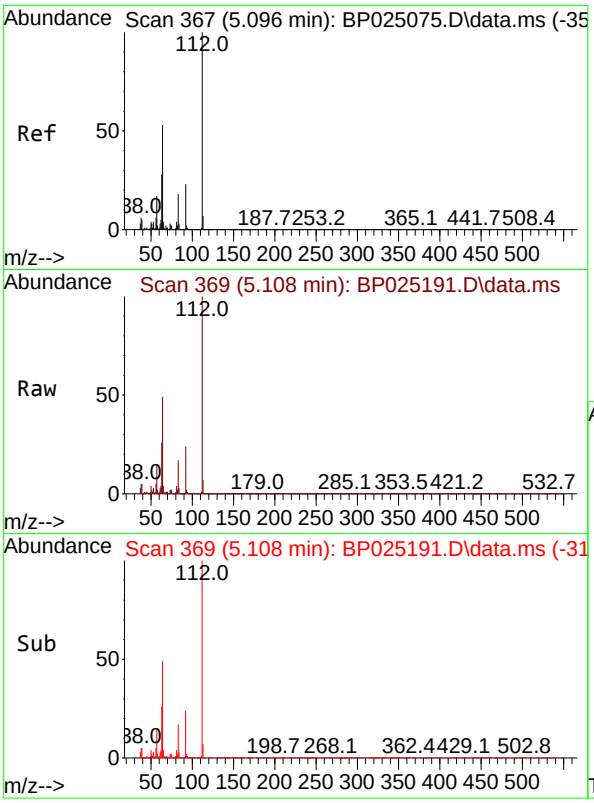


#4
n-Nitrosodimethylamine
Concen: 34.470 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 42 Resp: 635981

Ion	Ratio	Lower	Upper
42	100		
74	143.3	105.2	157.8
44	8.8	6.6	9.8

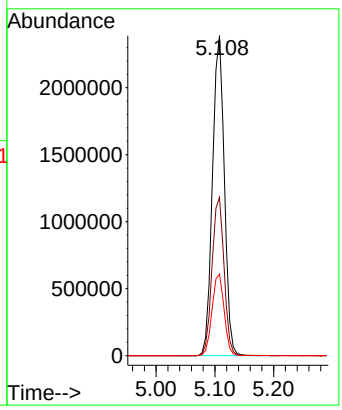




#5
2-Fluorophenol
Concen: 81.716 ng
RT: 5.108 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:112 Resp: 334472

Ion	Ratio	Lower	Upper
112	100		
64	49.5	42.0	63.0
63	25.6	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
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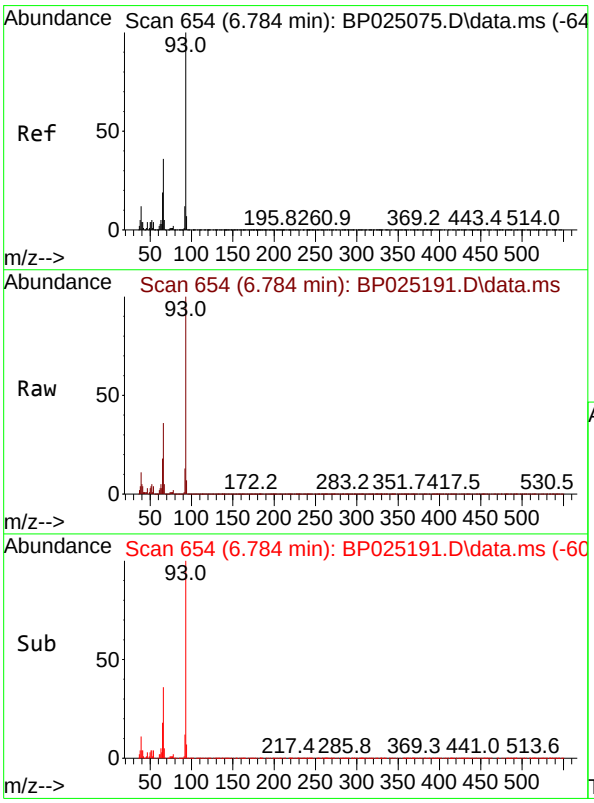
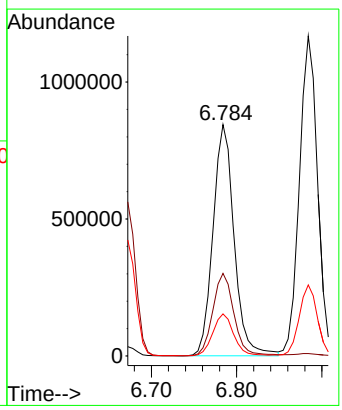
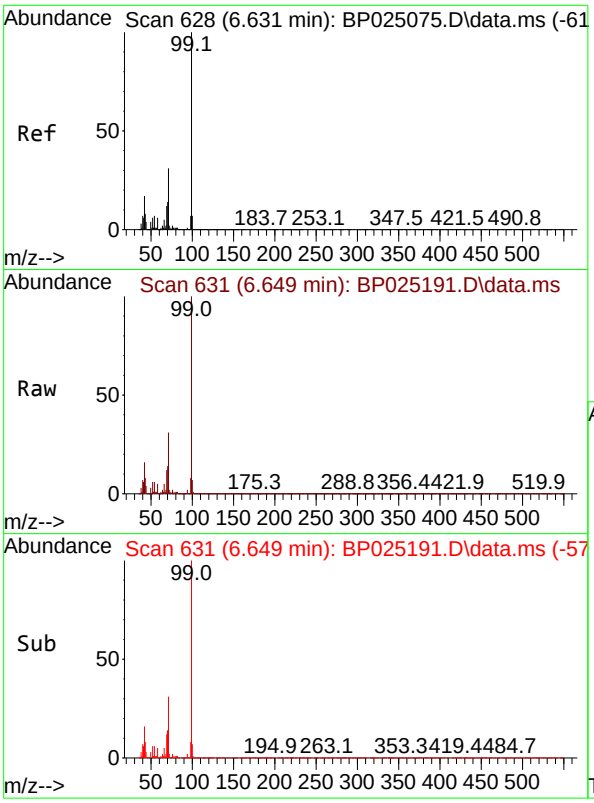


#6
Aniline
Concen: 29.163 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 93 Resp: 1455394

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.9	43.3
65	18.2	15.2	22.8

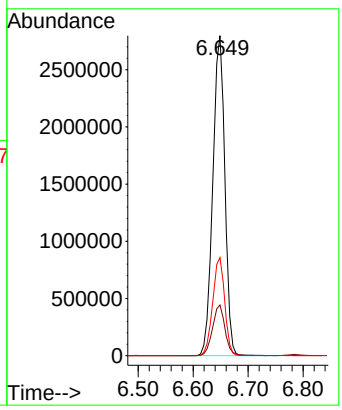




#7
Phenol-d6
Concen: 79.891 ng
RT: 6.649 min Scan# 6
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 99 Resp: 426731

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	30.6	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
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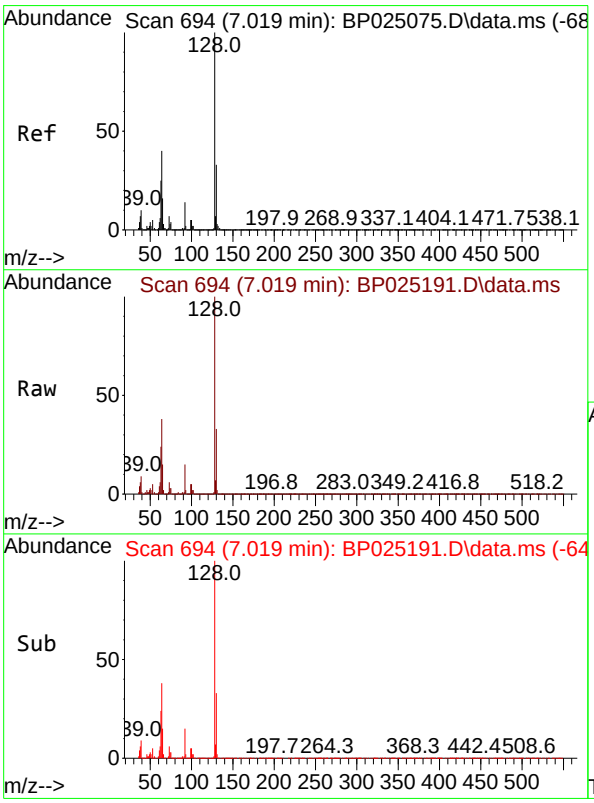
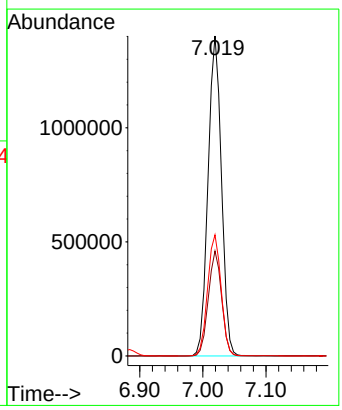
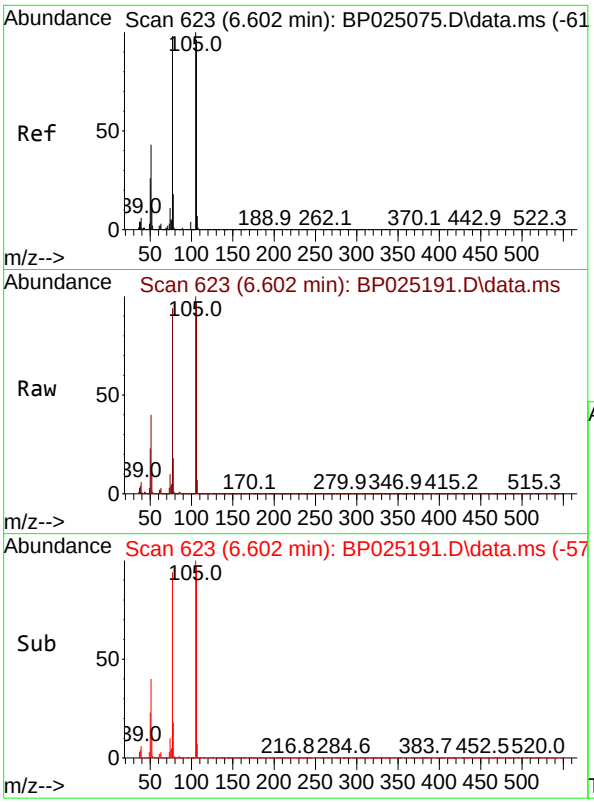


#8
2-Chlorophenol
Concen: 45.117 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:128 Resp: 2066190

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	37.8	20.3	60.3

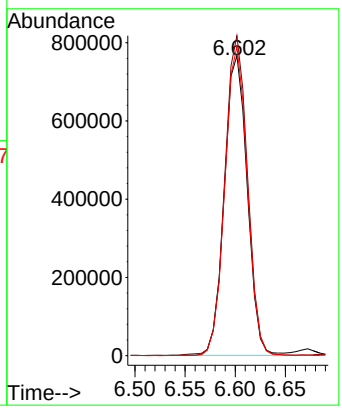




#9
Benzaldehyde
Concen: 43.337 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 77 Resp: 120890

Ion	Ratio	Lower	Upper
77	100		
105	106.7	82.4	122.4
106	103.0	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
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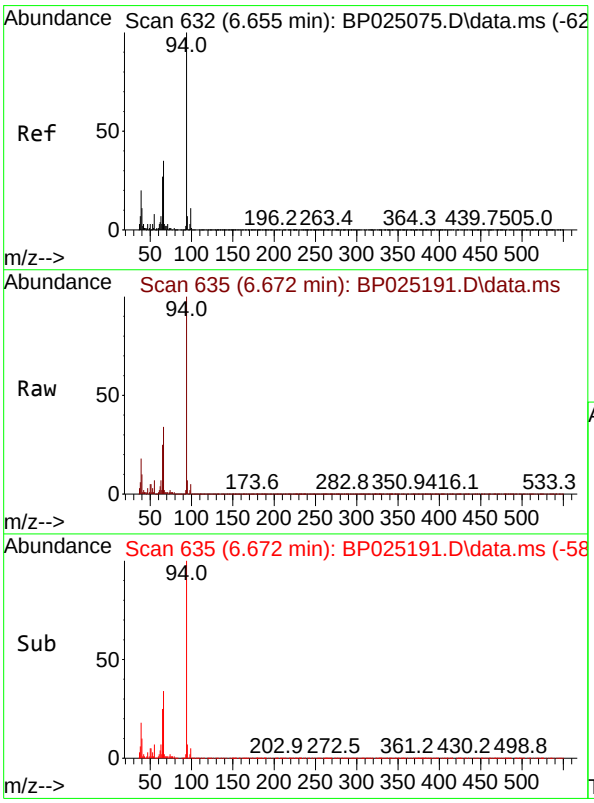
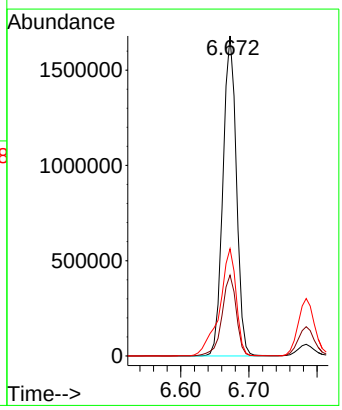
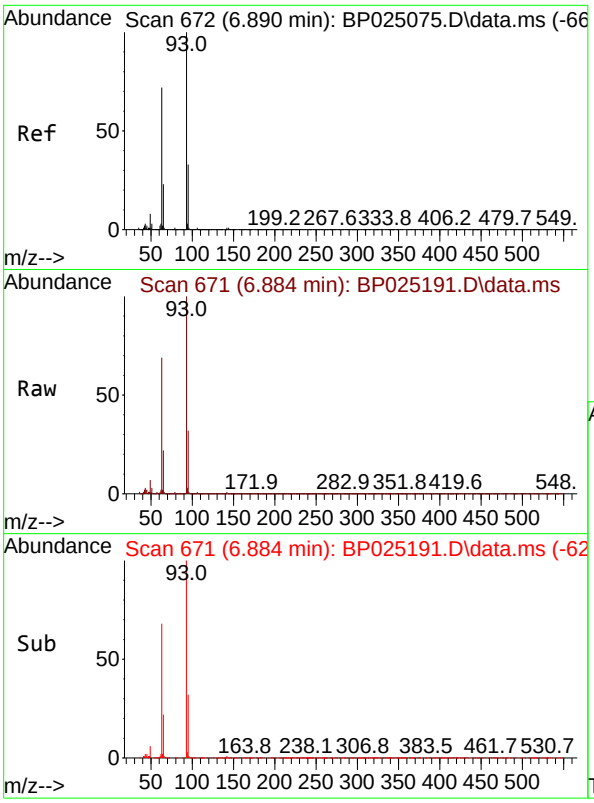


#10
Phenol
Concen: 42.484 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 94 Resp: 2305756

Ion	Ratio	Lower	Upper
94	100		
65	25.2	6.9	46.9
66	33.5	14.6	54.6

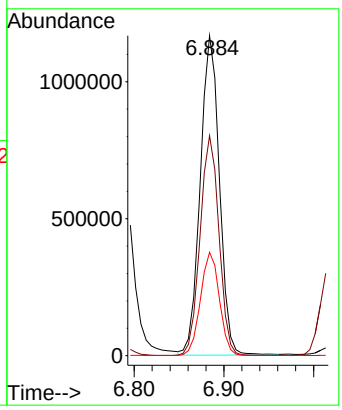




#11
bis(2-Chloroethyl)ether
Concen: 41.431 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 93 Resp: 173055

Ion	Ratio	Lower	Upper
93	100		
63	68.8	51.9	91.9
95	32.3	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
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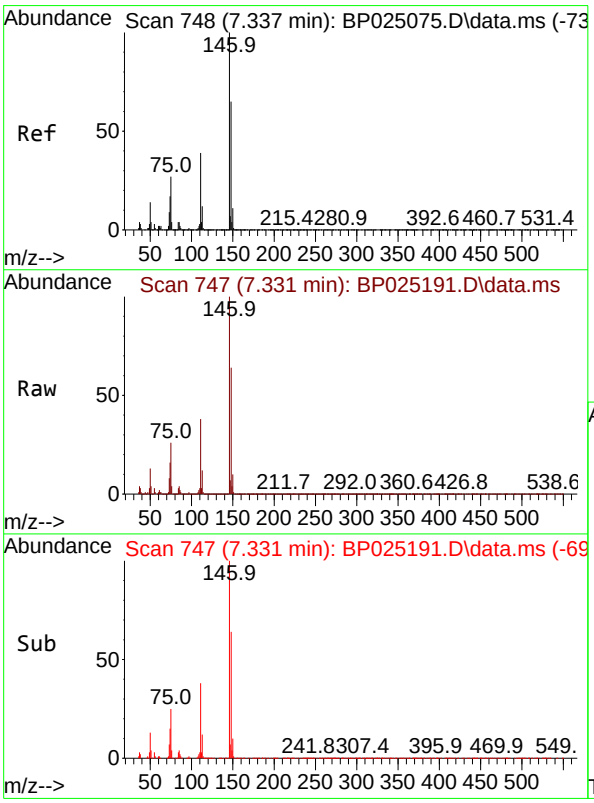
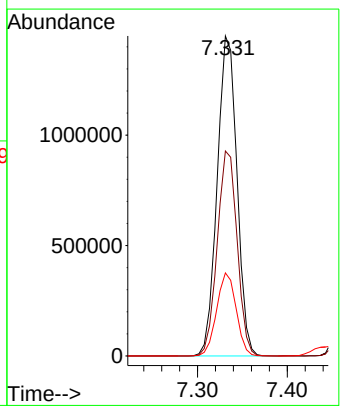
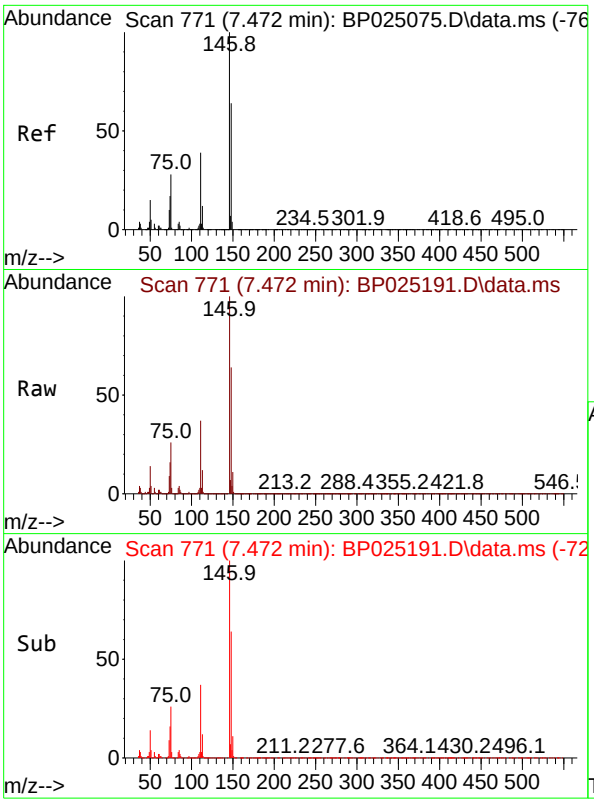


#12
1,3-Dichlorobenzene
Concen: 43.215 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:146 Resp: 2214921

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	25.9	21.8	32.6





#13
1,4-Dichlorobenzene
Concen: 43.448 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:146 Resp: 225462

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	37.4	31.2	46.8

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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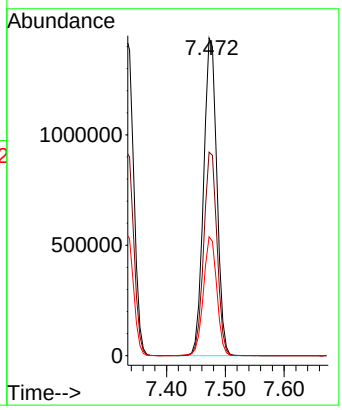
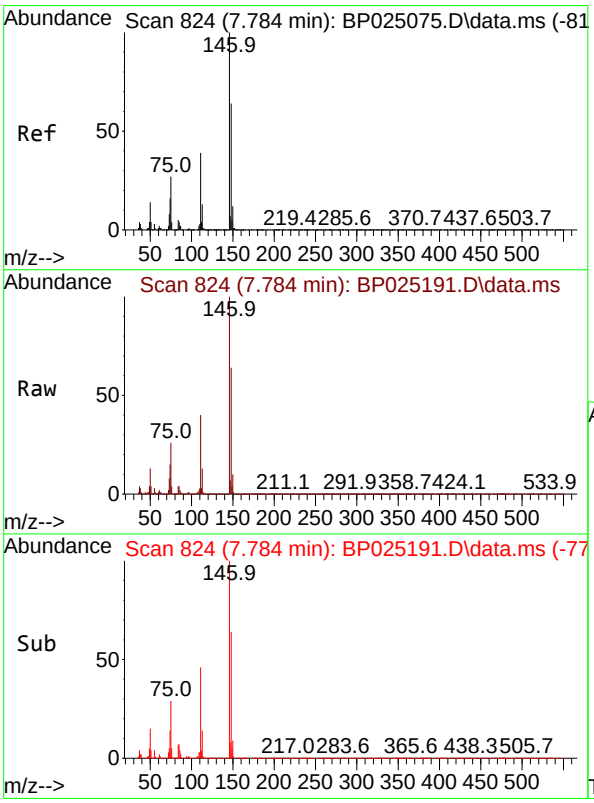
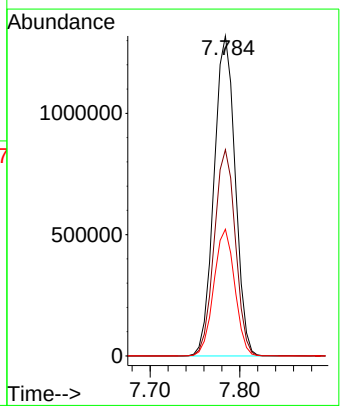


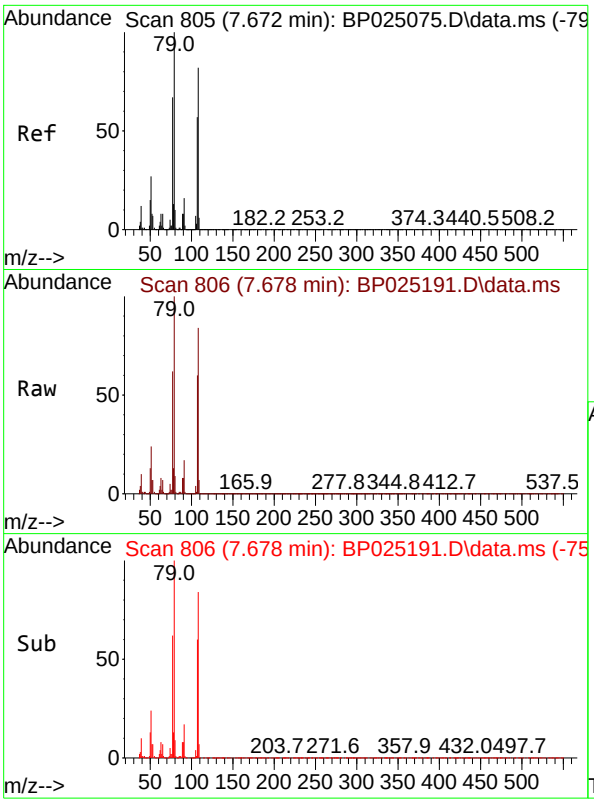


#14
1,2-Dichlorobenzene
Concen: 43.303 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:146 Resp: 2161644

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	39.6	31.2	46.8

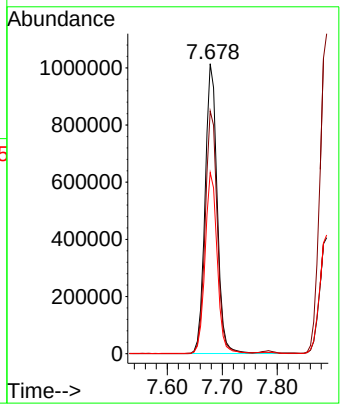




#15
Benzyl Alcohol
Concen: 43.402 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 79 Resp: 154730

Ion	Ratio	Lower	Upper
79	100		
108	83.8	66.0	99.0
77	62.5	53.4	80.2



Instrument :
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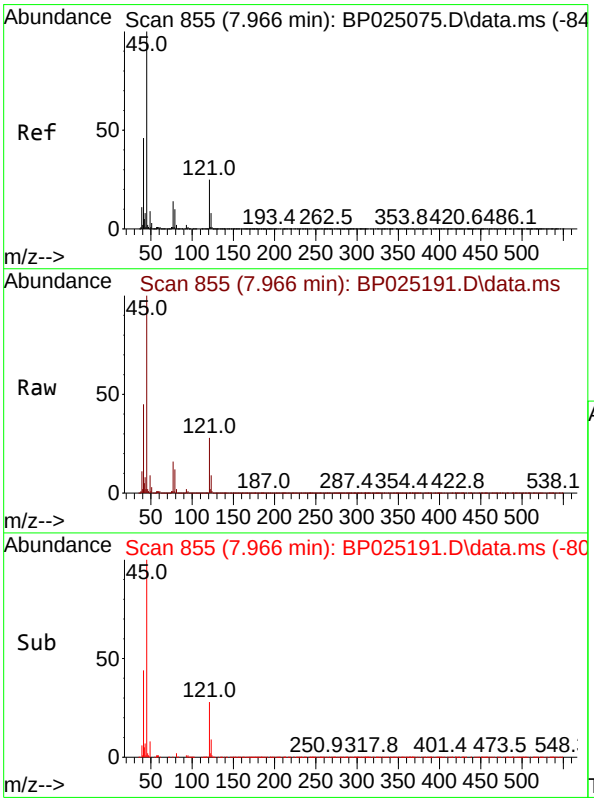
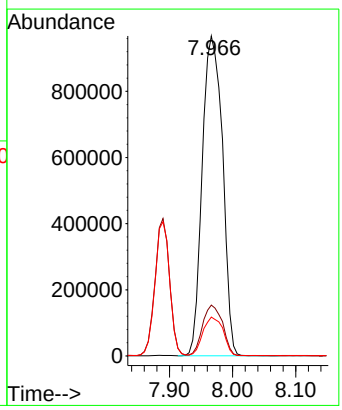
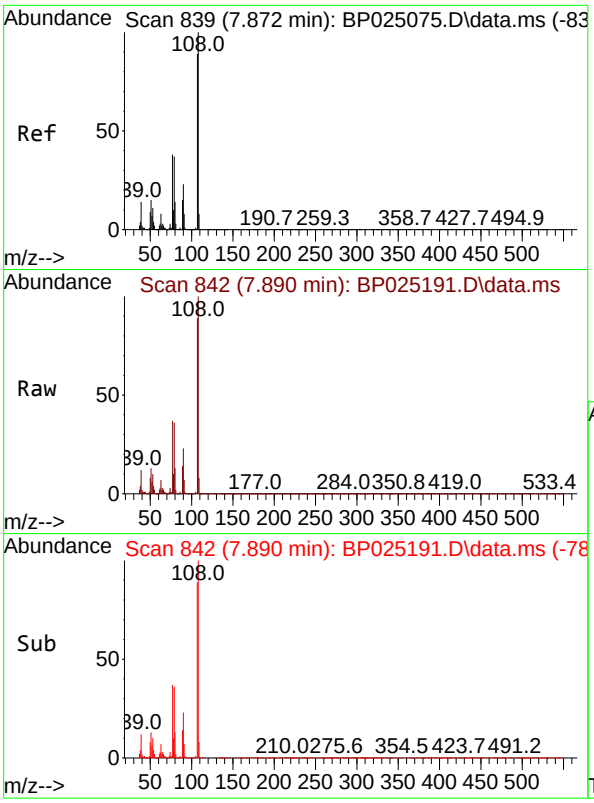


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.692 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 45 Resp: 2155727

Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.8
79	12.2	0.0	30.7

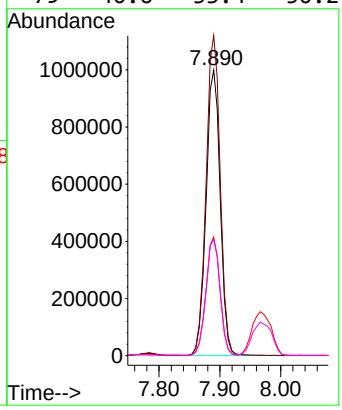




#17
2-Methylphenol
Concen: 45.946 ng
RT: 7.890 min Scan# 84
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:107 Resp: 160630

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	41.6	34.2	51.4
79	40.6	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
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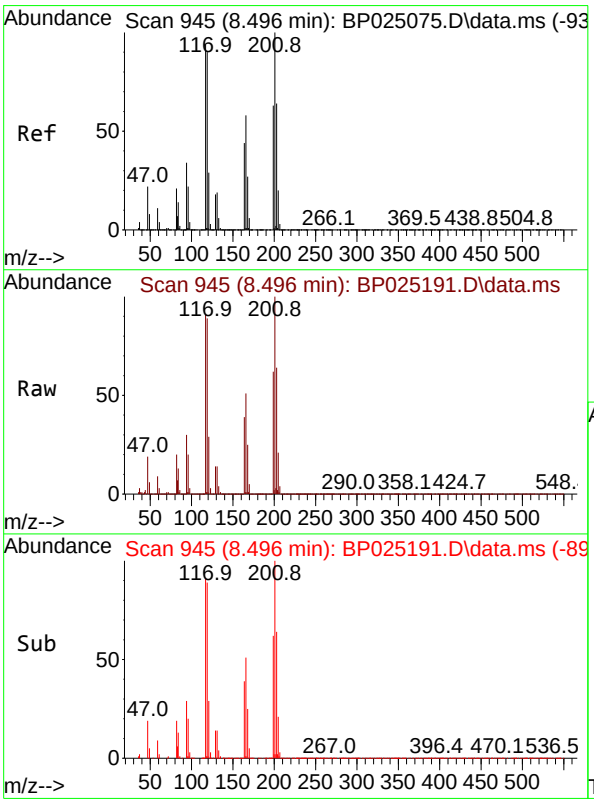
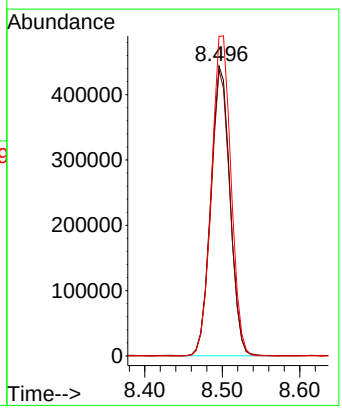
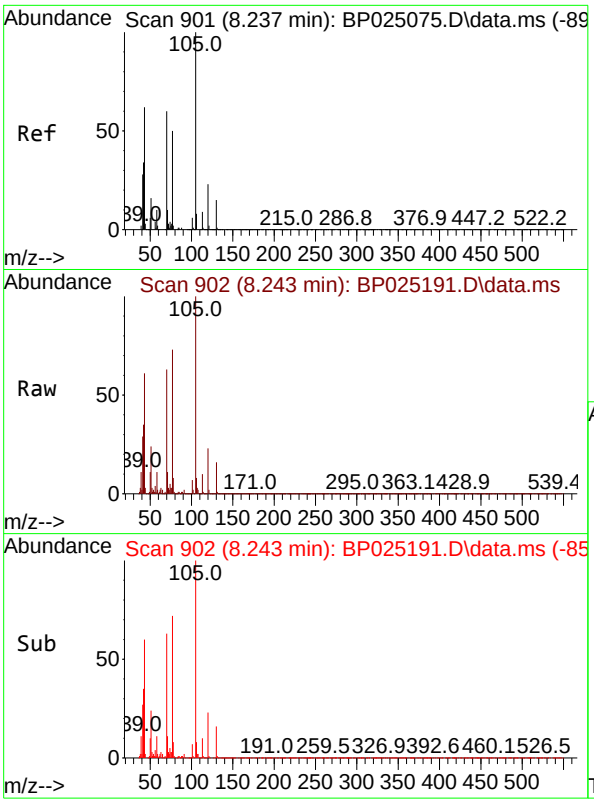


#18
Hexachloroethane
Concen: 45.295 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:117 Resp: 765719

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.6	115.0
201	110.3	85.4	128.2

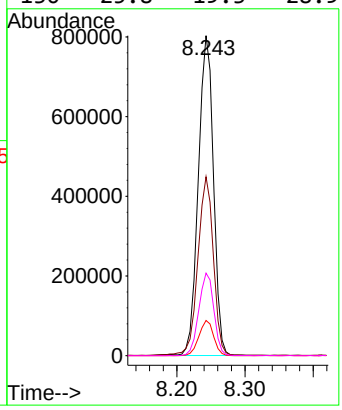




#19
n-Nitroso-di-n-propylamine
Concen: 39.060 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 70 Resp: 123731

Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.5	69.7
101	11.0	7.9	11.9
130	25.8	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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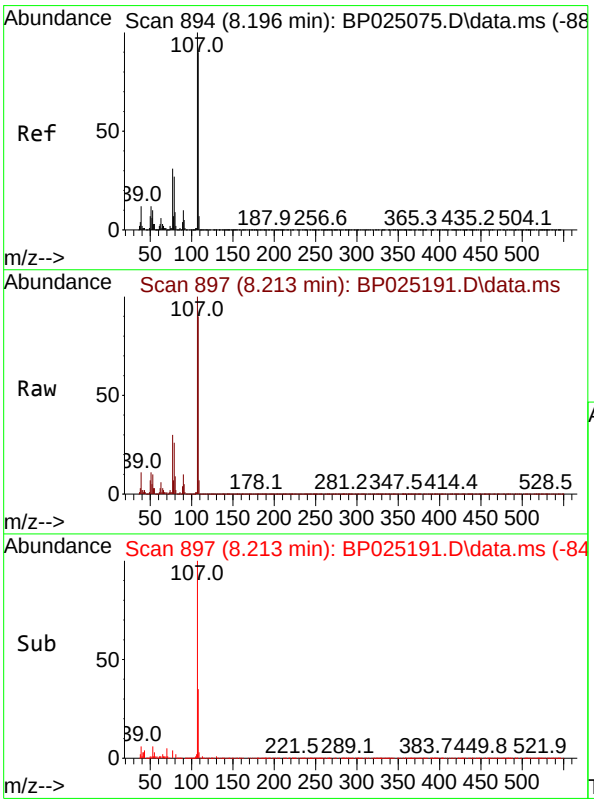
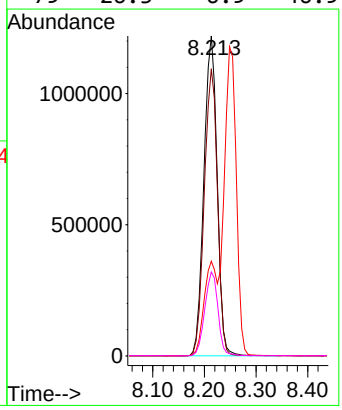
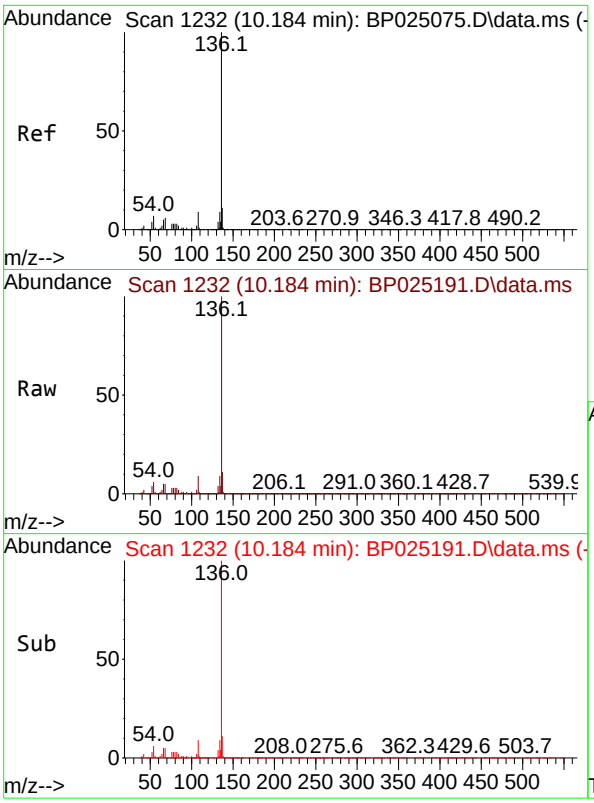


#20
3+4-Methylphenols
Concen: 44.214 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:107 Resp: 2165124

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	29.6	11.4	51.4
79	26.3	6.9	46.9

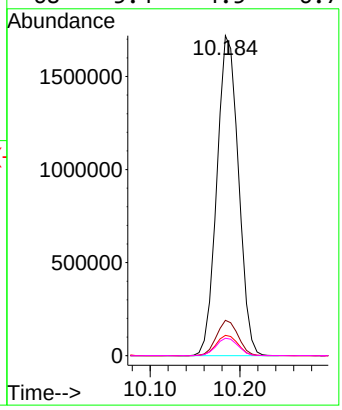




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:136 Resp: 287225

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.4	8.2
68	5.4	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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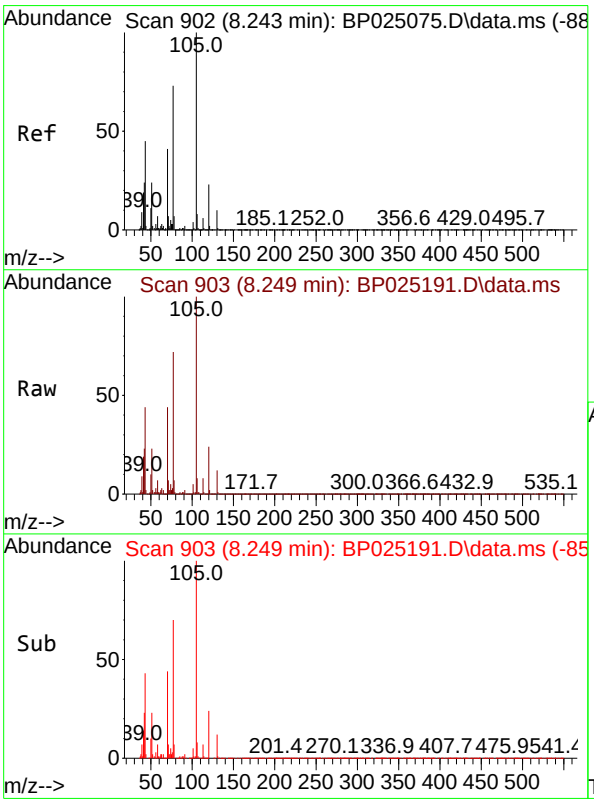
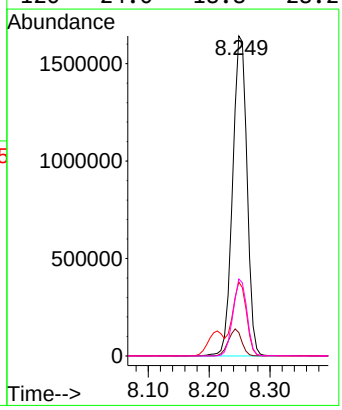
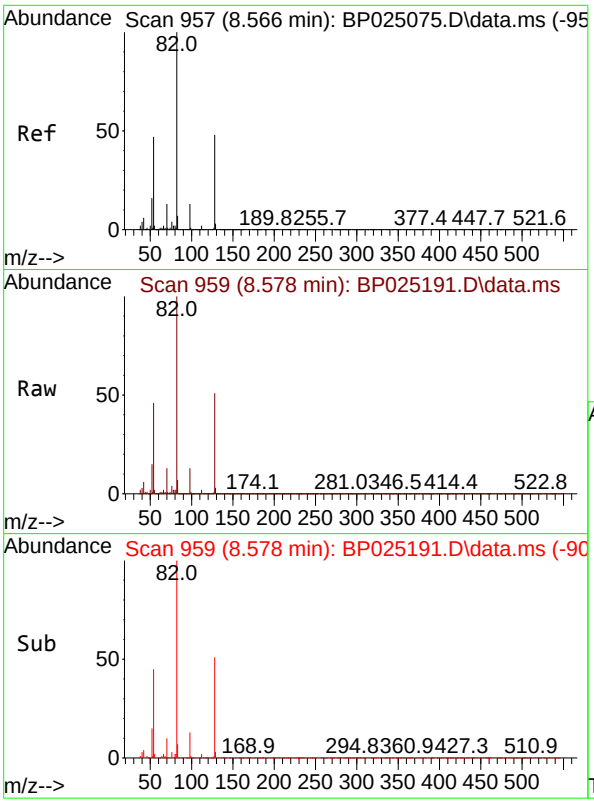


#22
Acetophenone
Concen: 39.601 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:105 Resp: 2689995

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.4	8.2
51	23.1	19.6	29.4
120	24.0	18.8	28.2

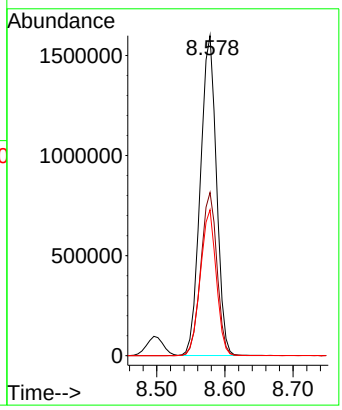




#23
Nitrobenzene-d5
Concen: 60.689 ng
RT: 8.578 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 82 Resp: 262109

Ion	Ratio	Lower	Upper
82	100		
128	51.0	38.4	57.6
54	45.6	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
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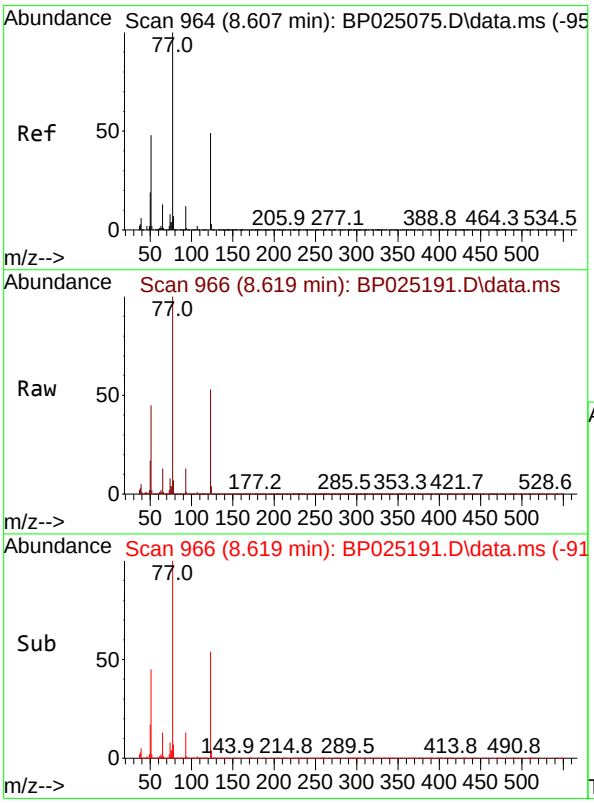
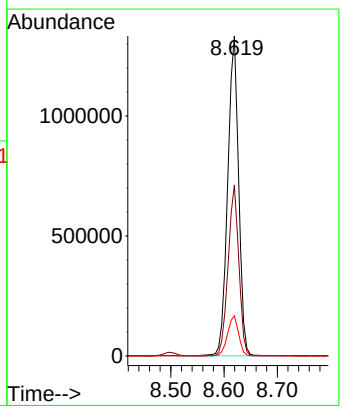
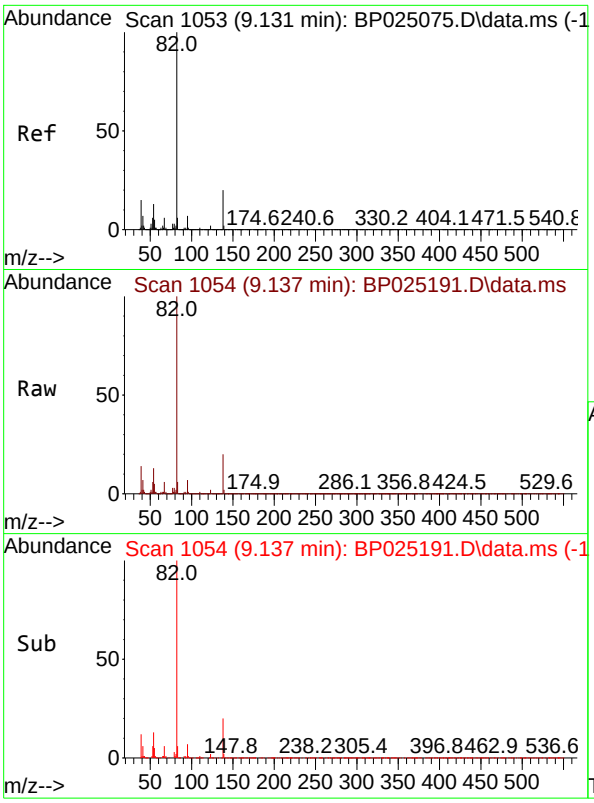


#24
Nitrobenzene
Concen: 43.284 ng
RT: 8.619 min Scan# 966
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 77 Resp: 1904110

Ion	Ratio	Lower	Upper
77	100		
123	53.4	39.0	58.6
65	12.6	10.7	16.1

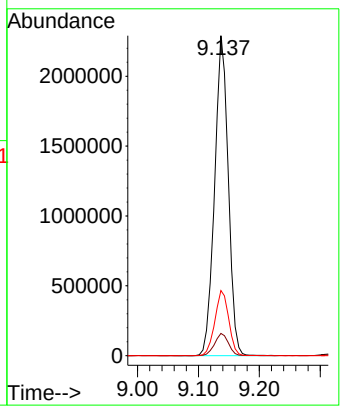




#25
Isophorone
Concen: 44.271 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 82 Resp: 357316

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	20.4	15.7	23.5



Instrument :
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ClientSampleId :
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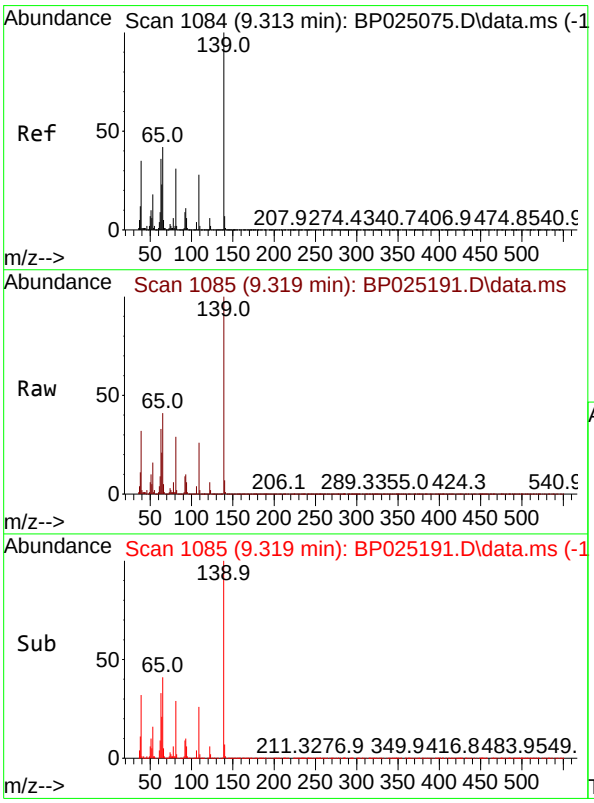
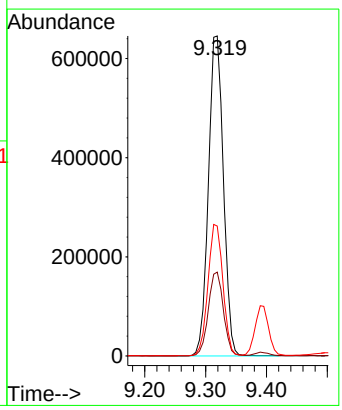
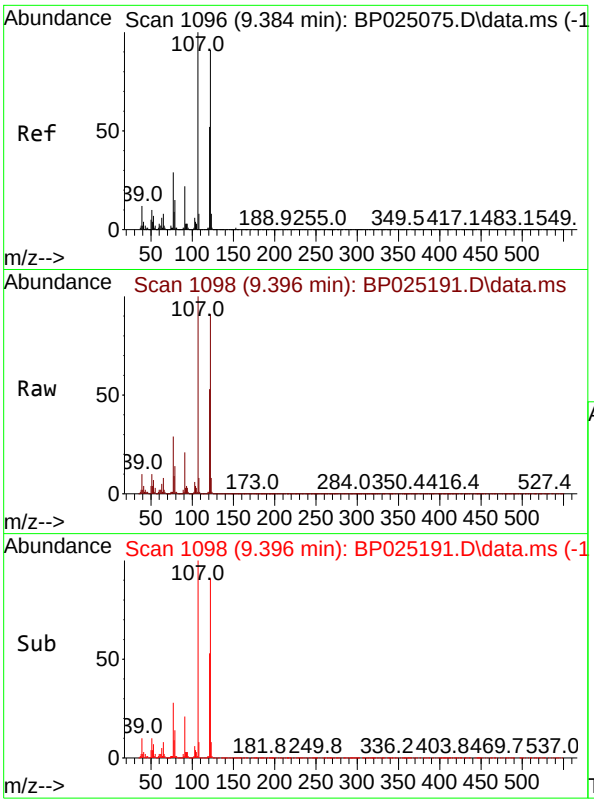


#26
2-Nitrophenol
Concen: 51.484 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:139 Resp: 1104541

Ion	Ratio	Lower	Upper
139	100		
109	26.2	22.3	33.5
65	40.6	33.8	50.8

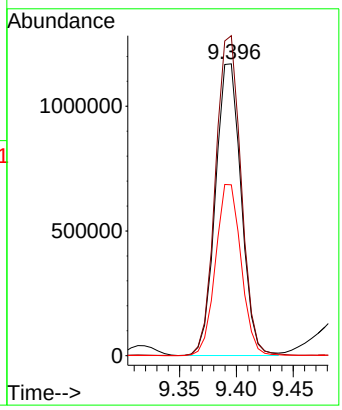




#27
2,4-Dimethylphenol
Concen: 61.241 ng
RT: 9.396 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:122 Resp: 184382

Ion	Ratio	Lower	Upper
122	100		
107	109.6	88.2	132.2
121	58.6	46.1	69.1



Instrument :
BNA_P
ClientSampleId :
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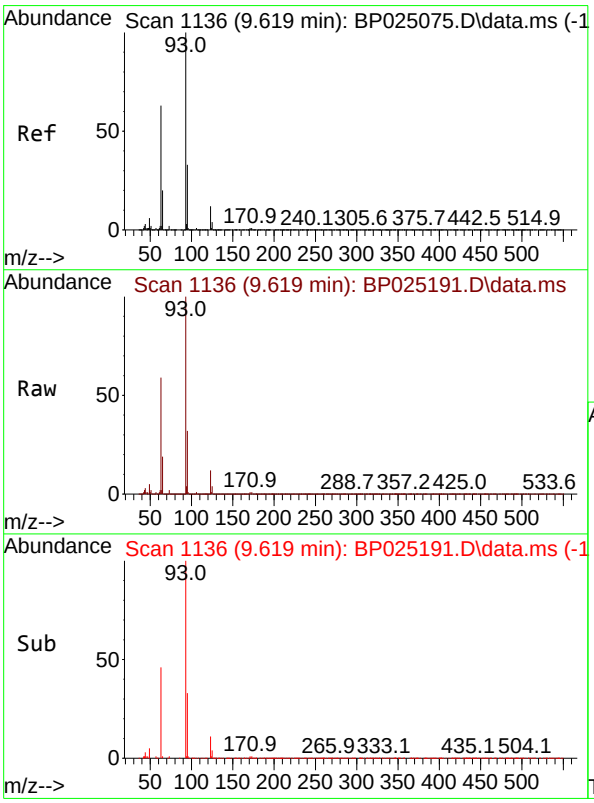
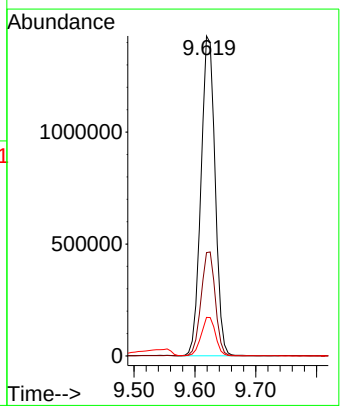
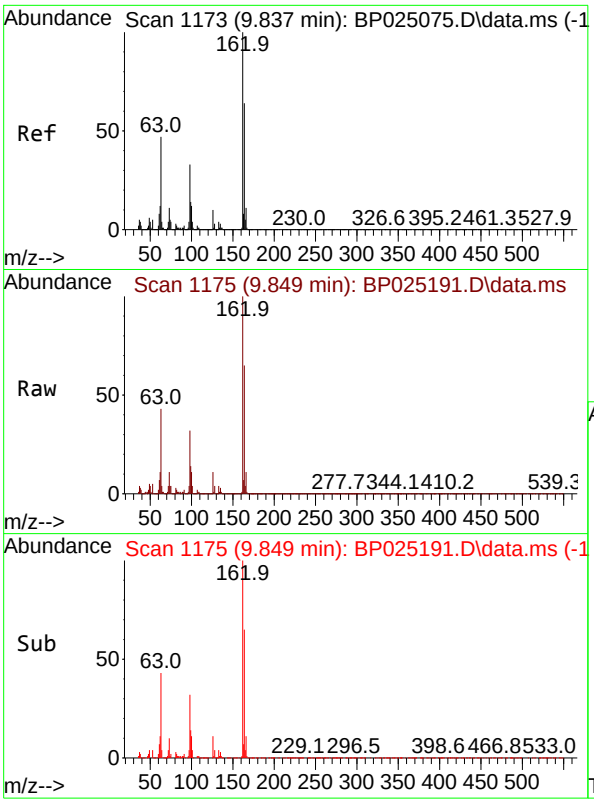


#28
bis(2-Chloroethoxy)methane
Concen: 41.993 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 93 Resp: 2301331

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	12.1	10.1	15.1

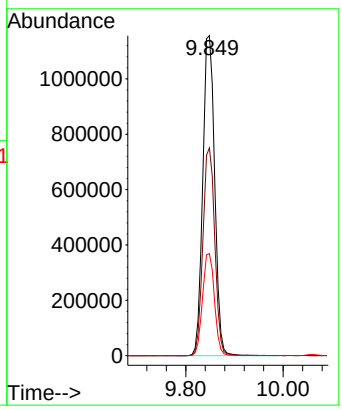




#29
2,4-Dichlorophenol
Concen: 46.862 ng
RT: 9.849 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:162 Resp: 195638

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	31.9	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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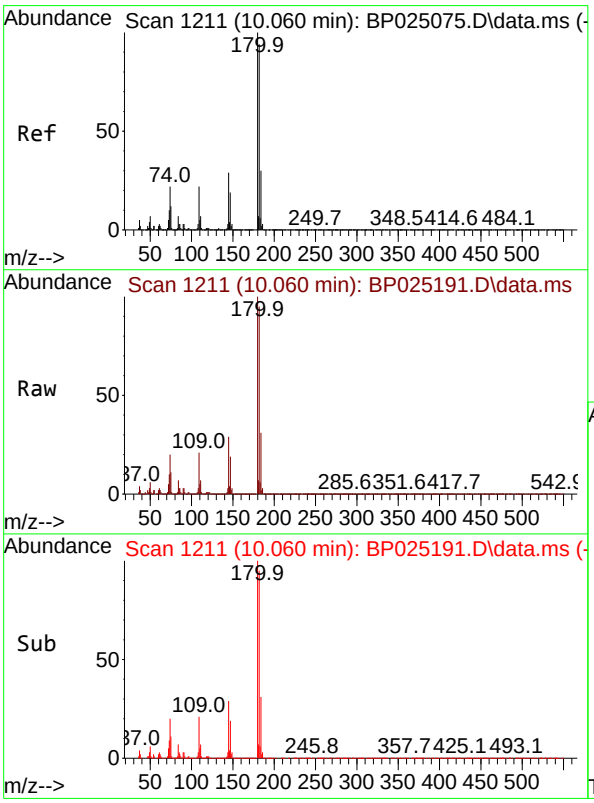
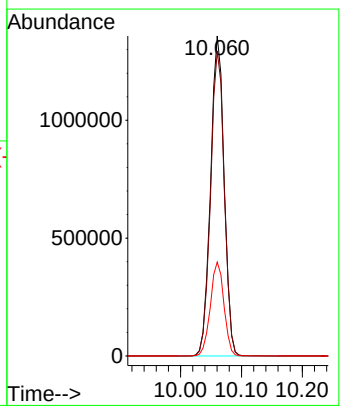
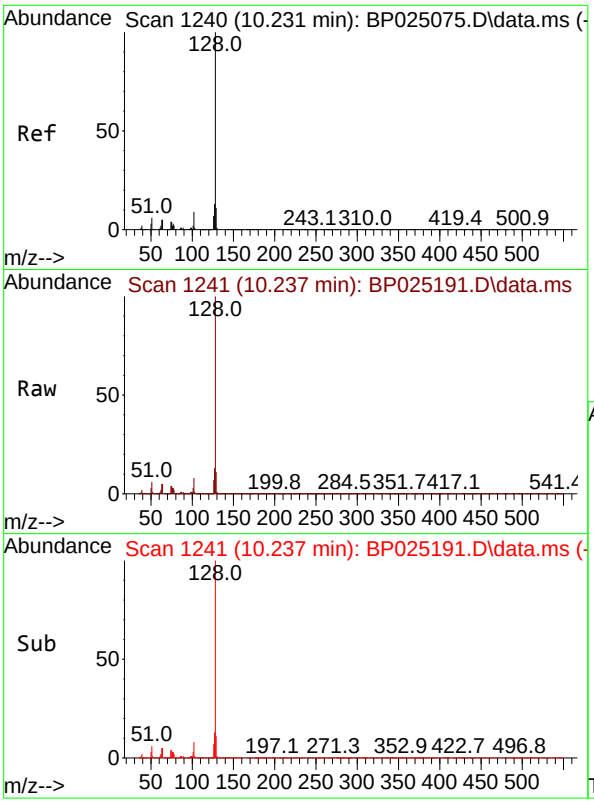


#30
1,2,4-Trichlorobenzene
Concen: 45.402 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:180 Resp: 2098988

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.1	112.7
145	29.4	23.3	34.9

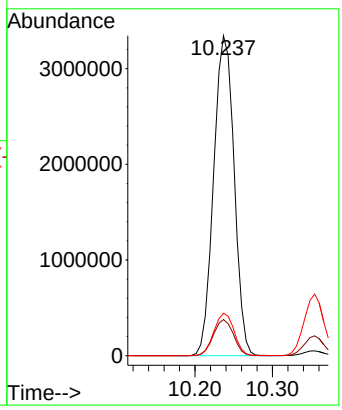




#31
Naphthalene
Concen: 41.501 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:128 Resp: 613796

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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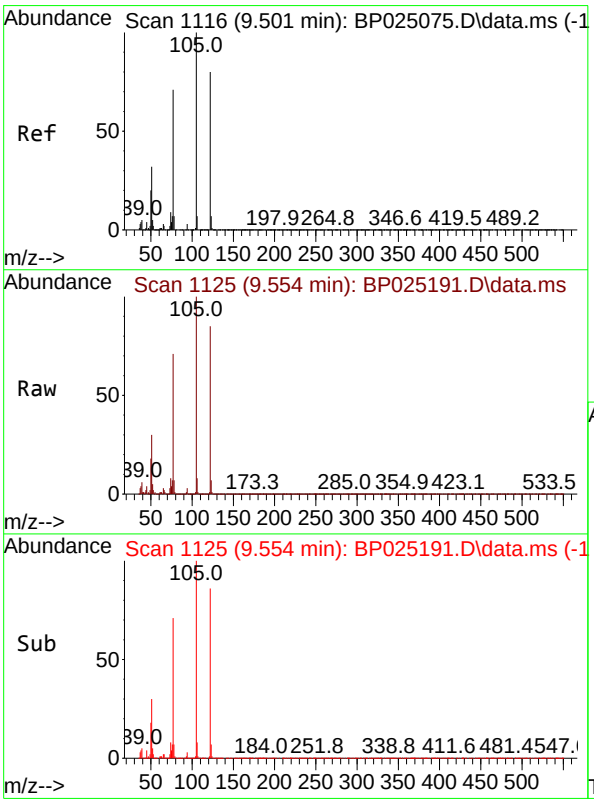
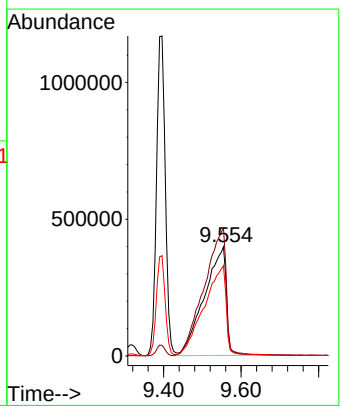
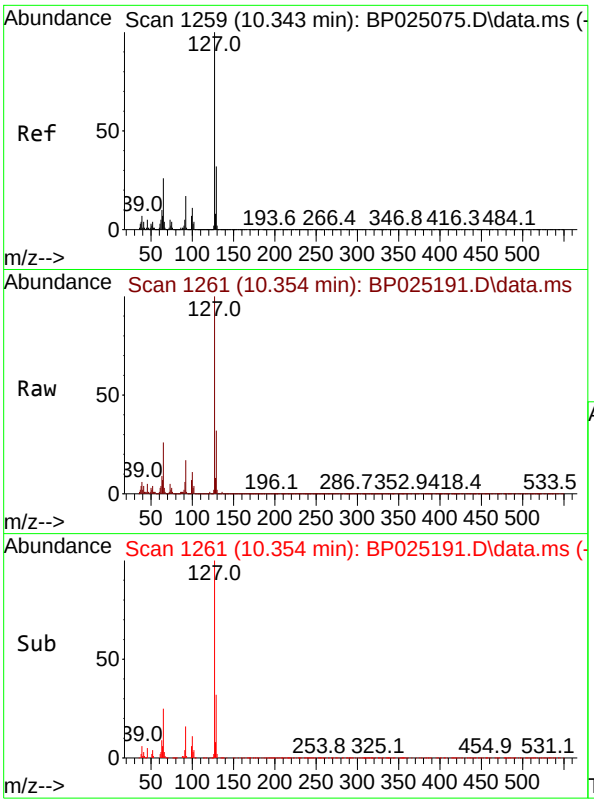


#32
Benzoic acid
Concen: 51.391 ng
RT: 9.554 min Scan# 1125
Delta R.T. 0.053 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:122 Resp: 1560877

Ion	Ratio	Lower	Upper
122	100		
105	117.0	101.0	141.0
77	82.7	67.6	107.6

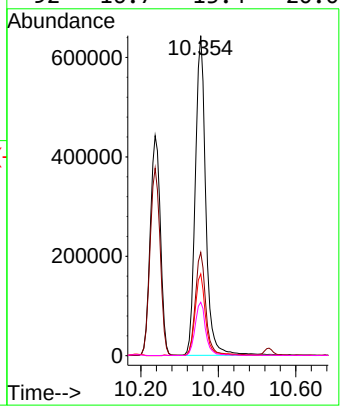




#33
4-Chloroaniline
Concen: 21.883 ng
RT: 10.354 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:127 Resp: 120782

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	25.5	21.0	31.6
92	16.7	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
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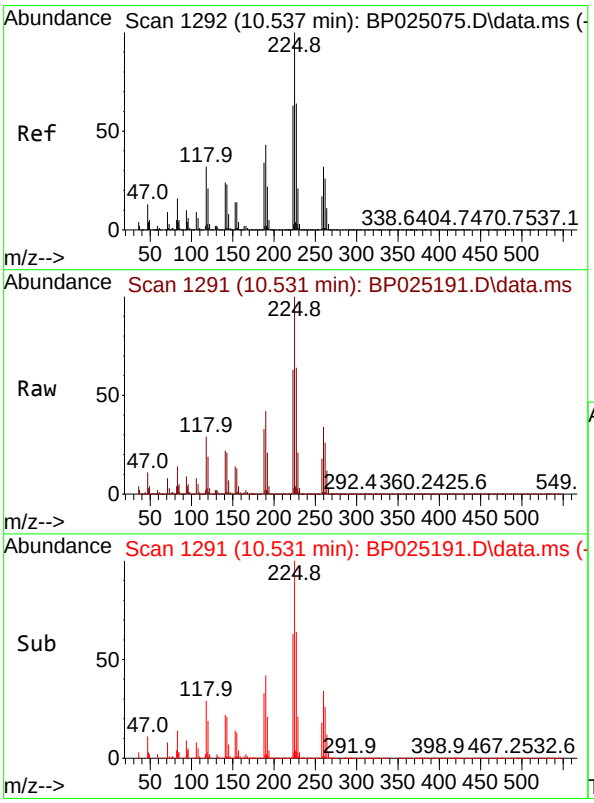
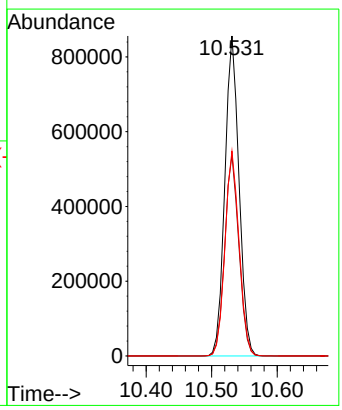
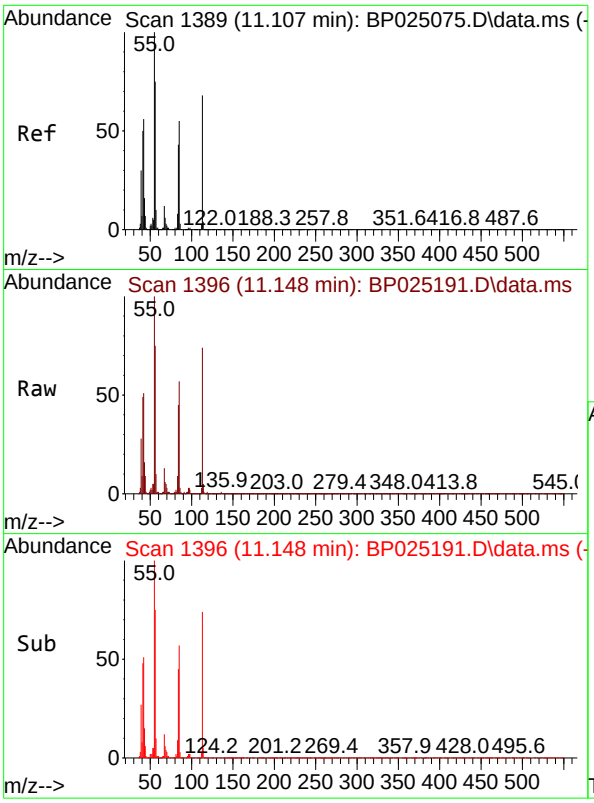


#34
Hexachlorobutadiene
Concen: 48.253 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:225 Resp: 1280173

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.0	51.3	76.9

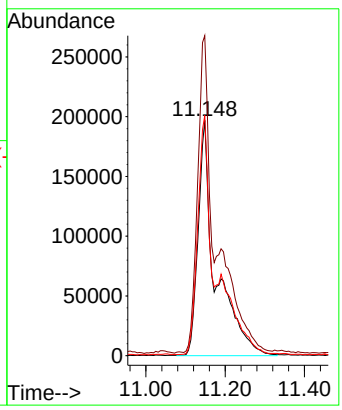




#35
Caprolactam
Concen: 42.491 ng m
RT: 11.148 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:113 Resp: 60684

Ion	Ratio	Lower	Upper
113	100		
55	136.0	128.1	168.1
56	102.1	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
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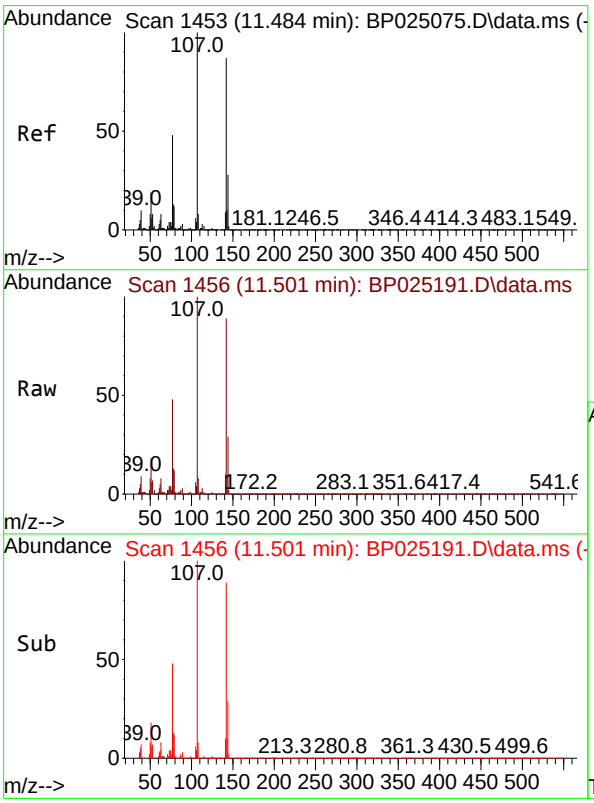
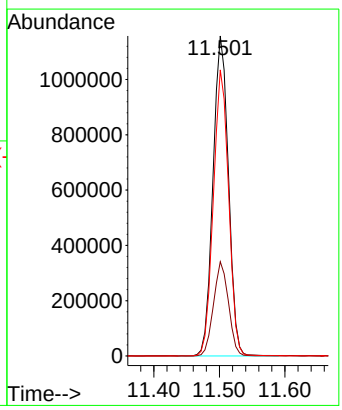
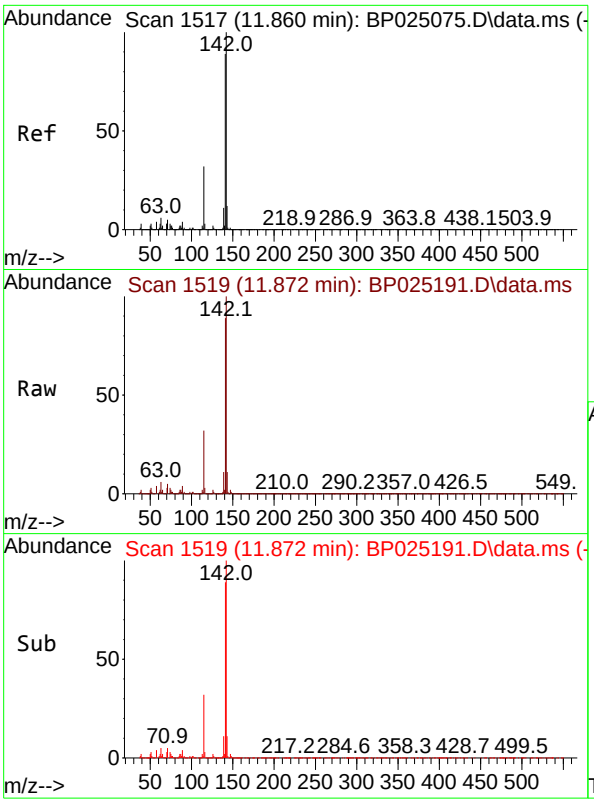


#36
4-Chloro-3-methylphenol
Concen: 43.306 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:107 Resp: 1889312

Ion	Ratio	Lower	Upper
107	100		
144	29.4	22.4	33.6
142	89.4	69.6	104.4

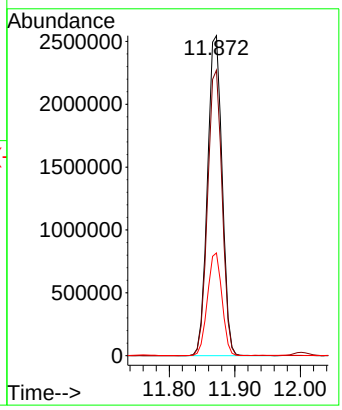




#37
2-Methylnaphthalene
Concen: 37.774 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:142 Resp: 394185

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	32.1	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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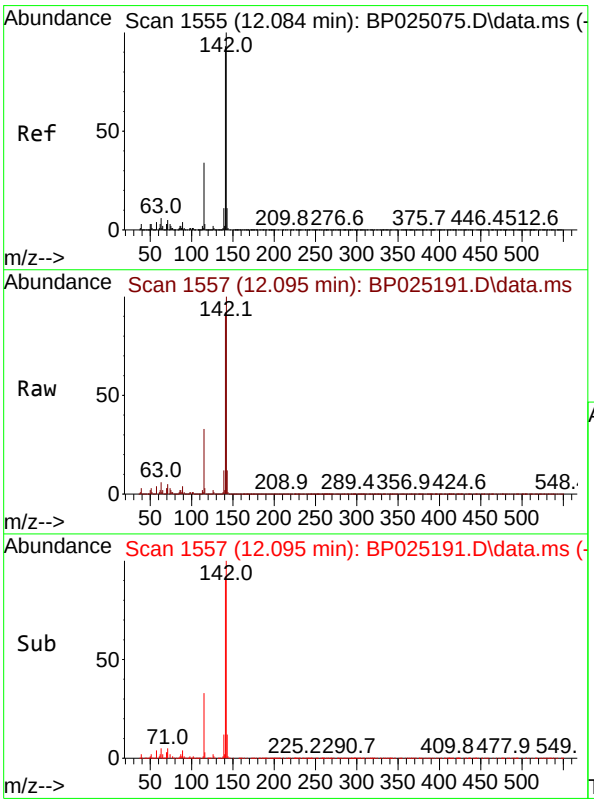
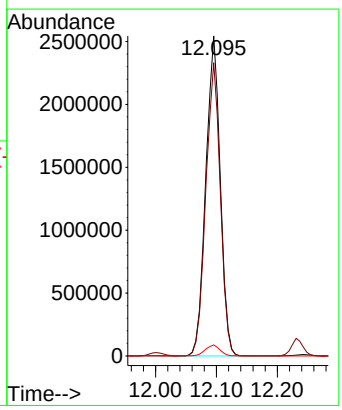
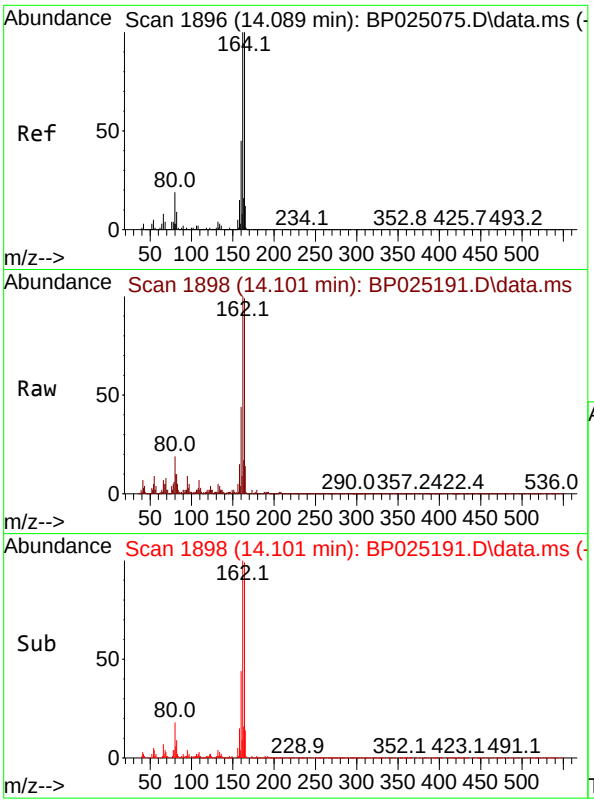


#38
1-Methylnaphthalene
Concen: 41.195 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:142 Resp: 4192599

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.1	111.1
116	3.4	2.7	4.1

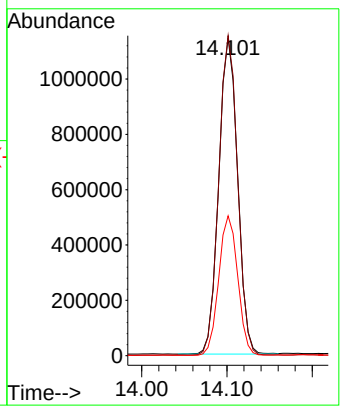




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:164 Resp: 175665

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	44.1	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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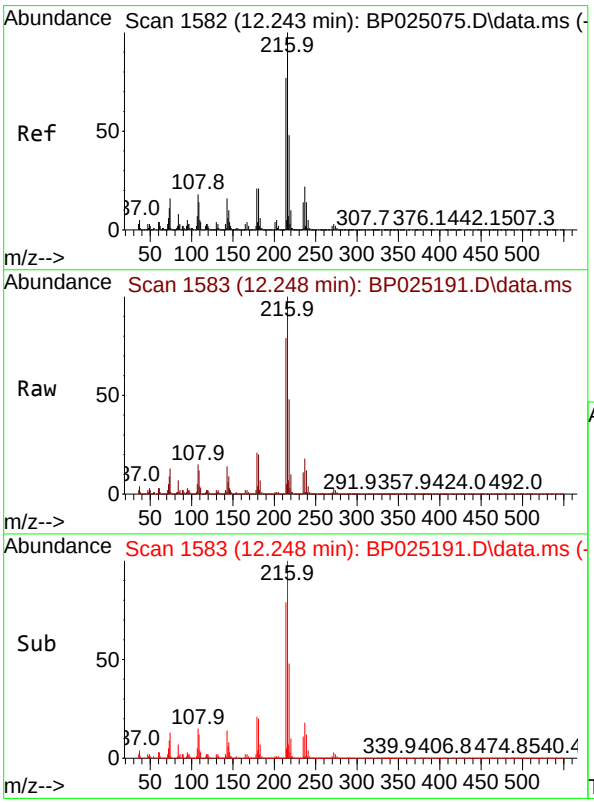
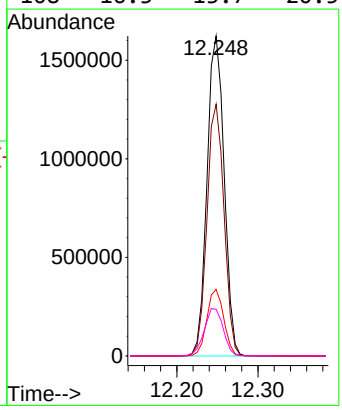
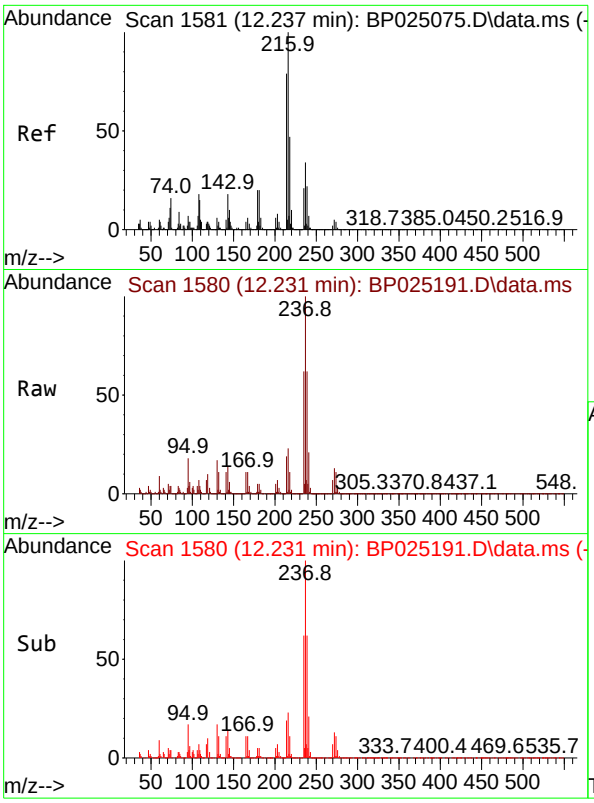


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.010 ng
RT: 12.248 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:216 Resp: 2373335

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.4	93.6
179	20.5	16.5	24.7
108	16.3	13.7	20.5





#41
Hexachlorocyclopentadiene
Concen: 124.087 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:237 Resp: 163635

Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.6	81.6
272	13.4	0.0	33.6

Instrument :
BNA_P
ClientSampleId :
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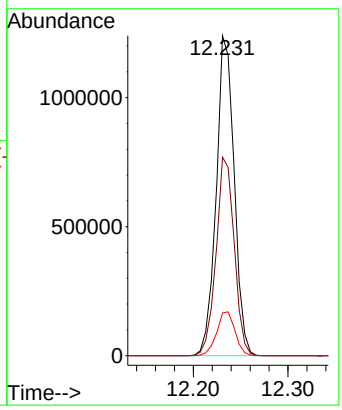
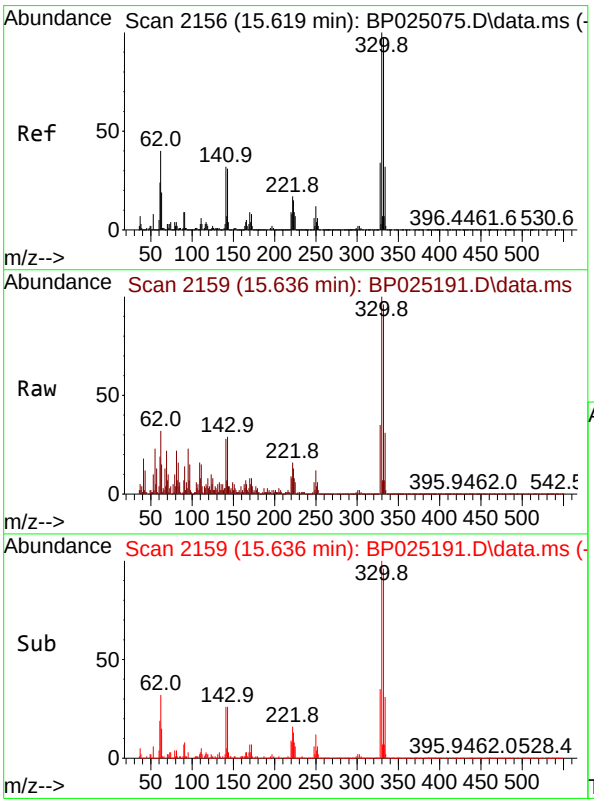
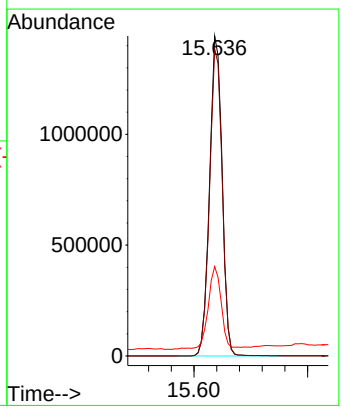


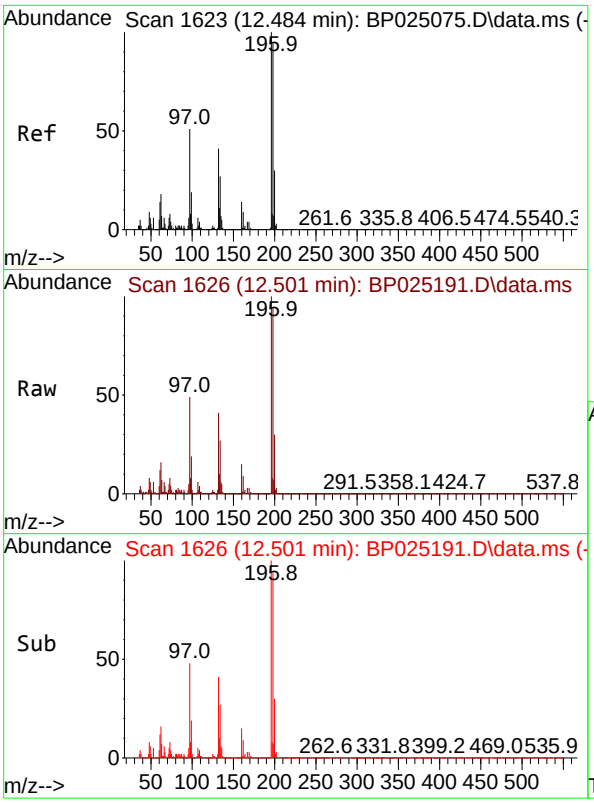


#42
2,4,6-Tribromophenol
Concen: 106.339 ng
RT: 15.636 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:330 Resp: 2206748

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	27.4	26.0	39.0

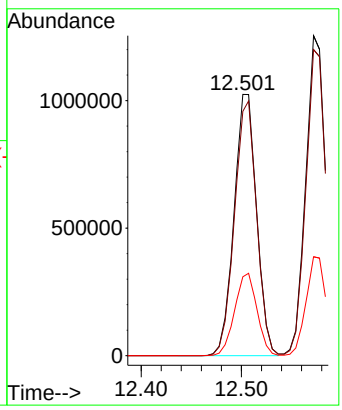




#43
2,4,6-Trichlorophenol
Concen: 52.488 ng
RT: 12.501 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:196 Resp: 160455

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.2
200	30.2	24.3	36.5



Instrument :
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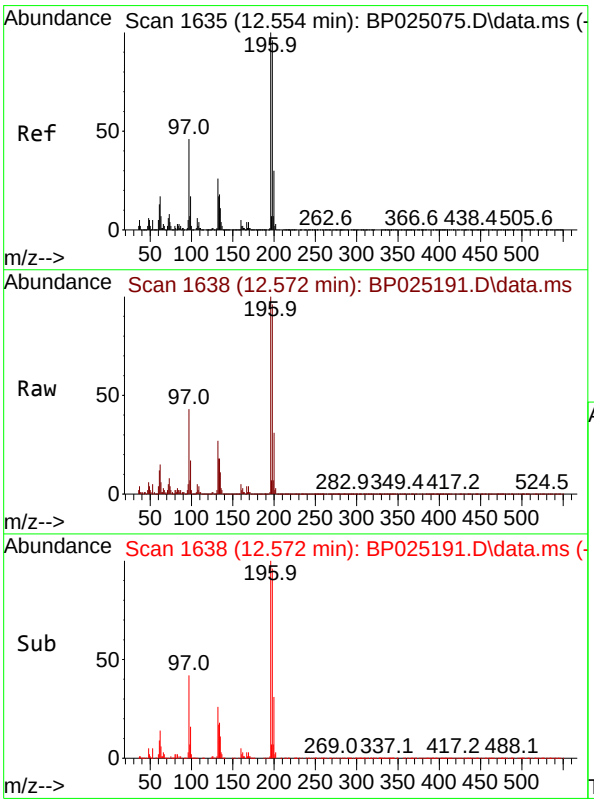
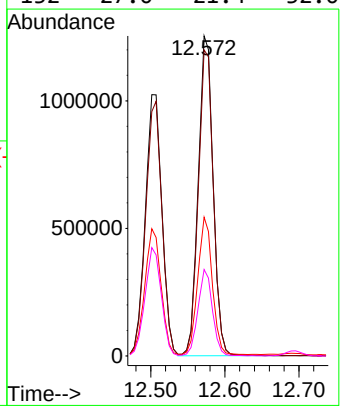
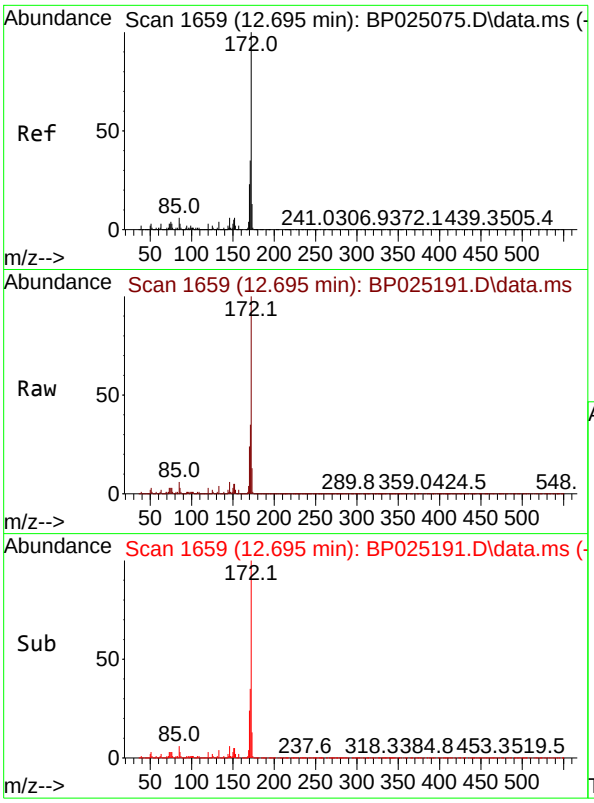


#44
2,4,5-Trichlorophenol
Concen: 50.570 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:196 Resp: 1751985

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
97	43.3	36.6	55.0
132	27.0	21.4	32.0

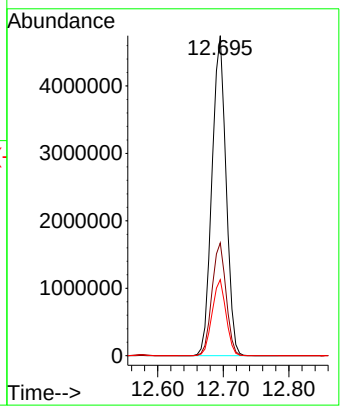




#45
2-Fluorobiphenyl
Concen: 62.342 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:172 Resp: 706918

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.8	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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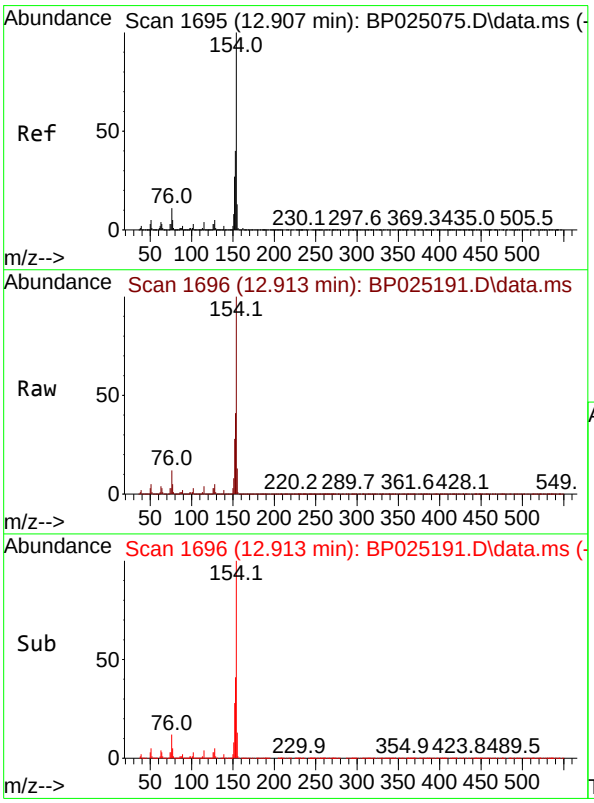
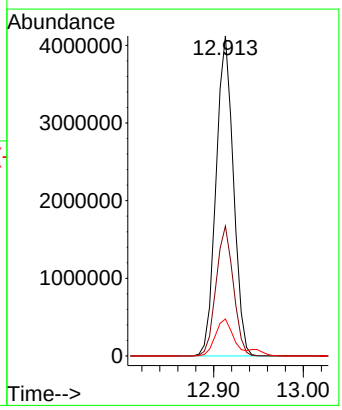
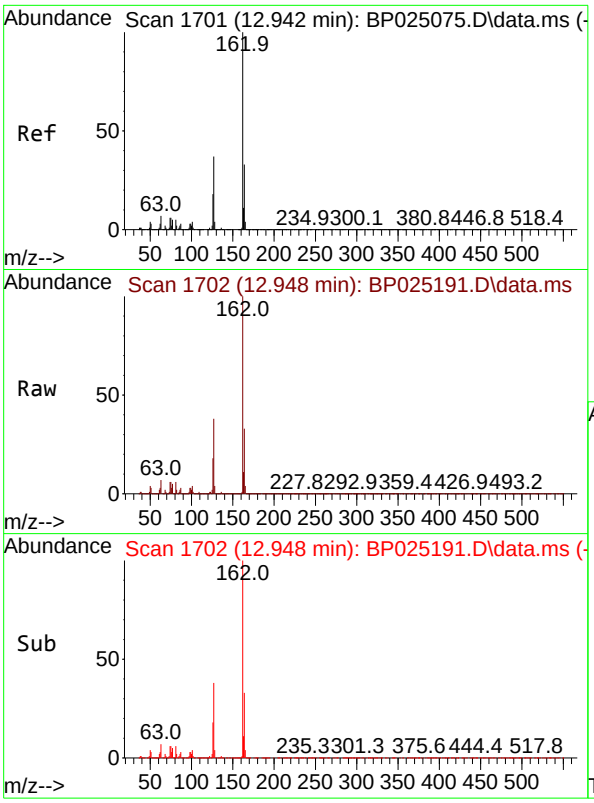


#46
1,1'-Biphenyl
Concen: 43.253 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:154 Resp: 5528311

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	11.6	0.0	31.5

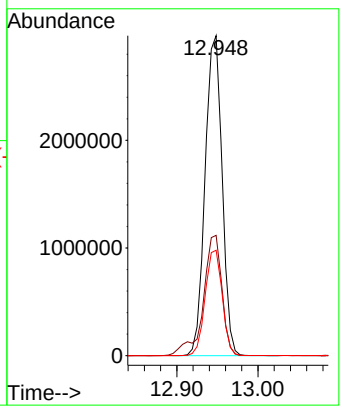




#47
2-Chloronaphthalene
Concen: 44.883 ng
RT: 12.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:162 Resp: 431168

Ion	Ratio	Lower	Upper
162	100		
127	37.6	29.4	44.2
164	33.0	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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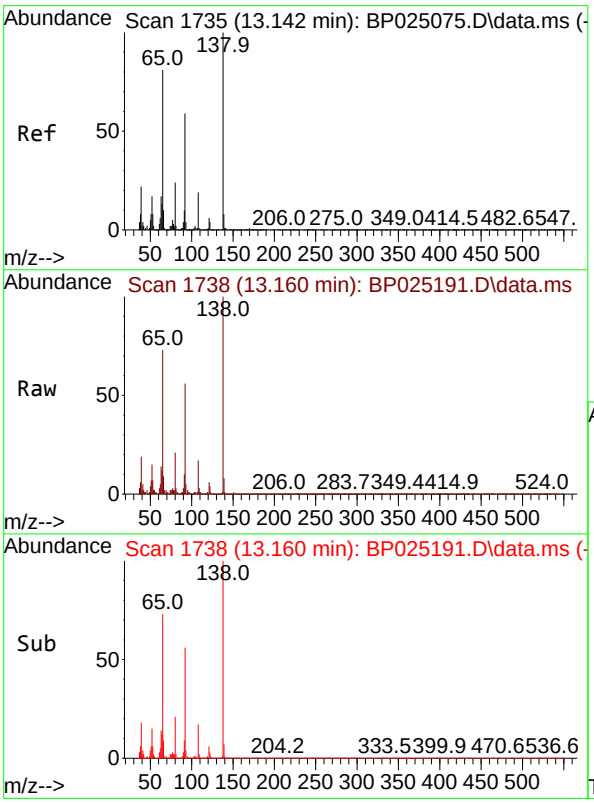
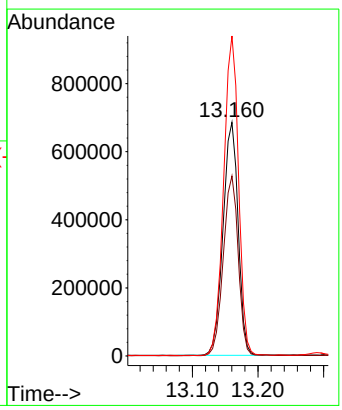
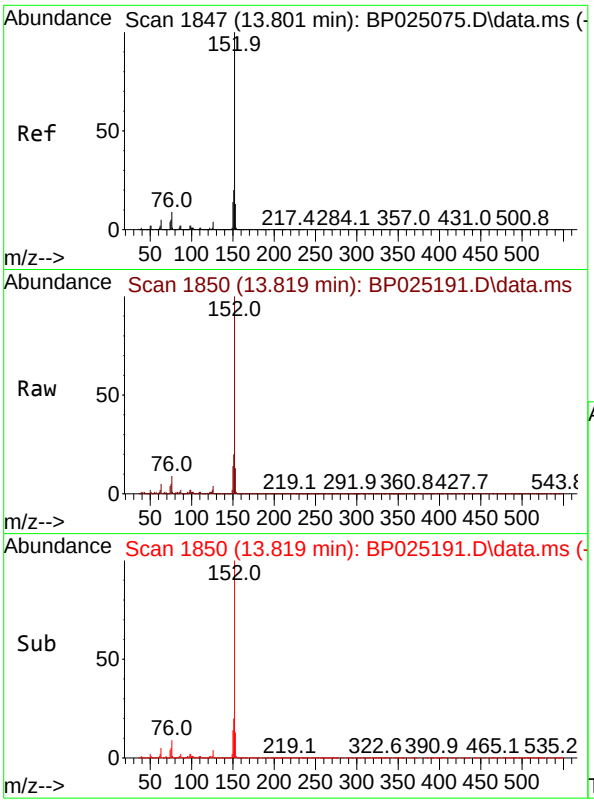


#48
2-Nitroaniline
Concen: 46.642 ng
RT: 13.160 min Scan# 1738
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion: 65 Resp: 1095633

Ion	Ratio	Lower	Upper
65	100		
92	77.0	58.7	88.1
138	137.0	99.0	148.4

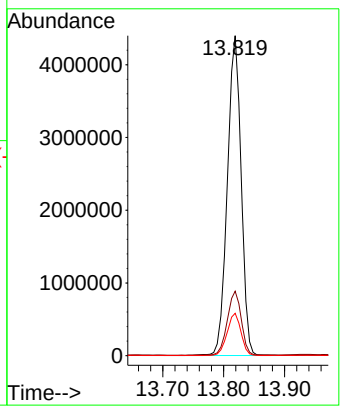




#49
Acenaphthylene
Concen: 47.062 ng
RT: 13.819 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:152 Resp: 691958

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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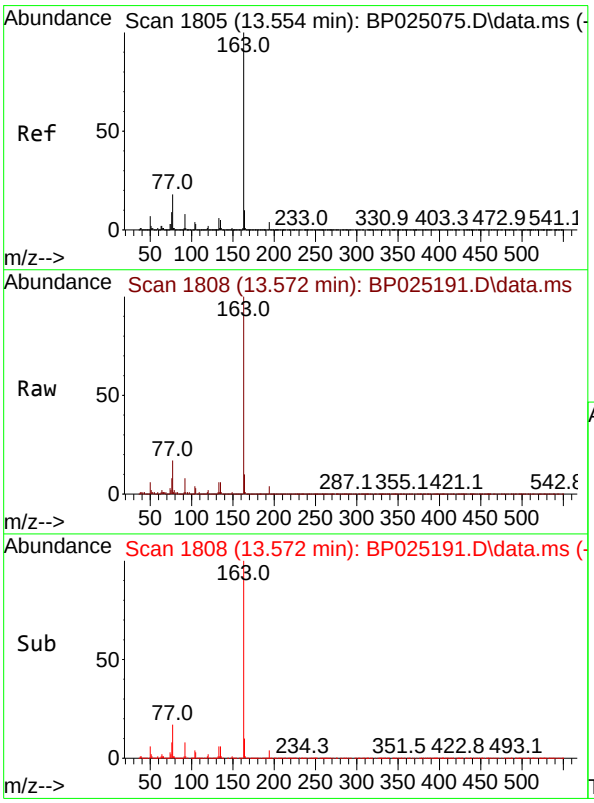
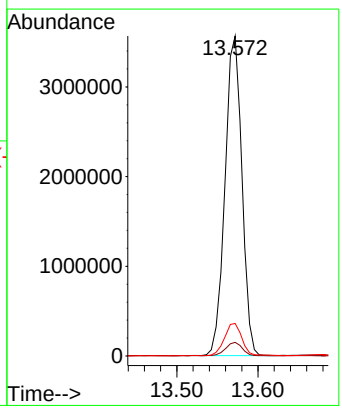
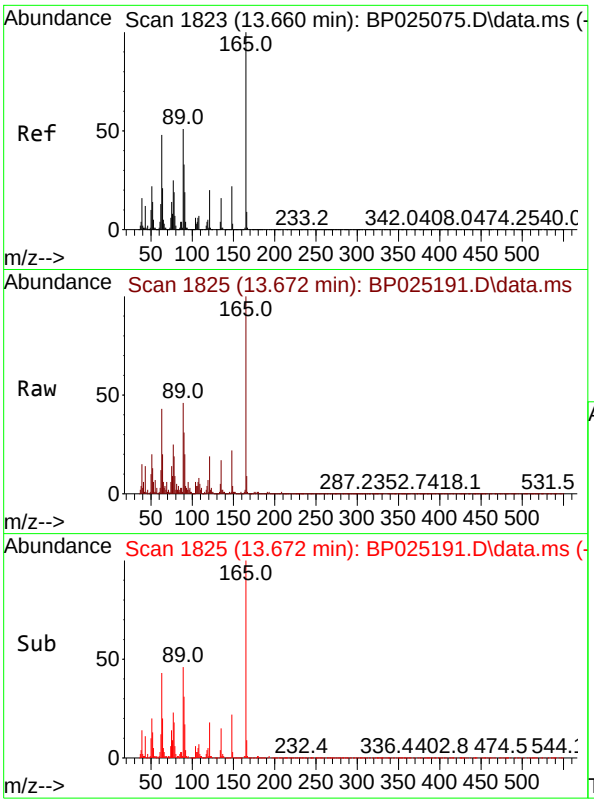


#50
Dimethylphthalate
Concen: 41.936 ng
RT: 13.572 min Scan# 1808
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:163 Resp: 5156677

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 49.721 ng
RT: 13.672 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:165 Resp: 119243

Ion	Ratio	Lower	Upper
165	100		
63	43.2	38.5	57.7
89	46.0	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
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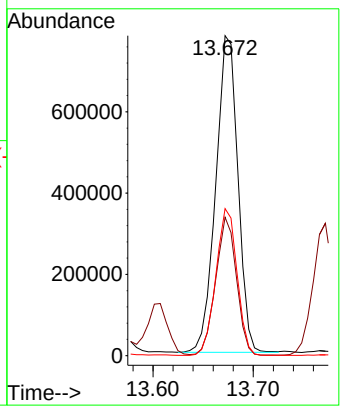
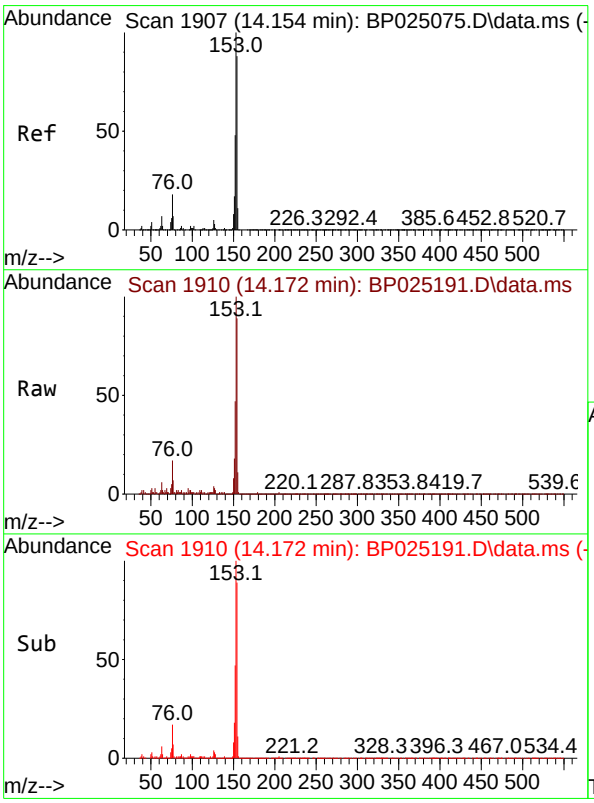
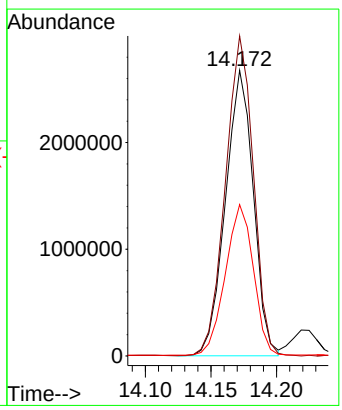


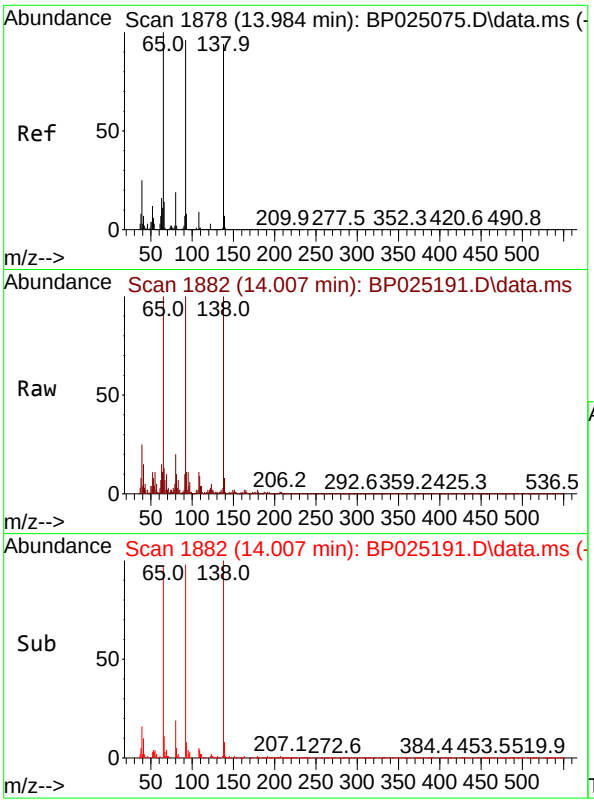


#52
Acenaphthene
Concen: 41.788 ng
RT: 14.172 min Scan# 1910
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:154 Resp: 3960058

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	136.0
152	53.0	43.8	65.8





#53
3-Nitroaniline
Concen: 39.861 ng
RT: 14.007 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:138 Resp: 102447

Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.8
92	99.9	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
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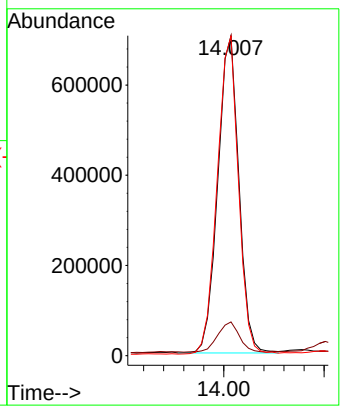
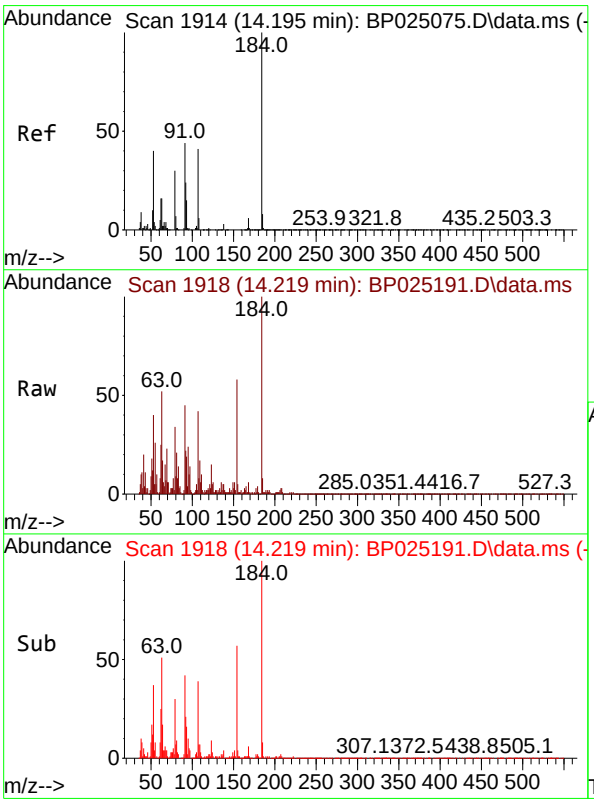
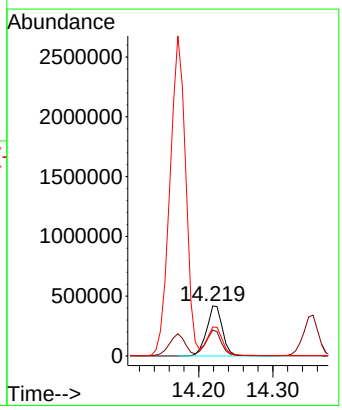


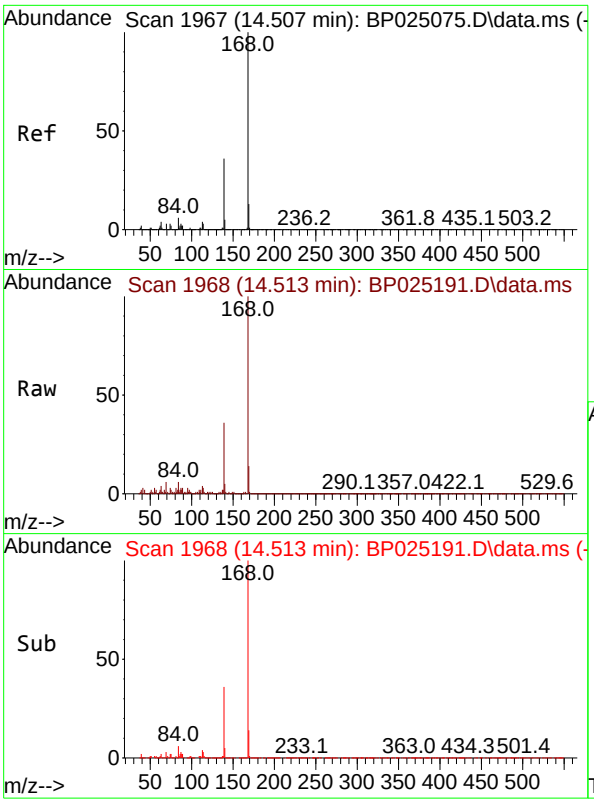


#54
2,4-Dinitrophenol
Concen: 54.804 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:184 Resp: 621018

Ion	Ratio	Lower	Upper
184	100		
63	51.7	47.4	71.0
154	57.9	47.8	71.8

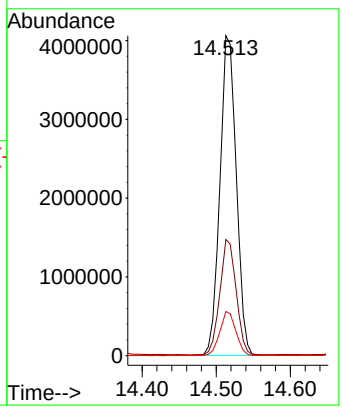




#55
Dibenzofuran
Concen: 39.862 ng
RT: 14.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:168 Resp: 623420

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	13.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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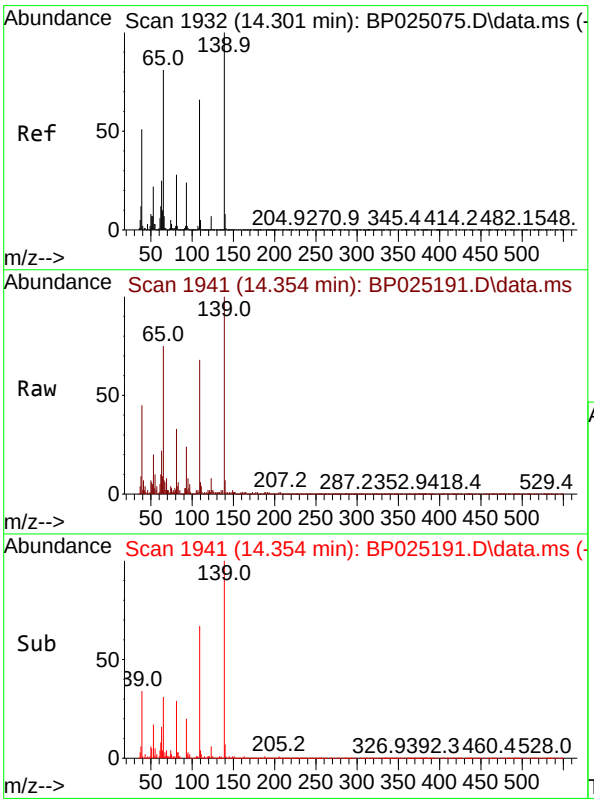
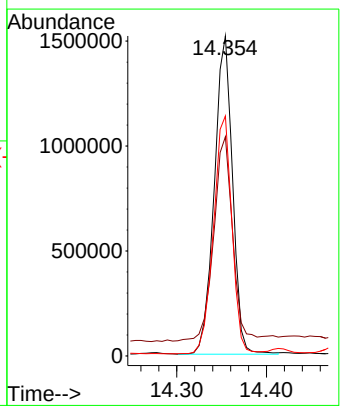
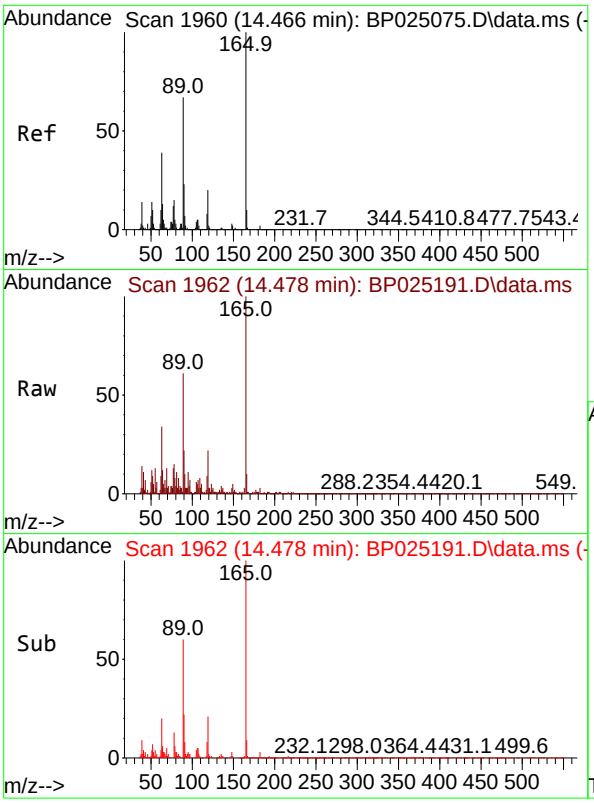


#56
4-Nitrophenol
Concen: 90.057 ng
RT: 14.354 min Scan# 1941
Delta R.T. 0.053 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:139 Resp: 2135992

Ion	Ratio	Lower	Upper
139	100		
109	68.5	45.9	85.9
65	75.0	61.4	101.4

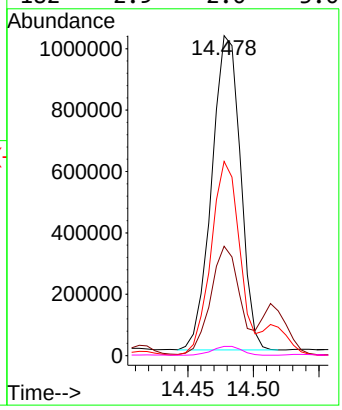




#57
2,4-Dinitrotoluene
Concen: 44.595 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:165 Resp: 156264

Ion	Ratio	Lower	Upper
165	100		
63	34.2	31.0	46.4
89	60.7	53.4	80.0
182	2.9	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
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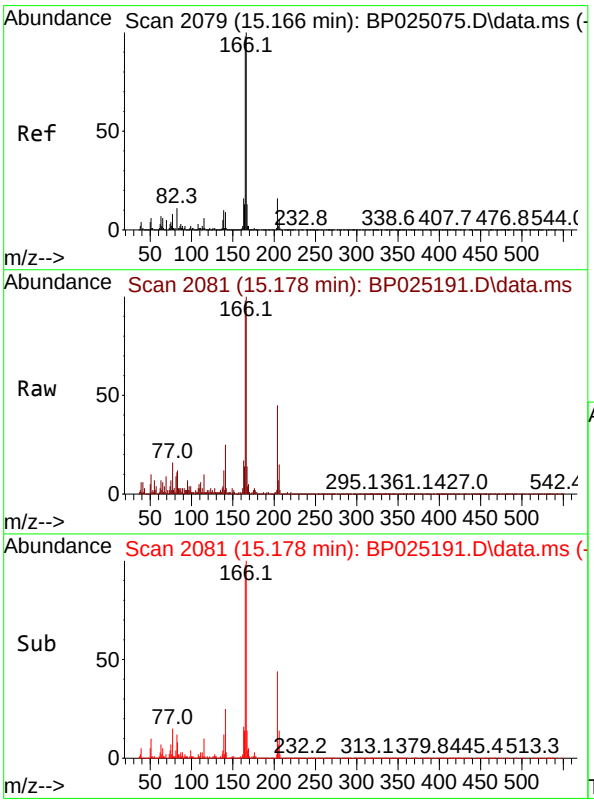
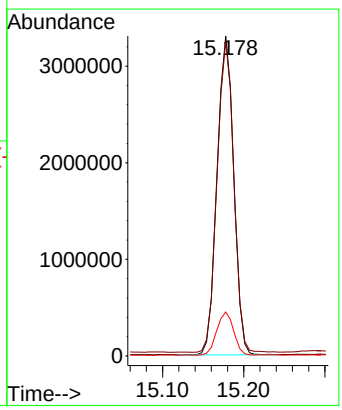
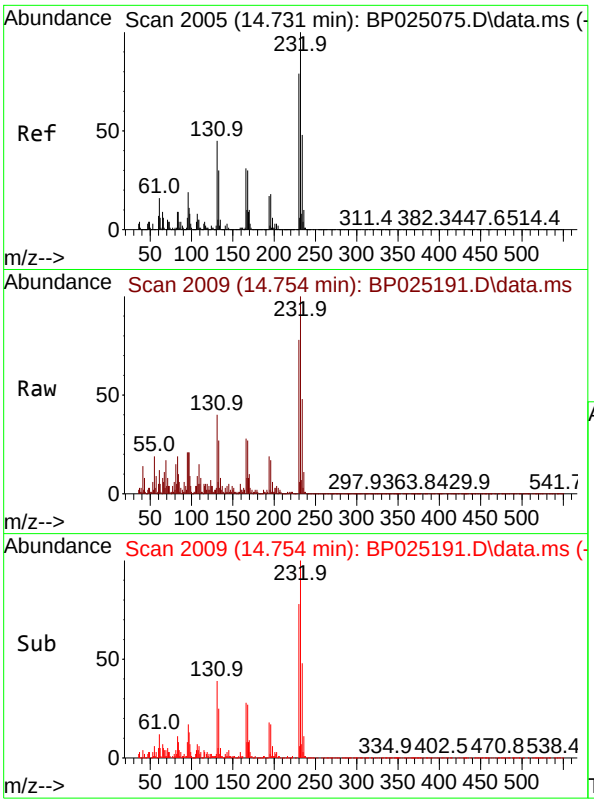


#58
Fluorene
Concen: 39.181 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:166 Resp: 4739613

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.8	10.7	16.1

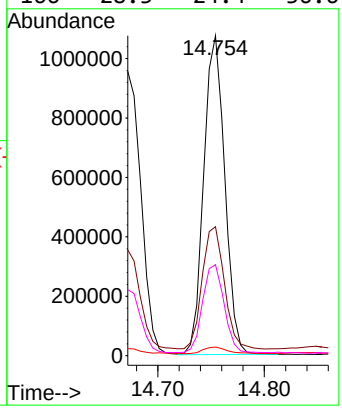




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.065 ng
RT: 14.754 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:232 Resp: 147659

Ion	Ratio	Lower	Upper
232	100		
131	40.8	35.7	53.5
130	2.5	1.8	2.6
166	28.3	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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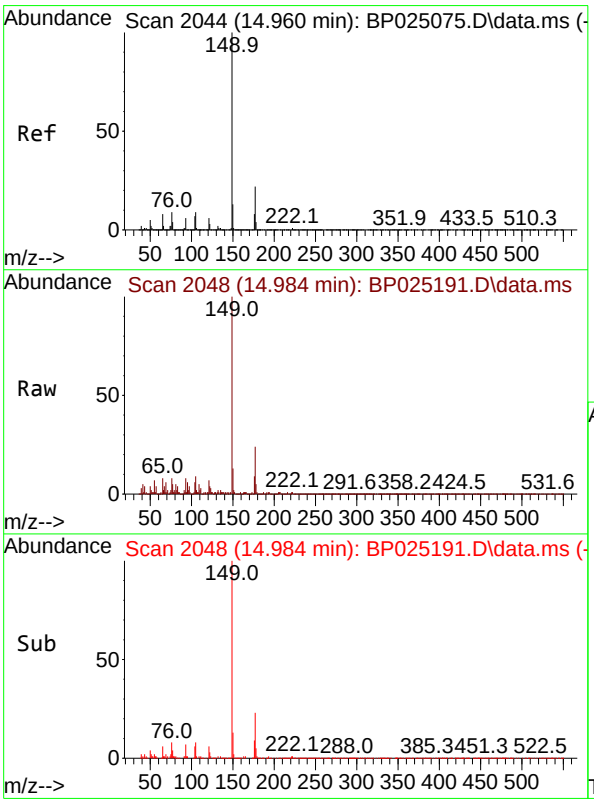
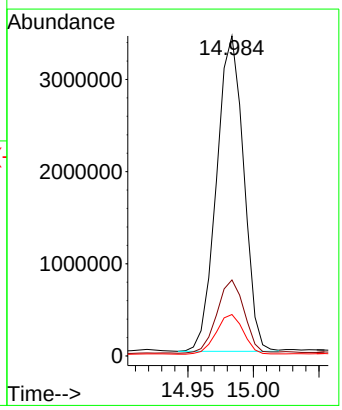
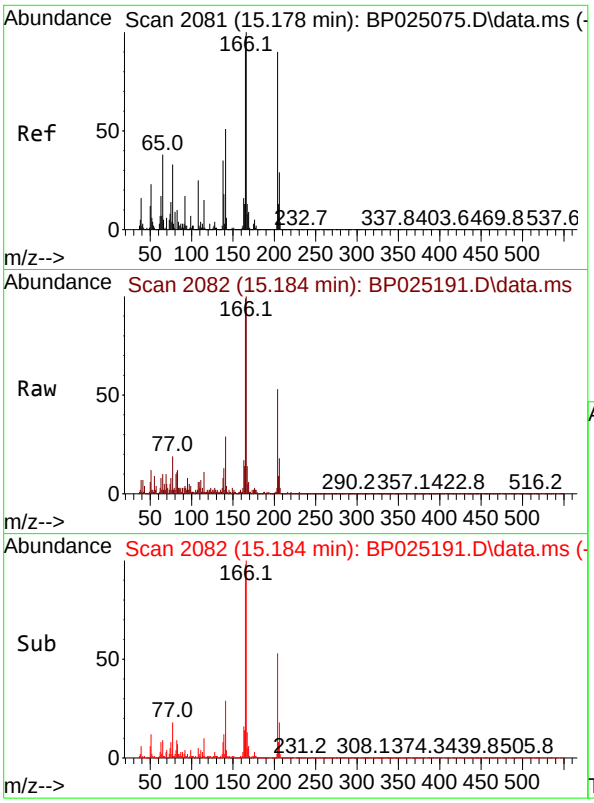


#60
Diethylphthalate
Concen: 39.903 ng
RT: 14.984 min Scan# 2048
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:149 Resp: 4928178

Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.8	26.8
150	13.0	10.2	15.2

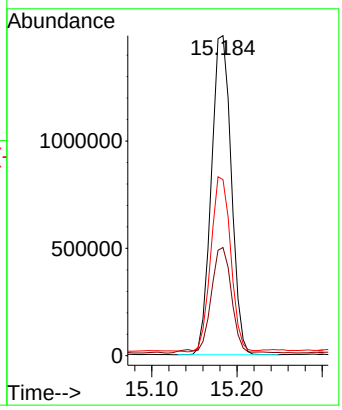




#61
4-Chlorophenyl-phenylether
Concen: 40.411 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:204 Resp: 241917

Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.6
141	55.0	45.1	67.7



Instrument :
BNA_P
ClientSampleId :
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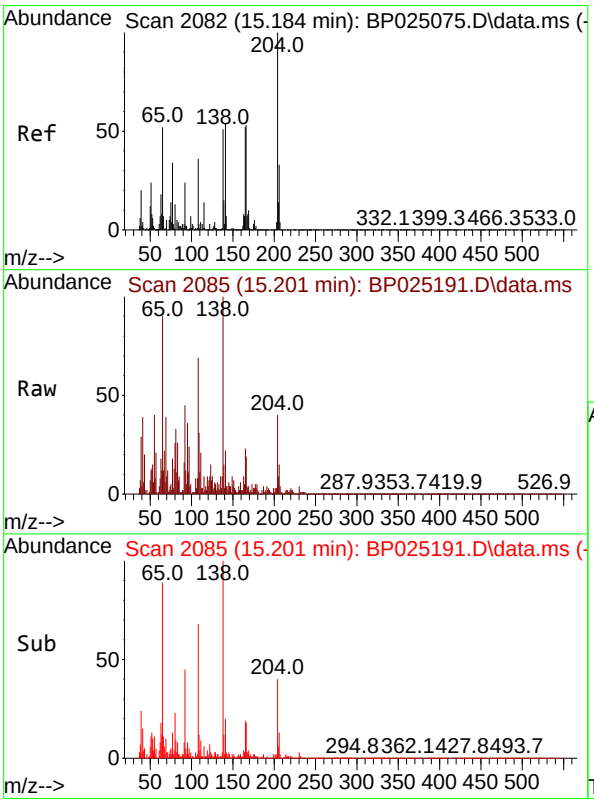
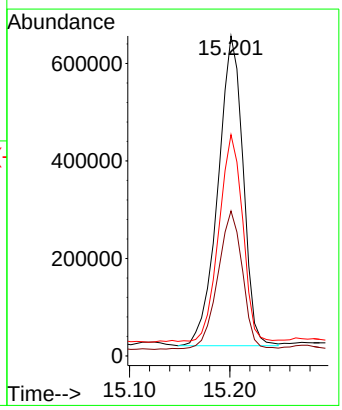
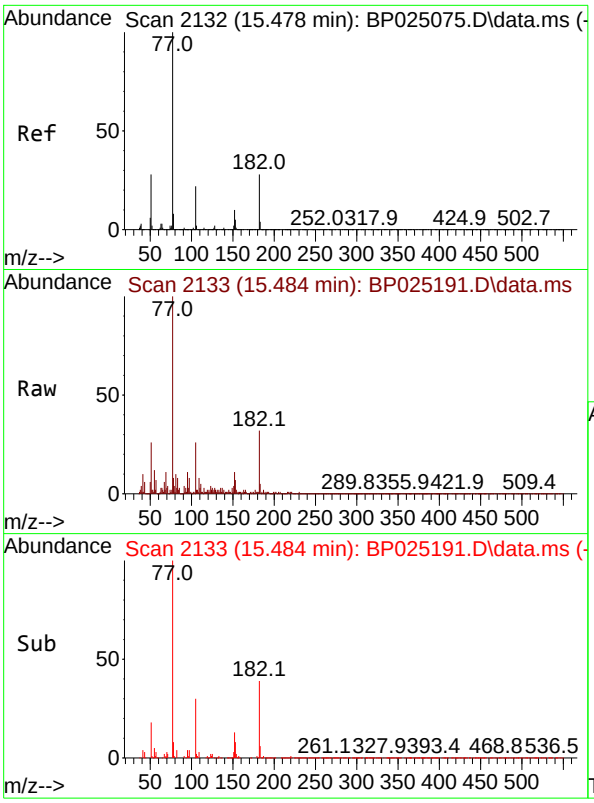


#62
4-Nitroaniline
Concen: 40.986 ng
RT: 15.201 min Scan# 2085
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:138 Resp: 1104551

Ion	Ratio	Lower	Upper
138	100		
92	45.3	26.0	66.0
108	69.1	50.0	90.0





#63
Azobenzene
Concen: 37.780 ng
RT: 15.484 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Tgt Ion: 77 Resp: 415499

Ion	Ratio	Lower	Upper
77	100		
182	31.9	7.7	47.7
105	25.9	1.9	41.9
51	26.4	8.2	48.2

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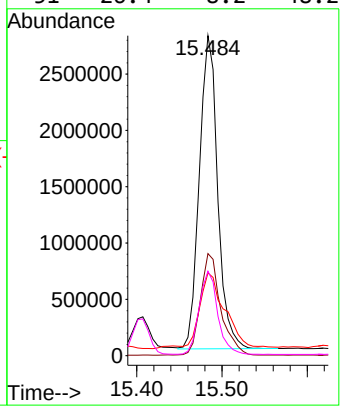
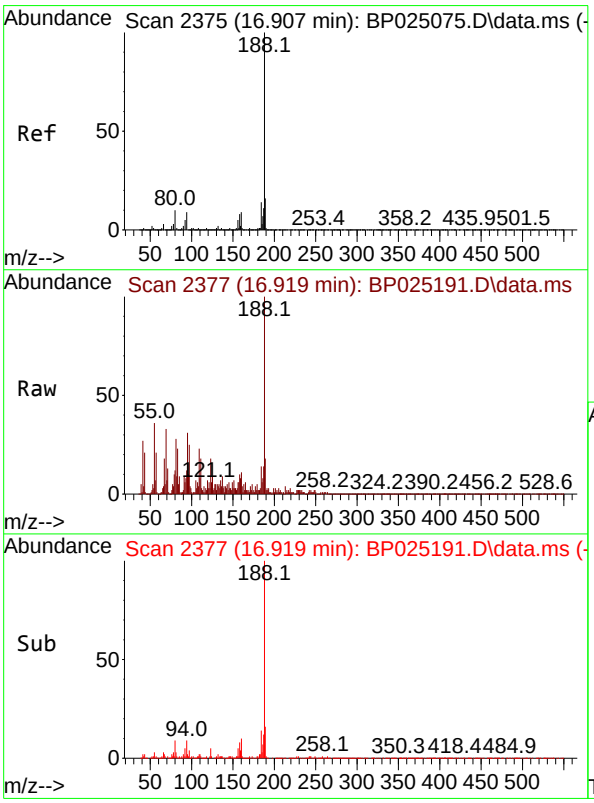
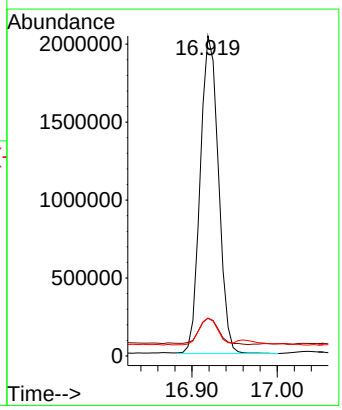


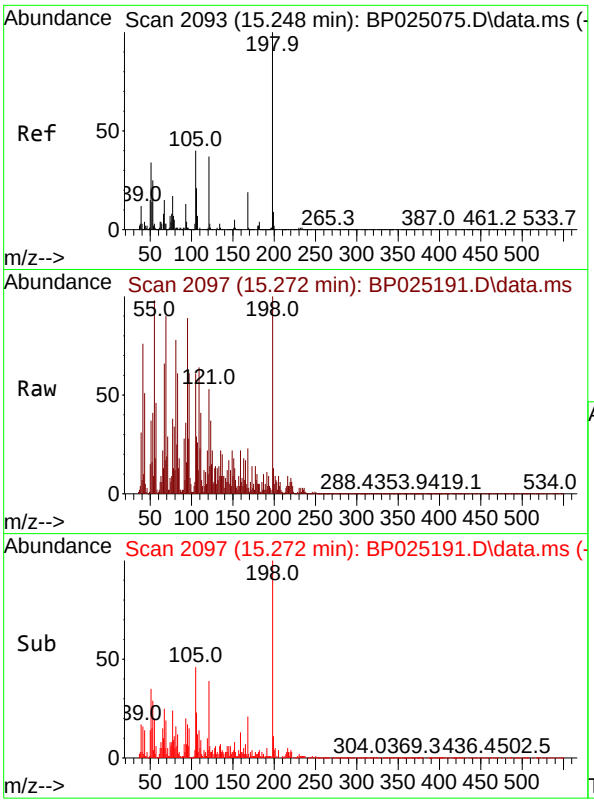


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:188 Resp: 3030587

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.3	10.9#
80	11.8	7.8	11.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 34.294 ng
RT: 15.272 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:198 Resp: 44808

Ion	Ratio	Lower	Upper
198	100		
51	37.1	16.8	56.8
105	61.0	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
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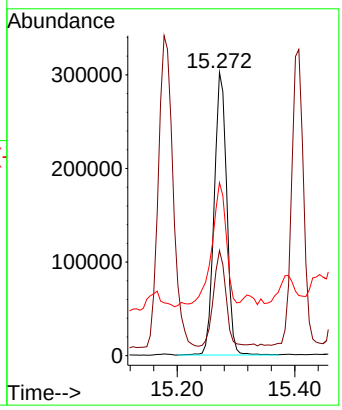
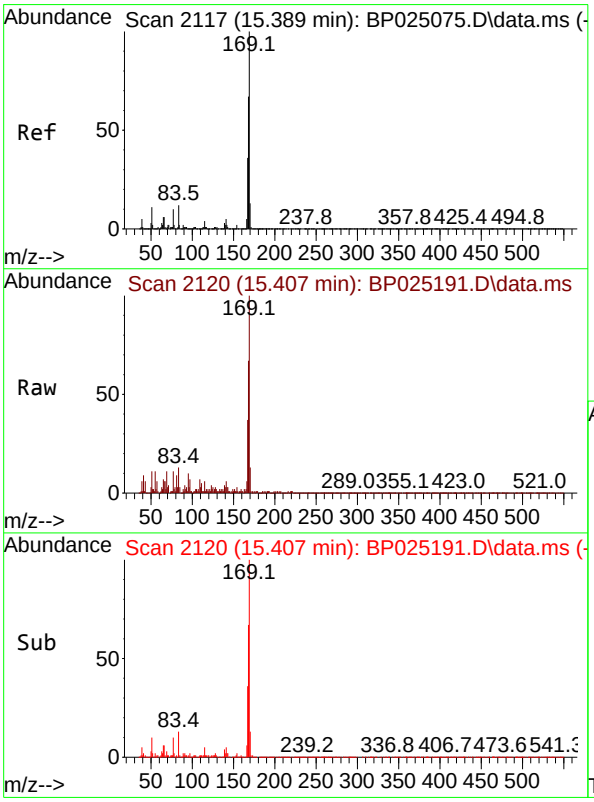
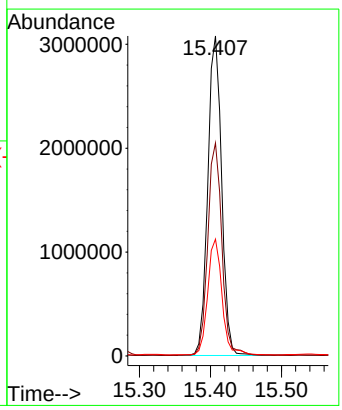


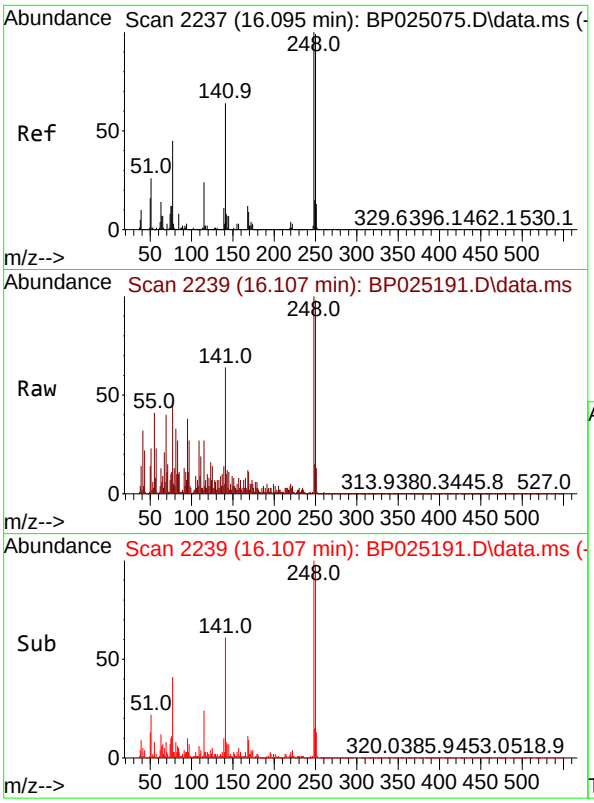


#66
n-Nitrosodiphenylamine
Concen: 48.018 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:169 Resp: 4164623

Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.1	81.1
167	36.5	29.0	43.6

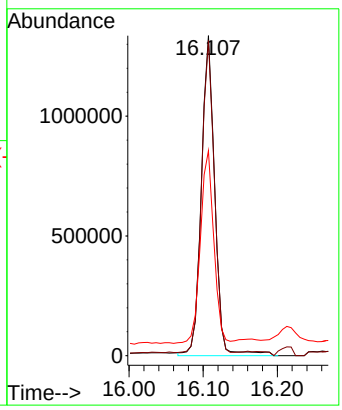




#67
4-Bromophenyl-phenylether
Concen: 54.240 ng
RT: 16.107 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:248 Resp: 168306

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	64.1	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
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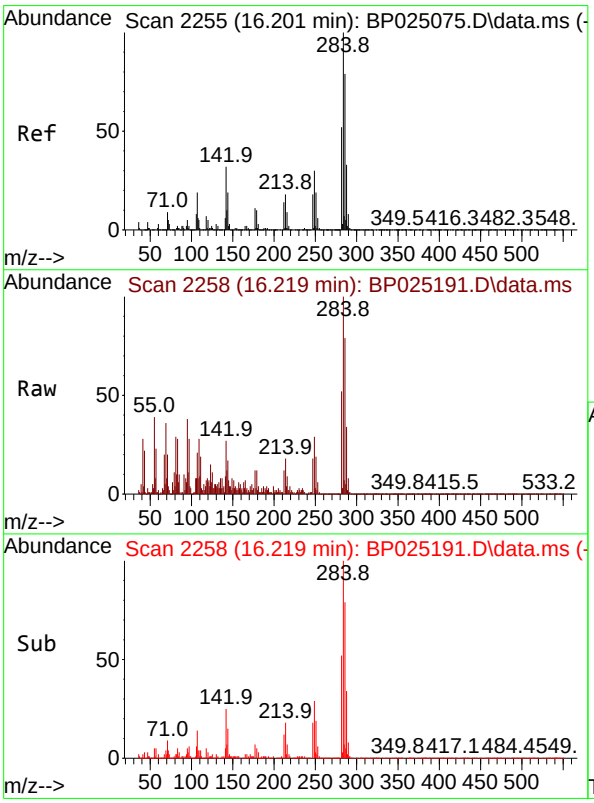
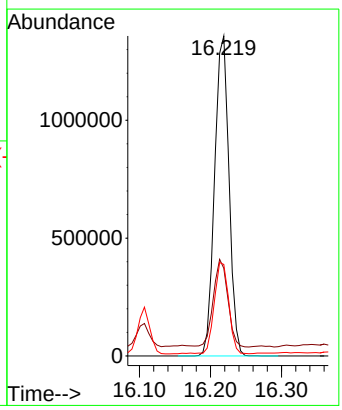
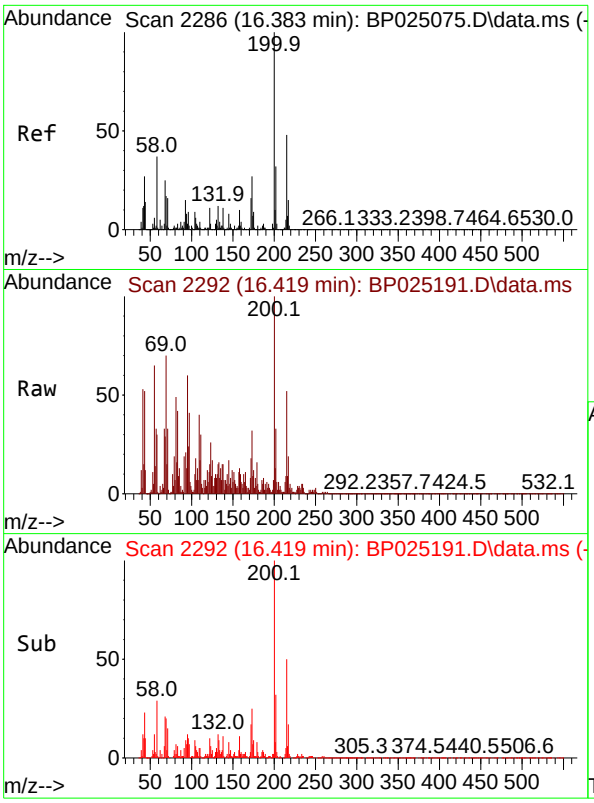


#68
Hexachlorobenzene
Concen: 50.202 ng
RT: 16.219 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:284 Resp: 1904013

Ion	Ratio	Lower	Upper
284	100		
142	27.4	25.9	38.9
249	28.6	23.8	35.8

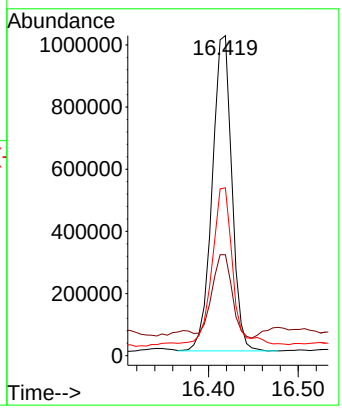




#69
Atrazine
Concen: 60.543 ng
RT: 16.419 min Scan# 2
Delta R.T. 0.035 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:200 Resp: 153869

Ion	Ratio	Lower	Upper
200	100		
173	31.6	6.6	46.6
215	52.5	28.0	68.0



Instrument :
BNA_P
ClientSampleId :
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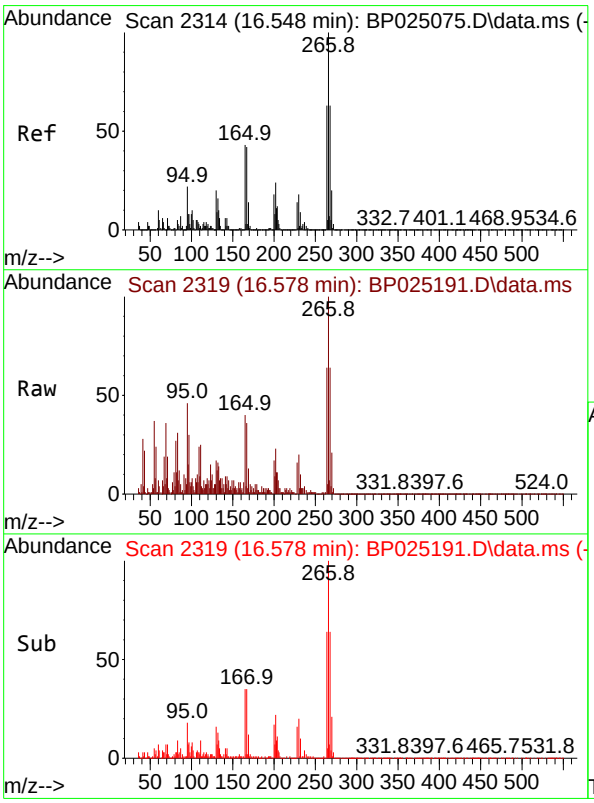
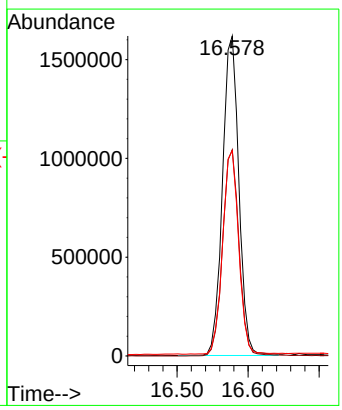
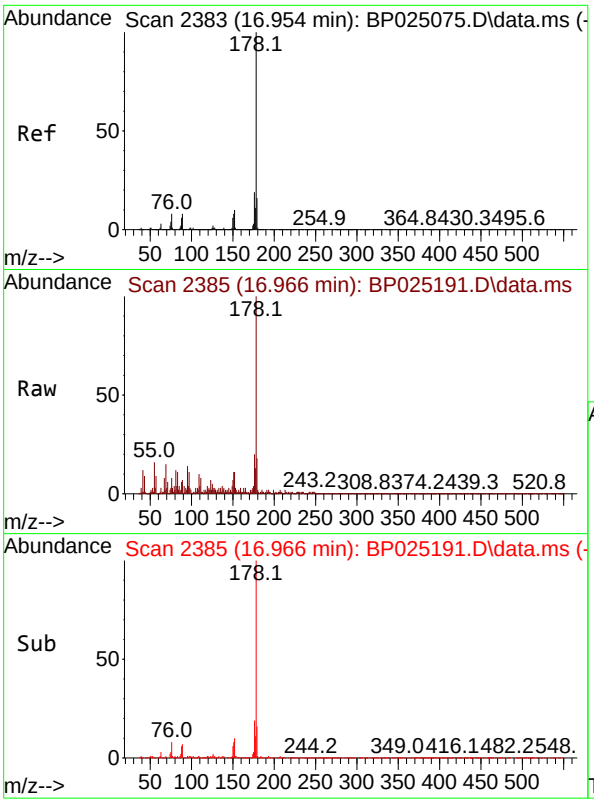


#70
Pentachlorophenol
Concen: 100.408 ng
RT: 16.578 min Scan# 2319
Delta R.T. 0.029 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:266 Resp: 2571871

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.4	75.6
264	64.2	50.2	75.2

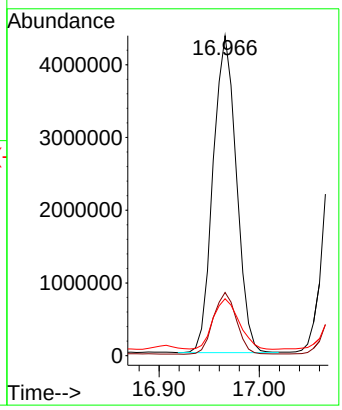




#71
Phenanthrene
Concen: 43.460 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:178 Resp: 703784

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	17.8	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
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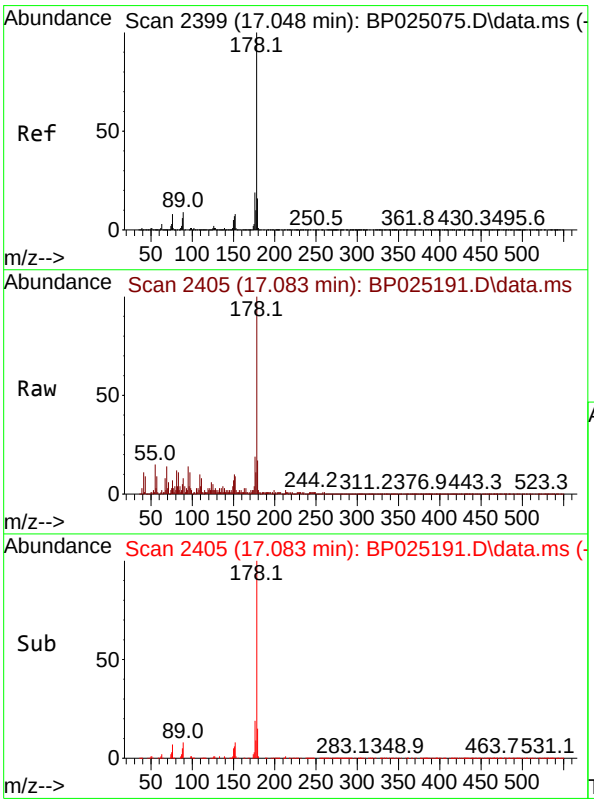
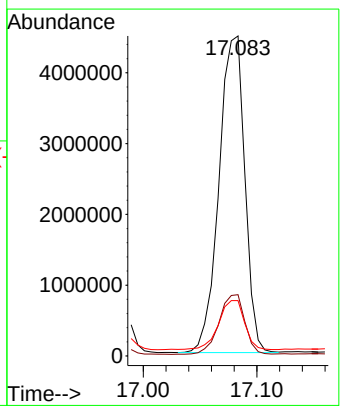
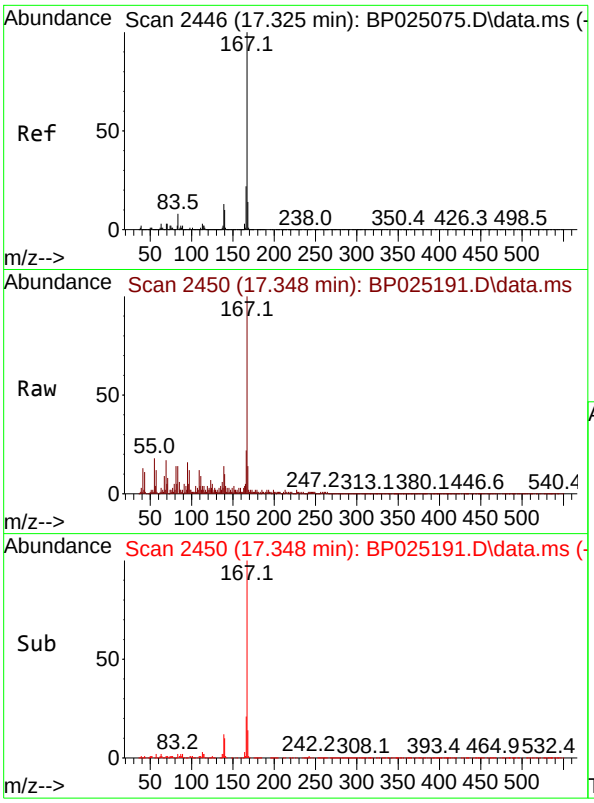


#72
Anthracene
Concen: 45.470 ng
RT: 17.083 min Scan# 2405
Delta R.T. 0.035 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:178 Resp: 7064103

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	17.3	12.5	18.7

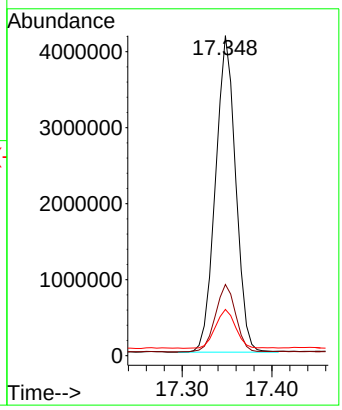




#73
Carbazole
Concen: 42.843 ng
RT: 17.348 min Scan# 24
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:167 Resp: 650785

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.4	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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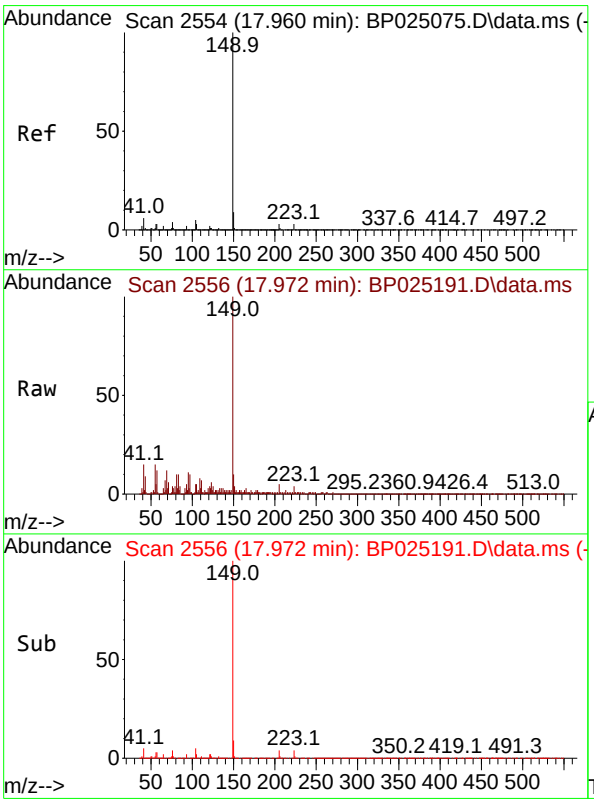
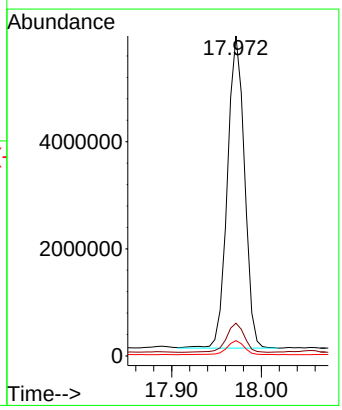
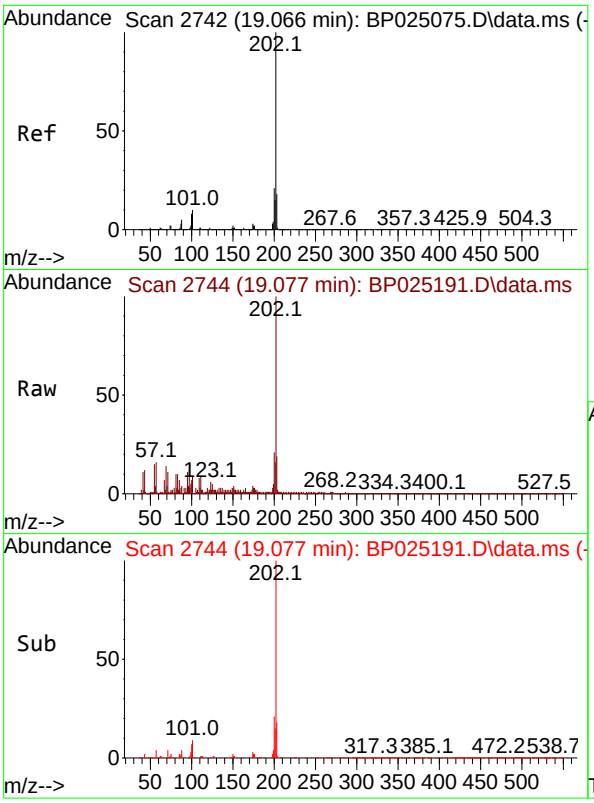


#74
Di-n-butylphthalate
Concen: 45.628 ng
RT: 17.972 min Scan# 2556
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:149 Resp: 7718219

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.3	10.9
104	4.8	3.8	5.6





#75
Fluoranthene
Concen: 44.692 ng
RT: 19.077 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:202 Resp: 845972

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.4
203	18.8	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations
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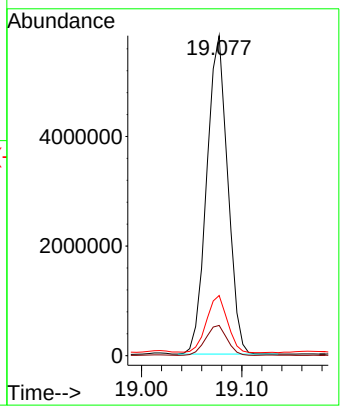
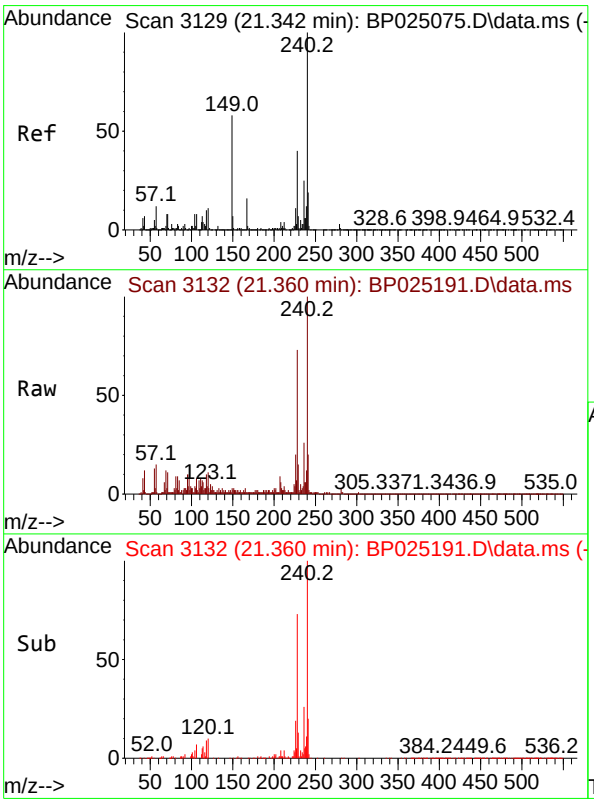
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

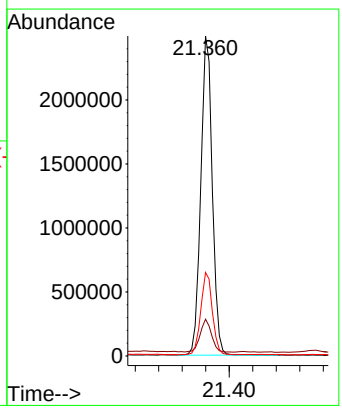


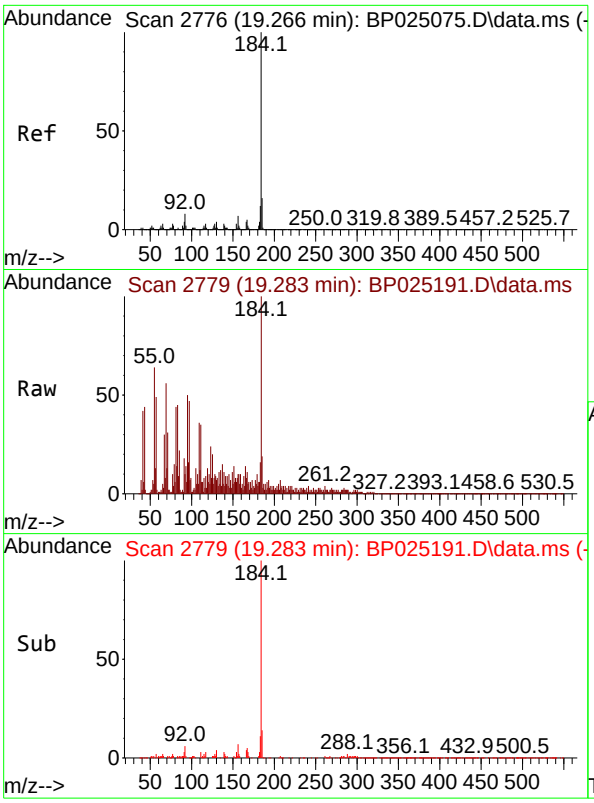


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:240 Resp: 3384853

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	26.1	20.3	30.5

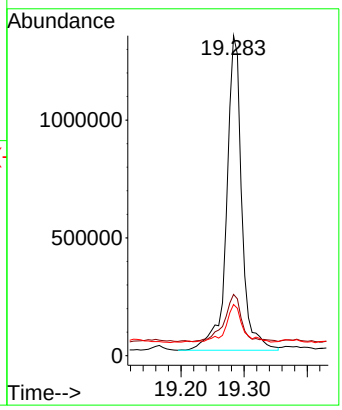




#77
Benzidine
Concen: 37.148 ng
RT: 19.283 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:184 Resp: 222074

Ion	Ratio	Lower	Upper
184	100		
185	19.2	12.6	18.8
183	16.0	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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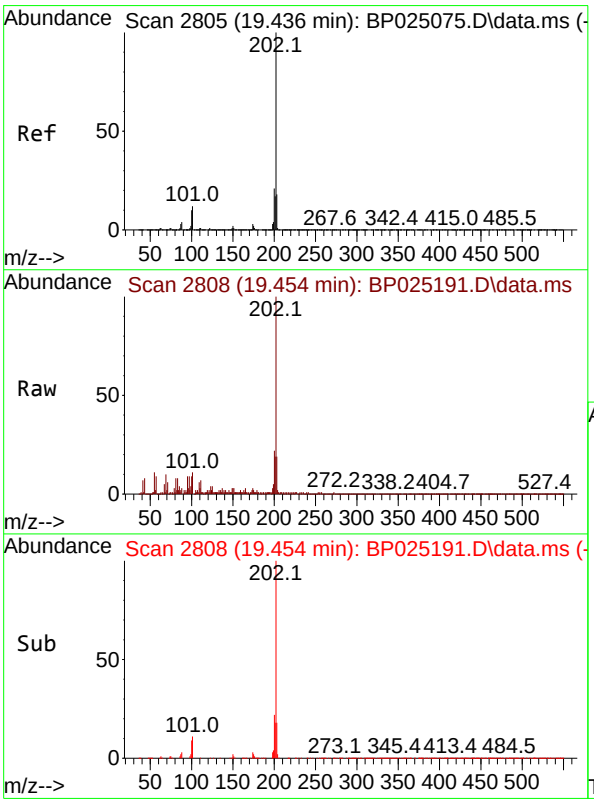
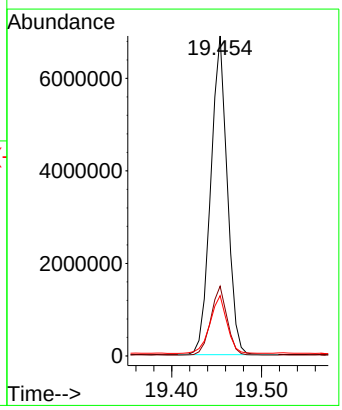
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

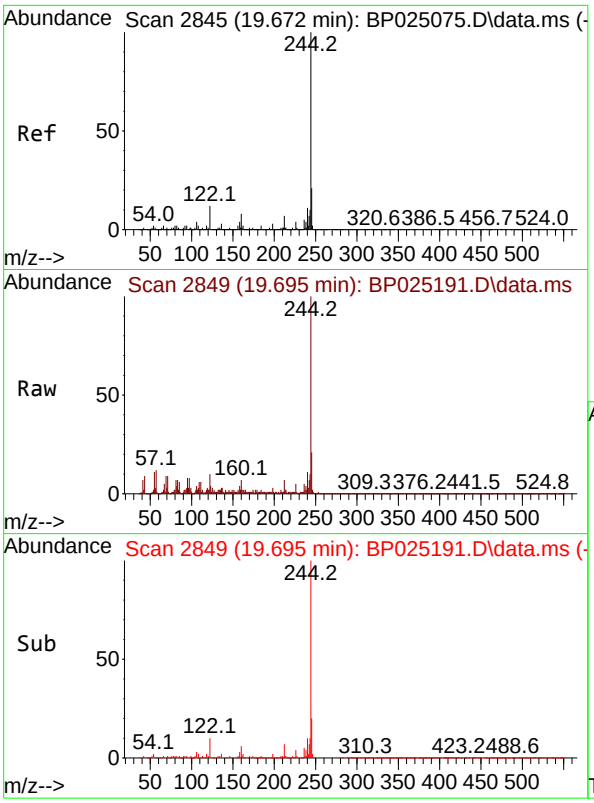


#78
Pyrene
Concen: 41.928 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:202 Resp: 8790194

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	18.8	14.1	21.1

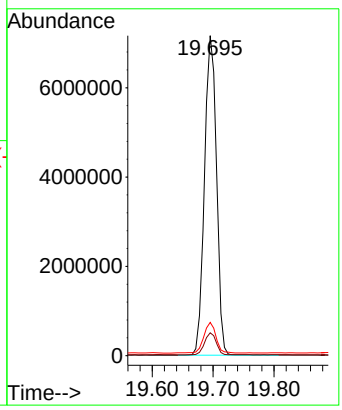




#79
Terphenyl-d14
Concen: 63.880 ng
RT: 19.695 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:244 Resp: 983821

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.4	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations
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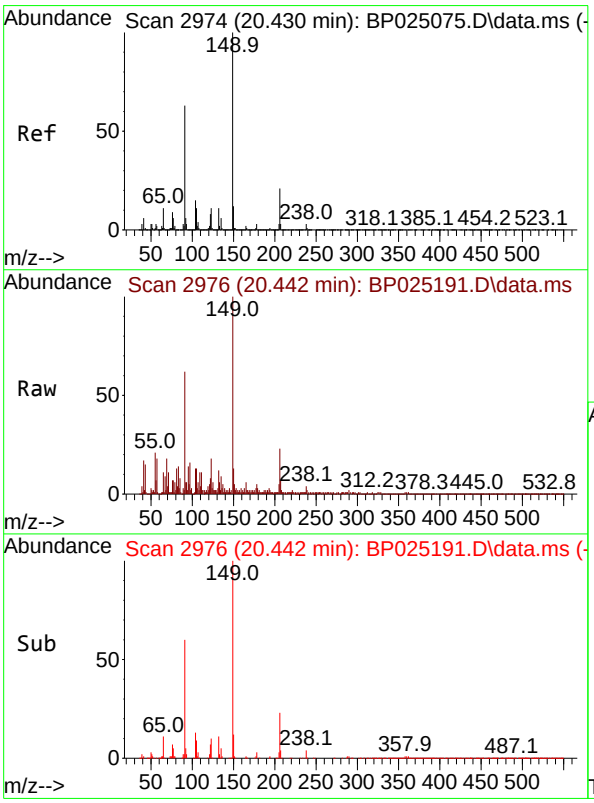
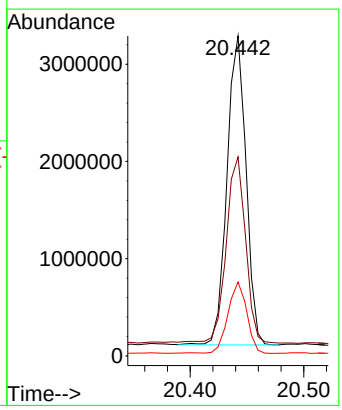
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

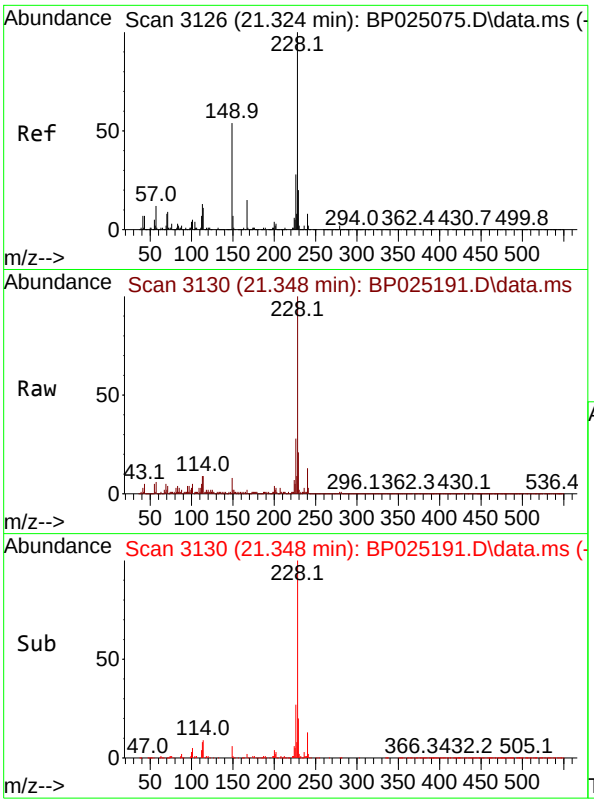


#80
Butylbenzylphthalate
Concen: 45.960 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:149 Resp: 3698659

Ion	Ratio	Lower	Upper
149	100		
91	62.2	50.6	76.0
206	23.1	17.2	25.8

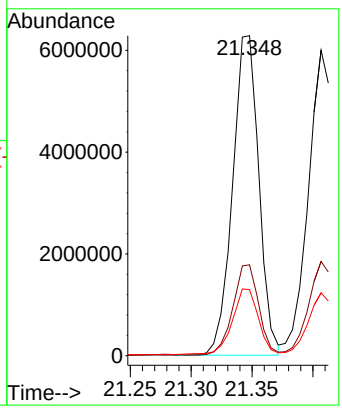




#81
Benzo(a)anthracene
Concen: 45.817 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:228 Resp: 939832

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.7	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations
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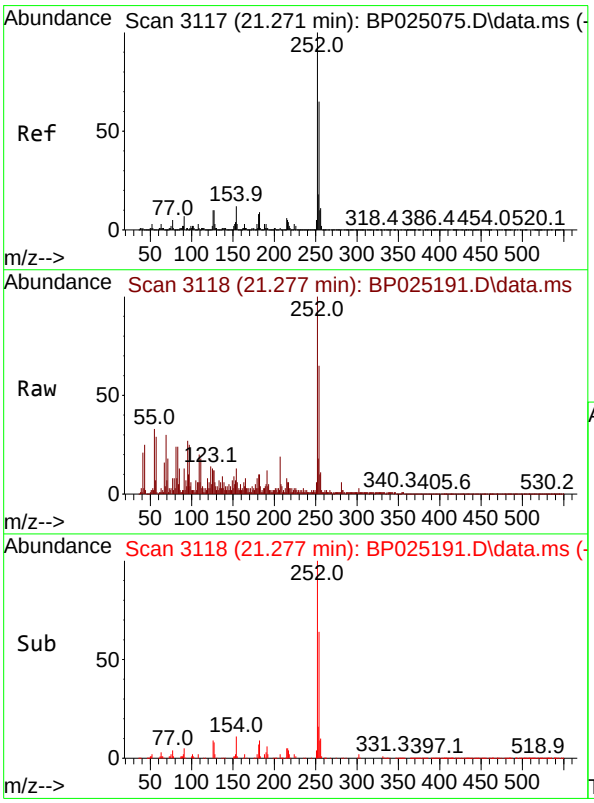
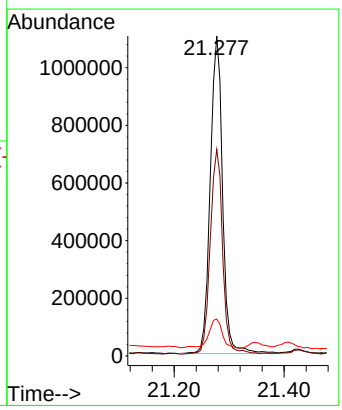
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

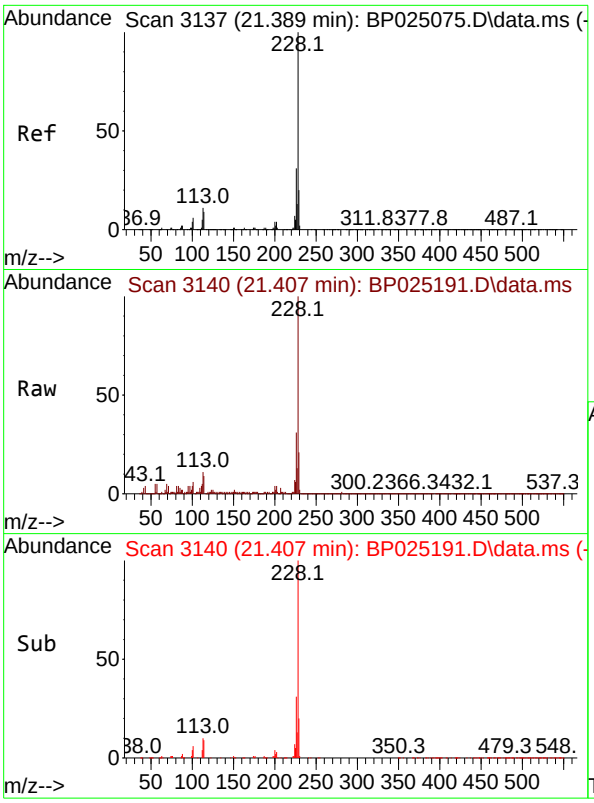


#82
3,3'-Dichlorobenzidine
Concen: 27.737 ng
RT: 21.277 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:252 Resp: 1712760

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	11.6	8.1	12.1





#83
Chrysene
Concen: 46.057 ng
RT: 21.407 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Tgt Ion:228 Resp: 909170

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.6	16.0	24.0

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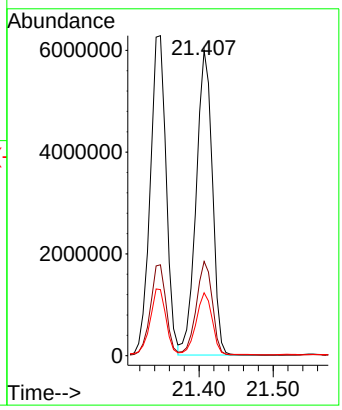
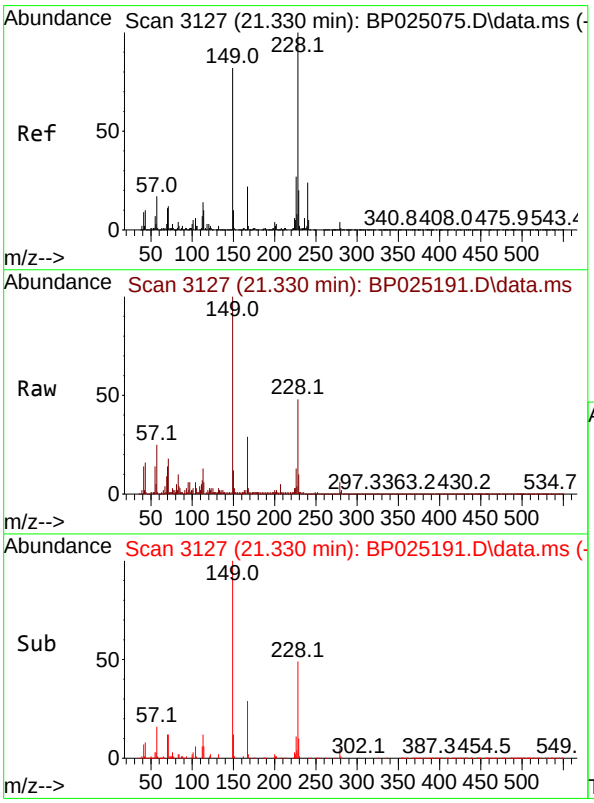
Supervised By :Jagrut Upadhyay 07/21/2025

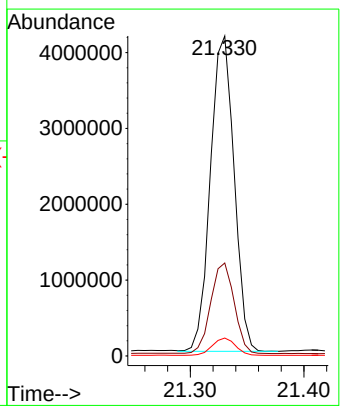


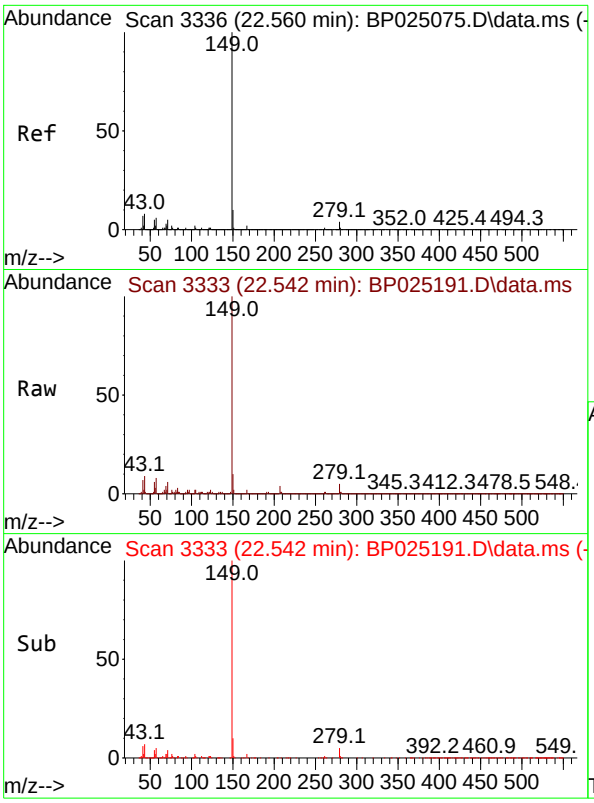


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.758 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:149 Resp: 6024913

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.9	32.9
279	5.6	3.5	5.3#

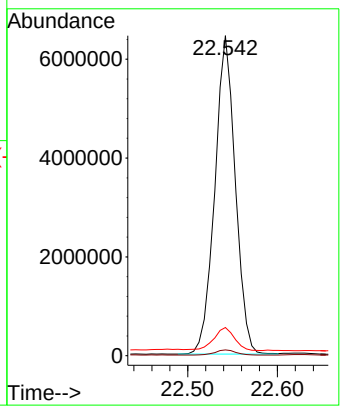




#85
Di-n-octyl phthalate
Concen: 50.316 ng
RT: 22.542 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:149 Resp:1021943

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Manual Integrations
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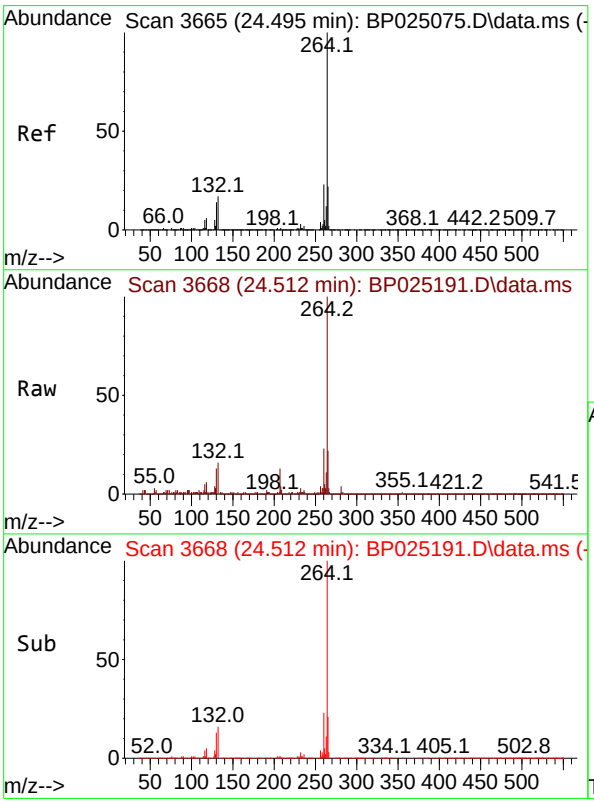
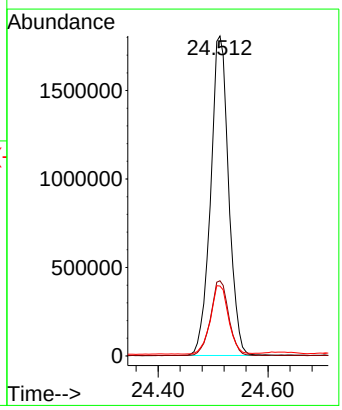
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

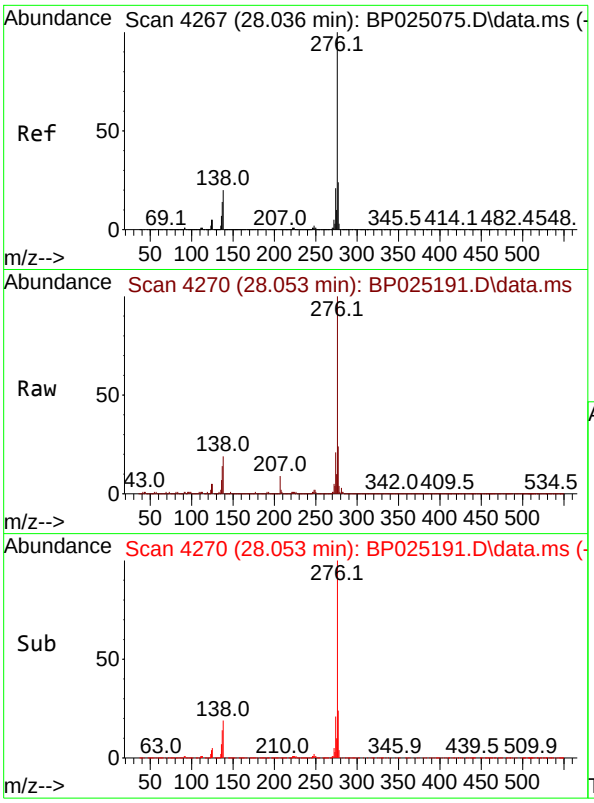


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:264 Resp: 4114552

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.7	26.5

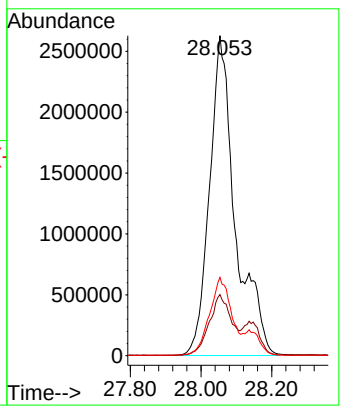




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.814 ng m
RT: 28.053 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:276 Resp:1331944

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.6
277	20.5	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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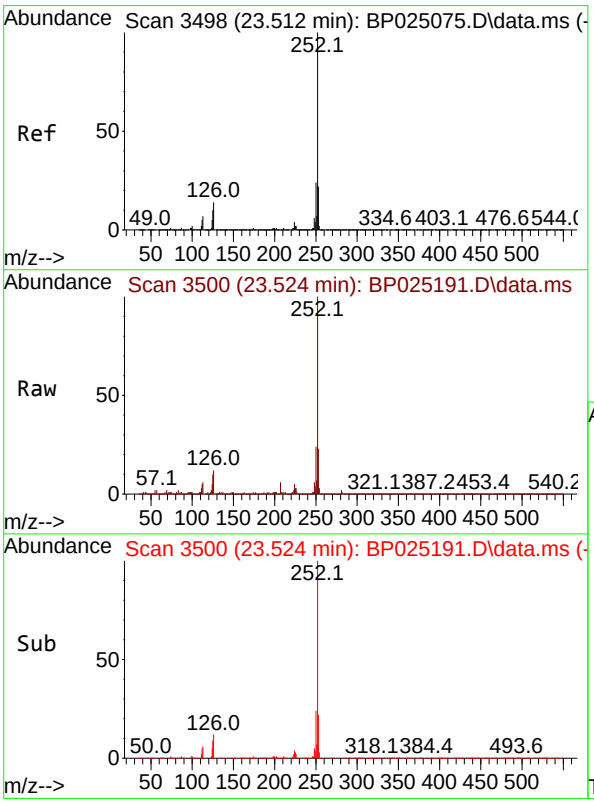
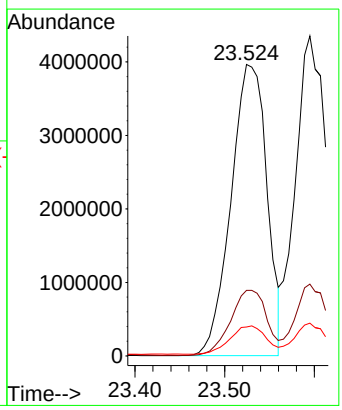
Supervised By :Jagrut Upadhyay 07/21/2025

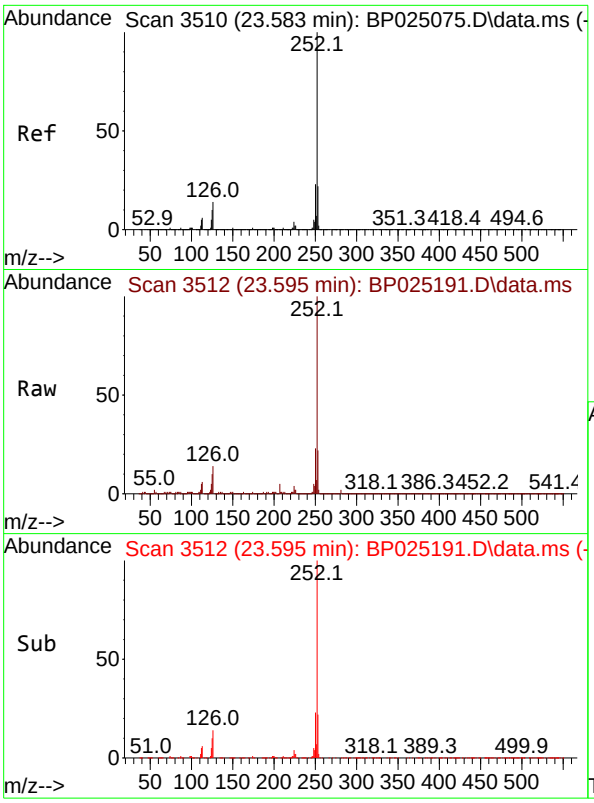


#88
Benzo(b)fluoranthene
Concen: 46.004 ng
RT: 23.524 min Scan# 3500
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:252 Resp:11017325

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.0	8.1	12.1

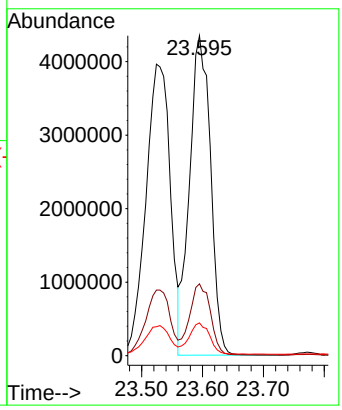




#89
Benzo(k)fluoranthene
Concen: 43.690 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:252 Resp:1041075

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.3	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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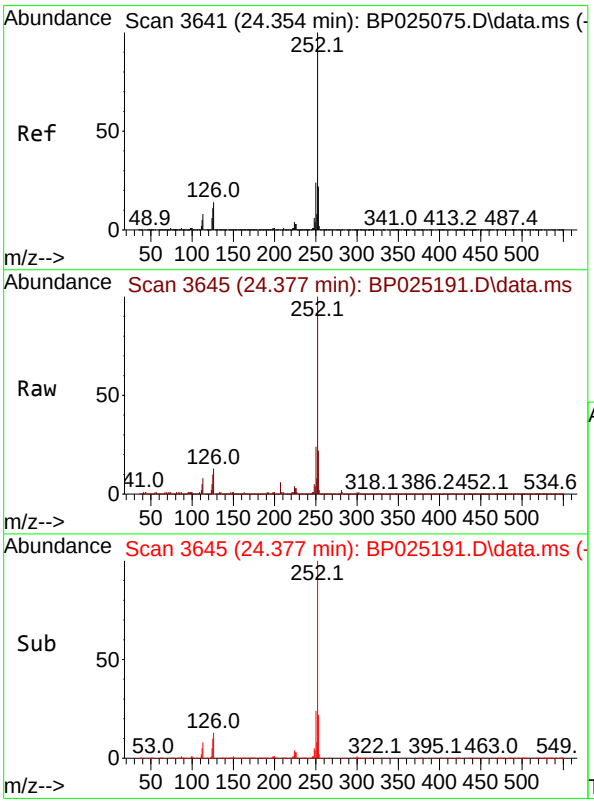
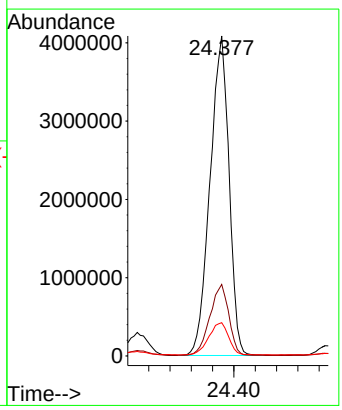
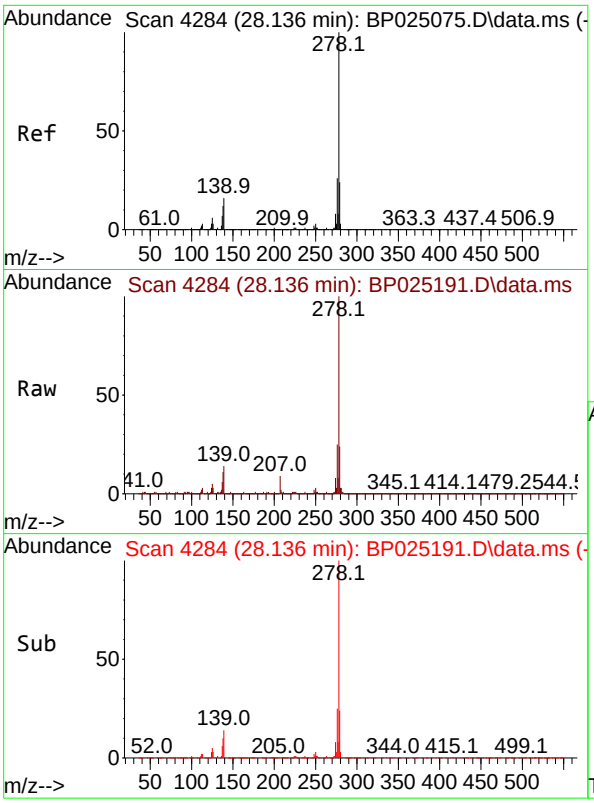


#90
Benzo(a)pyrene
Concen: 49.580 ng
RT: 24.377 min Scan# 3645
Delta R.T. 0.024 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:252 Resp:10105828

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.4	9.0	13.4

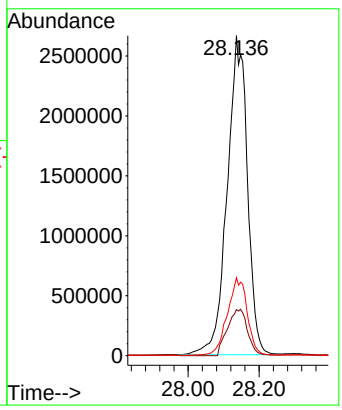




#91
Dibenzo(a,h)anthracene
Concen: 48.505 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:278 Resp:1050955

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.1	19.7
279	24.4	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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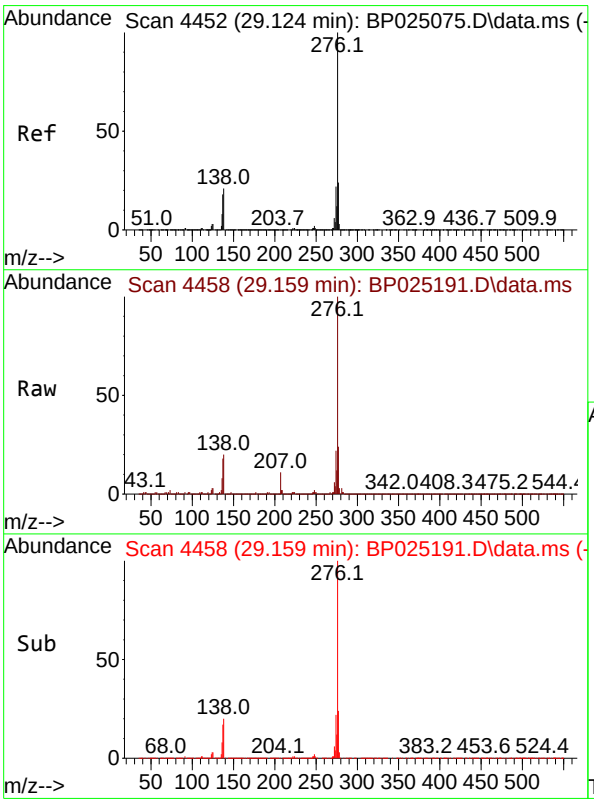
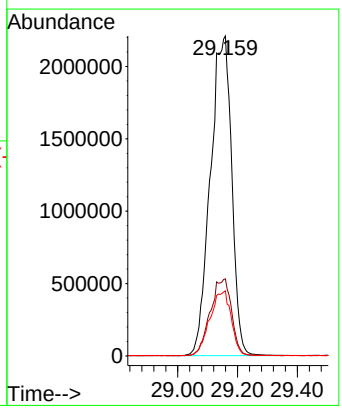


#92
Benzo(g,h,i)perylene
Concen: 48.796 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025191.D
Acq: 18 Jul 2025 13:52

Tgt Ion:276 Resp:10921803

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	20.4	16.9	25.3



Raw Data: **BP025192.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
Client Sample ID:	CHRT-26899MSD	SDG No.:	Q2592
Lab Sample ID:	Q2597-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025192.D	1	07/15/25 09:05	07/18/25 14:33	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		94.8	200	ug/Kg
108-95-2	Phenol	870		13.4	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	840		14.8	100	ug/Kg
95-57-8	2-Chlorophenol	930		14.8	100	ug/Kg
95-48-7	2-Methylphenol	930		18.2	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	800		22.8	100	ug/Kg
98-86-2	Acetophenone	800		17.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	900		25.0	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		28.8	48.6	ug/Kg
67-72-1	Hexachloroethane	920		10.7	100	ug/Kg
98-95-3	Nitrobenzene	860		11.1	100	ug/Kg
78-59-1	Isophorone	890		19.9	100	ug/Kg
88-75-5	2-Nitrophenol	1000		35.4	100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		39.4	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	840		18.7	100	ug/Kg
120-83-2	2,4-Dichlorophenol	960		17.2	100	ug/Kg
91-20-3	Naphthalene	840		13.8	100	ug/Kg
106-47-8	4-Chloroaniline	460		21.5	100	ug/Kg
87-68-3	Hexachlorobutadiene	980		15.4	100	ug/Kg
105-60-2	Caprolactam	850		31.7	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880		17.4	100	ug/Kg
91-57-6	2-Methylnaphthalene	760		15.6	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	70.5	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		12.0	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		17.7	100	ug/Kg
92-52-4	1,1-Biphenyl	860		13.2	100	ug/Kg
91-58-7	2-Chloronaphthalene	900		13.7	100	ug/Kg
88-74-4	2-Nitroaniline	940		29.2	100	ug/Kg
131-11-3	Dimethylphthalate	830		16.5	100	ug/Kg

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
Client Sample ID:	CHRT-26899MSD	SDG No.:	Q2592
Lab Sample ID:	Q2597-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025192.D	1	07/15/25 09:05	07/18/25 14:33	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	940		17.6	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20.4	100	ug/Kg
99-09-2	3-Nitroaniline	800		27.9	100	ug/Kg
83-32-9	Acenaphthene	820		12.9	100	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		140	200	ug/Kg
100-02-7	4-Nitrophenol	1800	E	65.0	200	ug/Kg
132-64-9	Dibenzofuran	790		13.8	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	900		30.4	100	ug/Kg
84-66-2	Diethylphthalate	800		17.2	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		16.2	100	ug/Kg
86-73-7	Fluorene	790		15.4	100	ug/Kg
100-01-6	4-Nitroaniline	820		39.0	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670		62.6	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		20.0	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		16.9	100	ug/Kg
118-74-1	Hexachlorobenzene	1000		15.4	100	ug/Kg
1912-24-9	Atrazine	1200		20.7	100	ug/Kg
87-86-5	Pentachlorophenol	2000	E	31.2	200	ug/Kg
85-01-8	Phenanthrene	850		12.7	100	ug/Kg
120-12-7	Anthracene	910		20.2	100	ug/Kg
86-74-8	Carbazole	860		19.0	100	ug/Kg
84-74-2	Di-n-butylphthalate	890		29.1	100	ug/Kg
206-44-0	Fluoranthene	890		18.2	100	ug/Kg
129-00-0	Pyrene	860		21.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	920		43.4	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600		22.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	930		14.0	100	ug/Kg
218-01-9	Chrysene	930		12.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		36.0	100	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		52.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		11.5	100	ug/Kg

Raw Data: **BP025192.D**

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/14/25
Project:	Con Edison - East River Site 2	Date Received:	07/14/25
Client Sample ID:	CHRT-26899MSD	SDG No.:	Q2592
Lab Sample ID:	Q2597-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
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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
BP025192.D	1	07/15/25 09:05	07/18/25 14:33	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	850		13.6	100	ug/Kg
50-32-8	Benzo(a)pyrene	1000		17.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		17.7	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		16.6	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		15.6	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		15.6	100	ug/Kg
123-91-1	1,4-Dioxane	670		27.5	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		16.6	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.8		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	80.9		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.6		20 - 109	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	718000	7.443			
1146-65-2	Naphthalene-d8	2880000	10.19			
15067-26-2	Acenaphthene-d10	1760000	14.095			
1517-22-2	Phenanthrene-d10	3050000	16.919			
1719-03-5	Chrysene-d12	3400000	21.36			
1520-96-3	Perylene-d12	4140000	24.524			

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\BP071825\
Data File : BP025192.D
Acq On : 18 Jul 2025 14:33
Operator : CG/JU
Sample : Q2597-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 14:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	718069	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2875357	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1762354	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3047795	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3398852	20.000	ng	0.02
86) Perylene-d12	24.524	264	4139648	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3354831	82.781	ng	0.01
7) Phenol-d6	6.643	99	4278992	80.909	ng	0.01
23) Nitrobenzene-d5	8.572	82	2584466	59.777	ng	0.00
42) 2,4,6-Tribromophenol	15.637	330	2184054	104.905	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	6896816	60.625	ng	0.00
79) Terphenyl-d14	19.689	244	9692693	62.676	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	522161	33.134	ng	99
3) Pyridine	3.490	79	1448416	33.571	ng	97
4) n-Nitrosodimethylamine	3.402	42	635044	34.763	ng	91
6) Aniline	6.784	93	1435687	29.055	ng	99
8) 2-Chlorophenol	7.019	128	2071338	45.681	ng	98
9) Benzaldehyde	6.596	77	1191263	43.131	ng	96
10) Phenol	6.672	94	2309080	42.970	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1713531	41.433	ng	97
12) 1,3-Dichlorobenzene	7.331	146	2203625	43.423	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2220399	43.216	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2161225	43.727	ng	99
15) Benzyl Alcohol	7.678	79	1543453	43.726	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	2137331	39.746	ng	97
17) 2-Methylphenol	7.890	107	1587575	45.864	ng	99
18) Hexachloroethane	8.502	117	759284	45.363	ng	97
19) n-Nitroso-di-n-propyla...	8.237	70	1228521	39.169	ng	97
20) 3+4-Methylphenols	8.208	107	2160042	44.551	ng	97
22) Acetophenone	8.243	105	2675246	39.341	ng	98
24) Nitrobenzene	8.613	77	1880097	42.692	ng	95
25) Isophorone	9.143	82	3565539	44.129	ng	98
26) 2-Nitrophenol	9.313	139	1092514	50.908	ng	97
27) 2,4-Dimethylphenol	9.390	122	1846201	61.254	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2268251	41.345	ng	100
29) 2,4-Dichlorophenol	9.849	162	1978308	47.336	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	2089765	45.153	ng	98
31) Naphthalene	10.243	128	6118039	41.322	ng	100
32) Benzoic acid	9.560	122	1566557	51.506	ng	96
33) 4-Chloroaniline	10.349	127	1248930	22.604	ng	99
34) Hexachlorobutadiene	10.531	225	1279328	48.169	ng	99
35) Caprolactam	11.143	113	601704m	42.085	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1897199	43.440	ng	100
37) 2-Methylnaphthalene	11.860	142	3935923	37.677	ng	100
38) 1-Methylnaphthalene	12.096	142	4079783	40.044	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	2361542	46.625	ng	99
41) Hexachlorocyclopentadiene	12.225	237	1532451	115.832	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1617632	52.744	ng	99

Sample Results: **BP025192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025192.D
Acq On : 18 Jul 2025 14:33
Operator : CG/JU
Sample : Q2597-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 14:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.572	196	1741173	50.095	ng		98
46)	1,1'-Biphenyl	12.907	154	5453993	42.534	ng		100
47)	2-Chloronaphthalene	12.943	162	4280520	44.415	ng		99
48)	2-Nitroaniline	13.154	65	1093525	46.416	ng		92
49)	Acenaphthylene	13.813	152	6827598	46.287	ng		100
50)	Dimethylphthalate	13.566	163	5063196	41.042	ng		99
51)	2,6-Dinitrotoluene	13.666	165	1192272	49.554	ng		92
52)	Acenaphthene	14.166	154	3864705	40.650	ng		99
53)	3-Nitroaniline	13.995	138	1017787	39.472	ng		98
54)	2,4-Dinitrophenol	14.219	184	615118	54.176	ng		93
55)	Dibenzofuran	14.507	168	6117858	38.992	ng		99
56)	4-Nitrophenol	14.343	139	2164669	90.971	ng		96
57)	2,4-Dinitrotoluene	14.484	165	1558331	44.344	ng		88
58)	Fluorene	15.172	166	4734515	39.012	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.737	232	1465701	46.567	ng		96
60)	Diethylphthalate	14.972	149	4878323	39.371	ng		98
61)	4-Chlorophenyl-phenyle...	15.178	204	2393795	39.857	ng		98
62)	4-Nitroaniline	15.195	138	1088146	40.246	ng		100
63)	Azobenzene	15.478	77	4127404	37.408	ng		94
65)	4,6-Dinitro-2-methylph...	15.266	198	429995	32.979	ng		85
66)	n-Nitrosodiphenylamine	15.401	169	4111370	47.136	ng		99
67)	4-Bromophenyl-phenylether	16.101	248	1663783	53.316	ng		97
68)	Hexachlorobenzene	16.207	284	1881224	49.321	ng		96
69)	Atrazine	16.407	200	1530515	59.881	ng		93
70)	Pentachlorophenol	16.572	266	2559186	99.349	ng		99
71)	Phenanthrene	16.966	178	6836970	41.981	ng		96
72)	Anthracene	17.066	178	7041601	45.069	ng		98
73)	Carbazole	17.348	167	6457926	42.274	ng		97
74)	Di-n-butylphthalate	17.966	149	7440665	43.739	ng		98
75)	Fluoranthene	19.072	202	8401898	44.136	ng		97
77)	Benzidine	19.283	184	2380556	39.657	ng	#	93
78)	Pyrene	19.454	202	8893288	42.245	ng		98
80)	Butylbenzylphthalate	20.436	149	3674497	45.510	ng		97
81)	Benzo(a)anthracene	21.342	228	9427688	45.771	ng		98
82)	3,3'-Dichlorobenzidine	21.272	252	1837810	29.639	ng	#	99
83)	Chrysene	21.407	228	9098431	45.901	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.325	149	5892349	53.333	ng		97
85)	Di-n-octyl phthalate	22.548	149	10363365	50.755	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.071	276	13381638m	50.742	ng		
88)	Benzo(b)fluoranthene	23.536	252	11384396	47.248	ng		99
89)	Benzo(k)fluoranthene	23.601	252	10029616	41.835	ng		99
90)	Benzo(a)pyrene	24.377	252	10226105	49.866	ng		99
91)	Dibenzo(a,h)anthracene	28.159	278	10419062	47.796	ng		99
92)	Benzo(g,h,i)perylene	29.183	276	10869264	48.267	ng		97

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

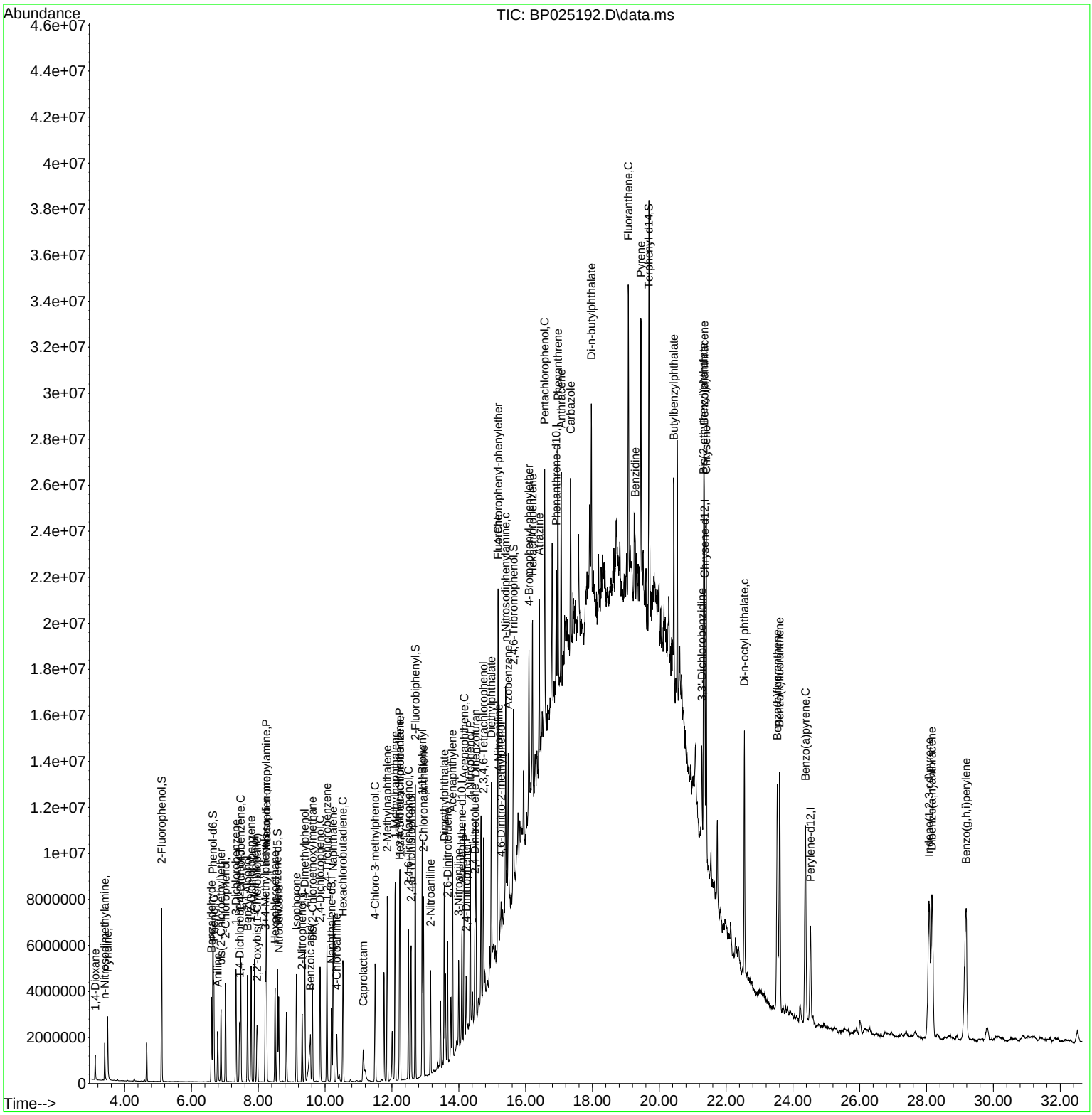
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025192.D
Acq On : 18 Jul 2025 14:33
Operator : CG/JU
Sample : Q2597-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

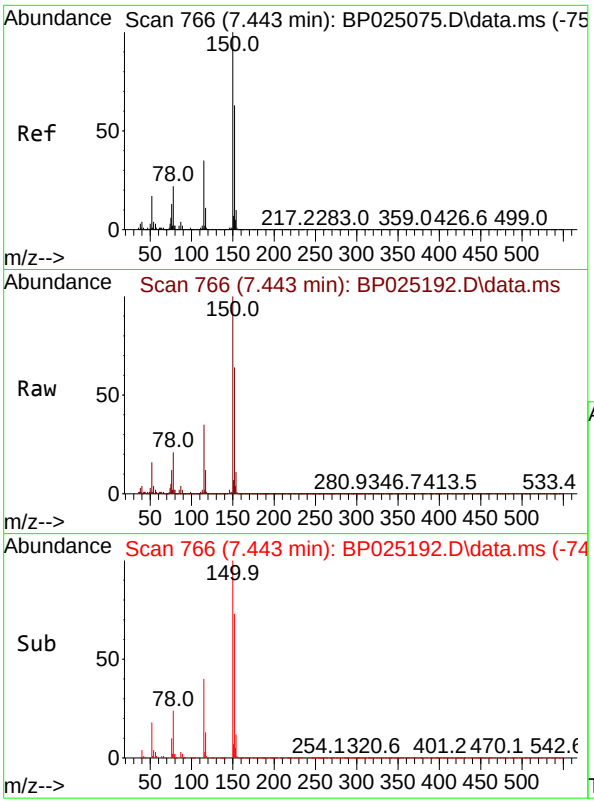
Quant Time: Jul 18 14:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

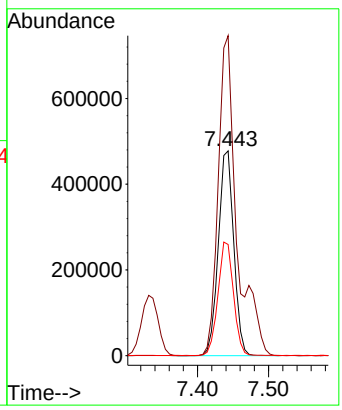




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:152 Resp: 71806

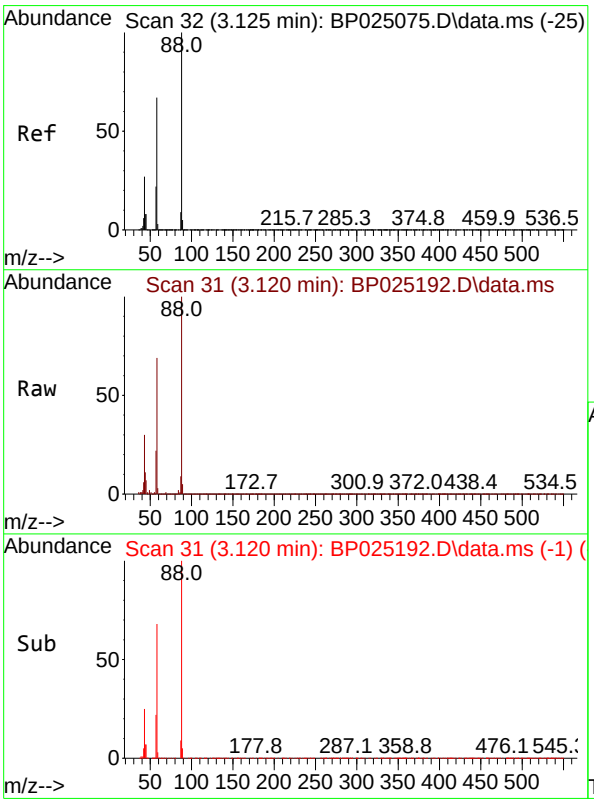
Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	54.3	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Manual Integrations
APPROVED

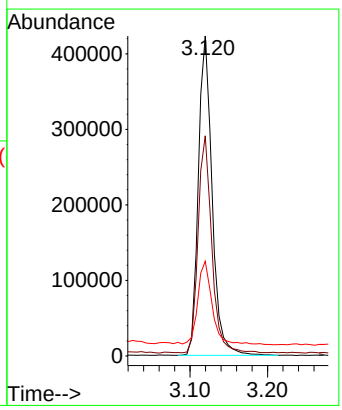
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

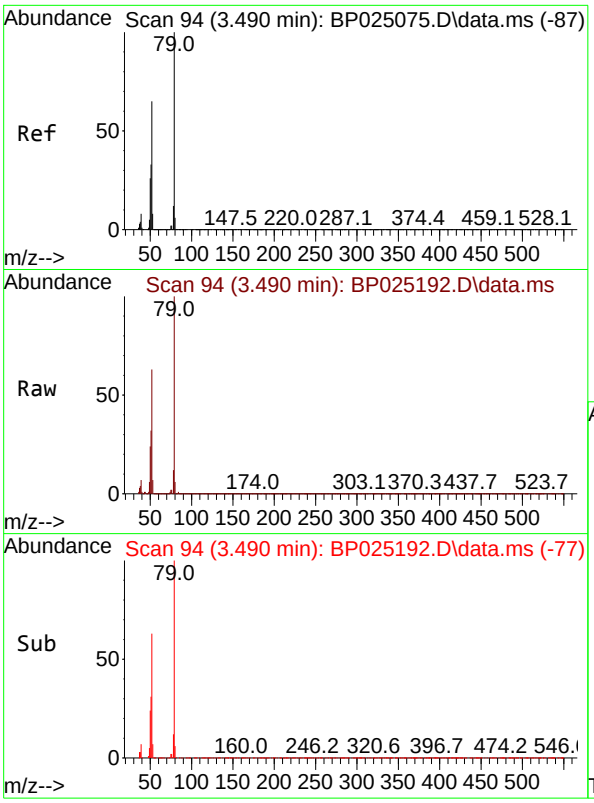


#2
1,4-Dioxane
Concen: 33.134 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 88 Resp: 522161

Ion	Ratio	Lower	Upper
88	100		
58	67.1	55.0	82.4
43	27.2	21.9	32.9

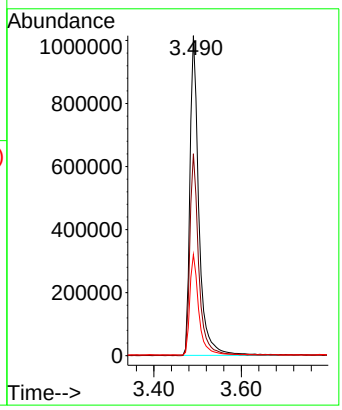




#3
Pyridine
Concen: 33.571 ng
RT: 3.490 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 79 Resp: 144841

Ion	Ratio	Lower	Upper
79	100		
52	63.1	52.2	78.4
51	31.6	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
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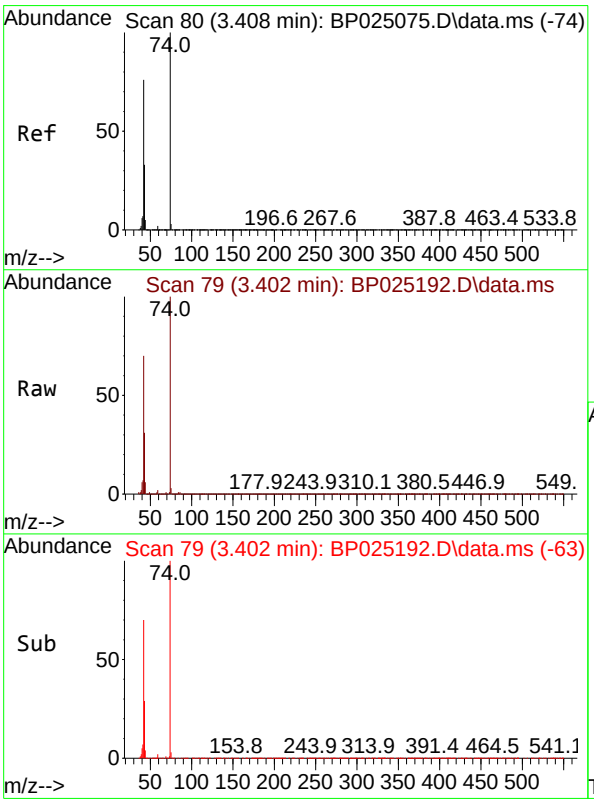
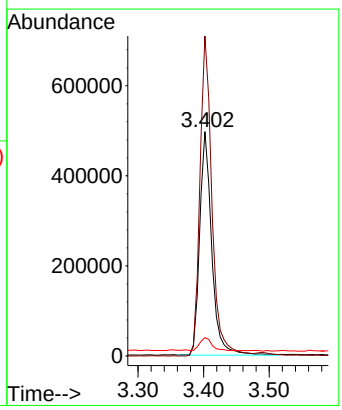
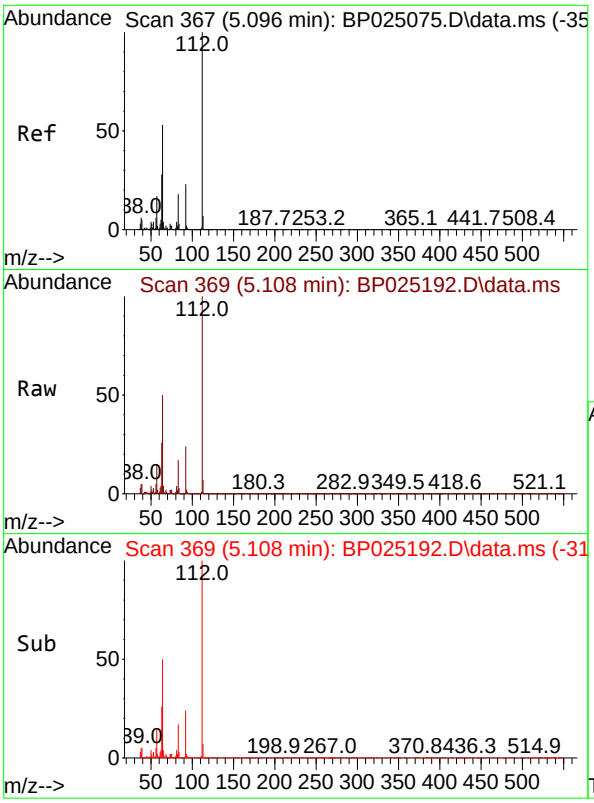


#4
n-Nitrosodimethylamine
Concen: 34.763 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 42 Resp: 635044

Ion	Ratio	Lower	Upper
42	100		
74	142.7	105.2	157.8
44	8.2	6.6	9.8

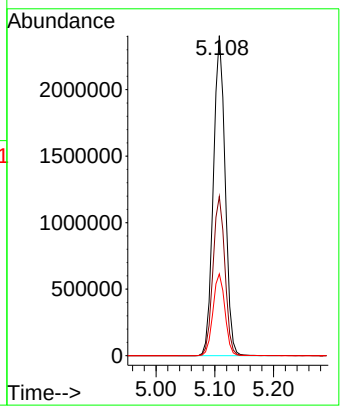




#5
2-Fluorophenol
Concen: 82.781 ng
RT: 5.108 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:112 Resp: 335483

Ion	Ratio	Lower	Upper
112	100		
64	49.7	42.0	63.0
63	25.5	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
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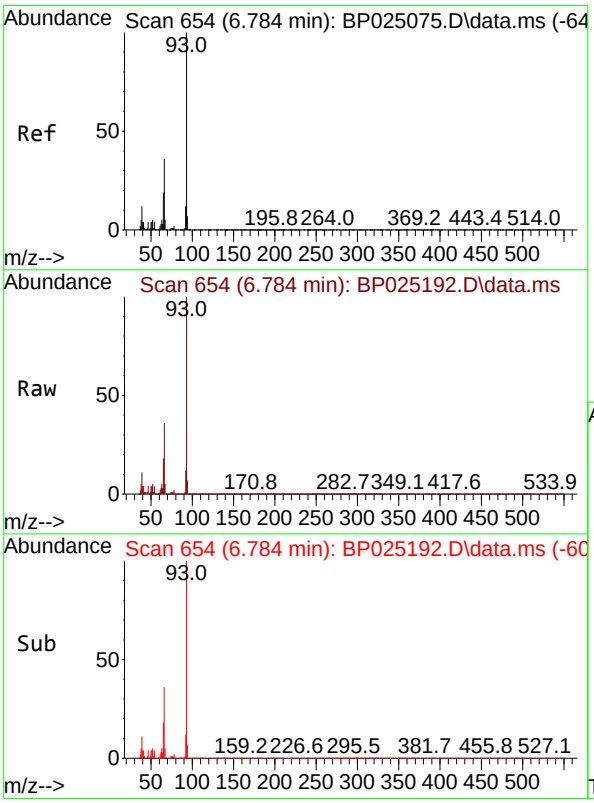
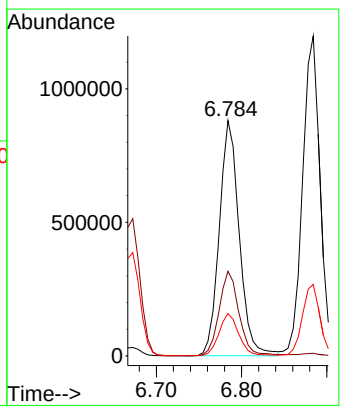
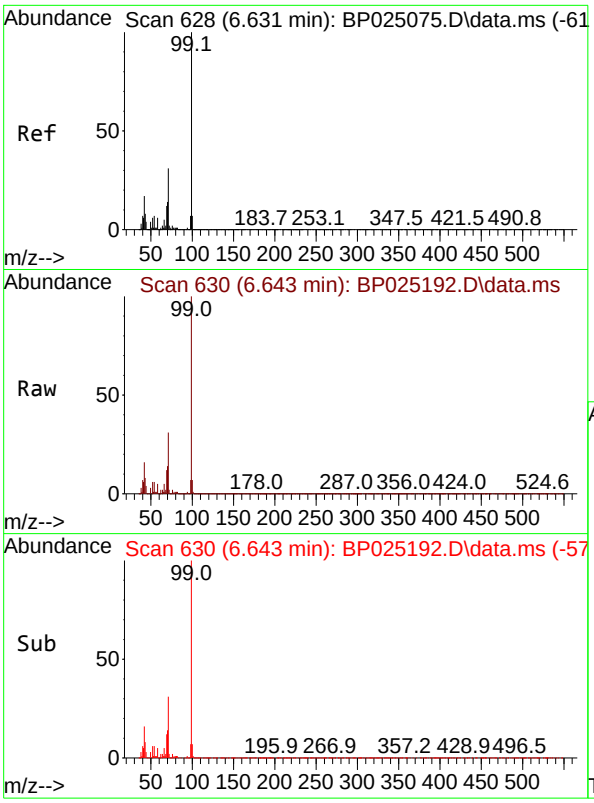


#6
Aniline
Concen: 29.055 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 93 Resp: 1435687

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.9	43.3
65	18.0	15.2	22.8





#7
Phenol-d6
Concen: 80.909 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 99 Resp: 427899

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	30.6	24.4	36.6

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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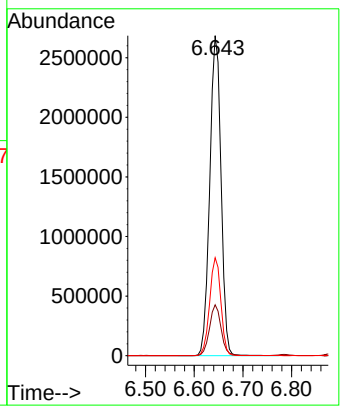
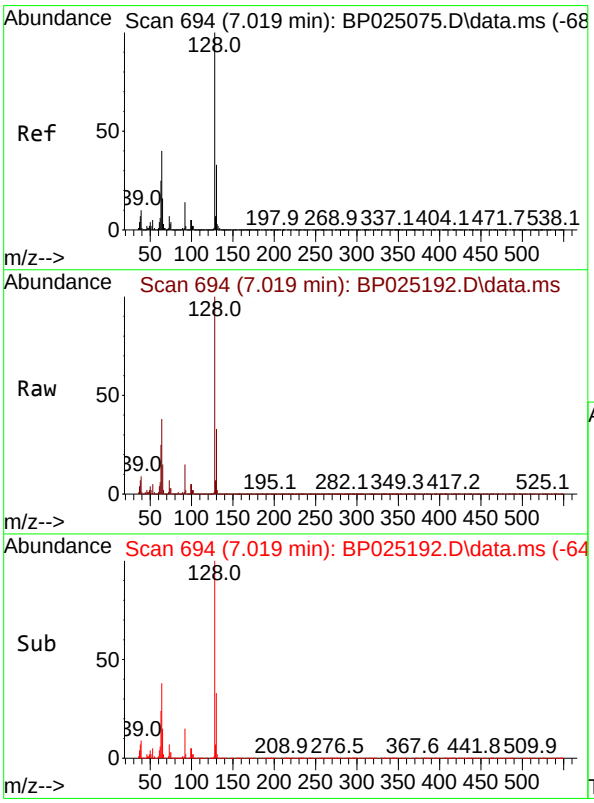
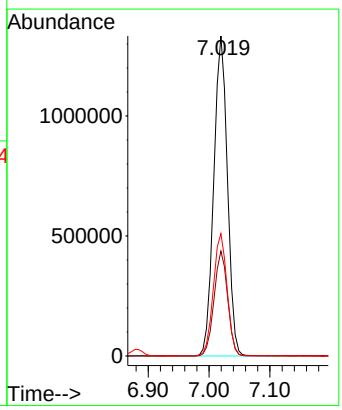


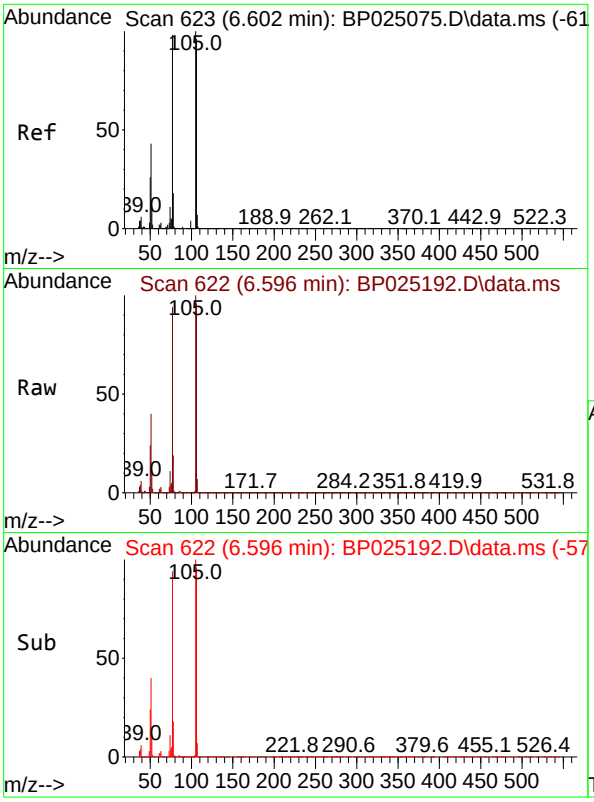


#8
2-Chlorophenol
Concen: 45.681 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:128 Resp: 2071338

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	38.3	20.3	60.3

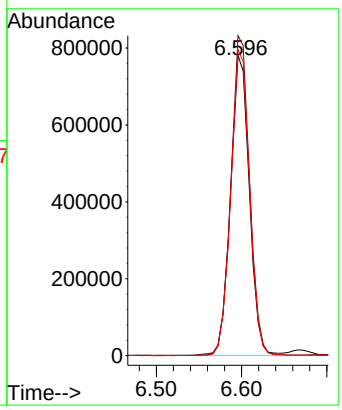




#9
Benzaldehyde
Concen: 43.131 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 77 Resp: 119126

Ion	Ratio	Lower	Upper
77	100		
105	106.6	82.4	122.4
106	101.9	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
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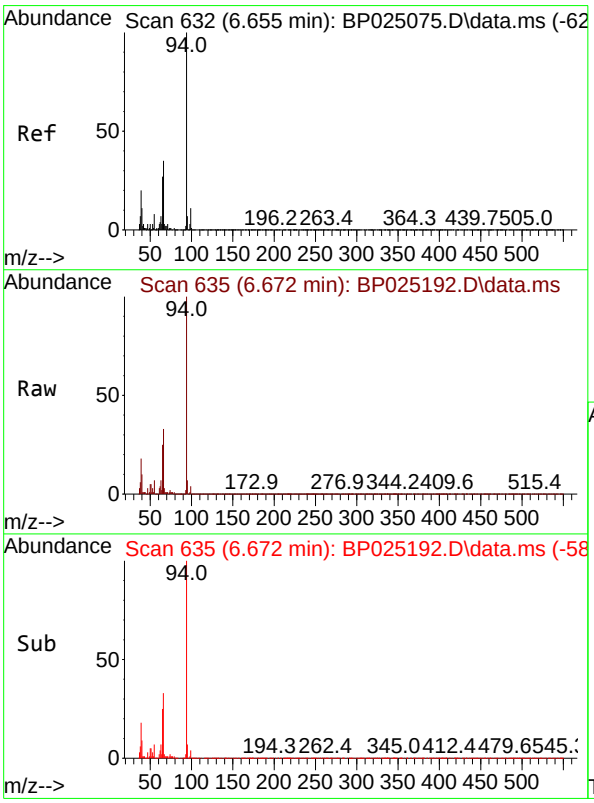
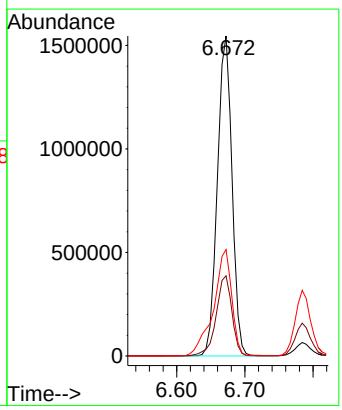
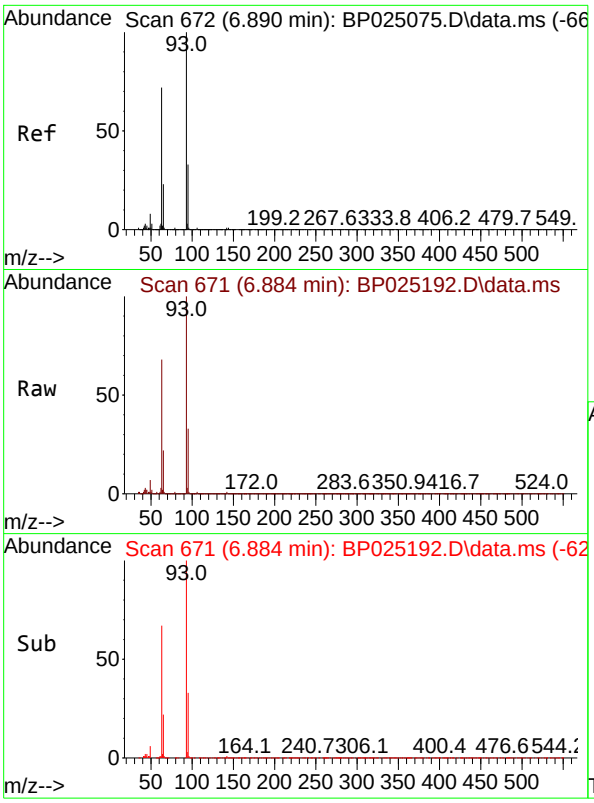


#10
Phenol
Concen: 42.970 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 94 Resp: 2309080

Ion	Ratio	Lower	Upper
94	100		
65	25.0	6.9	46.9
66	33.2	14.6	54.6

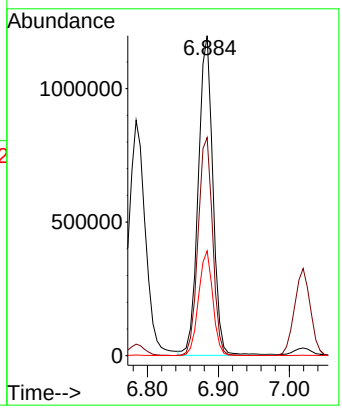




#11
bis(2-Chloroethyl)ether
Concen: 41.433 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 93 Resp: 171353

Ion	Ratio	Lower	Upper
93	100		
63	68.1	51.9	91.9
95	32.8	12.4	52.4



Instrument :
BNA_P
ClientSampleId :
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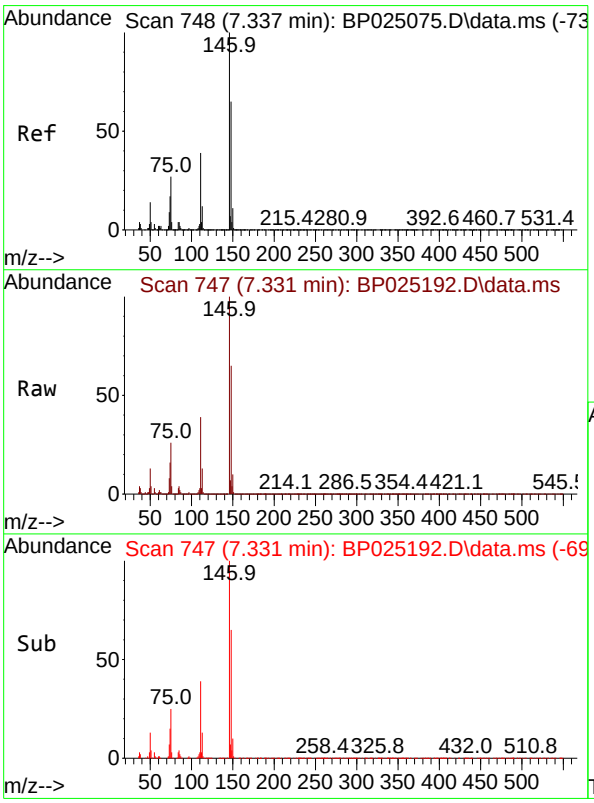
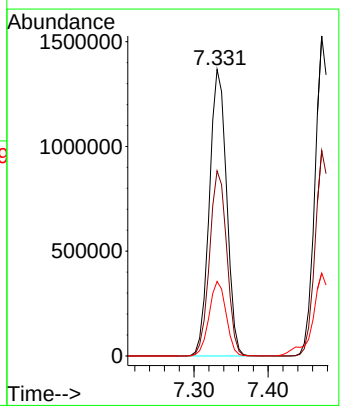
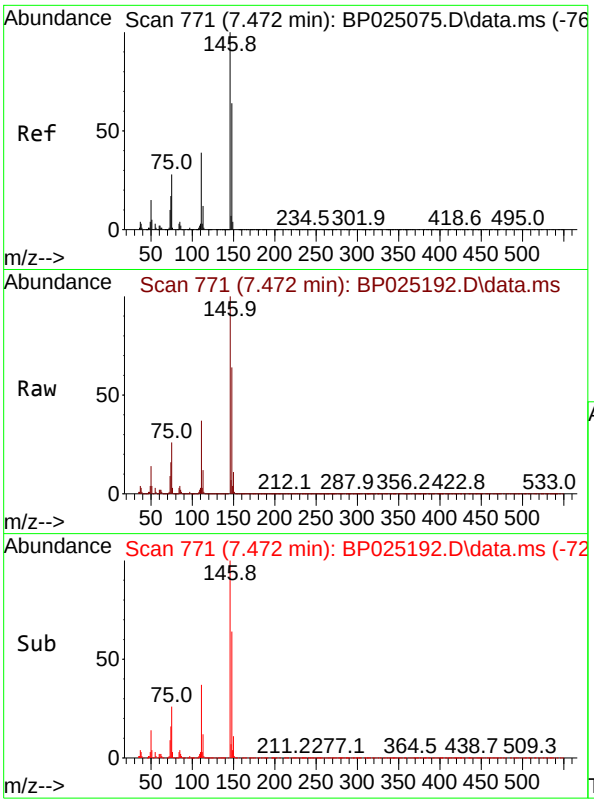


#12
1,3-Dichlorobenzene
Concen: 43.423 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:146 Resp: 2203625

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	26.0	21.8	32.6

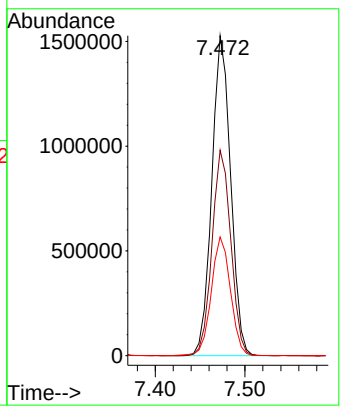




#13
1,4-Dichlorobenzene
Concen: 43.216 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:146 Resp: 222039

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	37.1	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
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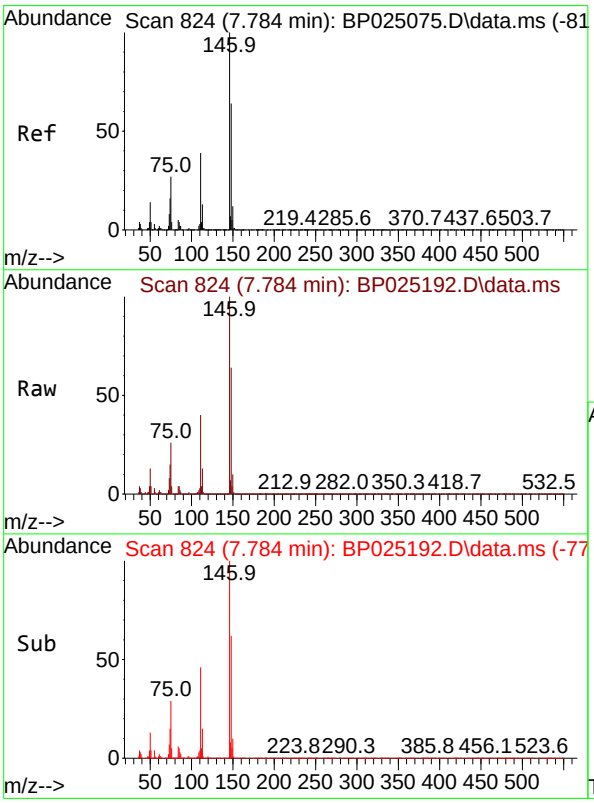
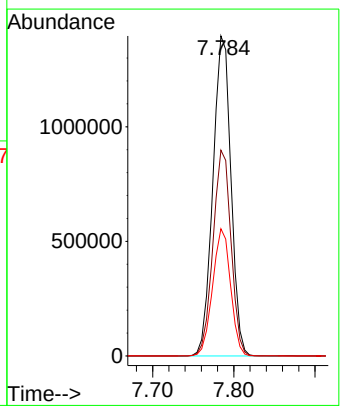
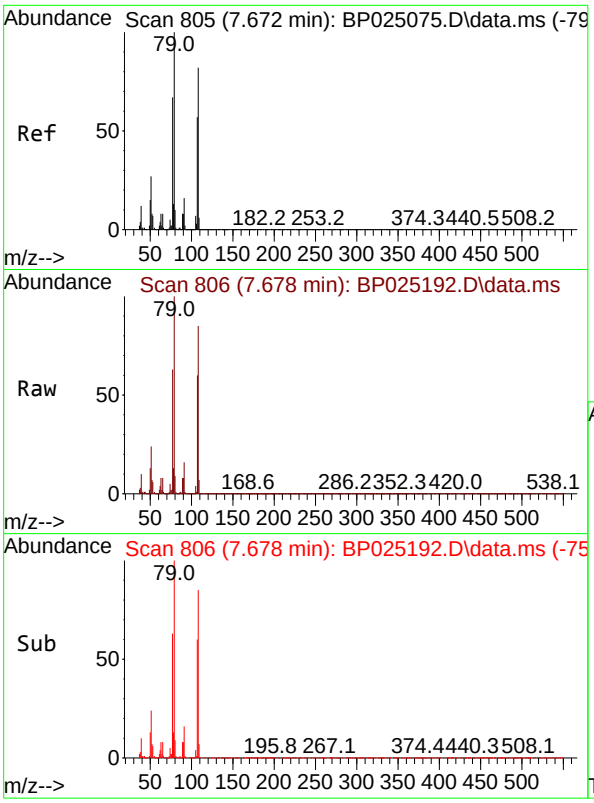


#14
1,2-Dichlorobenzene
Concen: 43.727 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:146 Resp: 2161225

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.7	31.2	46.8





#15
Benzyl Alcohol
Concen: 43.726 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 79 Resp: 154345

Ion	Ratio	Lower	Upper
79	100		
108	84.9	66.0	99.0
77	63.3	53.4	80.2

Instrument :
BNA_P
ClientSampleId :
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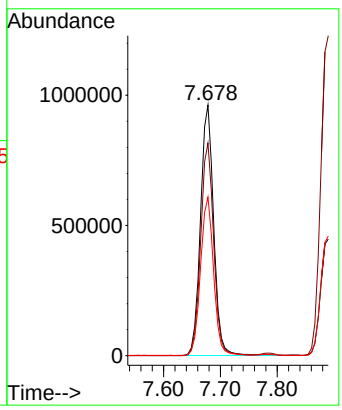
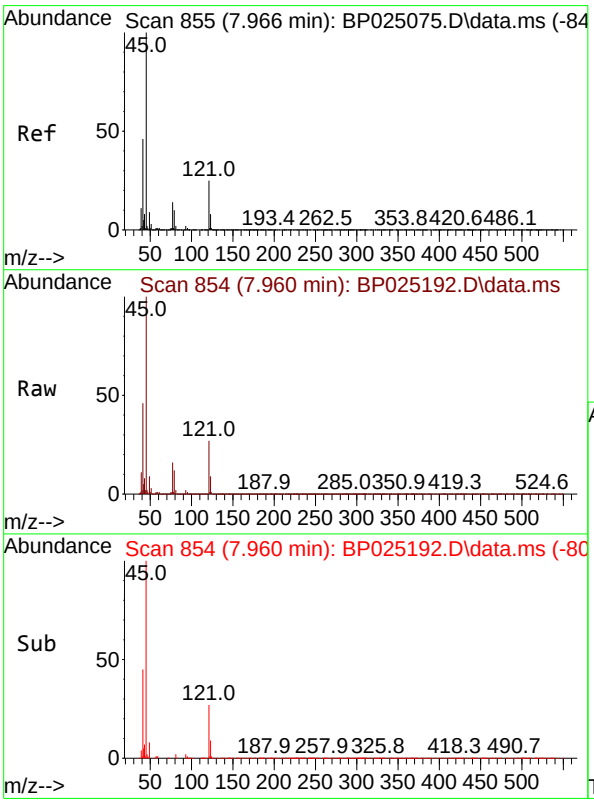
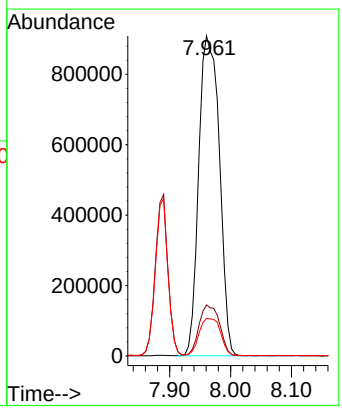


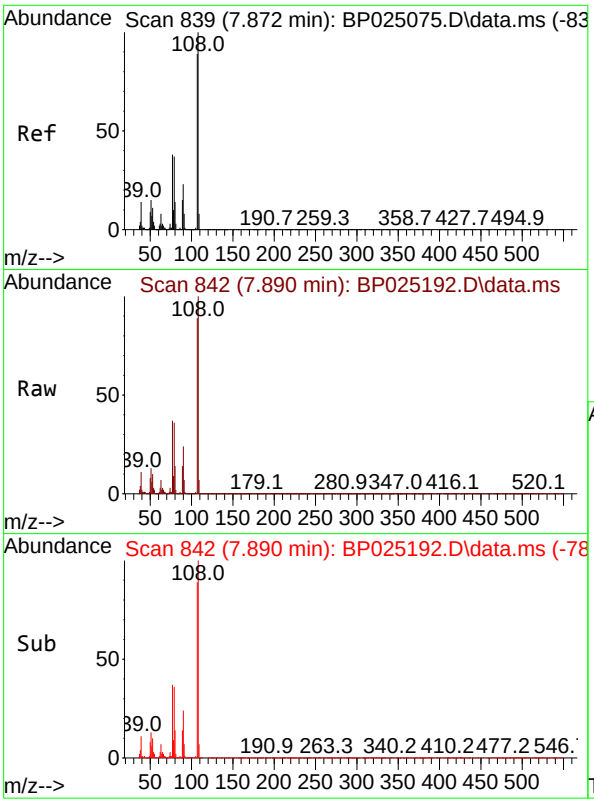


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.746 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 45 Resp: 2137331

Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.8
79	11.7	0.0	30.7

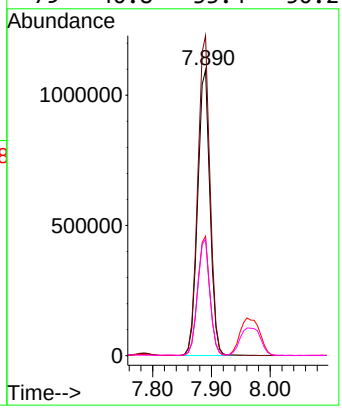




#17
2-Methylphenol
Concen: 45.864 ng
RT: 7.890 min Scan# 84
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:107 Resp: 158757

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	41.8	34.2	51.4
79	40.8	33.4	50.2



Instrument :
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ClientSampleId :
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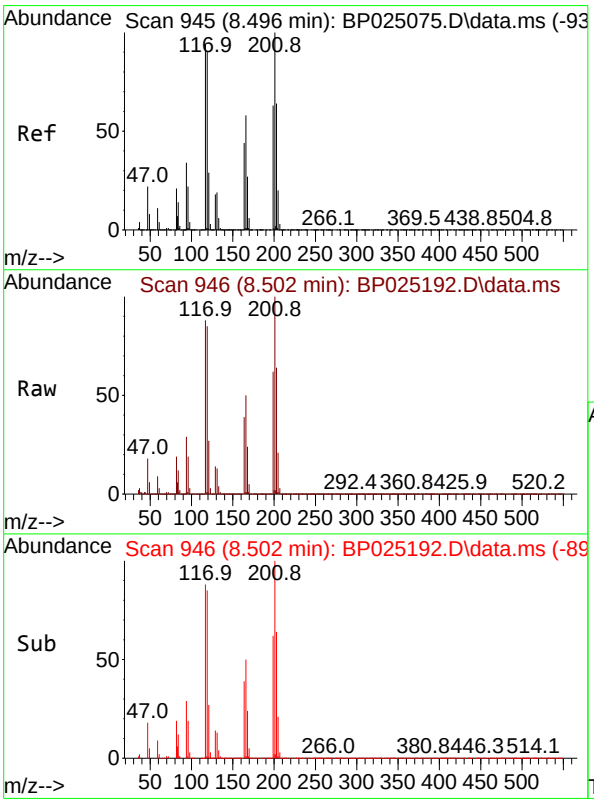
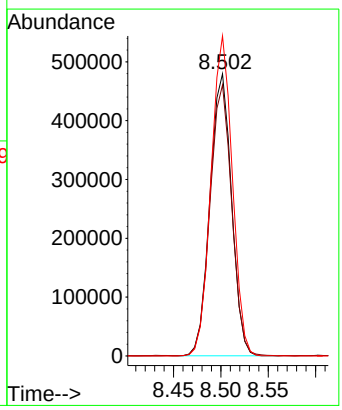
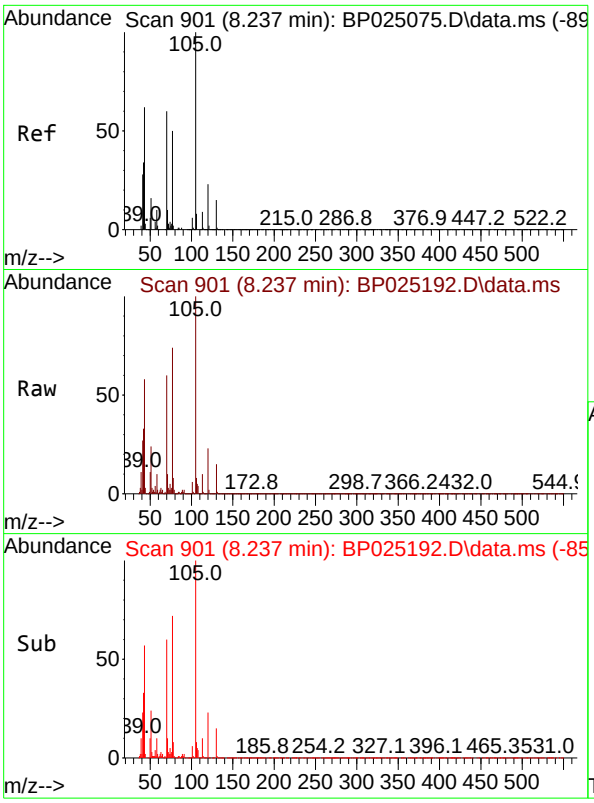


#18
Hexachloroethane
Concen: 45.363 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:117 Resp: 759284

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	115.0
201	113.4	85.4	128.2

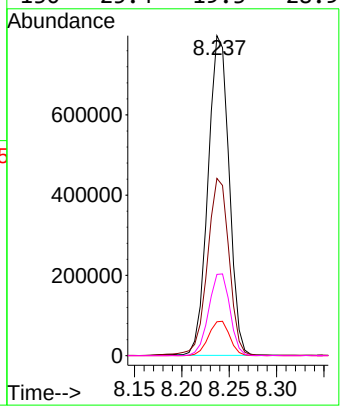




#19
n-Nitroso-di-n-propylamine
Concen: 39.169 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 70 Resp: 122852

Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.5	69.7
101	10.6	7.9	11.9
130	25.4	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
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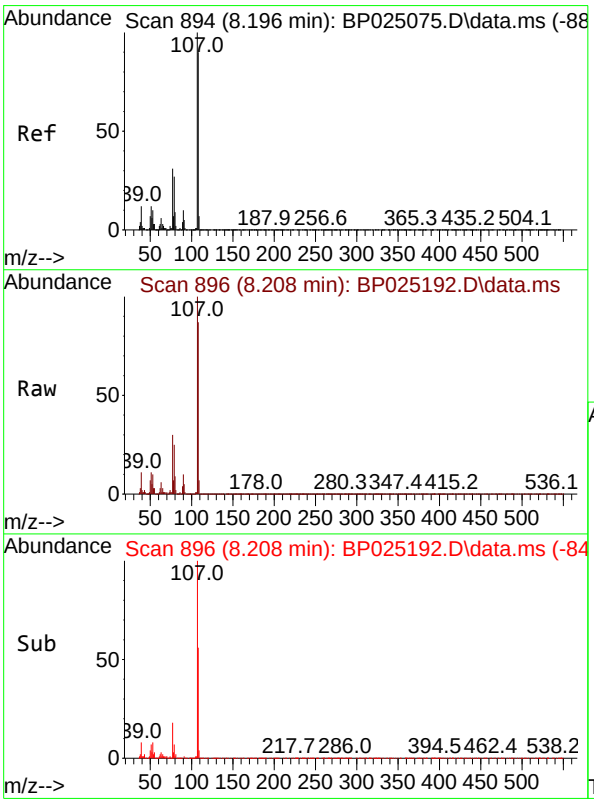
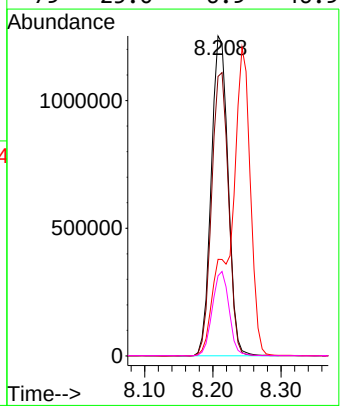
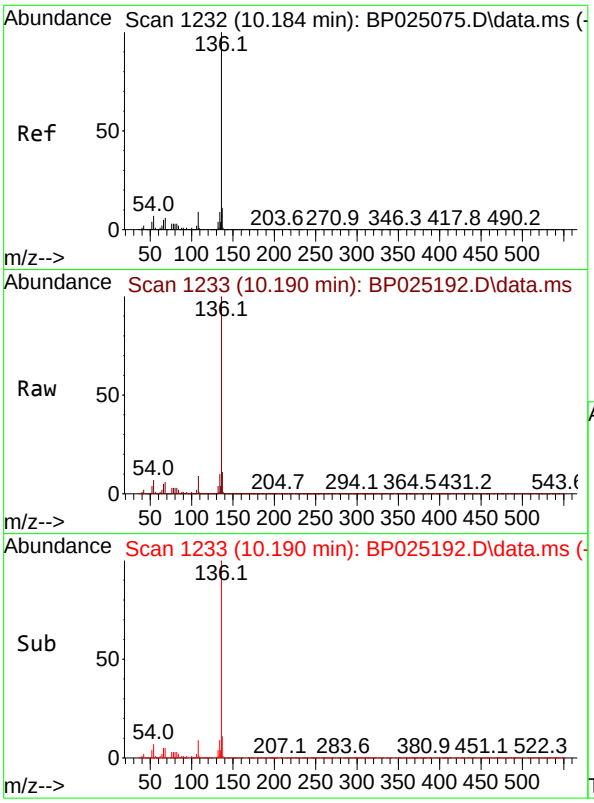


#20
3+4-Methylphenols
Concen: 44.551 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:107 Resp: 2160042

Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.5	109.5
77	30.2	11.4	51.4
79	25.0	6.9	46.9

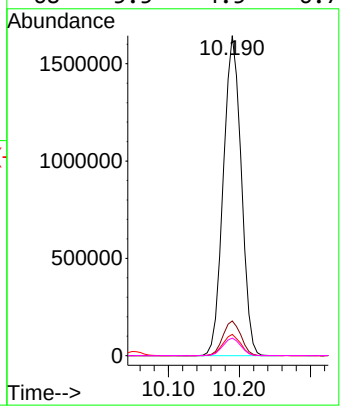




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:136 Resp: 287535

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.4	8.2
68	5.5	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
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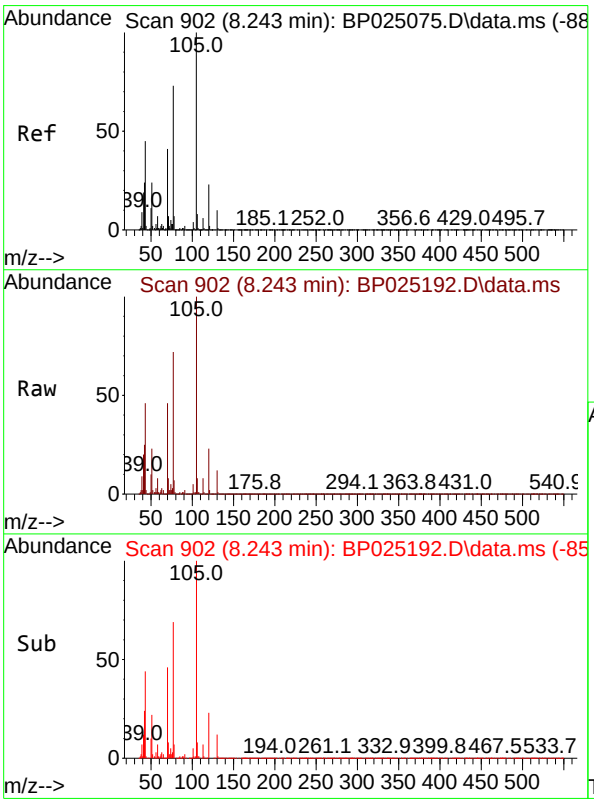
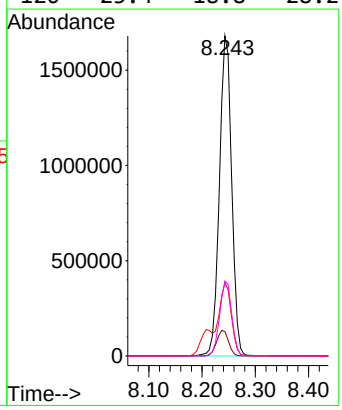
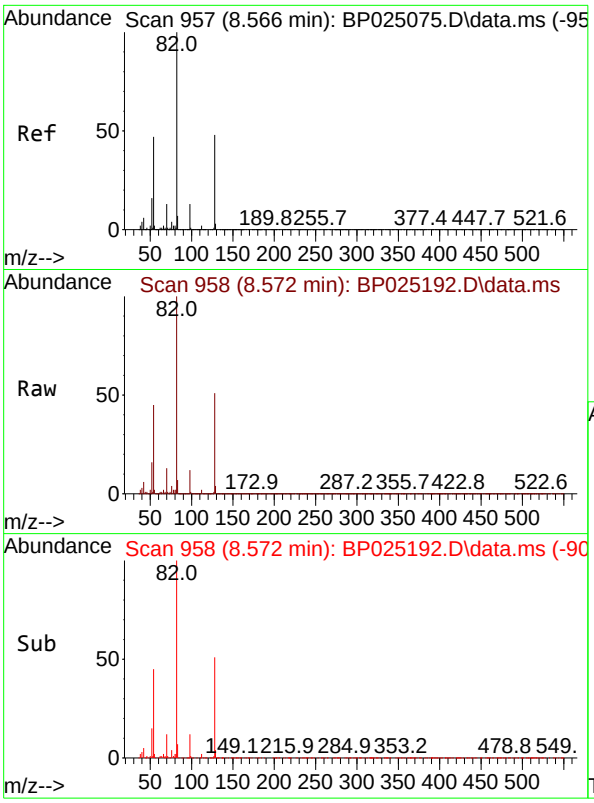


#22
Acetophenone
Concen: 39.341 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:105 Resp: 2675246

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.4	8.2
51	22.9	19.6	29.4
120	23.4	18.8	28.2





#23
Nitrobenzene-d5
Concen: 59.777 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 82 Resp: 258446

Ion	Ratio	Lower	Upper
82	100		
128	51.3	38.4	57.6
54	45.2	37.8	56.6

Instrument :
BNA_P
ClientSampleId :
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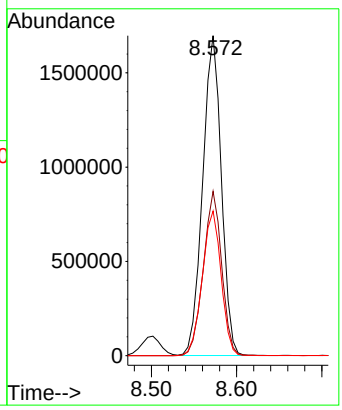
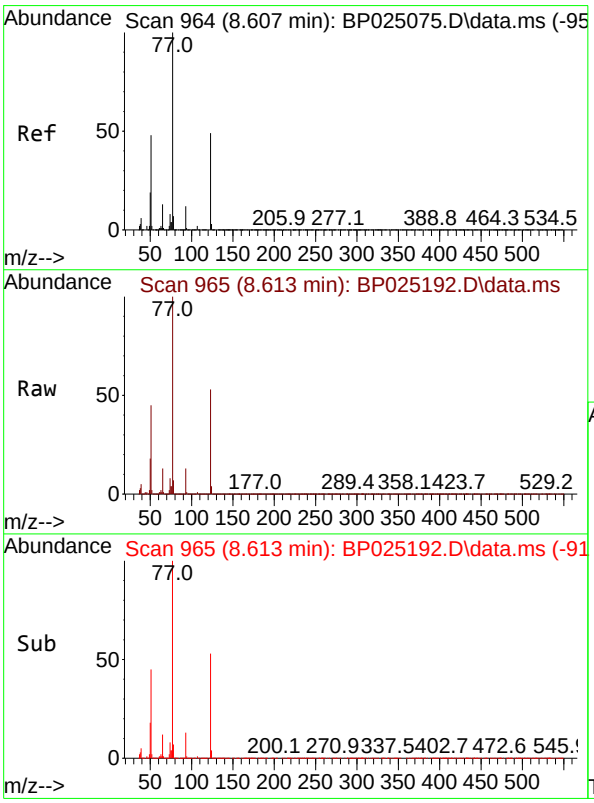
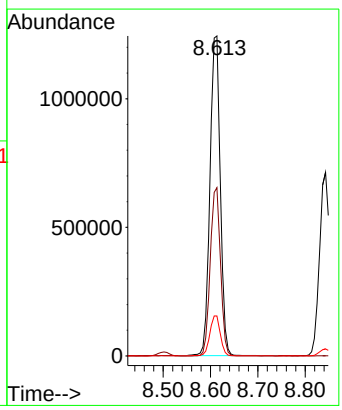


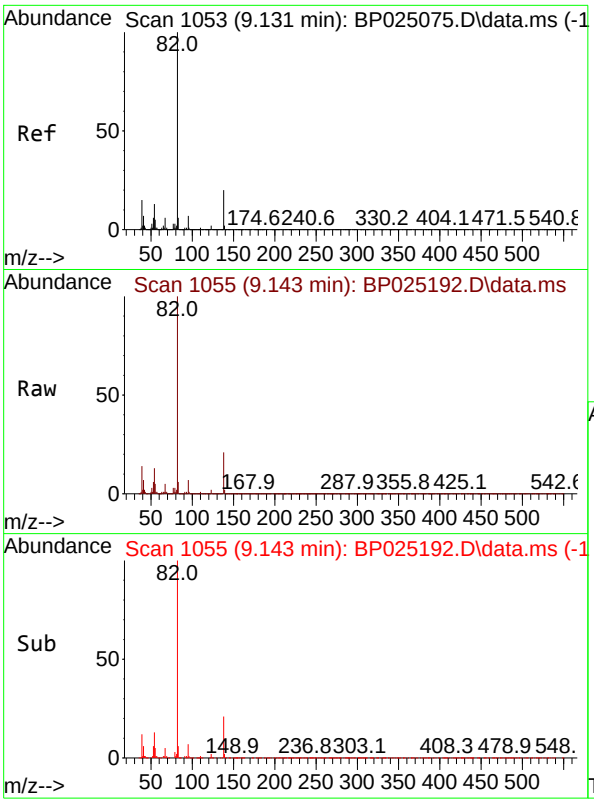


#24
Nitrobenzene
Concen: 42.692 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 77 Resp: 1880097

Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.0	58.6
65	12.5	10.7	16.1

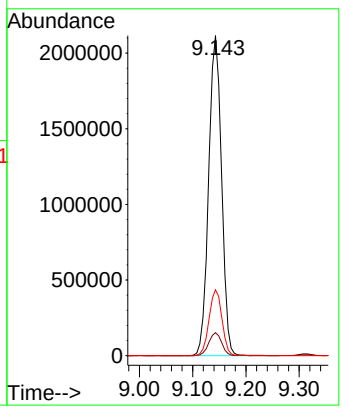




#25
Isophorone
Concen: 44.129 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 82 Resp: 356553

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	20.6	15.7	23.5



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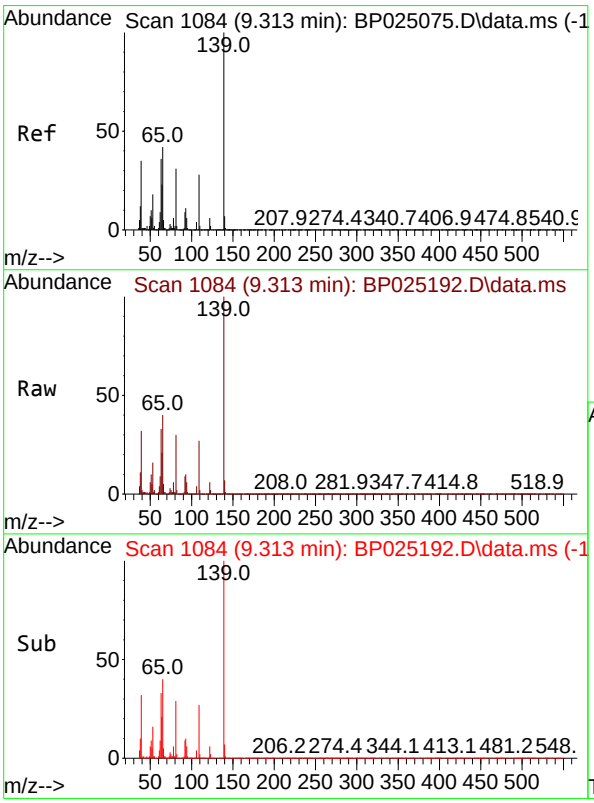
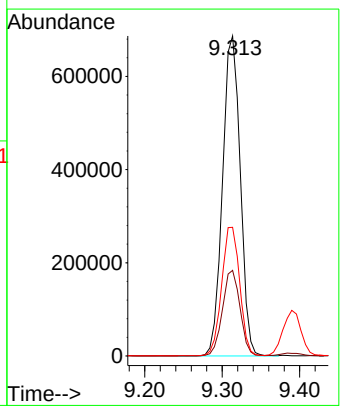
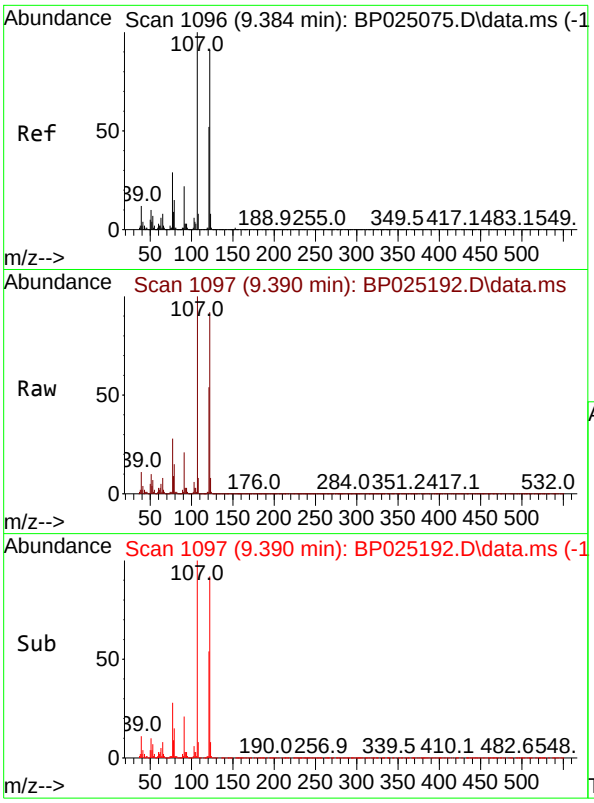


#26
2-Nitrophenol
Concen: 50.908 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:139 Resp: 1092514

Ion	Ratio	Lower	Upper
139	100		
109	26.8	22.3	33.5
65	40.2	33.8	50.8

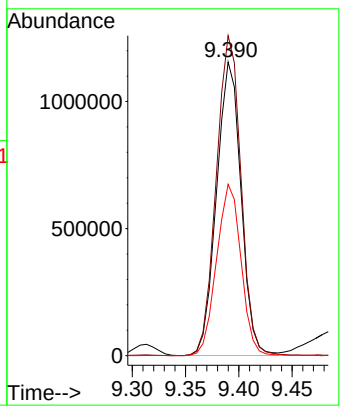




#27
2,4-Dimethylphenol
Concen: 61.254 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:122 Resp: 184620

Ion	Ratio	Lower	Upper
122	100		
107	108.9	88.2	132.2
121	58.3	46.1	69.1



Instrument :
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ClientSampleId :
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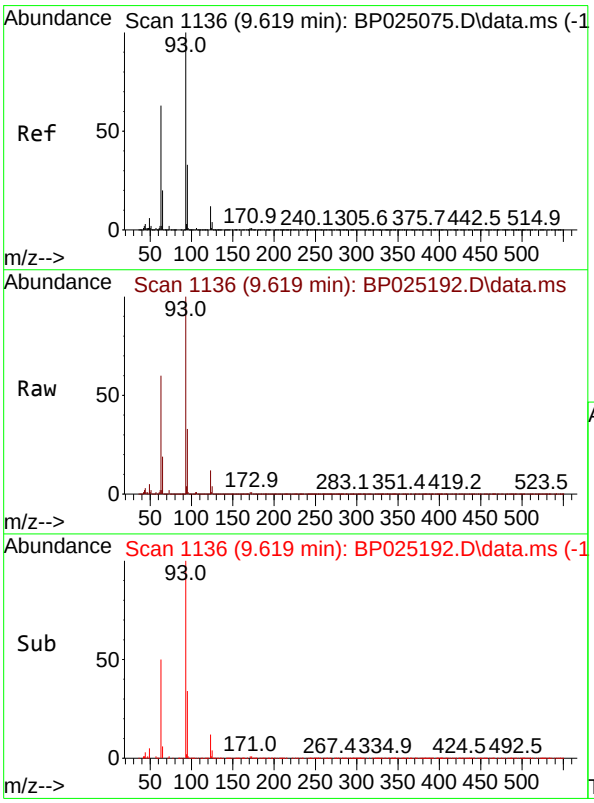
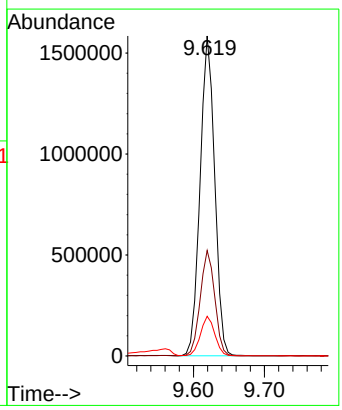
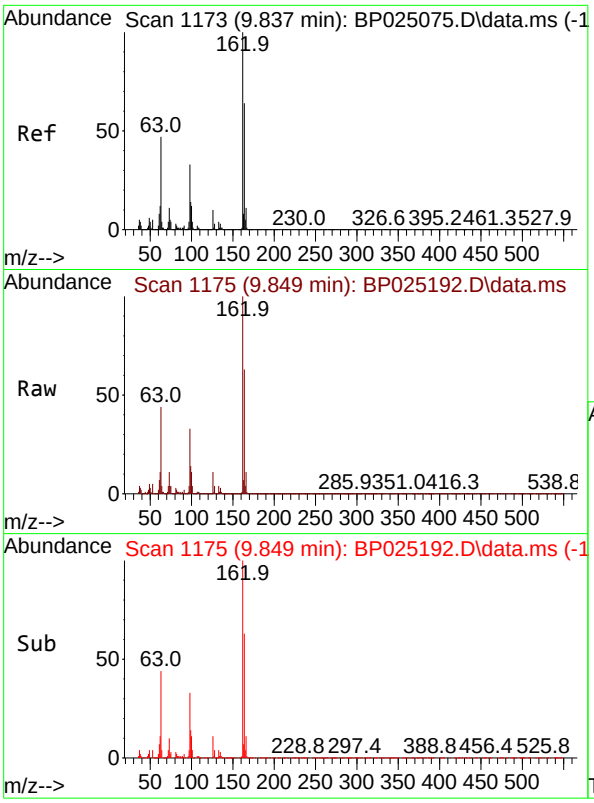


#28
bis(2-Chloroethoxy)methane
Concen: 41.345 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 93 Resp: 2268251

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	12.4	10.1	15.1

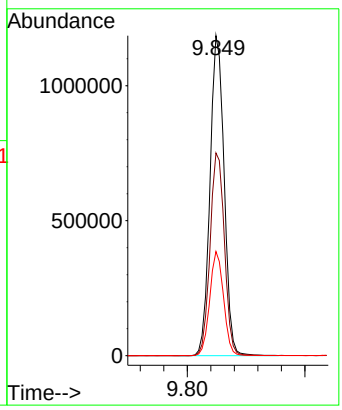




#29
2,4-Dichlorophenol
Concen: 47.336 ng
RT: 9.849 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:162 Resp: 197830

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	32.6	13.1	53.1



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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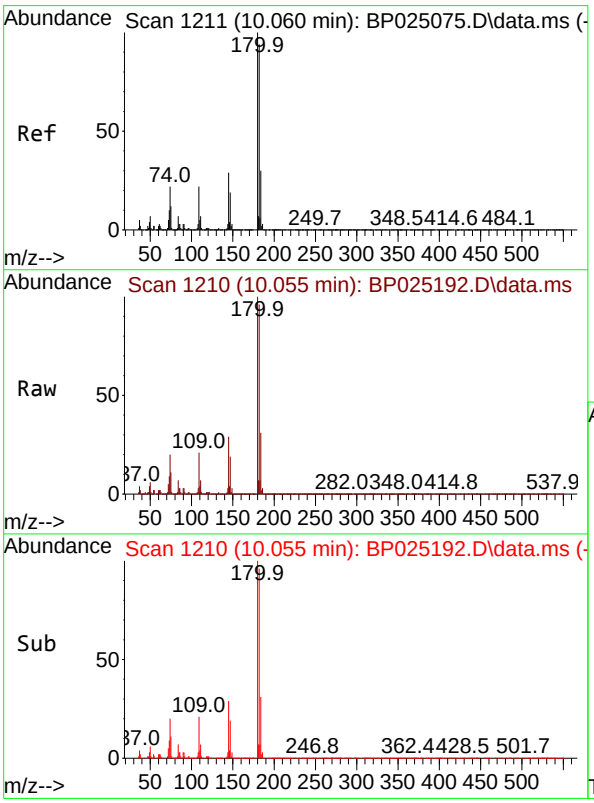
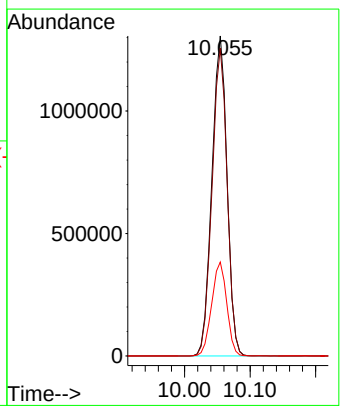
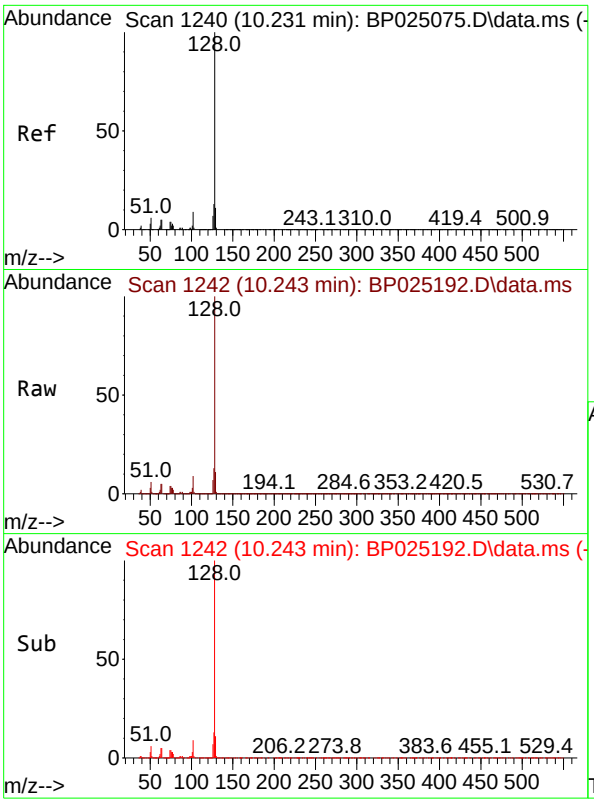


#30
1,2,4-Trichlorobenzene
Concen: 45.153 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:180 Resp: 2089765

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.1	112.7
145	29.4	23.3	34.9

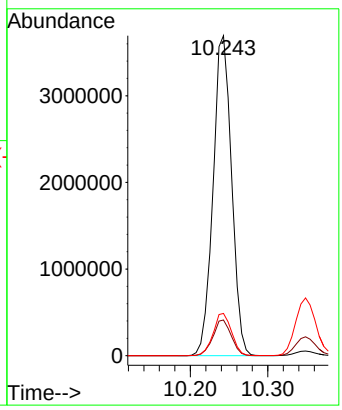




#31
Naphthalene
Concen: 41.322 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:128 Resp: 611803

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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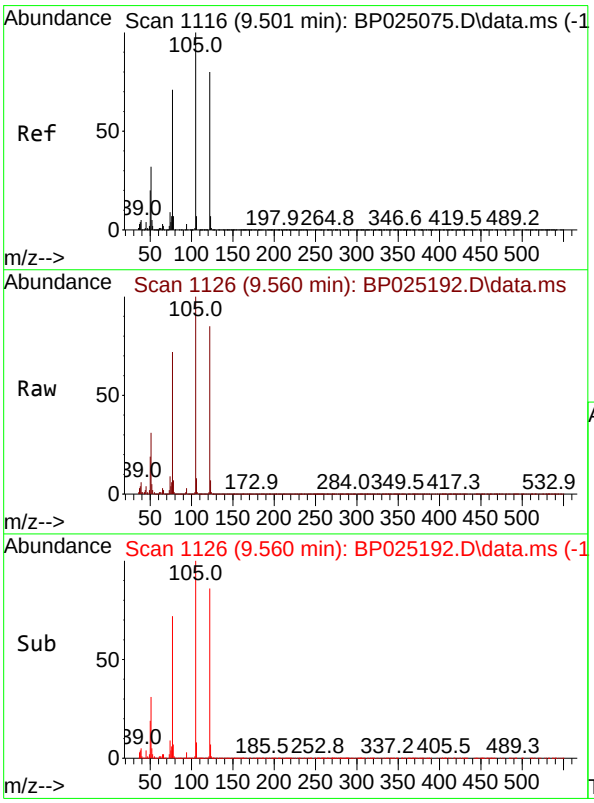
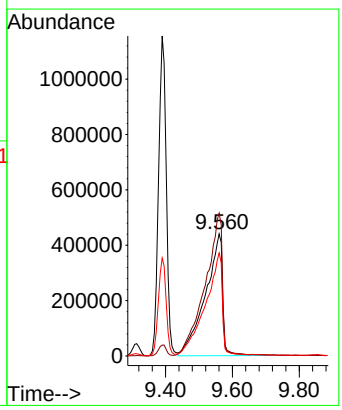
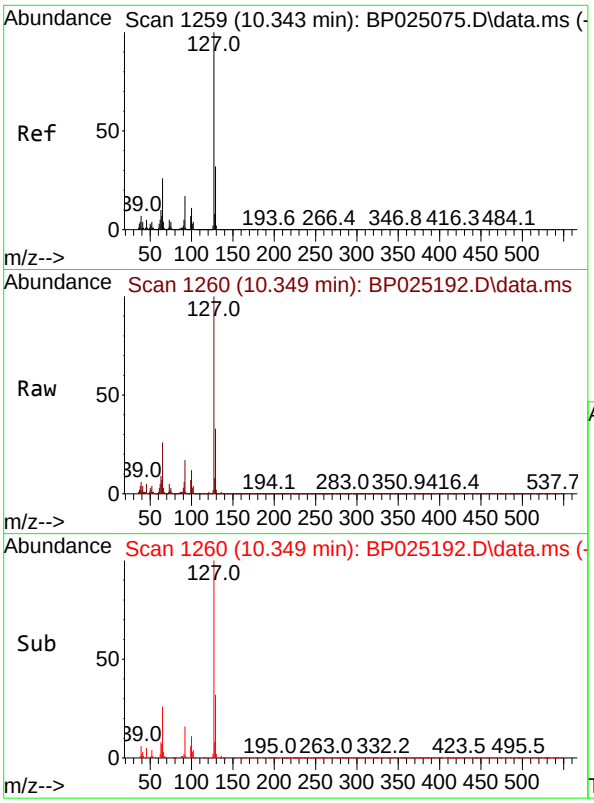


#32
Benzoic acid
Concen: 51.506 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.059 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:122 Resp: 1566557

Ion	Ratio	Lower	Upper
122	100		
105	117.0	101.0	141.0
77	84.4	67.6	107.6

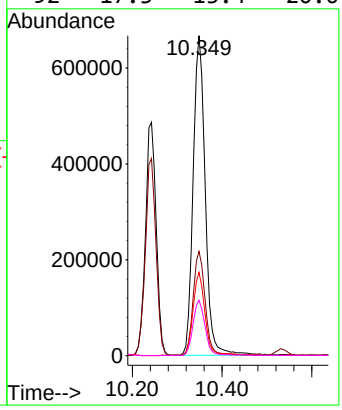




#33
4-Chloroaniline
Concen: 22.604 ng
RT: 10.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:127 Resp: 124893

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	26.1	21.0	31.6
92	17.3	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
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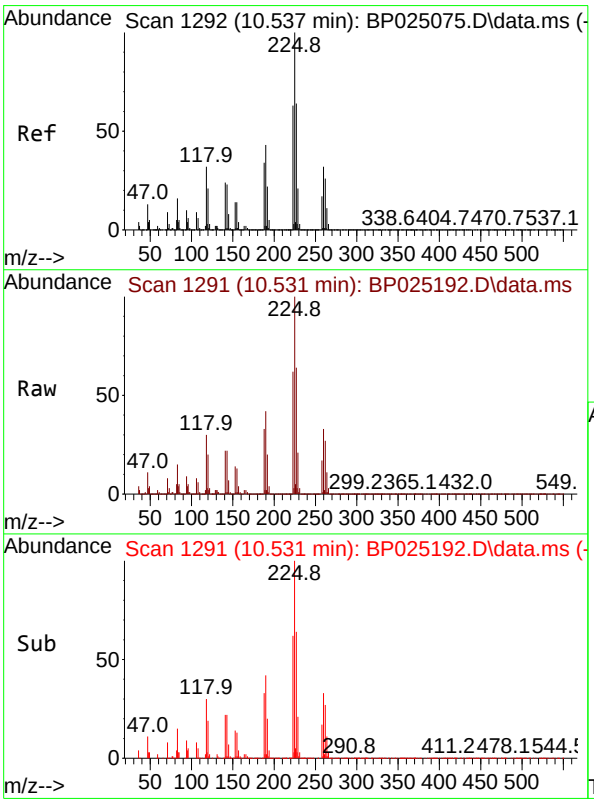
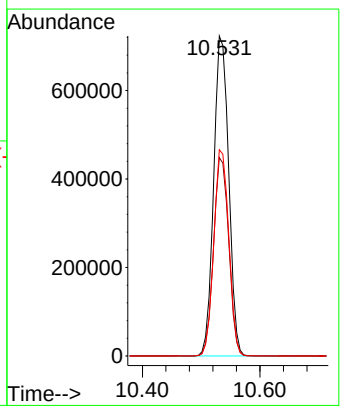
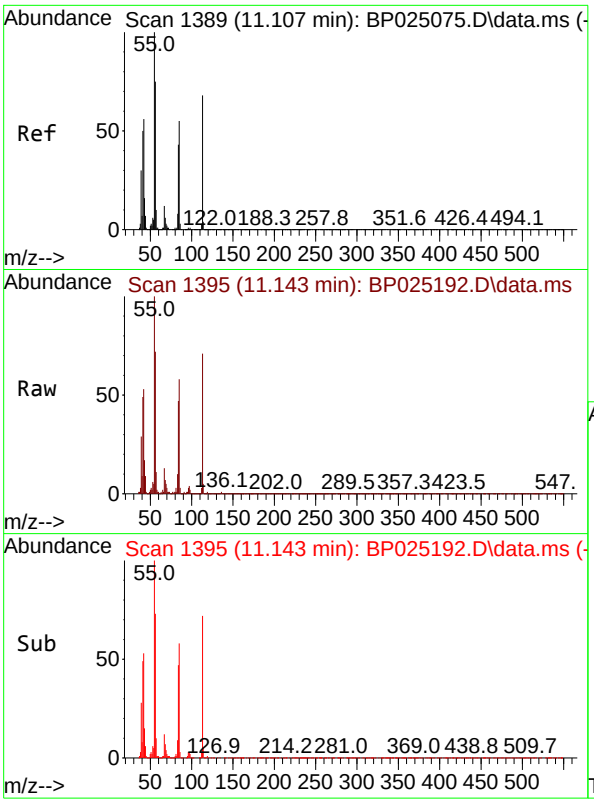


#34
Hexachlorobutadiene
Concen: 48.169 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:225 Resp: 1279328

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.4	51.3	76.9

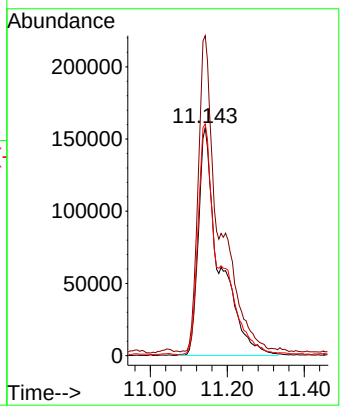




#35
Caprolactam
Concen: 42.085 ng m
RT: 11.143 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:113 Resp: 60170

Ion	Ratio	Lower	Upper
113	100		
55	140.4	128.1	168.1
56	101.7	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
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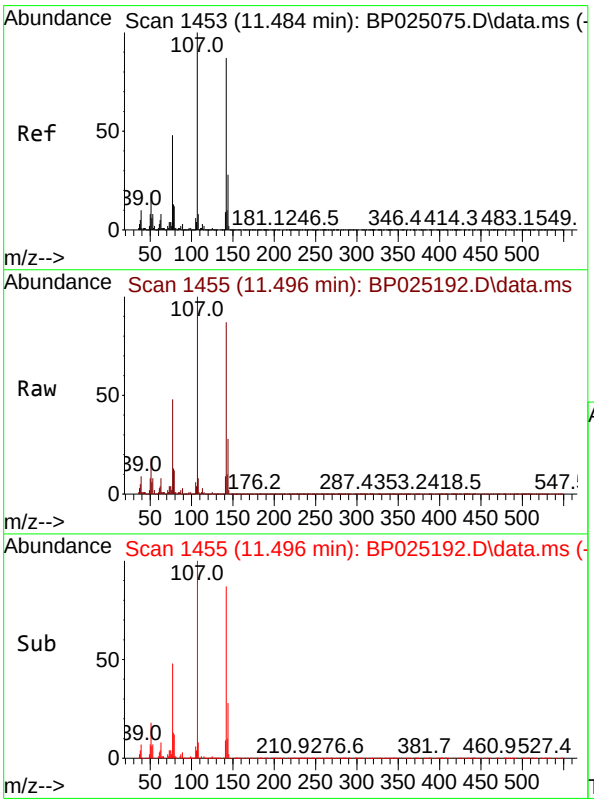
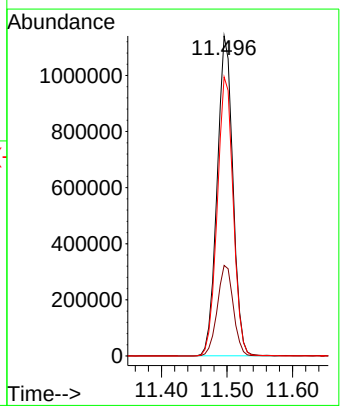
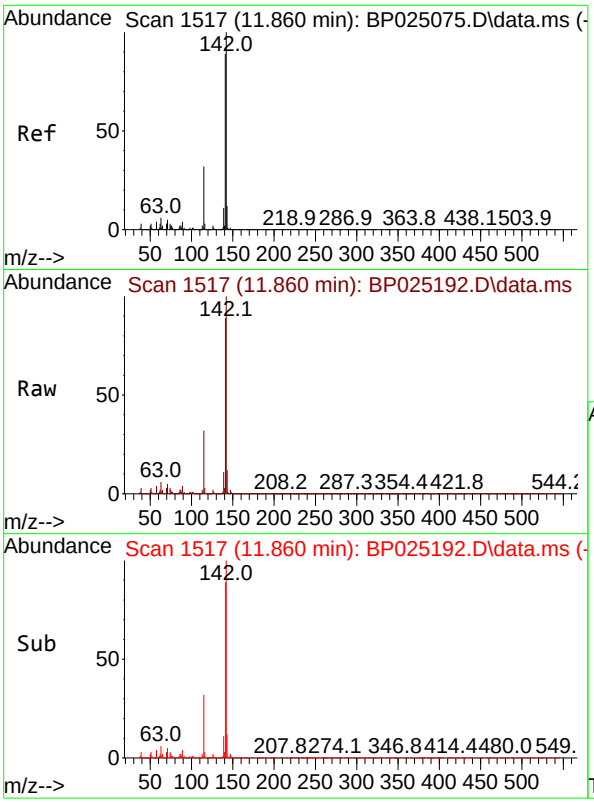


#36
4-Chloro-3-methylphenol
Concen: 43.440 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:107 Resp: 1897199

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.4	33.6
142	87.2	69.6	104.4

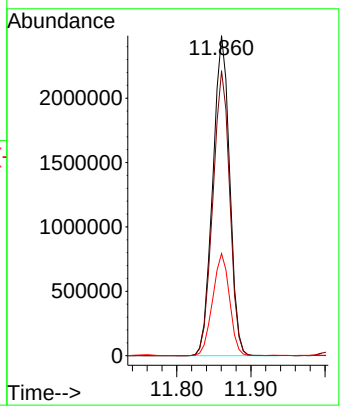




#37
2-Methylnaphthalene
Concen: 37.677 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:142 Resp: 393592

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	31.9	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
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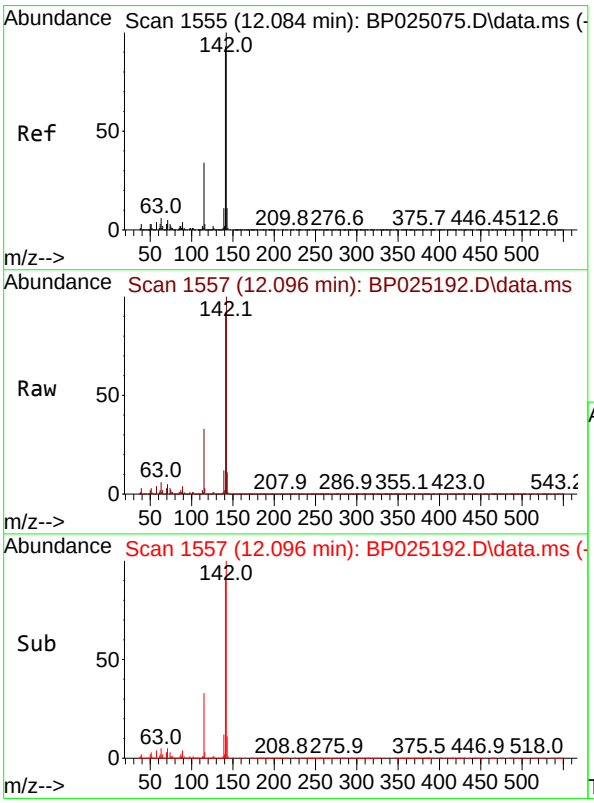
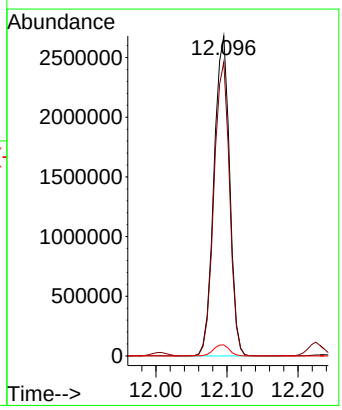
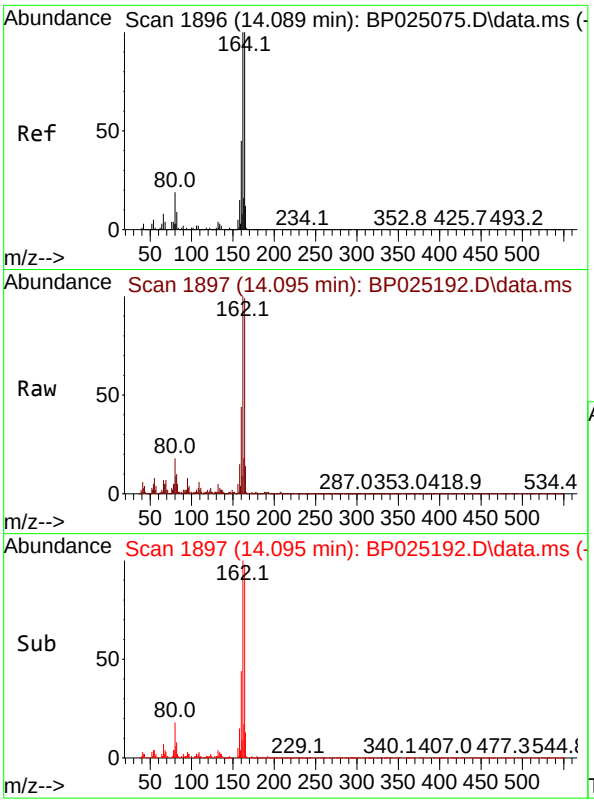


#38
1-Methylnaphthalene
Concen: 40.044 ng
RT: 12.096 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:142 Resp: 4079783

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.4	2.7	4.1

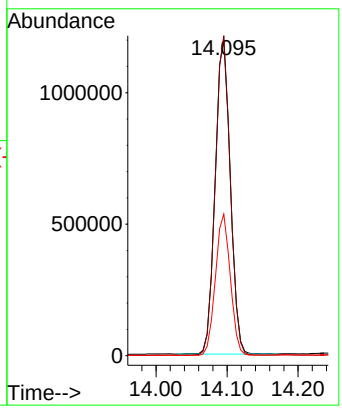




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:164 Resp: 176235

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	44.9	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
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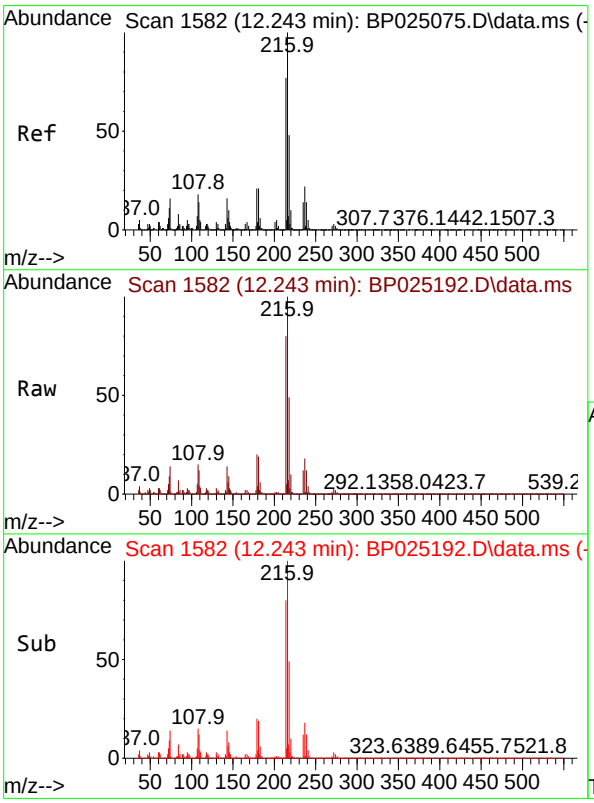
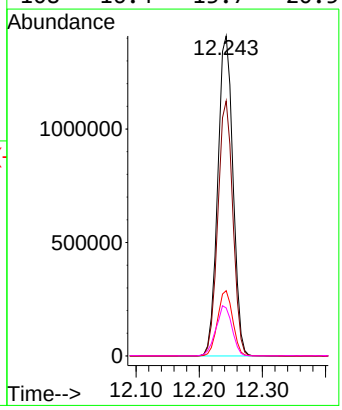
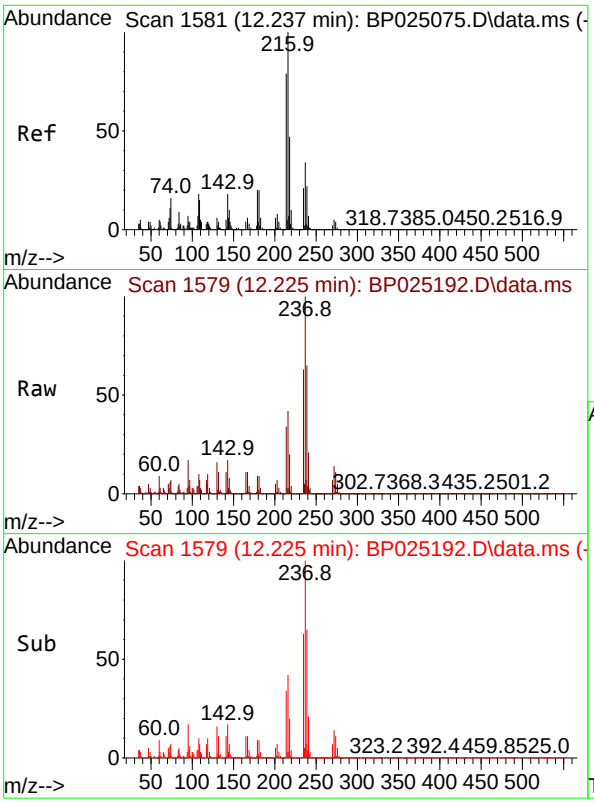


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.625 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:216 Resp: 2361542

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.2	16.5	24.7
108	16.4	13.7	20.5

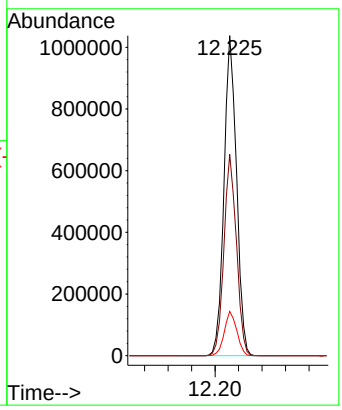




#41
Hexachlorocyclopentadiene
Concen: 115.832 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:237 Resp: 153245

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.6	81.6
272	13.8	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
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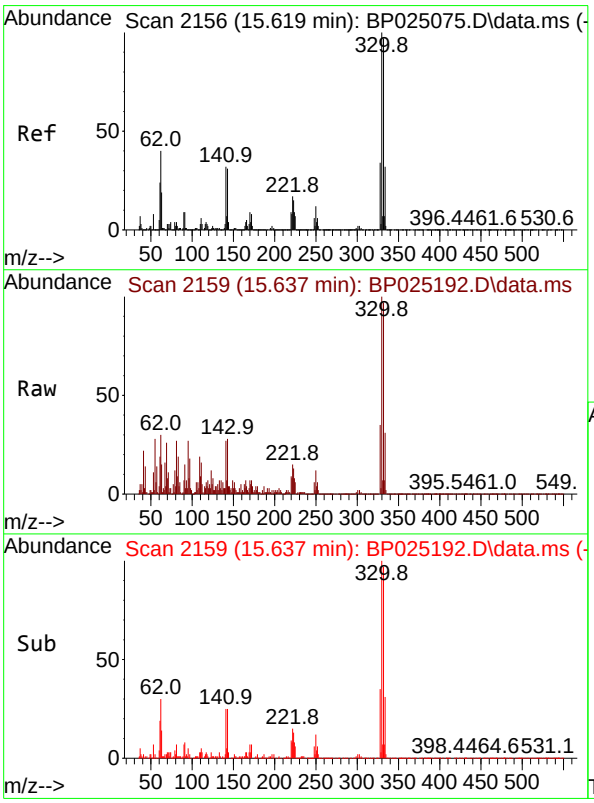
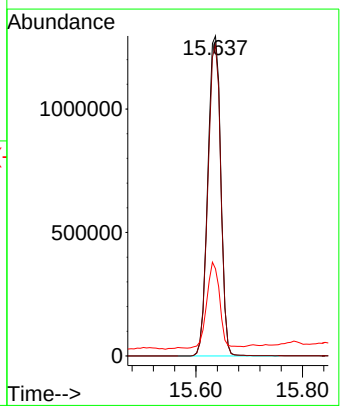
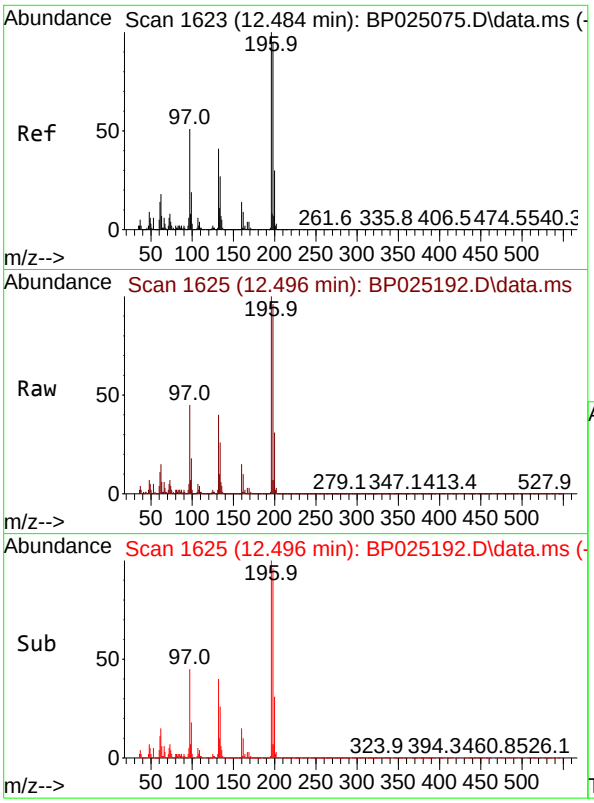


#42
2,4,6-Tribromophenol
Concen: 104.905 ng
RT: 15.637 min Scan# 2159
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:330 Resp: 2184054

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	26.9	26.0	39.0

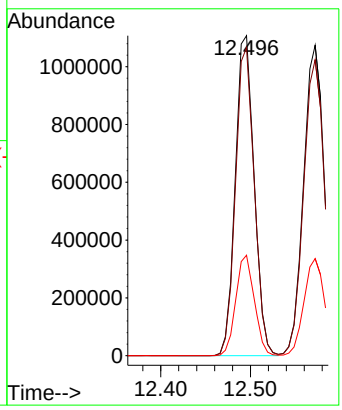




#43
2,4,6-Trichlorophenol
Concen: 52.744 ng
RT: 12.496 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:196 Resp: 161763

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.2
200	31.4	24.3	36.5



Instrument :
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ClientSampleId :
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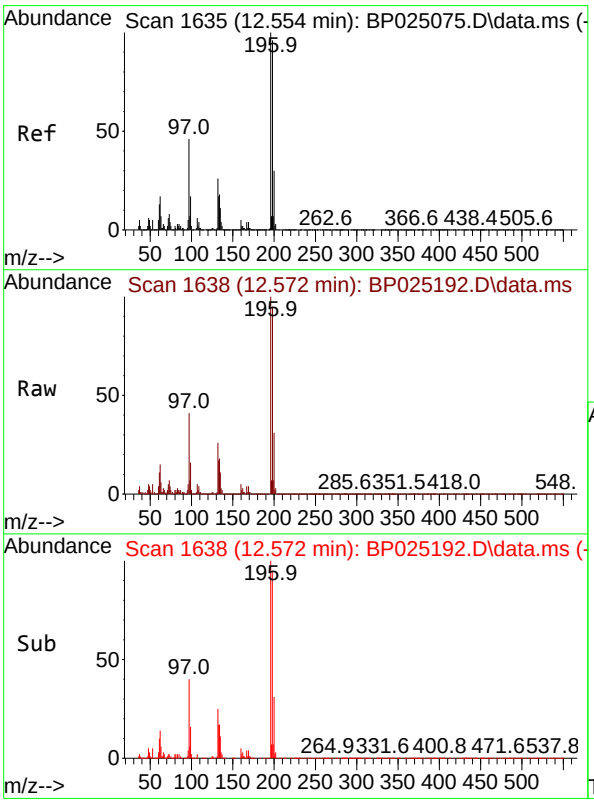
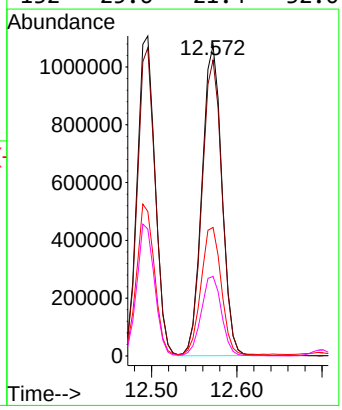
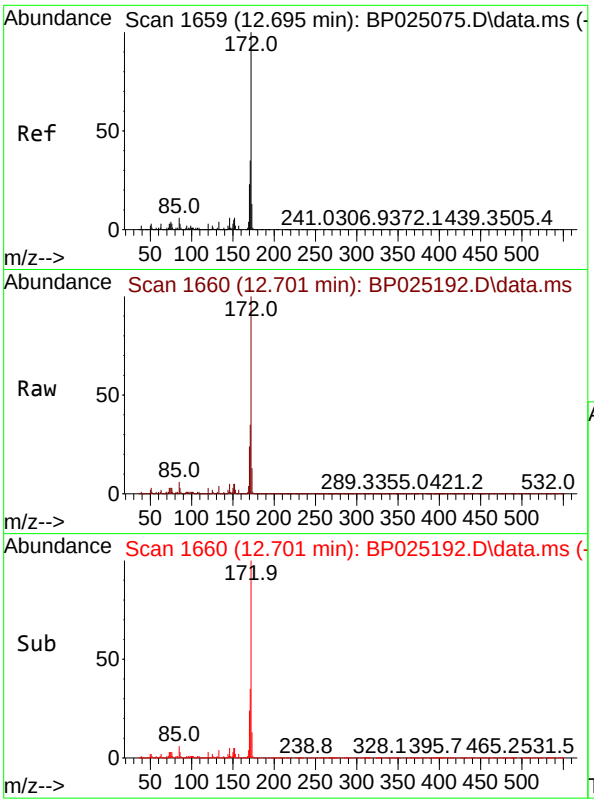


#44
2,4,5-Trichlorophenol
Concen: 50.095 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:196 Resp: 1741173

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
97	41.4	36.6	55.0
132	25.6	21.4	32.0

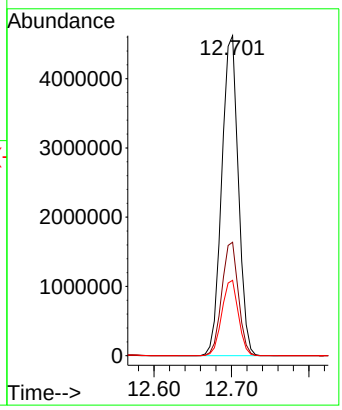




#45
2-Fluorobiphenyl
Concen: 60.625 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:172 Resp: 689681

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.5	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
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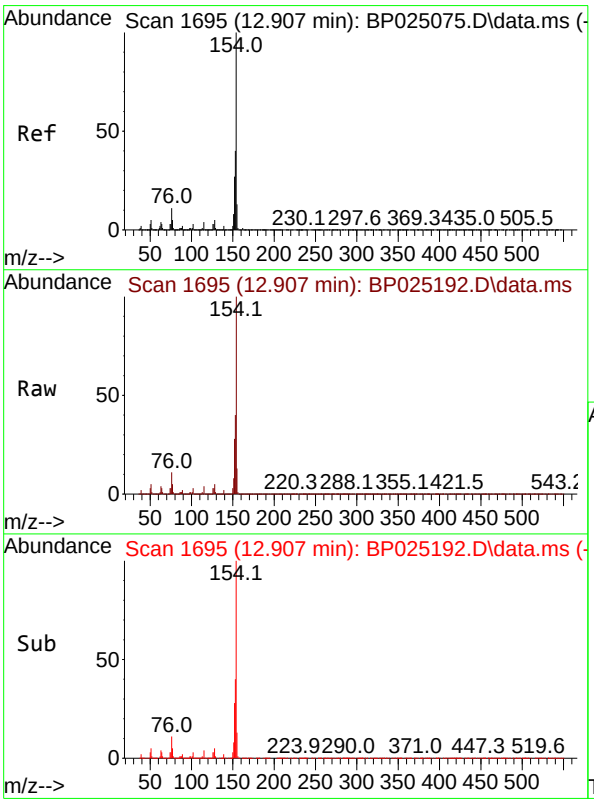
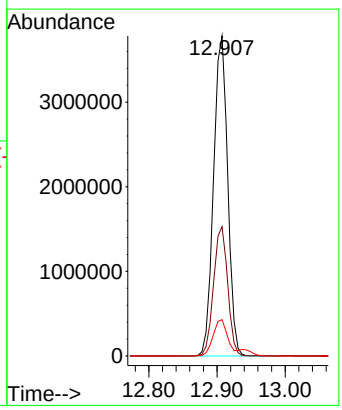
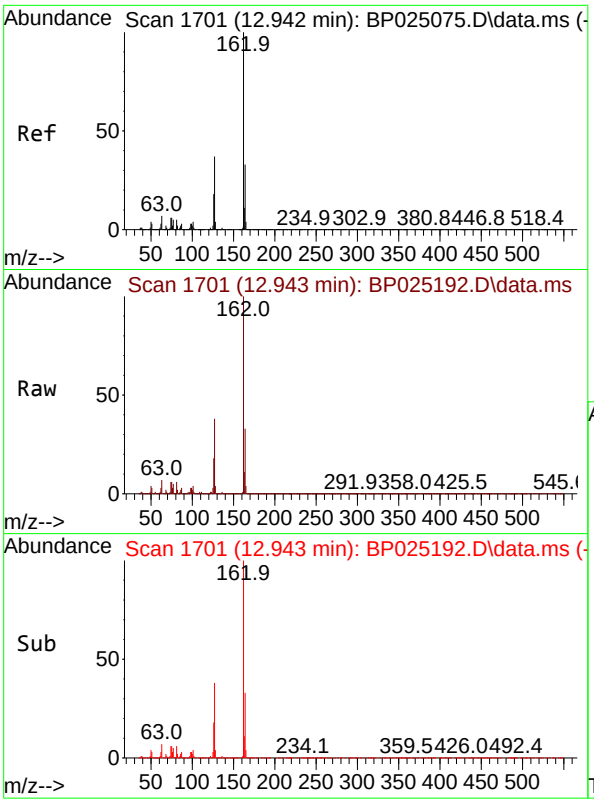


#46
1,1'-Biphenyl
Concen: 42.534 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:154 Resp: 5453993

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.4	0.0	31.5

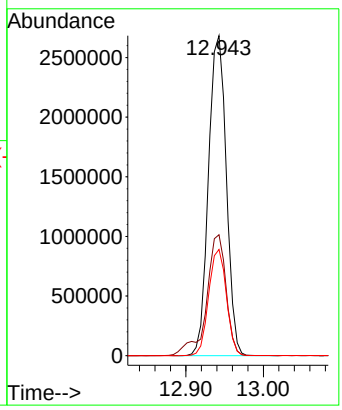




#47
2-Chloronaphthalene
Concen: 44.415 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:162 Resp: 428052

Ion	Ratio	Lower	Upper
162	100		
127	37.8	29.4	44.2
164	33.2	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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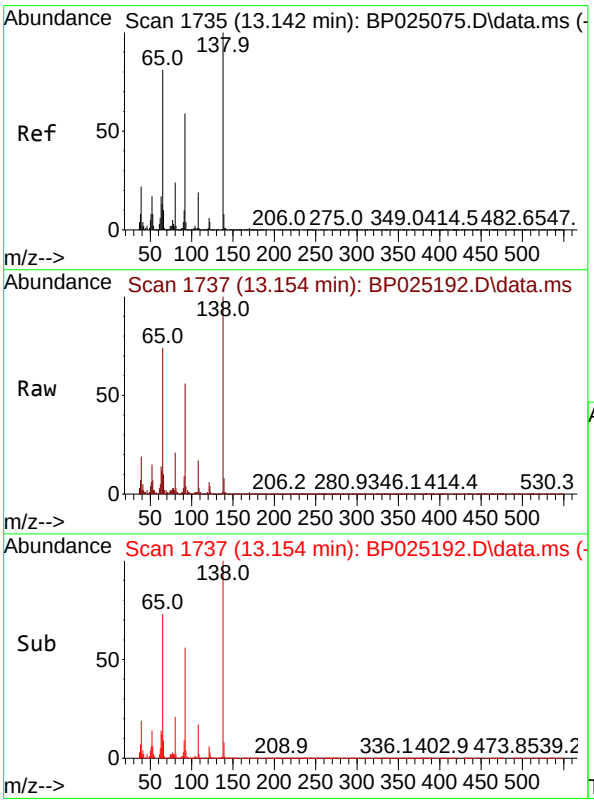
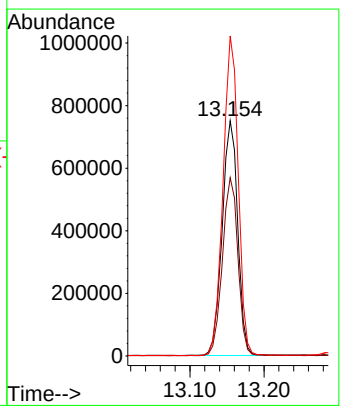
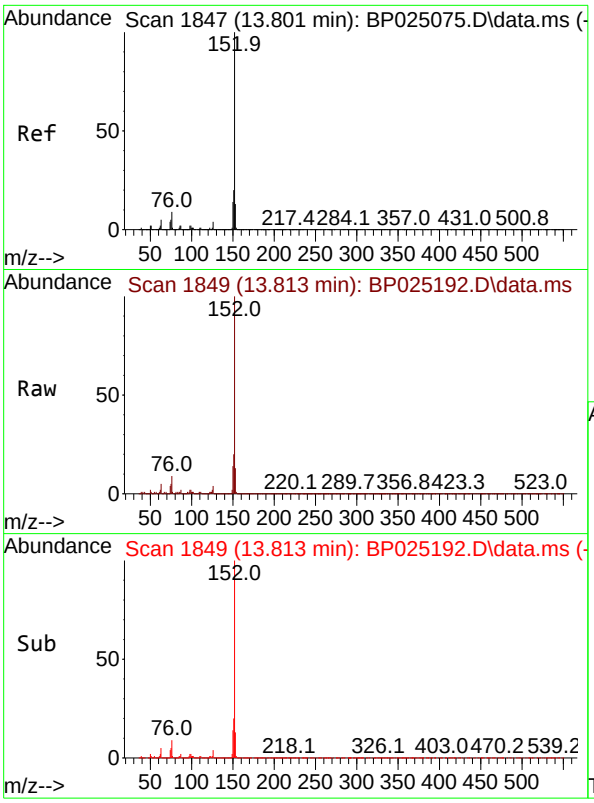


#48
2-Nitroaniline
Concen: 46.416 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 65 Resp: 1093525

Ion	Ratio	Lower	Upper
65	100		
92	75.8	58.7	88.1
138	136.0	99.0	148.4

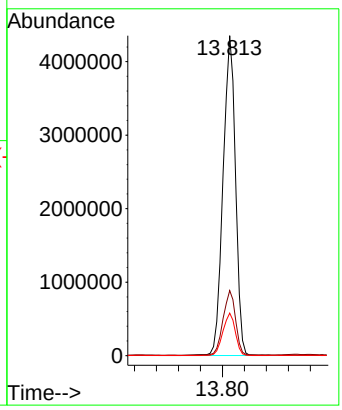




#49
Acenaphthylene
Concen: 46.287 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:152 Resp: 682759

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.3	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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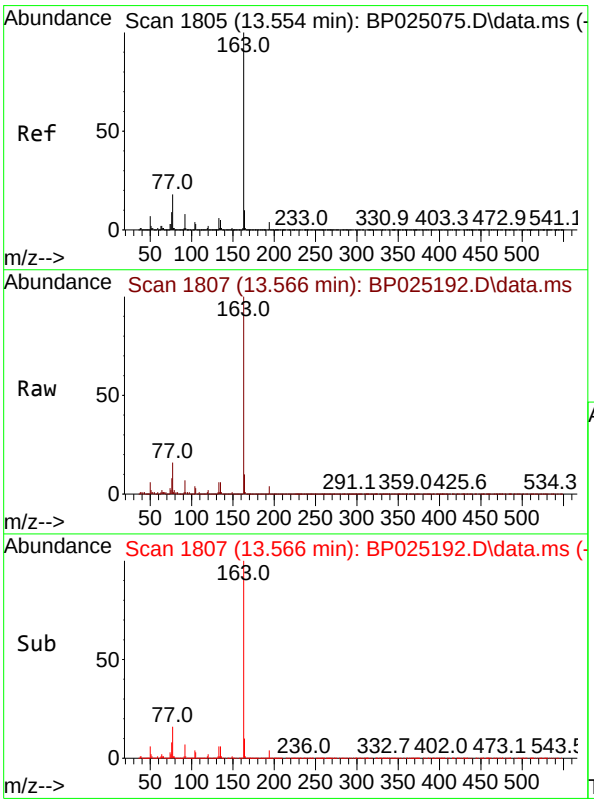
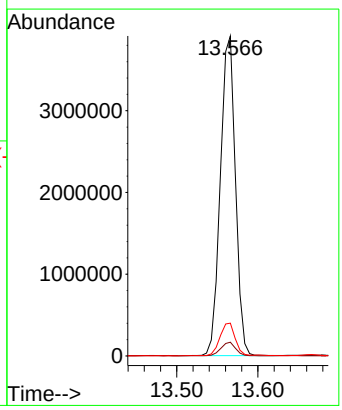
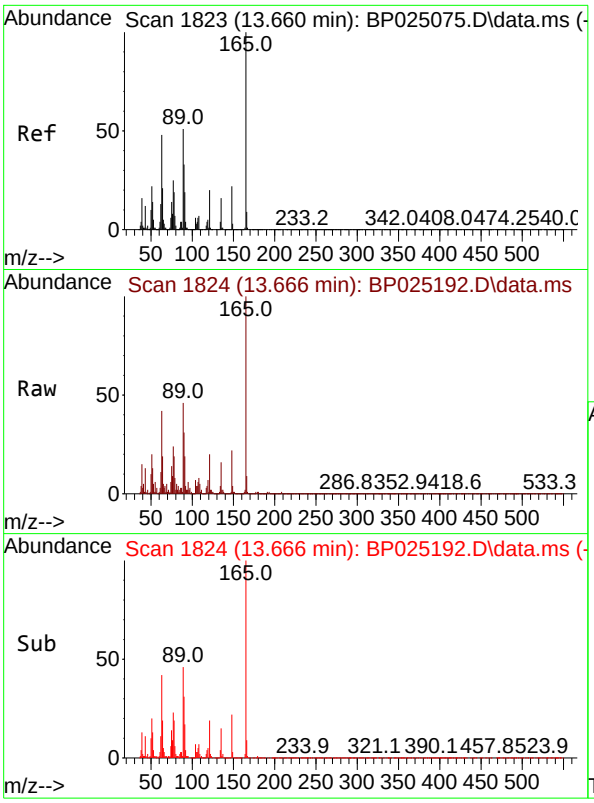


#50
Dimethylphthalate
Concen: 41.042 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:163 Resp: 5063196

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 49.554 ng
RT: 13.666 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:165 Resp: 119227

Ion	Ratio	Lower	Upper
165	100		
63	42.4	38.5	57.7
89	45.7	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
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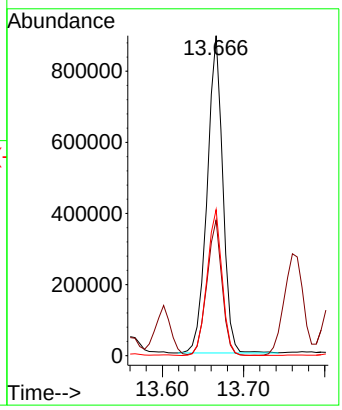
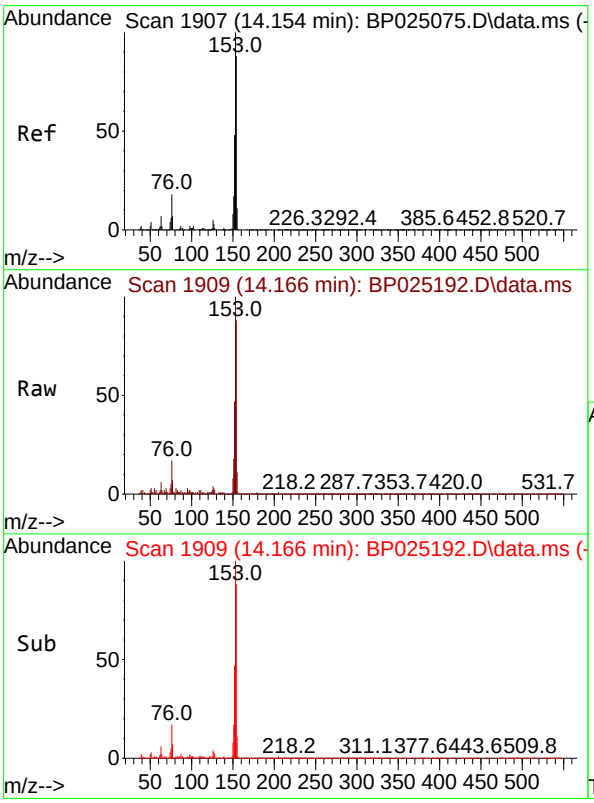
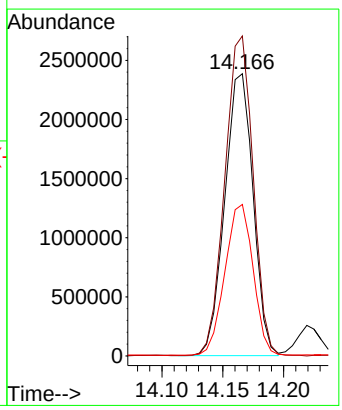


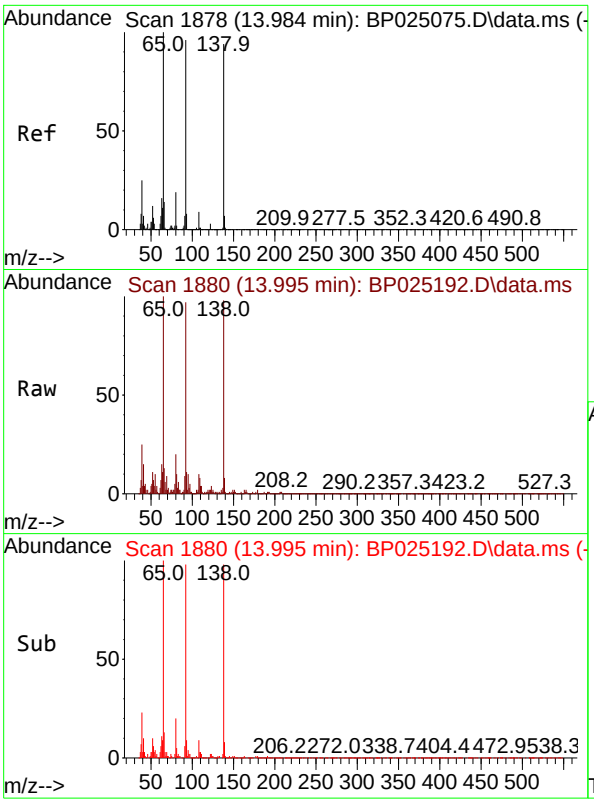


#52
Acenaphthene
Concen: 40.650 ng
RT: 14.166 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:154 Resp: 3864705

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.6	136.0
152	53.7	43.8	65.8

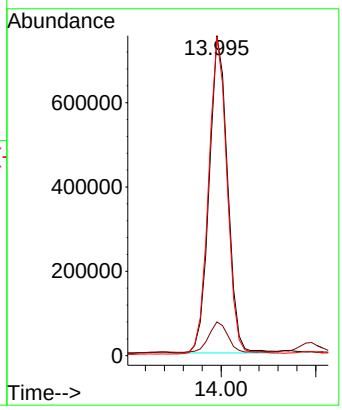




#53
3-Nitroaniline
Concen: 39.472 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:138 Resp: 101778

Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.8
92	99.7	81.0	121.4



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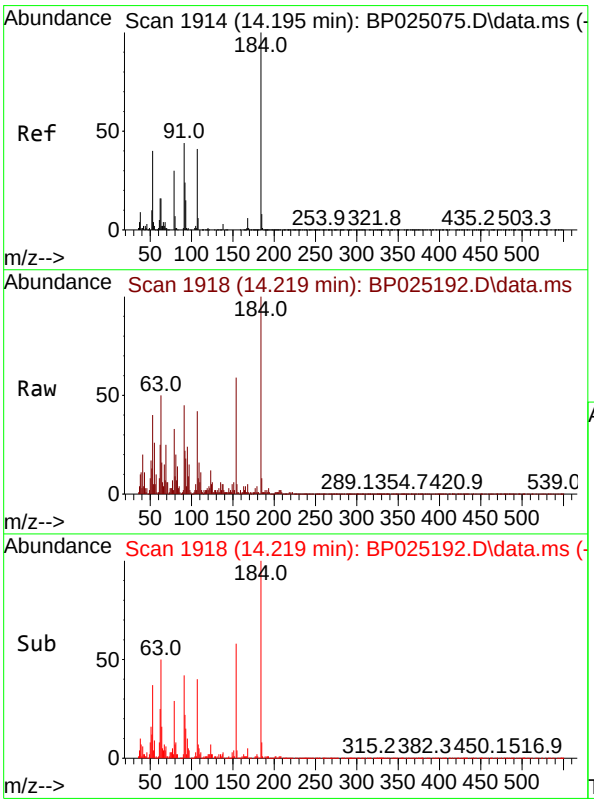
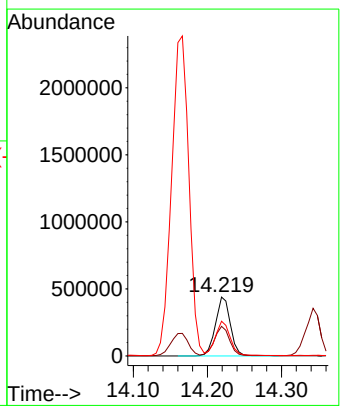
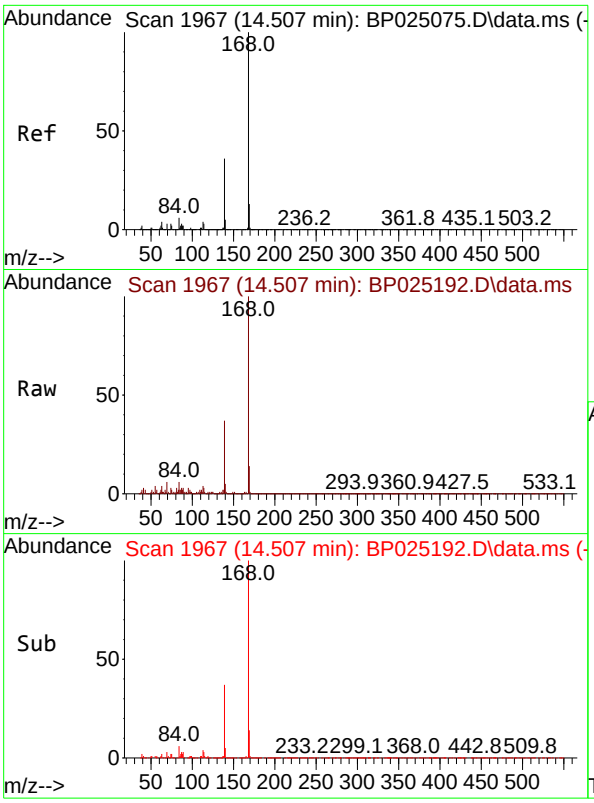


#54
2,4-Dinitrophenol
Concen: 54.176 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:184 Resp: 615118

Ion	Ratio	Lower	Upper
184	100		
63	50.2	47.4	71.0
154	58.9	47.8	71.8

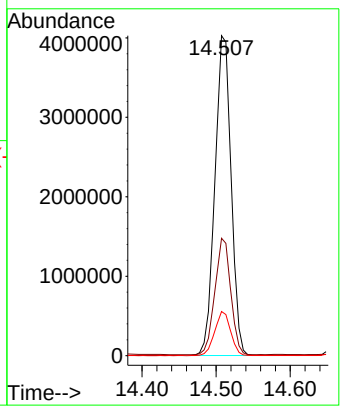




#55
Dibenzofuran
Concen: 38.992 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:168 Resp: 611785

Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.6	43.0
169	13.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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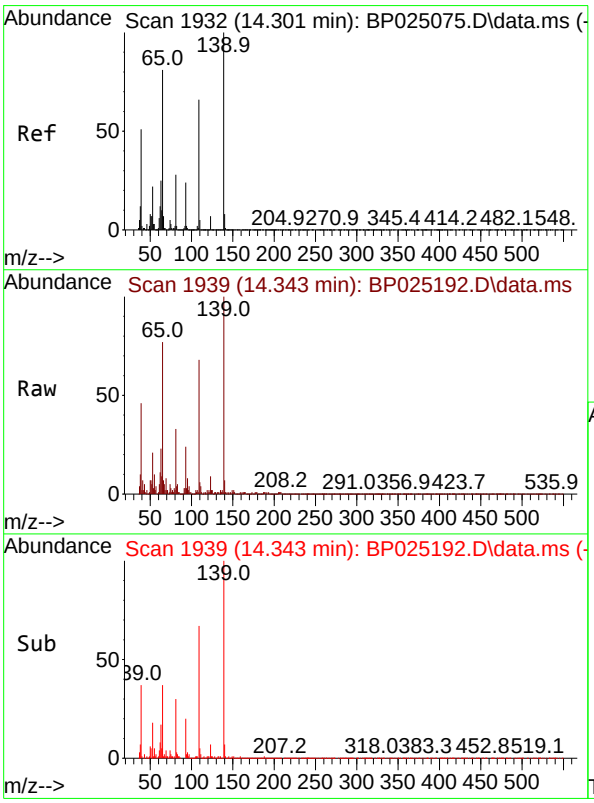
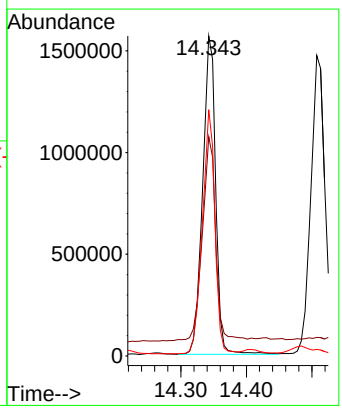
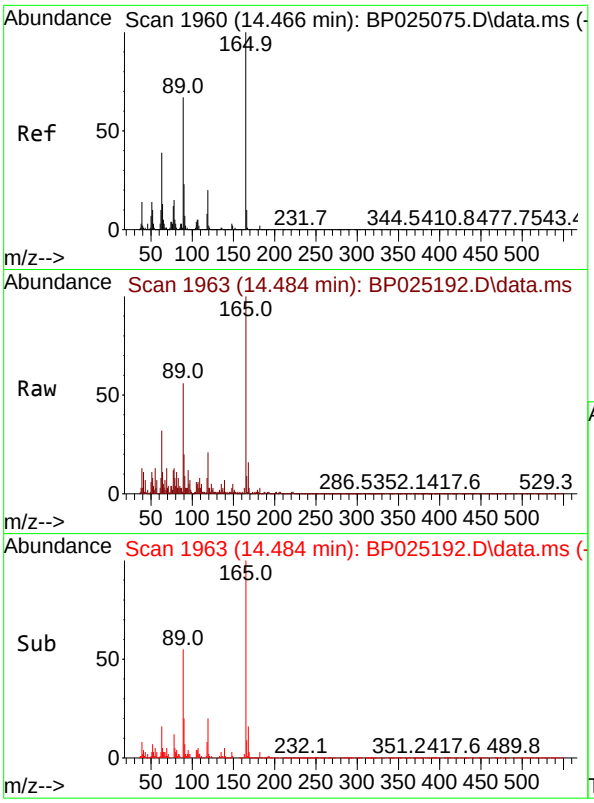


#56
4-Nitrophenol
Concen: 90.971 ng
RT: 14.343 min Scan# 1939
Delta R.T. 0.041 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:139 Resp: 2164669

Ion	Ratio	Lower	Upper
139	100		
109	68.5	45.9	85.9
65	77.0	61.4	101.4

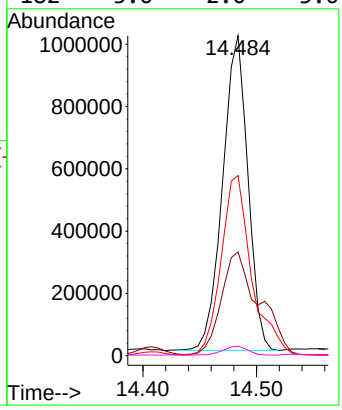




#57
2,4-Dinitrotoluene
Concen: 44.344 ng
RT: 14.484 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:165 Resp: 155833

Ion	Ratio	Lower	Upper
165	100		
63	32.4	31.0	46.4
89	56.3	53.4	80.0
182	3.0	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
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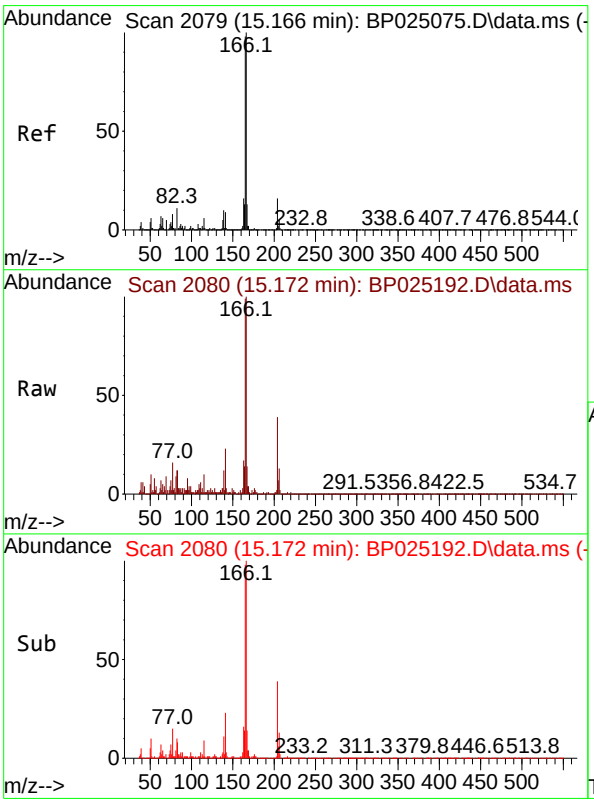
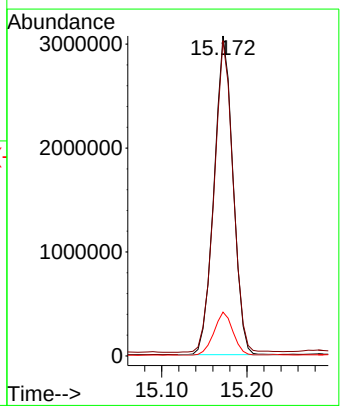
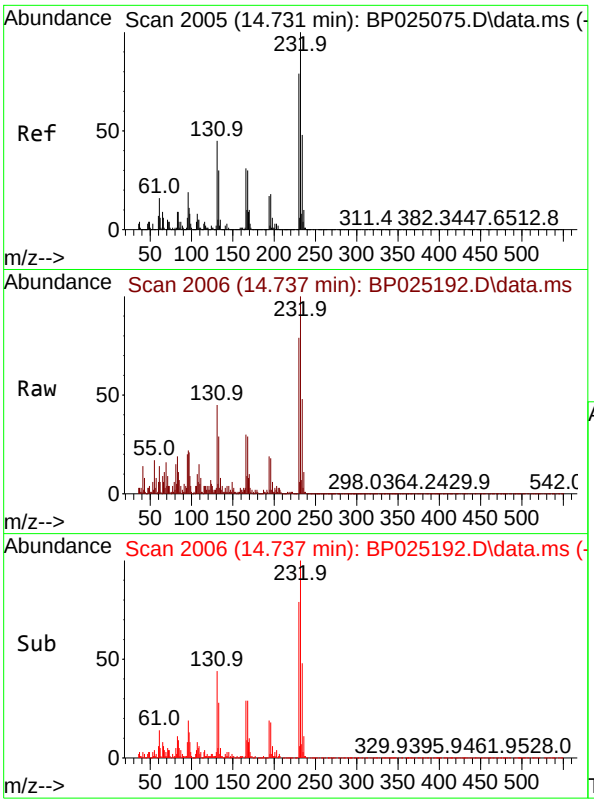


#58
Fluorene
Concen: 39.012 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:166 Resp: 4734515

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.7	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.567 ng
RT: 14.737 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion:232 Resp: 146570

Ion	Ratio	Lower	Upper
232	100		
131	41.7	35.7	53.5
130	2.5	1.8	2.6
166	28.2	24.4	36.6

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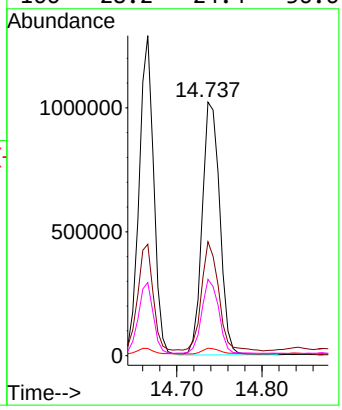
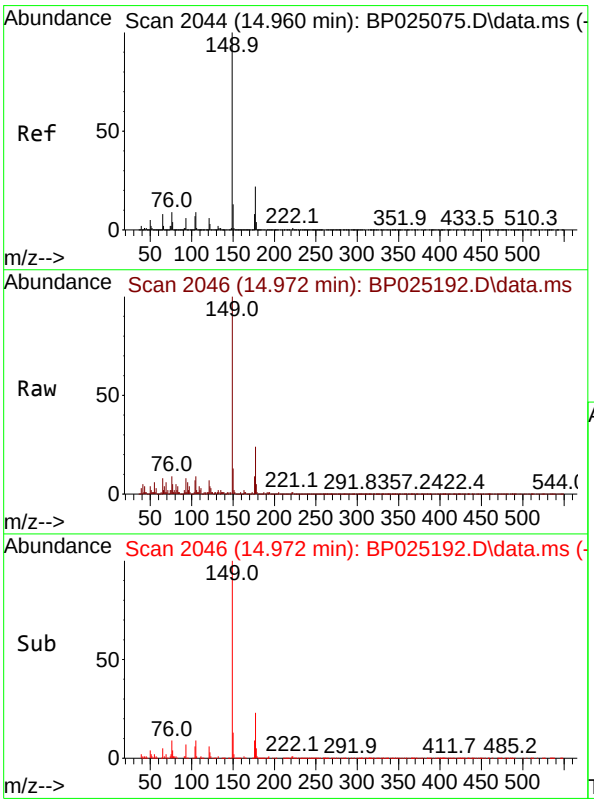
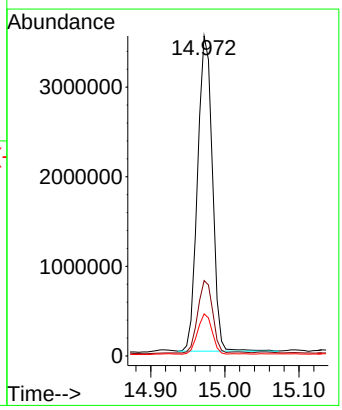


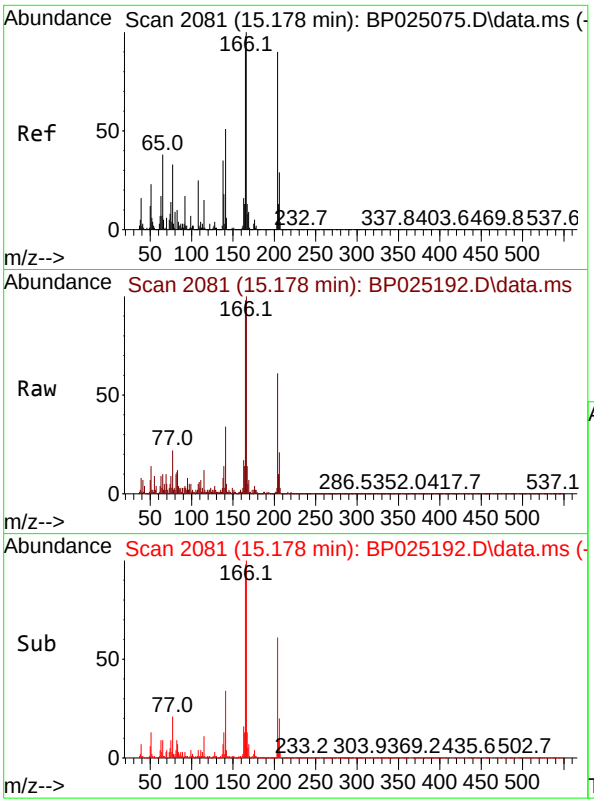


#60
Diethylphthalate
Concen: 39.371 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:149 Resp: 4878323

Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.8	26.8
150	13.1	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.857 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:204 Resp: 239379

Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	55.9	45.1	67.7

Instrument :
BNA_P
ClientSampleId :
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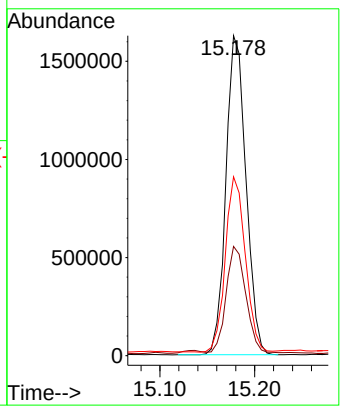
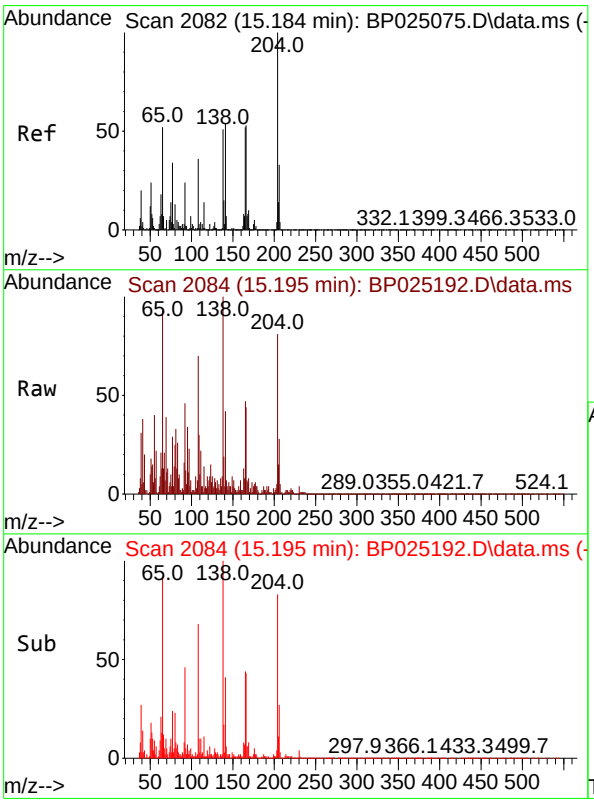
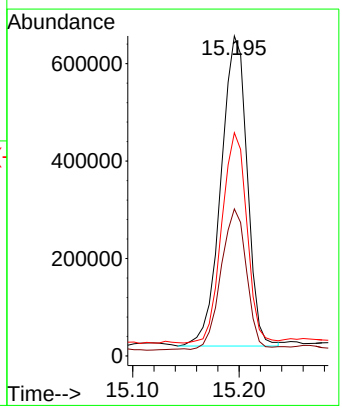


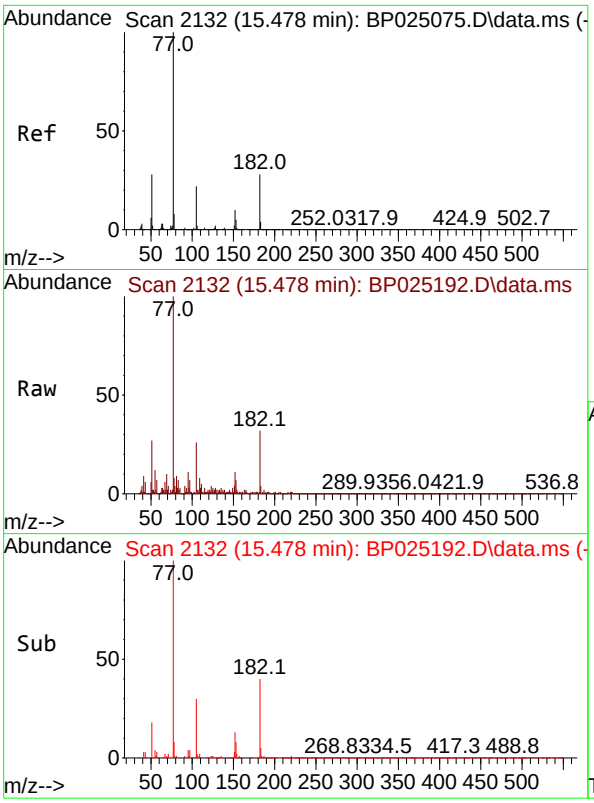


#62
4-Nitroaniline
Concen: 40.246 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:138 Resp: 1088146

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	69.8	50.0	90.0

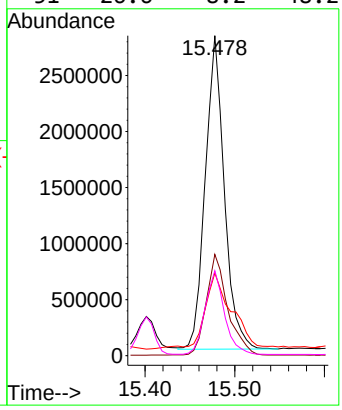




#63
Azobenzene
Concen: 37.408 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion: 77 Resp: 412740

Ion	Ratio	Lower	Upper
77	100		
182	31.6	7.7	47.7
105	25.8	1.9	41.9
51	26.6	8.2	48.2



Instrument :
BNA_P
ClientSampleId :
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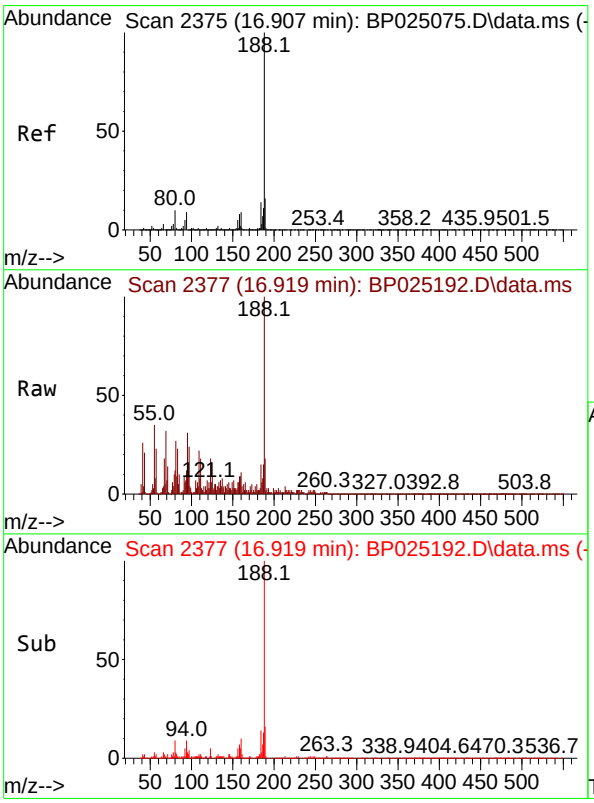
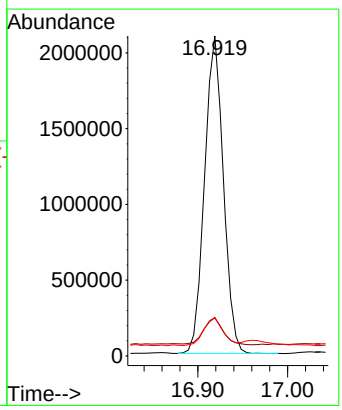
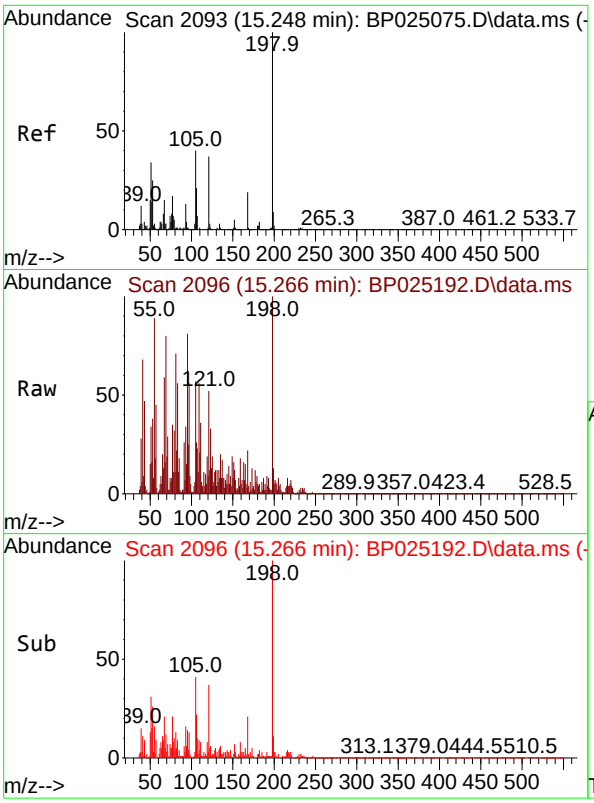


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:188 Resp: 3047795

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.3	10.9#
80	12.1	7.8	11.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 32.979 ng
RT: 15.266 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:198 Resp: 42999

Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.8	56.8
105	56.7	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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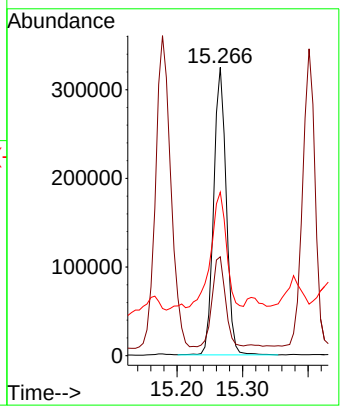
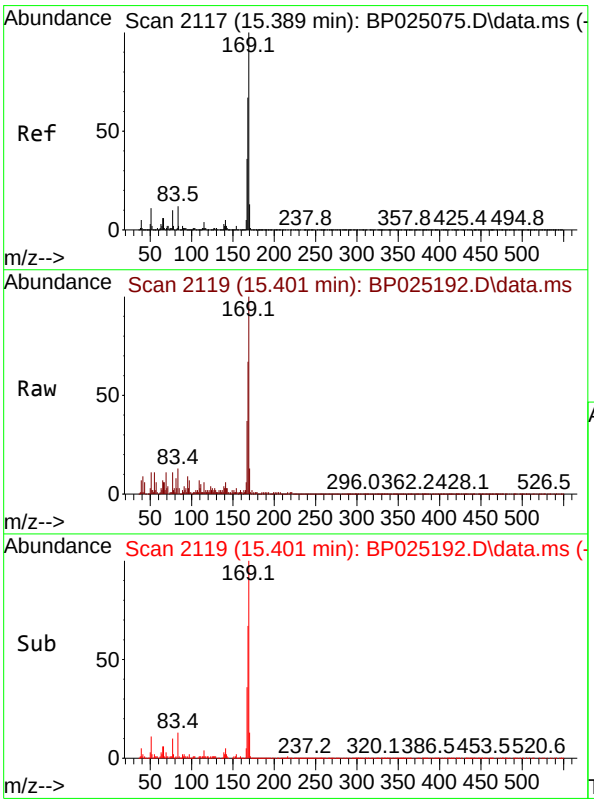
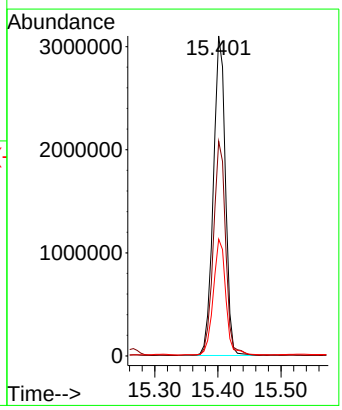


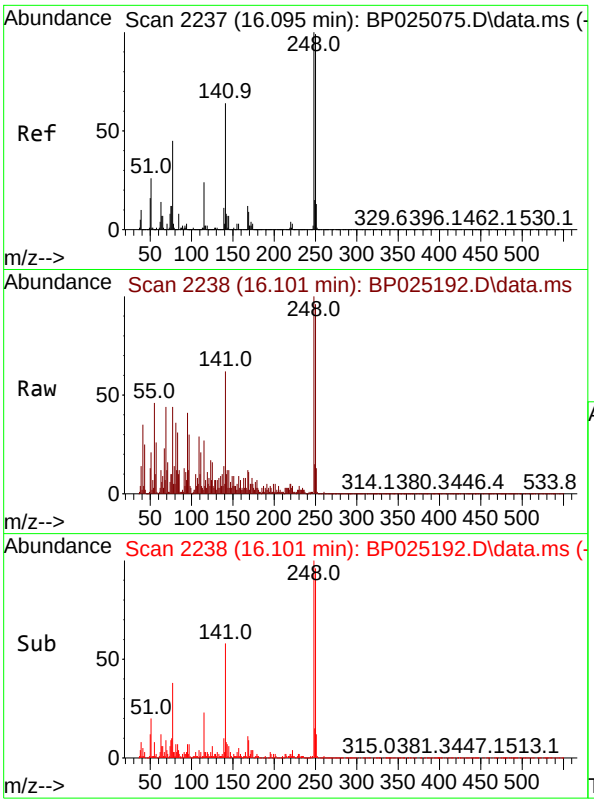


#66
n-Nitrosodiphenylamine
Concen: 47.136 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:169 Resp: 4111370

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	36.5	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 53.316 ng
RT: 16.101 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion:248 Resp: 166378

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.2
141	62.0	51.4	77.0

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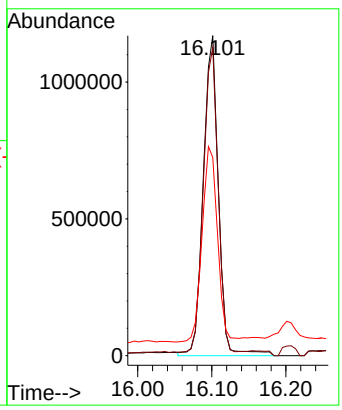
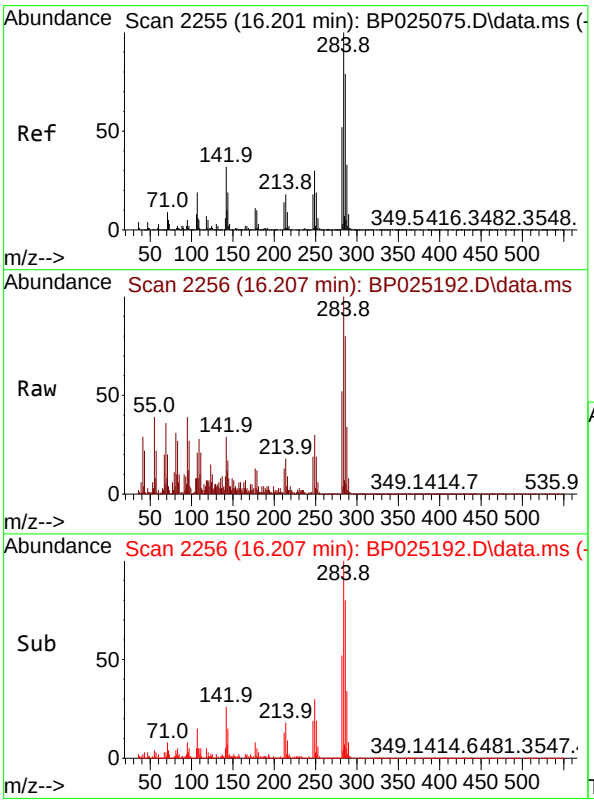
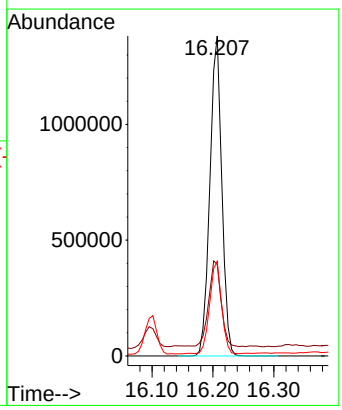


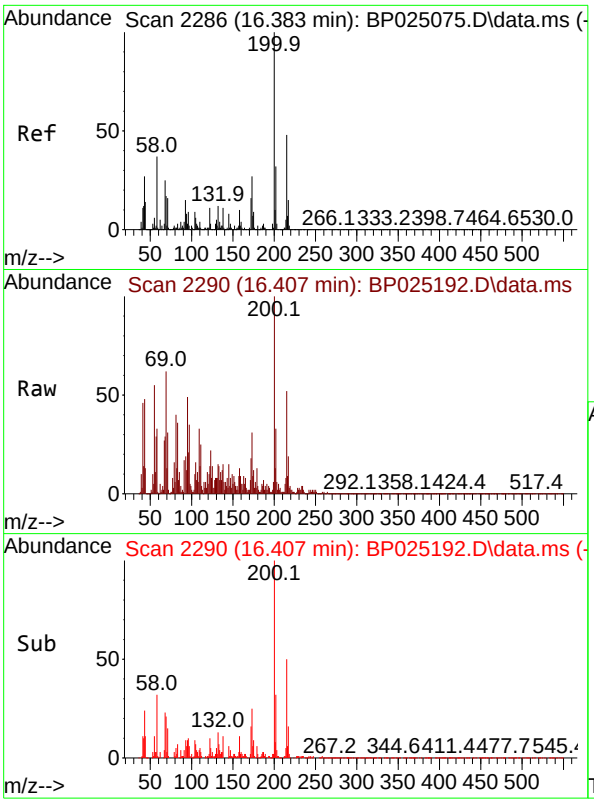


#68
Hexachlorobenzene
Concen: 49.321 ng
RT: 16.207 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:284 Resp: 1881224

Ion	Ratio	Lower	Upper
284	100		
142	28.6	25.9	38.9
249	29.5	23.8	35.8





#69
Atrazine
Concen: 59.881 ng
RT: 16.407 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion:200 Resp: 153051

Ion	Ratio	Lower	Upper
200	100		
173	31.3	6.6	46.6
215	52.4	28.0	68.0

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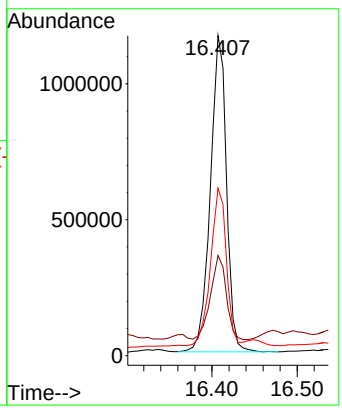
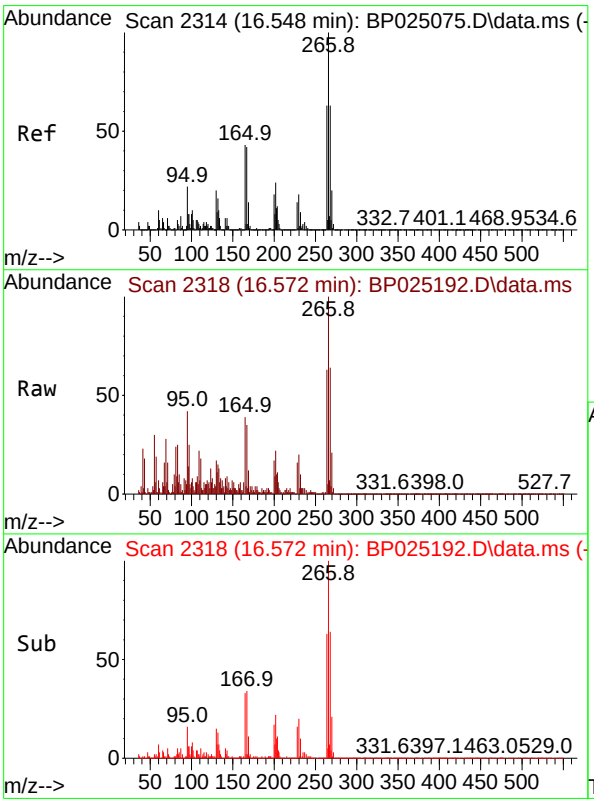
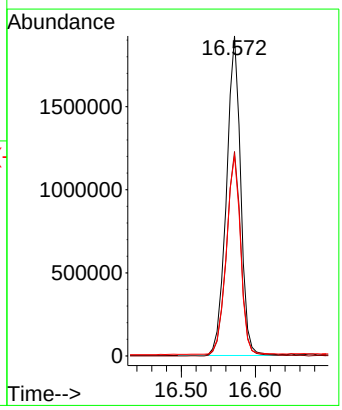


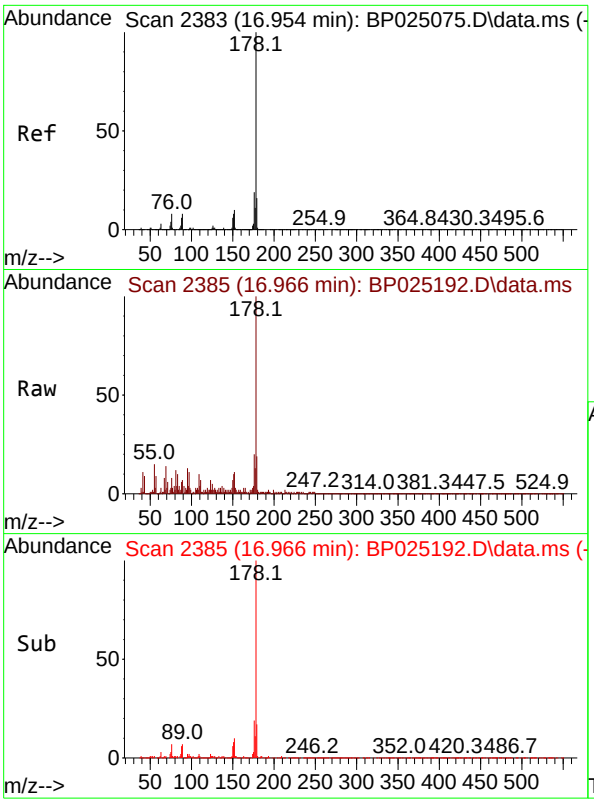


#70
Pentachlorophenol
Concen: 99.349 ng
RT: 16.572 min Scan# 2318
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:266 Resp: 2559186

Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.4	75.6
264	62.6	50.2	75.2





#71
Phenanthrene
Concen: 41.981 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:178 Resp: 683697

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	18.8	12.6	19.0

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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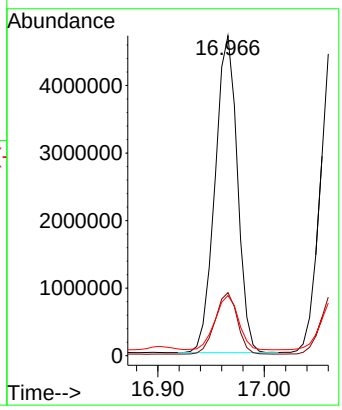
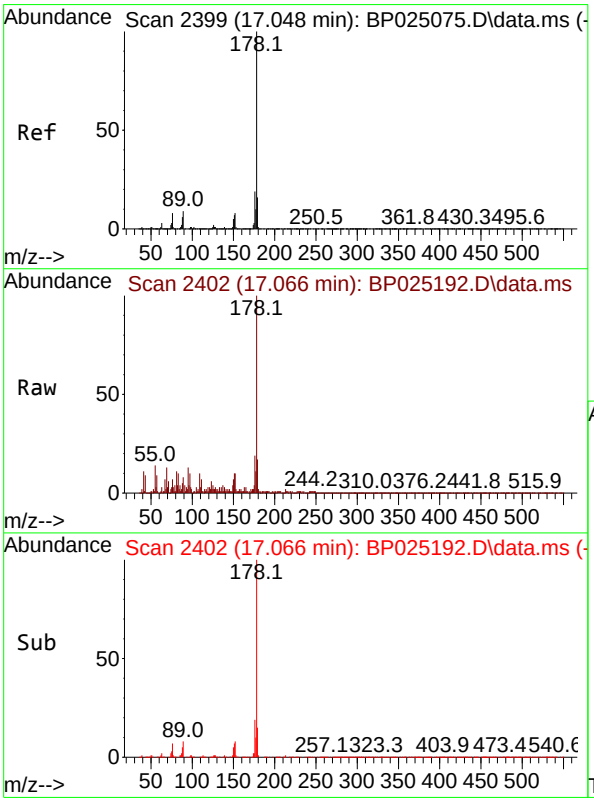
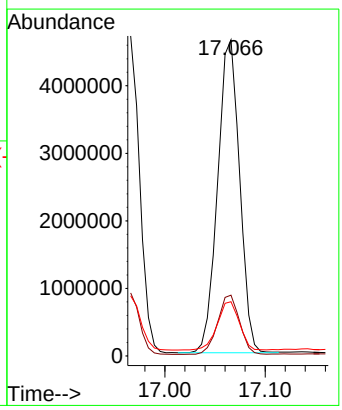


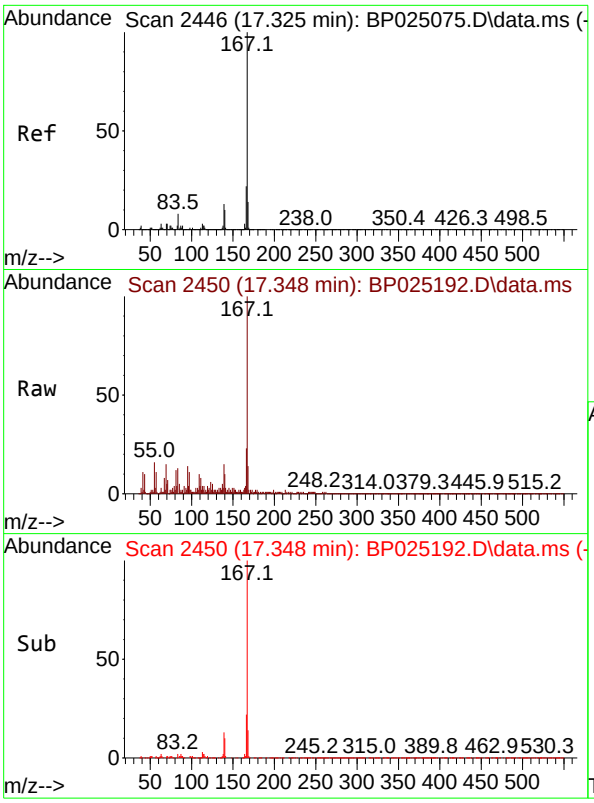


#72
Anthracene
Concen: 45.069 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:178 Resp: 7041601

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	17.1	12.5	18.7





#73
Carbazole
Concen: 42.274 ng
RT: 17.348 min Scan# 24
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:167 Resp: 645792

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	14.6	10.4	15.6

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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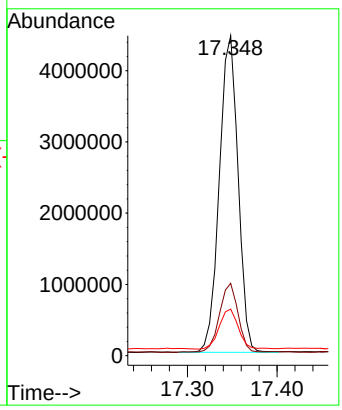
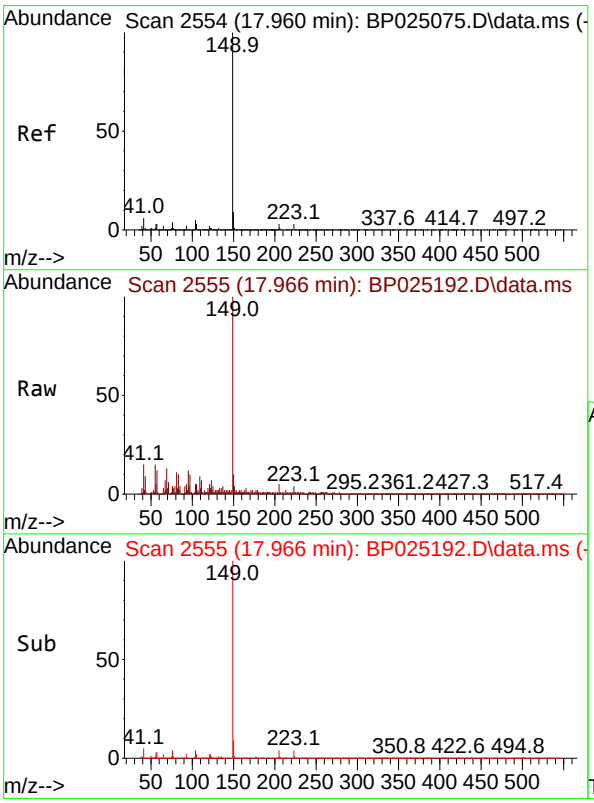
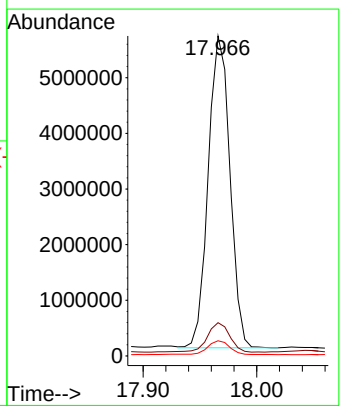


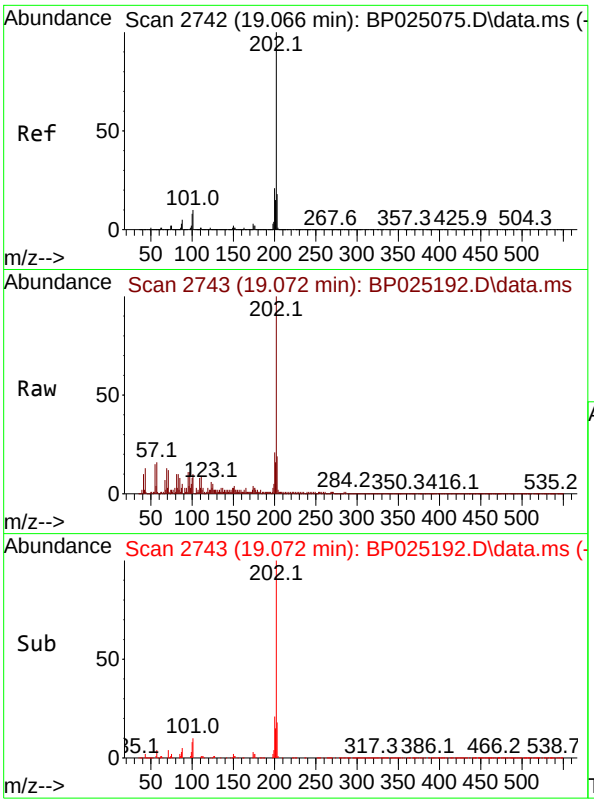


#74
Di-n-butylphthalate
Concen: 43.739 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:149 Resp: 7440665

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.3	10.9
104	4.8	3.8	5.6





#75
Fluoranthene
Concen: 44.136 ng
RT: 19.072 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:202 Resp: 840189

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
203	19.0	0.0	37.6

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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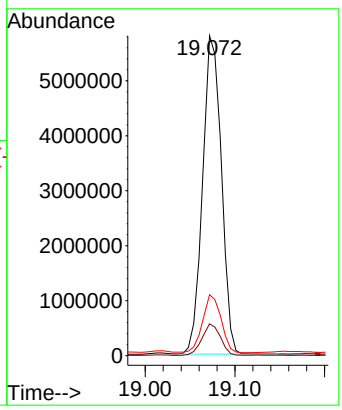
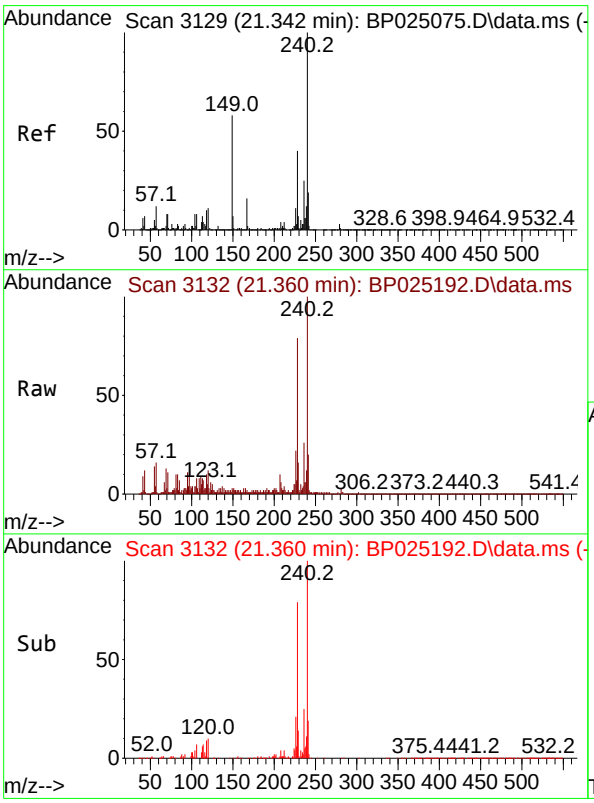
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

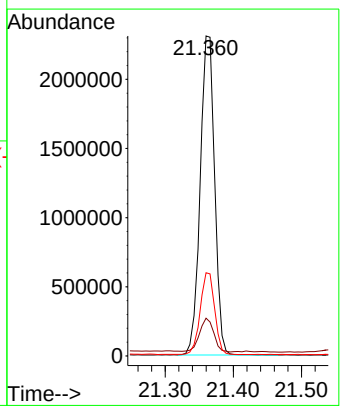


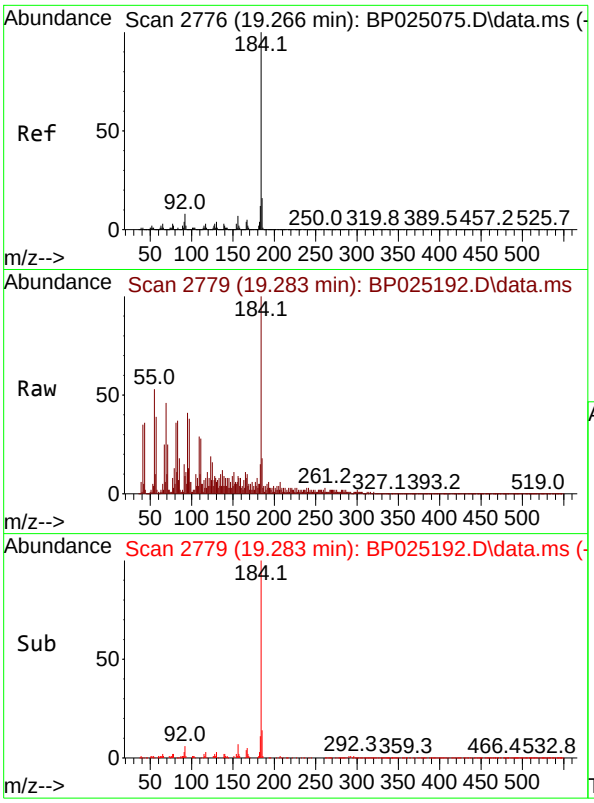


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:240 Resp: 3398852

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	26.0	20.3	30.5

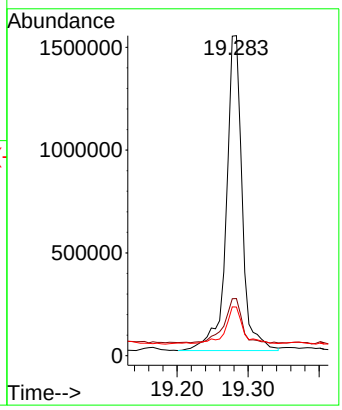




#77
Benzidine
Concen: 39.657 ng
RT: 19.283 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:184 Resp: 238055

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.6	18.8
183	15.2	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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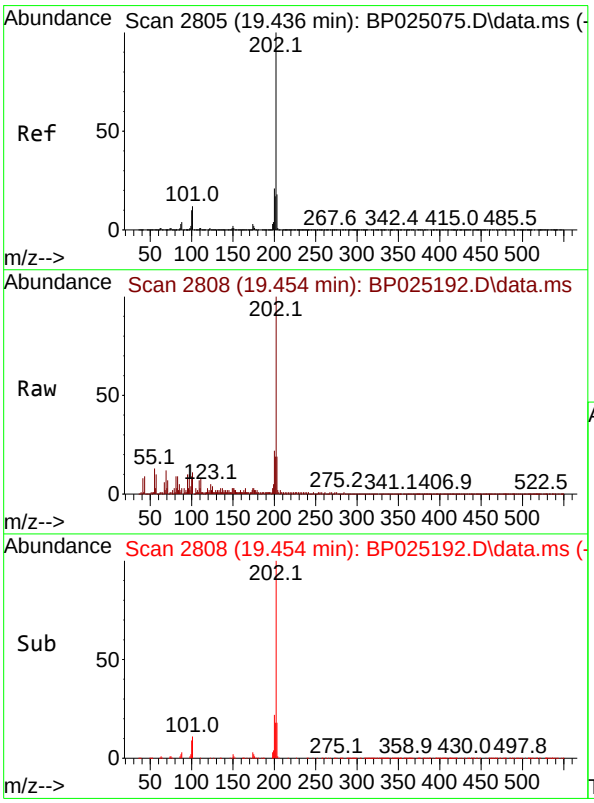
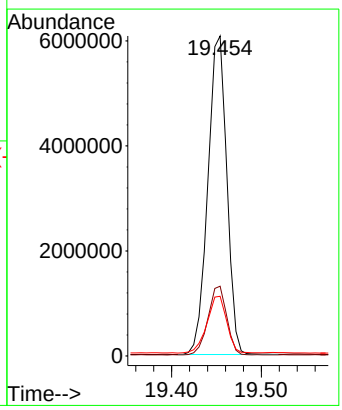
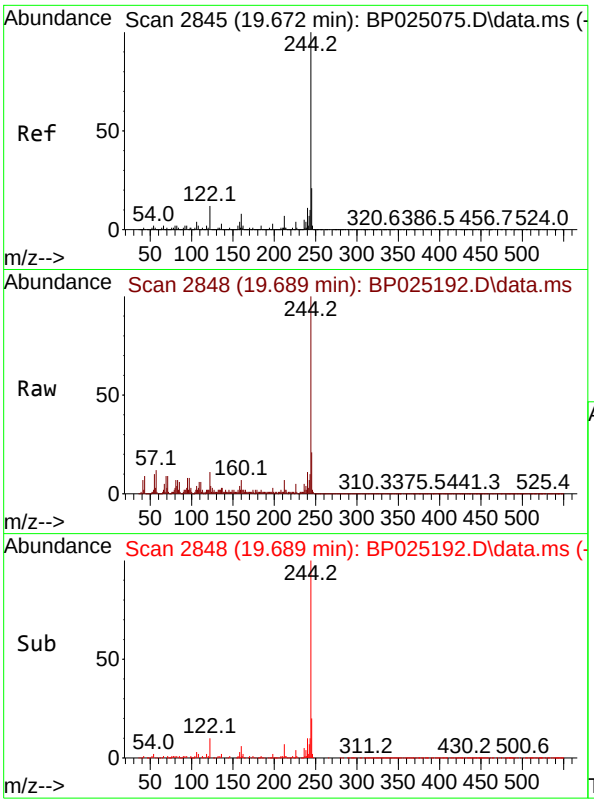


#78
Pyrene
Concen: 42.245 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:202 Resp: 8893288

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	18.7	14.1	21.1

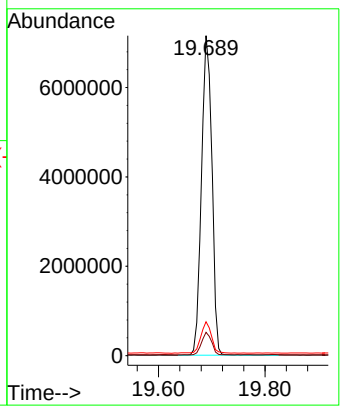




#79
Terphenyl-d14
Concen: 62.676 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:244 Resp: 969269

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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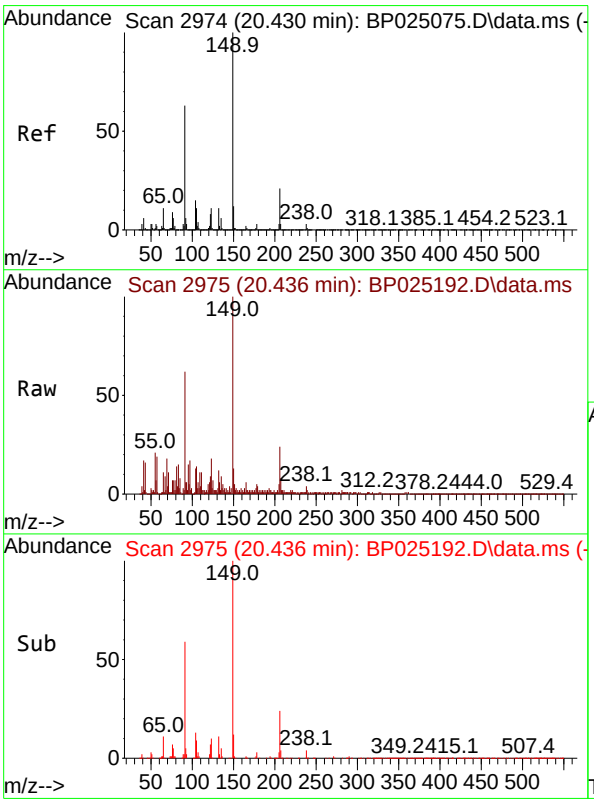
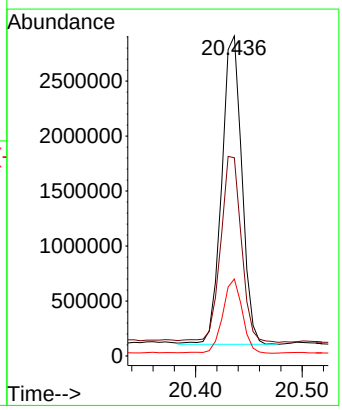
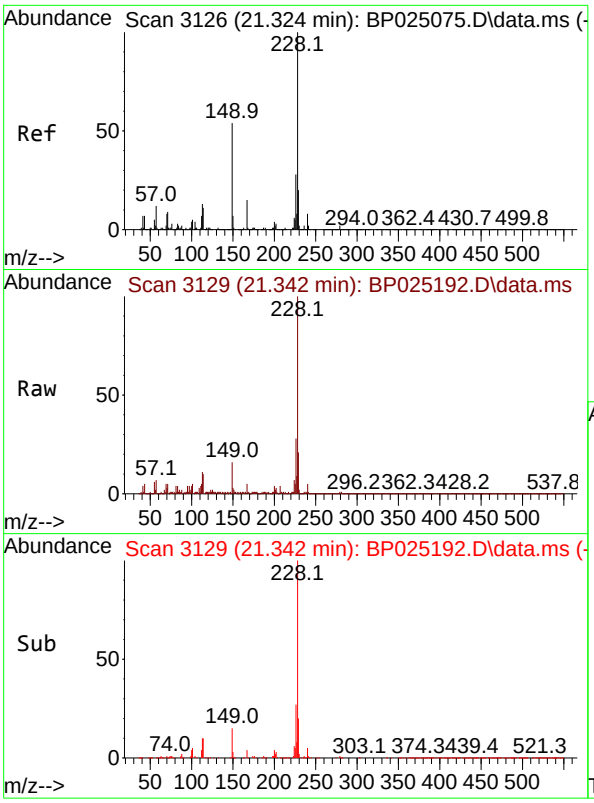


#80
Butylbenzylphthalate
Concen: 45.510 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:149 Resp: 3674497

Ion	Ratio	Lower	Upper
149	100		
91	62.0	50.6	76.0
206	24.0	17.2	25.8





#81
Benzo(a)anthracene
Concen: 45.771 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:228 Resp: 942768

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.9	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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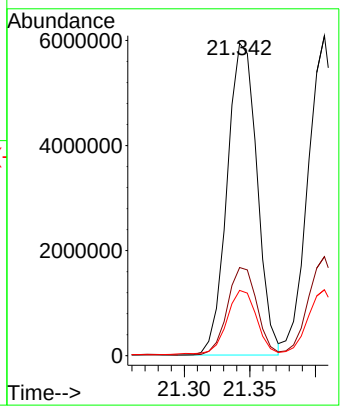
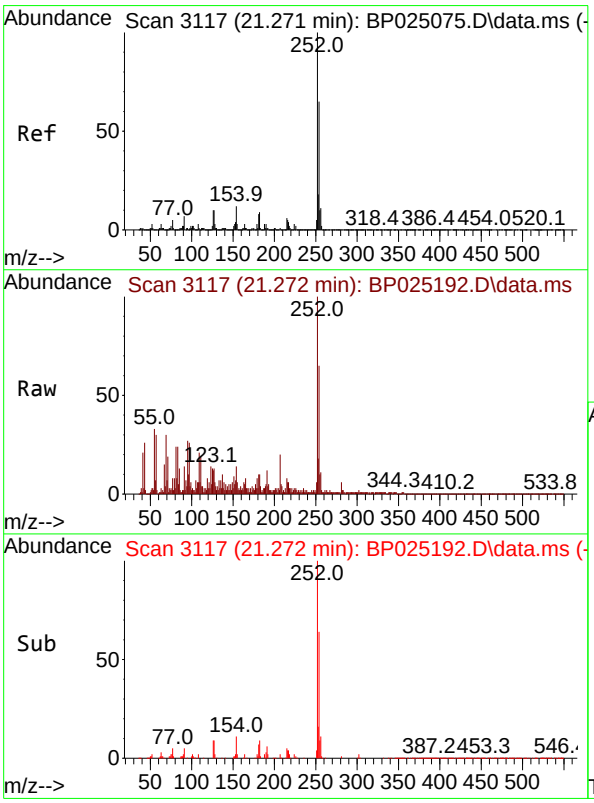
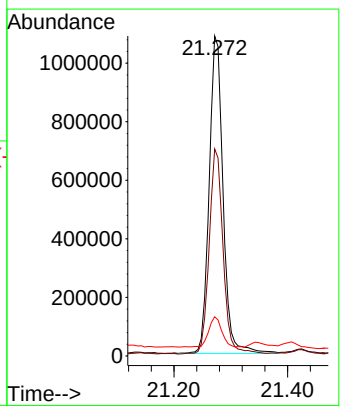


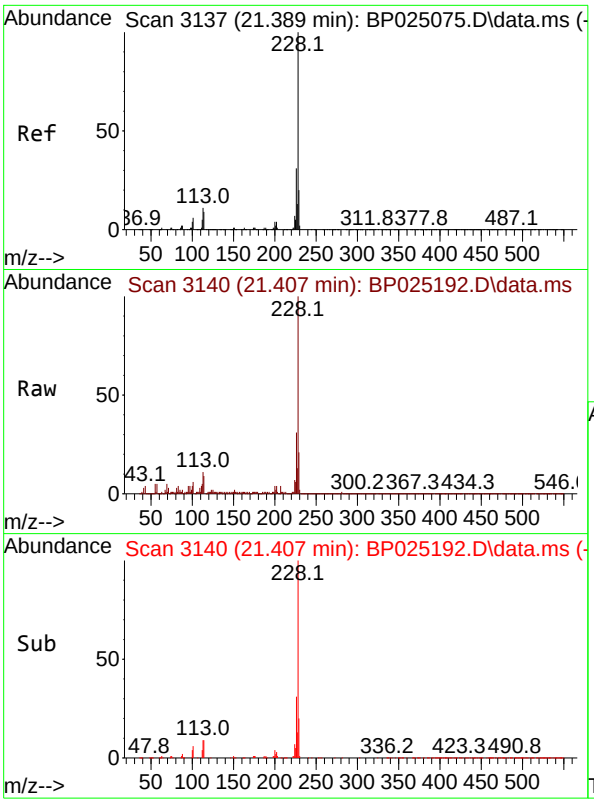


#82
3,3'-Dichlorobenzidine
Concen: 29.639 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:252 Resp: 1837810

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	12.2	8.1	12.1#





#83
Chrysene
Concen: 45.901 ng
RT: 21.407 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Tgt Ion:228 Resp: 909843

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.6	16.0	24.0

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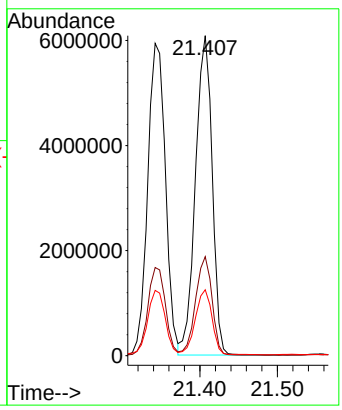
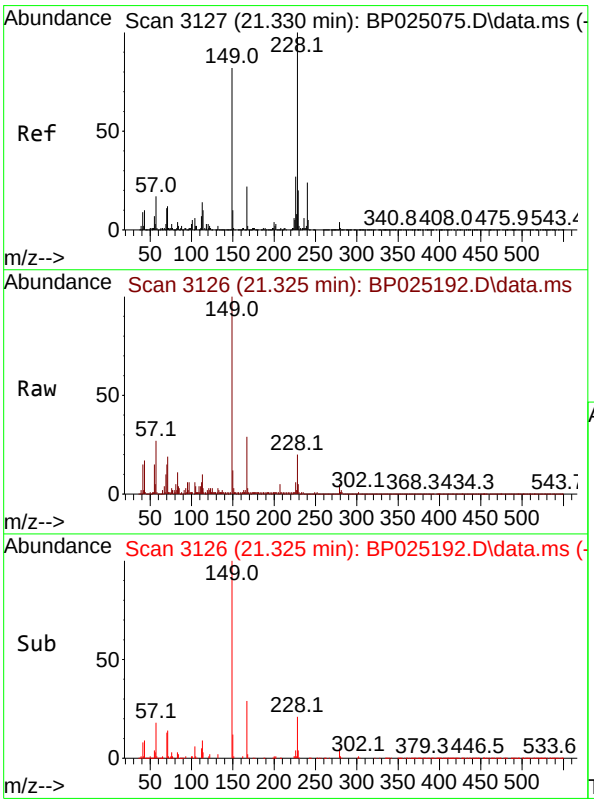
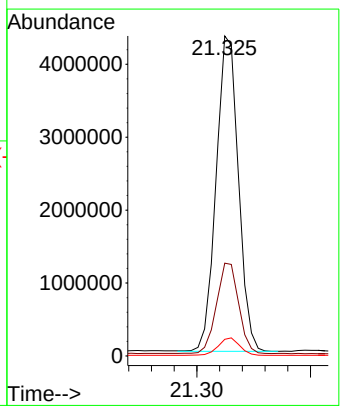


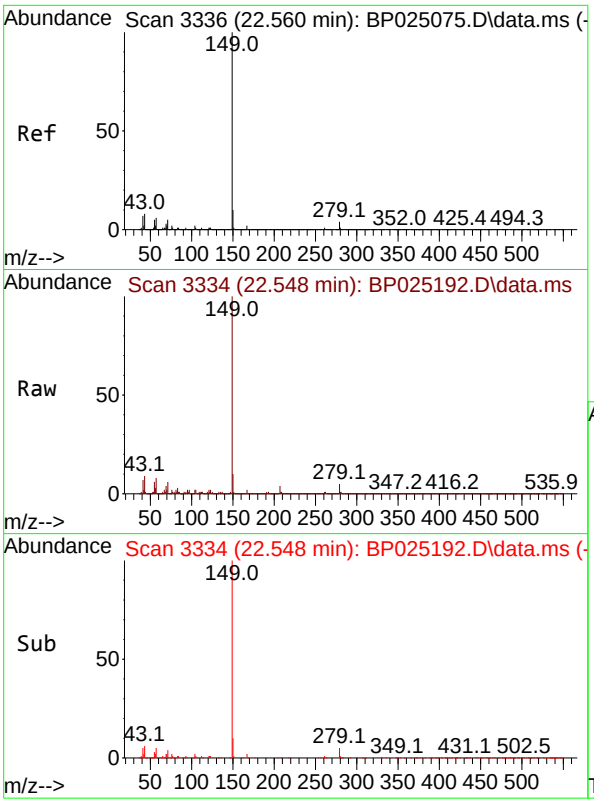


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.333 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:149 Resp: 5892349

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.9	32.9
279	5.2	3.5	5.3

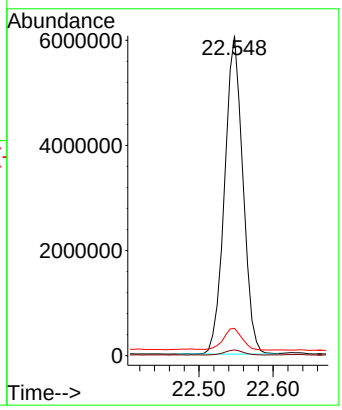




#85
Di-n-octyl phthalate
Concen: 50.755 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:149 Resp:1036336

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.0	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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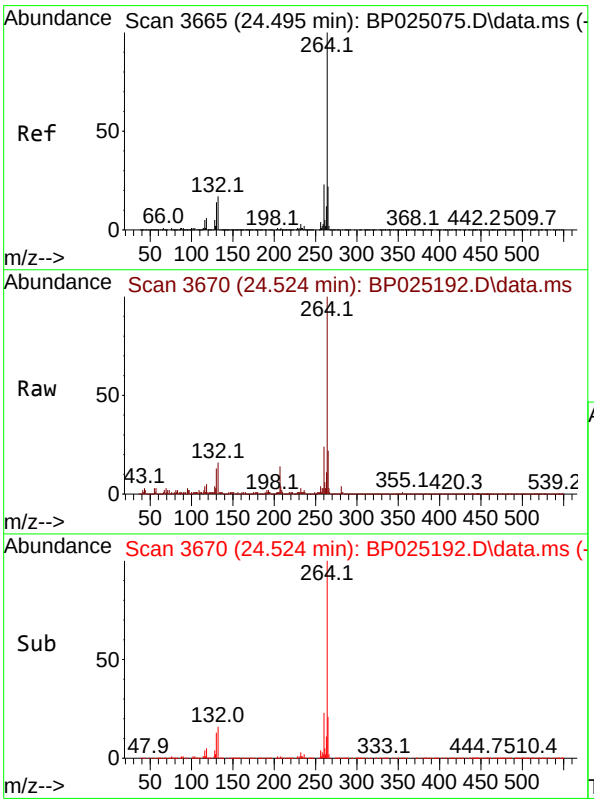
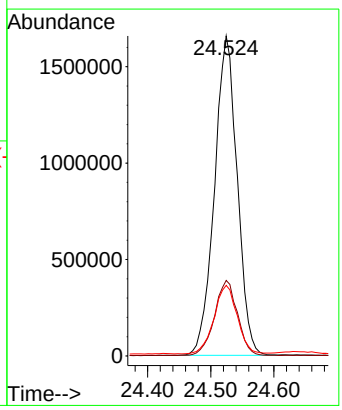
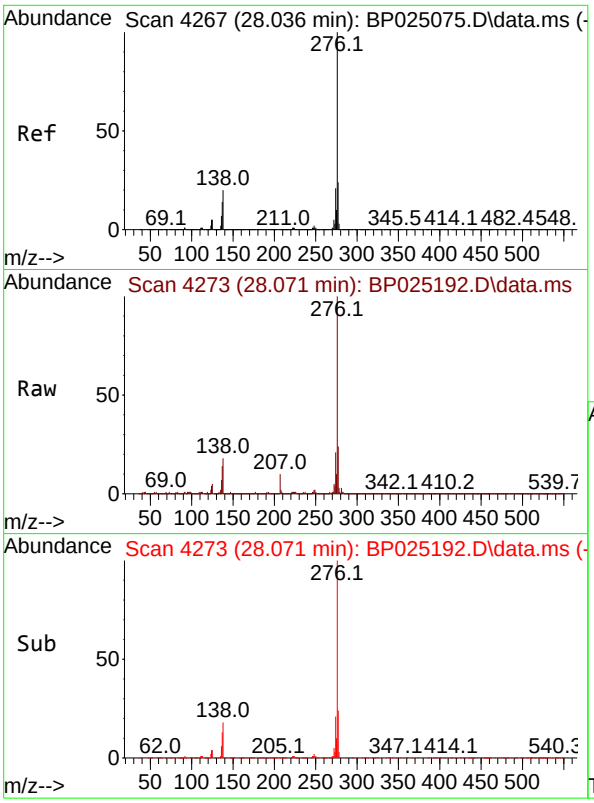


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.524 min Scan# 3670
Delta R.T. 0.030 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:264 Resp: 4139648

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.7	26.5

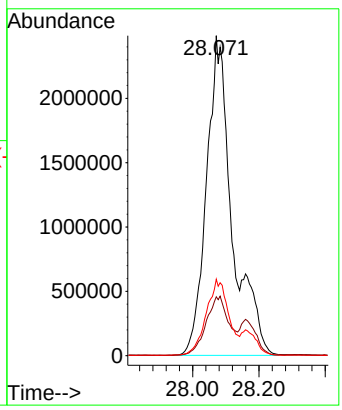




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.742 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:276 Resp:1338163

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.0	19.6
277	20.9	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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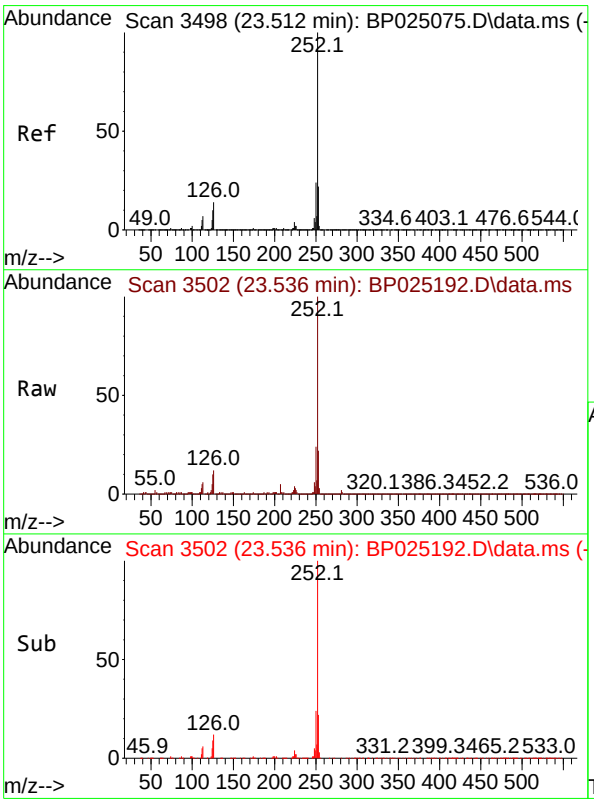
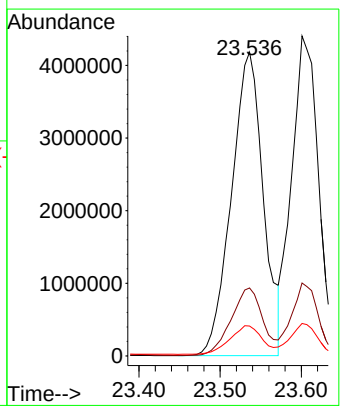
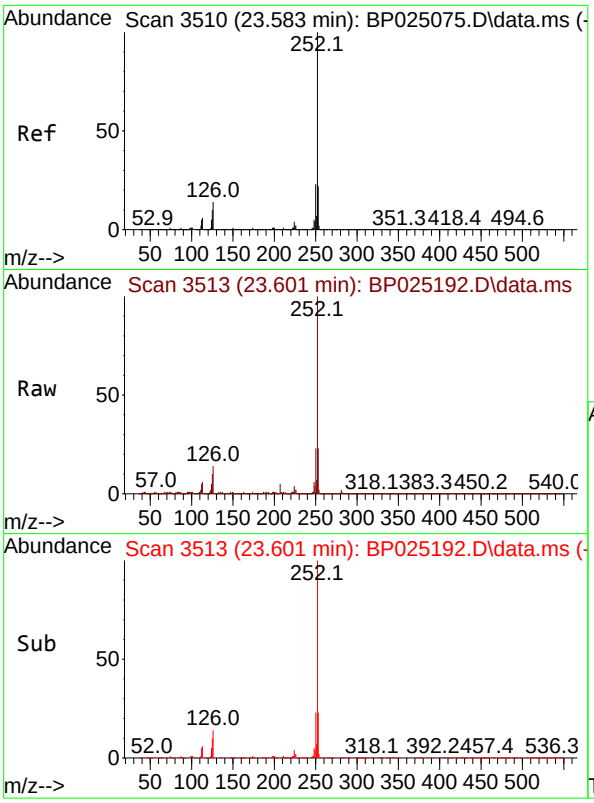


#88
Benzo(b)fluoranthene
Concen: 47.248 ng
RT: 23.536 min Scan# 3502
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:252 Resp:11384396

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.8	8.1	12.1

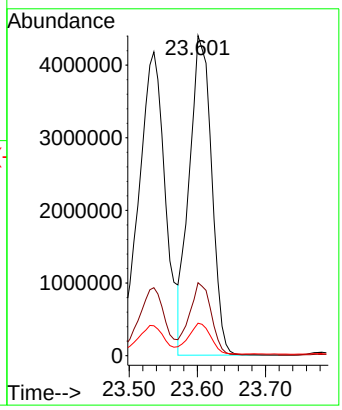




#89
Benzo(k)fluoranthene
Concen: 41.835 ng
RT: 23.601 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:252 Resp:1002961(

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.2	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
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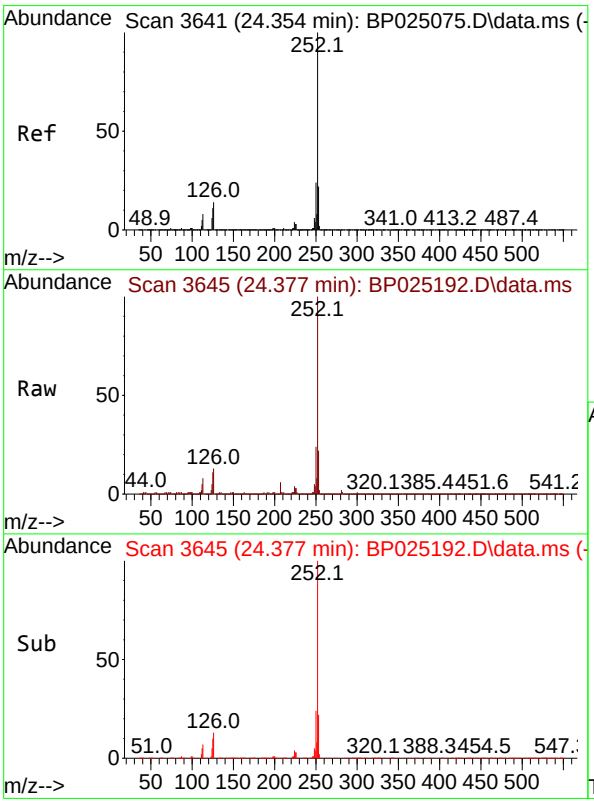
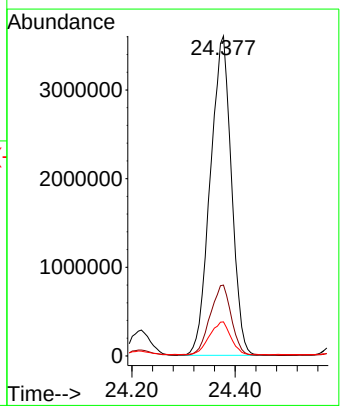
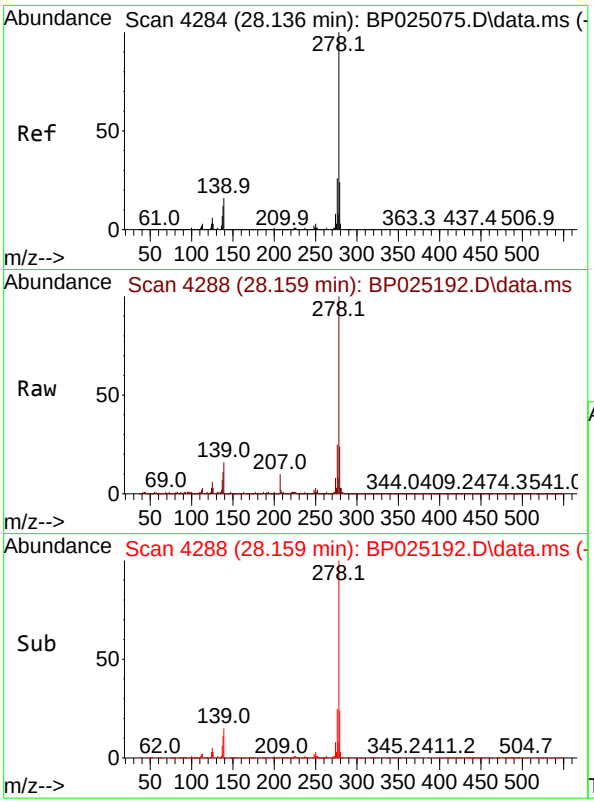


#90
Benzo(a)pyrene
Concen: 49.866 ng
RT: 24.377 min Scan# 3645
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:252 Resp:10226105

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	9.0	13.4

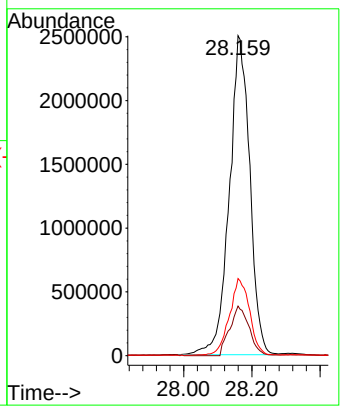




#91
Dibenzo(a,h)anthracene
Concen: 47.796 ng
RT: 28.159 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:278 Resp:1041906

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	24.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

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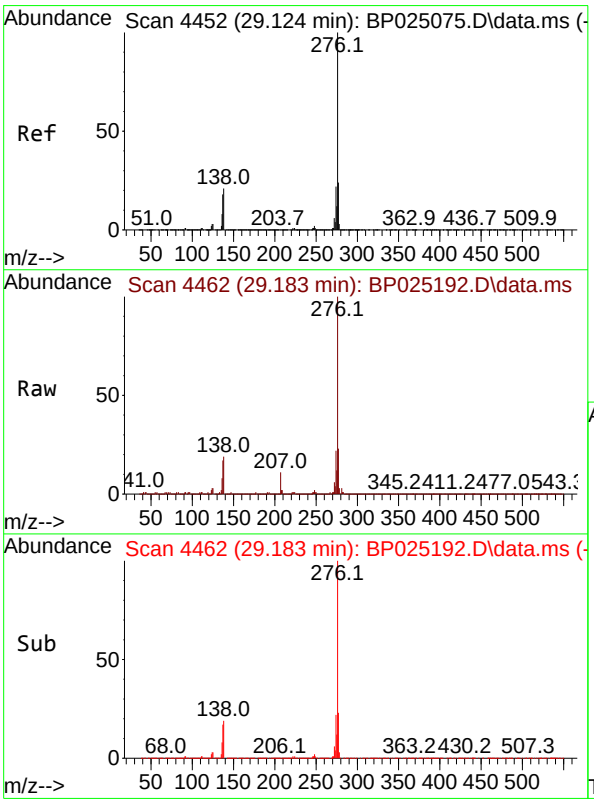
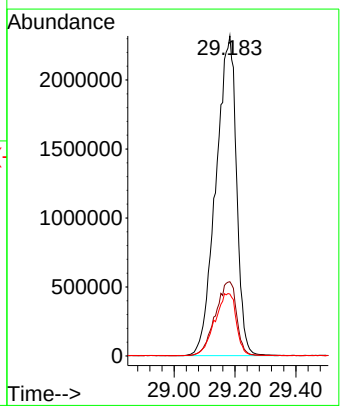


#92
Benzo(g,h,i)perylene
Concen: 48.267 ng
RT: 29.183 min Scan# 4462
Delta R.T. 0.059 min
Lab File: BP025192.D
Acq: 18 Jul 2025 14:33

Tgt Ion:276 Resp:10869264

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.3	28.9
138	19.3	16.9	25.3



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

Manual Integration Report

Sequence:	BF071525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143094.D	Nitrobenzene-d5	Rahul	7/16/2025 11:43:26 AM	Jagrut	7/16/2025 1:40:56 PM	Peak Integrated by Software
SSTDICC010	BF143095.D	Benzoic acid	Rahul	7/16/2025 11:43:28 AM	Jagrut	7/16/2025 1:40:58 PM	Peak Integrated by Software
SSTDICC010	BF143095.D	Nitrobenzene-d5	Rahul	7/16/2025 11:43:28 AM	Jagrut	7/16/2025 1:40:58 PM	Peak Integrated by Software
SSTDICC020	BF143096.D	Benzoic acid	Rahul	7/16/2025 11:43:30 AM	Jagrut	7/16/2025 1:41:01 PM	Peak Integrated by Software
SSTDICC020	BF143096.D	Nitrobenzene-d5	Rahul	7/16/2025 11:43:30 AM	Jagrut	7/16/2025 1:41:01 PM	Peak Integrated by Software
SSTDICC020	BF143096.D	Phenol	Rahul	7/16/2025 11:43:30 AM	Jagrut	7/16/2025 1:41:01 PM	Peak Integrated by Software
SSTDICCC040	BF143097.D	Benzoic acid	Rahul	7/16/2025 11:43:33 AM	Jagrut	7/16/2025 1:41:03 PM	Peak Integrated by Software
SSTDICCC040	BF143097.D	Nitrobenzene-d5	Rahul	7/16/2025 11:43:33 AM	Jagrut	7/16/2025 1:41:03 PM	Peak Integrated by Software
SSTDICCC040	BF143097.D	Phenol	Rahul	7/16/2025 11:43:33 AM	Jagrut	7/16/2025 1:41:03 PM	Peak Integrated by Software
SSTDICC050	BF143098.D	Phenol	Rahul	7/16/2025 11:43:36 AM	Jagrut	7/16/2025 1:41:06 PM	Peak Integrated by Software
SSTDICC060	BF143099.D	Benzoic acid	Rahul	7/16/2025 11:43:39 AM	Jagrut	7/16/2025 1:41:09 PM	Peak Integrated by Software
SSTDICC060	BF143099.D	Phenol	Rahul	7/16/2025 11:43:39 AM	Jagrut	7/16/2025 1:41:09 PM	Peak Integrated by Software
SSTDICC080	BF143100.D	Phenol	Rahul	7/16/2025 11:43:42 AM	Jagrut	7/16/2025 1:41:12 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF071525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BF143101.D	Benzoic acid	Rahul	7/16/2025 11:43:45 AM	Jagrut	7/16/2025 1:41:15 PM	Peak Integrated by Software
SSTDICV040	BF143101.D	Nitrobenzene-d5	Rahul	7/16/2025 11:43:45 AM	Jagrut	7/16/2025 1:41:15 PM	Peak Integrated by Software
SSTDICV040	BF143101.D	Phenol	Rahul	7/16/2025 11:43:45 AM	Jagrut	7/16/2025 1:41:15 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf071625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143115.D	Benzoic acid	Rahul	7/17/2025 10:01:35 AM	Jagrut	7/17/2025 11:19:12 AM	Peak Integrated by Software
PB168854BS	BF143119.D	Caprolactam	Rahul	7/17/2025 10:01:37 AM	Jagrut	7/17/2025 11:19:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025072.D	Acenaphthene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC005	BP025072.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC010	BP025073.D	Acenaphthene	Rahul	7/7/2025 11:35:39 AM	Jagrut	7/7/2025 12:14:23 PM	Peak Integrated by Software
SSTDICC020	BP025074.D	Acenaphthene	Rahul	7/7/2025 11:35:42 AM	Jagrut	7/7/2025 12:14:25 PM	Peak Integrated by Software
SSTDICCC040	BP025075.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:44 AM	Jagrut	7/7/2025 12:14:28 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Pyridine	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Pyridine	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Pyridine	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Acenaphthene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bp071625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025155.D	Indeno(1,2,3-cd)pyrene	Rahul	7/17/2025 11:24:00 AM	Jagrut	7/17/2025 11:29:25 AM	Peak Integrated by Software
Q2592-01	BP025166.D	Chrysene	Rahul	7/17/2025 11:24:21 AM	Jagrut	7/17/2025 11:29:47 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP071825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025187.D	Indeno(1,2,3-cd)pyrene	Rahul	7/21/2025 8:20:24 AM	Jagrut	7/21/2025 9:29:54 AM	Peak Integrated by Software
Q2597-01MS	BP025191.D	Caprolactam	Rahul	7/21/2025 8:20:30 AM	Jagrut	7/21/2025 9:29:58 AM	Peak Integrated by Software
Q2597-01MS	BP025191.D	Indeno(1,2,3-cd)pyrene	Rahul	7/21/2025 8:20:30 AM	Jagrut	7/21/2025 9:29:58 AM	Peak Integrated by Software
Q2597-01MSD	BP025192.D	Caprolactam	Rahul	7/21/2025 8:20:33 AM	Jagrut	7/21/2025 9:30:00 AM	Peak Integrated by Software
Q2597-01MSD	BP025192.D	Indeno(1,2,3-cd)pyrene	Rahul	7/21/2025 8:20:33 AM	Jagrut	7/21/2025 9:30:00 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071525

Review By	Rahul	Review On	7/16/2025 11:47:09 AM				
Supervise By	Jagrut	Supervise On	7/16/2025 1:41:28 PM				
SubDirectory	BF071525	HP Acquire Method	BNA_F		HP Processing Method	Bf071525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143092.D	15 Jul 2025 12:35	RC/JU	Ok
2	SSTDICC2.5	BF143093.D	15 Jul 2025 13:04	RC/JU	Ok
3	SSTDICC005	BF143094.D	15 Jul 2025 13:35	RC/JU	Ok,M
4	SSTDICC010	BF143095.D	15 Jul 2025 14:05	RC/JU	Ok,M
5	SSTDICC020	BF143096.D	15 Jul 2025 14:36	RC/JU	Ok,M
6	SSTDICCC040	BF143097.D	15 Jul 2025 15:05	RC/JU	Ok,M
7	SSTDICC050	BF143098.D	15 Jul 2025 15:35	RC/JU	Ok,M
8	SSTDICC060	BF143099.D	15 Jul 2025 16:05	RC/JU	Ok,M
9	SSTDICC080	BF143100.D	15 Jul 2025 16:35	RC/JU	Ok,M
10	SSTDICV040	BF143101.D	15 Jul 2025 17:27	RC/JU	Ok,M
11	PB168737BL	BF143102.D	15 Jul 2025 17:57	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071625

Review By	Rahul	Review On	7/17/2025 11:19:37 AM				
Supervise By	Jagrut	Supervise On	7/17/2025 11:19:59 AM				
SubDirectory	BF071625	HP Acquire Method	BNA_F		HP Processing Method	Bf071525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143103.D	16 Jul 2025 09:06	RC/JU	Ok
2	SSTDCCC040	BF143104.D	16 Jul 2025 10:04	RC/JU	Ok
3	PB168787BL	BF143105.D	16 Jul 2025 10:34	RC/JU	Ok
4	Q2126-02	BF143106.D	16 Jul 2025 11:03	RC/JU	Ok
5	Q2126-02	BF143107.D	16 Jul 2025 11:37	RC/JU	Ok
6	Q2126-08	BF143108.D	16 Jul 2025 12:07	RC/JU	Ok
7	Q2126-08	BF143109.D	16 Jul 2025 12:36	RC/JU	Ok
8	Q2126-01	BF143110.D	16 Jul 2025 13:05	RC/JU	Ok
9	Q2126-01	BF143111.D	16 Jul 2025 13:35	RC/JU	Ok
10	Q2126-07	BF143112.D	16 Jul 2025 14:05	RC/JU	Ok
11	Q2126-07	BF143113.D	16 Jul 2025 14:35	RC/JU	Ok
12	PB168802BL	BF143114.D	16 Jul 2025 15:13	RC/JU	Ok
13	SSTDCCC040	BF143115.D	16 Jul 2025 15:45	RC/JU	Ok,M
14	DFTPP	BF143116.D	16 Jul 2025 19:09	RC/JU	Ok
15	SSTDCCC040	BF143117.D	16 Jul 2025 19:39	RC/JU	Ok
16	PB168854BL	BF143118.D	16 Jul 2025 20:09	RC/JU	Ok
17	PB168854BS	BF143119.D	16 Jul 2025 20:39	RC/JU	Ok,M
18	PB168847TB	BF143120.D	16 Jul 2025 21:09	RC/JU	Ok
19	Q2592-02	BF143121.D	16 Jul 2025 21:39	RC/JU	Ok
20	Q2592-02MS	BF143122.D	16 Jul 2025 22:09	RC/JU	Ok,M
21	Q2592-02MSD	BF143123.D	16 Jul 2025 22:38	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071625

Review By	Rahul	Review On	7/17/2025 11:19:37 AM				
Supervise By	Jagrut	Supervise On	7/17/2025 11:19:59 AM				
SubDirectory	BF071625	HP Acquire Method	BNA_F		HP Processing Method	Bf071525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2600-02	BF143124.D	16 Jul 2025 23:08	RC/JU	Ok
23	Q2600-06	BF143125.D	16 Jul 2025 23:37	RC/JU	Ok
24	Q2600-10	BF143126.D	17 Jul 2025 00:07	RC/JU	Ok,M
25	Q2614-06	BF143127.D	17 Jul 2025 00:37	RC/JU	Ok
26	Q2605-03	BF143128.D	17 Jul 2025 01:05	RC/JU	Ok
27	Q2605-04	BF143129.D	17 Jul 2025 01:35	RC/JU	Ok
28	Q2571-05	BF143130.D	17 Jul 2025 02:04	RC/JU	Ok
29	Q2571-05MS	BF143131.D	17 Jul 2025 02:34	RC/JU	Ok
30	Q2571-05MSD	BF143132.D	17 Jul 2025 03:03	RC/JU	Ok
31	Q2555-01	BF143133.D	17 Jul 2025 03:32	RC/JU	Ok,M
32	Q2558-01	BF143134.D	17 Jul 2025 04:02	RC/JU	Ok,M
33	Q2555-03	BF143135.D	17 Jul 2025 04:31	RC/JU	Ok,M
34	Q2558-03	BF143136.D	17 Jul 2025 05:00	RC/JU	Ok,M
35	SSTDCCC040	BF143137.D	17 Jul 2025 05:30	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025070.D	03 Jul 2025 08:58	CG/JU	Ok
2	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39	CG/JU	Ok
3	SSTDICC005	BP025072.D	03 Jul 2025 10:21	CG/JU	Ok,M
4	SSTDICC010	BP025073.D	03 Jul 2025 11:02	CG/JU	Ok,M
5	SSTDICC020	BP025074.D	03 Jul 2025 11:44	CG/JU	Ok,M
6	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	CG/JU	Ok,M
7	SSTDICC050	BP025076.D	03 Jul 2025 13:07	CG/JU	Ok,M
8	SSTDICC060	BP025077.D	03 Jul 2025 13:49	CG/JU	Ok,M
9	SSTDICC080	BP025078.D	03 Jul 2025 14:31	CG/JU	Ok,M
10	SSTDICV040	BP025079.D	03 Jul 2025 16:18	CG/JU	Ok,M
11	PB168694BL	BP025080.D	03 Jul 2025 16:59	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071625

Review By	Rahul	Review On	7/17/2025 11:25:01 AM		
Supervise By	Jagrut	Supervise On	7/17/2025 11:34:34 AM		
SubDirectory	BP071625	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025154.D	16 Jul 2025 11:19	CG/JU	Ok
2	SSTDCCC040	BP025155.D	16 Jul 2025 12:42	CG/JU	Ok,M
3	PB168832BL	BP025156.D	16 Jul 2025 13:23	CG/JU	Ok
4	PB168832BS	BP025157.D	16 Jul 2025 14:05	CG/JU	Ok,M
5	Q2586-01	BP025158.D	16 Jul 2025 14:49	CG/JU	Ok
6	Q2586-01MS	BP025159.D	16 Jul 2025 15:31	CG/JU	Ok,M
7	Q2586-01MSD	BP025160.D	16 Jul 2025 16:12	CG/JU	Ok,M
8	Q2600-05	BP025161.D	16 Jul 2025 16:54	CG/JU	Ok
9	Q2529-02	BP025162.D	16 Jul 2025 17:36	CG/JU	Ok,M
10	Q2600-01	BP025163.D	16 Jul 2025 18:17	CG/JU	Ok,M
11	Q2600-09	BP025164.D	16 Jul 2025 18:59	CG/JU	Ok,M
12	Q2598-01	BP025165.D	16 Jul 2025 19:40	CG/JU	Dilution
13	Q2592-01	BP025166.D	16 Jul 2025 20:22	CG/JU	Ok,M
14	Q2589-01	BP025167.D	16 Jul 2025 21:04	CG/JU	Ok
15	Q2565-04	BP025168.D	16 Jul 2025 21:45	CG/JU	Ok
16	Q2611-01	BP025169.D	16 Jul 2025 22:26	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071825

Review By	Rahul	Review On	7/21/2025 8:38:03 AM		
Supervise By	Jagrut	Supervise On	7/21/2025 9:30:13 AM		
SubDirectory	BP071825	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025186.D	18 Jul 2025 09:41	CG/JU	Ok
2	SSTDCCC040	BP025187.D	18 Jul 2025 11:04	CG/JU	Ok,M
3	PB168899BL	BP025188.D	18 Jul 2025 11:45	CG/JU	Ok
4	PB168899BS	BP025189.D	18 Jul 2025 12:27	CG/JU	Ok
5	Q2614-01	BP025190.D	18 Jul 2025 13:11	CG/JU	Ok,M
6	Q2597-01MS	BP025191.D	18 Jul 2025 13:52	CG/JU	Ok,M
7	Q2597-01MSD	BP025192.D	18 Jul 2025 14:33	CG/JU	Ok,M
8	Q2621-01	BP025193.D	18 Jul 2025 15:14	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071525

Review By	Rahul	Review On	7/16/2025 11:47:09 AM		
Supervise By	Jagrut	Supervise On	7/16/2025 1:41:28 PM		
SubDirectory	BF071525	HP Acquire Method	BNA_F	HP Processing Method	Bf071525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143092.D	15 Jul 2025 12:35		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143093.D	15 Jul 2025 13:04		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143094.D	15 Jul 2025 13:35		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143095.D	15 Jul 2025 14:05		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143096.D	15 Jul 2025 14:36	Compound#26,32,48,51,57,80,84,85 Kept on LR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143097.D	15 Jul 2025 15:05	Compound#54,65 Kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143098.D	15 Jul 2025 15:35		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143099.D	15 Jul 2025 16:05		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143100.D	15 Jul 2025 16:35		RC/JU	Ok,M
10	SSTDICV040	ICVBF071525	BF143101.D	15 Jul 2025 17:27		RC/JU	Ok,M
11	PB168737BL	PB168737BL	BF143102.D	15 Jul 2025 17:57		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071625

Review By	Rahul	Review On	7/17/2025 11:19:37 AM		
Supervise By	Jagrut	Supervise On	7/17/2025 11:19:59 AM		
SubDirectory	BF071625	HP Acquire Method	BNA_F	HP Processing Method	Bf071525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143103.D	16 Jul 2025 09:06		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143104.D	16 Jul 2025 10:04		RC/JU	Ok
3	PB168787BL	PB168787BL	BF143105.D	16 Jul 2025 10:34		RC/JU	Ok
4	Q2126-02	LOQ-SOIL-02-QT2-202	BF143106.D	16 Jul 2025 11:03	LOQ-SOIL-5 PPM	RC/JU	Ok
5	Q2126-02	LOQ-SOIL-02-QT2-202	BF143107.D	16 Jul 2025 11:37	LOQ-SOIL-10 PPM	RC/JU	Ok
6	Q2126-08	LOQ-WATER-02-QT2-2	BF143108.D	16 Jul 2025 12:07	LOQ-WATER-5 PPM	RC/JU	Ok
7	Q2126-08	LOQ-WATER-02-QT2-2	BF143109.D	16 Jul 2025 12:36	LOQ-WATER-10 PPM	RC/JU	Ok
8	Q2126-01	LOD-MDL-SOIL-03-QT	BF143110.D	16 Jul 2025 13:05	LOD-MDL-SOIL-4 PPM	RC/JU	Ok
9	Q2126-01	LOD-MDL-SOIL-03-QT	BF143111.D	16 Jul 2025 13:35	LOD-MDL-SOIL-8 PPM	RC/JU	Ok
10	Q2126-07	LOD-MDL-WATER-01-(	BF143112.D	16 Jul 2025 14:05	LOD-MDL-WATER-4 PPM	RC/JU	Ok
11	Q2126-07	LOD-MDL-WATER-01-(	BF143113.D	16 Jul 2025 14:35	LOD-MDL-WATER-8 PPM	RC/JU	Ok
12	PB168802BL	PB168802BL	BF143114.D	16 Jul 2025 15:13		RC/JU	Ok
13	SSTDCCC040	SSTDCCC040EC	BF143115.D	16 Jul 2025 15:45		RC/JU	Ok,M
14	DFTPP	DFTPP	BF143116.D	16 Jul 2025 19:09		RC/JU	Ok
15	SSTDCCC040	SSTDCCC040	BF143117.D	16 Jul 2025 19:39		RC/JU	Ok
16	PB168854BL	PB168854BL	BF143118.D	16 Jul 2025 20:09		RC/JU	Ok
17	PB168854BS	PB168854BS	BF143119.D	16 Jul 2025 20:39		RC/JU	Ok,M
18	PB168847TB	PB168847TB	BF143120.D	16 Jul 2025 21:09		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071625

Review By	Rahul	Review On	7/17/2025 11:19:37 AM		
Supervise By	Jagrut	Supervise On	7/17/2025 11:19:59 AM		
SubDirectory	BF071625	HP Acquire Method	BNA_F	HP Processing Method	Bf071525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2592-02	WC-SOIL-20250711	BF143121.D	16 Jul 2025 21:39		RC/JU	Ok
20	Q2592-02MS	WC-SOIL-20250711MS	BF143122.D	16 Jul 2025 22:09		RC/JU	Ok,M
21	Q2592-02MSD	WC-SOIL-20250711MS	BF143123.D	16 Jul 2025 22:38		RC/JU	Ok,M
22	Q2600-02	TRENCH	BF143124.D	16 Jul 2025 23:08		RC/JU	Ok
23	Q2600-06	STOCK-PILE	BF143125.D	16 Jul 2025 23:37		RC/JU	Ok
24	Q2600-10	END-OF-TRENCH	BF143126.D	17 Jul 2025 00:07		RC/JU	Ok,M
25	Q2614-06	HR-MCN-COMP-01	BF143127.D	17 Jul 2025 00:37		RC/JU	Ok
26	Q2605-03	VB15061	BF143128.D	17 Jul 2025 01:05		RC/JU	Ok
27	Q2605-04	V897	BF143129.D	17 Jul 2025 01:35		RC/JU	Ok
28	Q2571-05	TP-17	BF143130.D	17 Jul 2025 02:04		RC/JU	Ok
29	Q2571-05MS	TP-17MS	BF143131.D	17 Jul 2025 02:34		RC/JU	Ok
30	Q2571-05MSD	TP-17MSD	BF143132.D	17 Jul 2025 03:03		RC/JU	Ok
31	Q2555-01	OU4-TS-29-070925	BF143133.D	17 Jul 2025 03:32		RC/JU	Ok,M
32	Q2558-01	OU4-TS-Denali-070925	BF143134.D	17 Jul 2025 04:02		RC/JU	Ok,M
33	Q2555-03	OU4-TS-30-070925	BF143135.D	17 Jul 2025 04:31		RC/JU	Ok,M
34	Q2558-03	OU4-TS-Grillo-OG-070	BF143136.D	17 Jul 2025 05:00		RC/JU	Ok,M
35	SSTDCCC040	SSTDCCC040EC	BF143137.D	17 Jul 2025 05:30		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 # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025070.D	03 Jul 2025 08:58		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025072.D	03 Jul 2025 10:21		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025073.D	03 Jul 2025 11:02		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025074.D	03 Jul 2025 11:44		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	compound #77 failed in the calibration.	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025076.D	03 Jul 2025 13:07	Compound#26,32,48,54,57,65,8 0,85 Kept on LR	CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025077.D	03 Jul 2025 13:49		CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP025078.D	03 Jul 2025 14:31	Compound#09 removed from 80 ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP070325	BP025079.D	03 Jul 2025 16:18		CG/JU	Ok,M
11	PB168694BL	PB168694BL	BP025080.D	03 Jul 2025 16:59	Analyzed for contamination check	CG/JU	Not 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 # BP071625

Review By	Rahul	Review On	7/17/2025 11:25:01 AM		
Supervise By	Jagrut	Supervise On	7/17/2025 11:34:34 AM		
SubDirectory	BP071625	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025154.D	16 Jul 2025 11:19		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025155.D	16 Jul 2025 12:42		CG/JU	Ok,M
3	PB168832BL	PB168832BL	BP025156.D	16 Jul 2025 13:23		CG/JU	Ok
4	PB168832BS	PB168832BS	BP025157.D	16 Jul 2025 14:05		CG/JU	Ok,M
5	Q2586-01	TP-16	BP025158.D	16 Jul 2025 14:49		CG/JU	Ok
6	Q2586-01MS	TP-16MS	BP025159.D	16 Jul 2025 15:31		CG/JU	Ok,M
7	Q2586-01MSD	TP-16MSD	BP025160.D	16 Jul 2025 16:12		CG/JU	Ok,M
8	Q2600-05	STOCK-PILE	BP025161.D	16 Jul 2025 16:54		CG/JU	Ok
9	Q2529-02	TP-80	BP025162.D	16 Jul 2025 17:36		CG/JU	Ok,M
10	Q2600-01	TRENCH	BP025163.D	16 Jul 2025 18:17		CG/JU	Ok,M
11	Q2600-09	END-OF-TRENCH	BP025164.D	16 Jul 2025 18:59		CG/JU	Ok,M
12	Q2598-01	OK-01-071425	BP025165.D	16 Jul 2025 19:40	Need 5X Dilution	CG/JU	Dilution
13	Q2592-01	WC-SOIL-20250711	BP025166.D	16 Jul 2025 20:22		CG/JU	Ok,M
14	Q2589-01	AU-06-071125	BP025167.D	16 Jul 2025 21:04		CG/JU	Ok
15	Q2565-04	MOO-25-0196	BP025168.D	16 Jul 2025 21:45		CG/JU	Ok
16	Q2611-01	EO-02-071525	BP025169.D	16 Jul 2025 22:26		CG/JU	Ok,M

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 # BP071825

Review By	Rahul	Review On	7/21/2025 8:38:03 AM		
Supervise By	Jagrut	Supervise On	7/21/2025 9:30:13 AM		
SubDirectory	BP071825	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025186.D	18 Jul 2025 09:41		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025187.D	18 Jul 2025 11:04		CG/JU	Ok,M
3	PB168899BL	PB168899BL	BP025188.D	18 Jul 2025 11:45		CG/JU	Ok
4	PB168899BS	PB168899BS	BP025189.D	18 Jul 2025 12:27		CG/JU	Ok
5	Q2614-01	HR-MCN-COMP-01	BP025190.D	18 Jul 2025 13:11		CG/JU	Ok,M
6	Q2597-01MS	CHRT-26899MS	BP025191.D	18 Jul 2025 13:52		CG/JU	Ok,M
7	Q2597-01MSD	CHRT-26899MSD	BP025192.D	18 Jul 2025 14:33		CG/JU	Ok,M
8	Q2621-01	TR-05-07162025	BP025193.D	18 Jul 2025 15:14		CG/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/16/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/16/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136481

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
Q2592-01	WC-SOIL-20250711	1	1.15	10.84	11.99	9.46	76.7	
Q2605-01	V908	2	1.13	10.70	11.83	11.13	93.5	
Q2605-02	VB16135	3	1.14	10.66	11.8	11.09	93.3	
Q2605-03	VB15061	4	1.18	10.55	11.73	10.99	93.0	
Q2605-04	V897	5	1.17	10.79	11.96	11.76	98.1	
Q2607-01	VNJ-257-1	6	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2607-02	VNJ-257-2	7	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2607-03	ETGI-359-1	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2607-04	ETGI-359-2	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2608-04	60271	10	1.14	10.65	11.79	9.61	79.5	
Q2609-01	710-ABC	11	1.18	10.37	11.55	11.5	99.5	
Q2609-03	710-C	12	1.13	10.29	11.42	11.37	99.5	
Q2609-05	709-AB	13	1.16	10.26	11.42	11.39	99.7	
Q2609-07	709-A	14	1.14	10.28	11.42	11.4	99.8	
Q2610-01	2010	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2610-02	2011	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2610-03	2012	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2610-04	2013	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2610-05	2014	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2611-01	EO-02-071525	20	1.16	10.17	11.33	10.83	95.1	
Q2611-02	EO-02-071525-E2	21	1.14	10.39	11.53	10.68	91.8	
Q2612-01	OR-02-071525	22	1.18	10.49	11.67	10.1	85.0	
Q2612-02	OR-02-071525-E2	23	1.12	10.61	11.73	9.89	82.7	
Q2614-01	HR-MCN-COMP-01	24	1.15	10.70	11.85	9.61	79.1	
Q2614-02	HR-MCN-VOC-01	25	1.15	10.29	11.44	9.14	77.6	
Q2614-03	HR-MCN-01	26	1.11	10.71	11.82	9.35	76.9	
Q2614-04	HR-MCN-02	27	1.19	10.40	11.59	8.94	74.5	
Q2614-05	HR-MCN-03	28	1.14	10.58	11.72	9.89	82.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/16/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/16/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136481

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

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136481

WorkList Name : %1-071525 **WorkList ID :** 190721 **Department :** Wet-Chemistry **Date :** 07-15-2025 08:40:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2592-01	WC-SOIL-20250711	Solid	Percent Solids	Cool 4 deg C	PARS02	D51	07/11/2025	Chemtech -SO
Q2605-01	V908	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2605-02	VB16135	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2605-03	VB15061	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2605-04	V897	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2607-01	VNJ-257-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2607-02	VNJ-257-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2607-03	ETGI-359-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2607-04	ETGI-359-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2608-04	60271	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2609-01	710-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2609-03	710-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2609-05	709-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2609-07	709-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2610-01	2010	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2610-02	2011	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2610-03	2012	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2610-04	2013	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2610-05	2014	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2611-01	EO-02-071525	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2611-02	EO-02-071525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/15/2025	Chemtech -SO

Date/Time 07.15.25 15:15

Raw Sample Received by: JR WC

Raw Sample Relinquished by: SM

Date/Time 07-15-25 17:30

Raw Sample Received by: SM

Raw Sample Relinquished by: JR WC

WORKLIST(Hardcopy Internal Chain)

VB 136481

WorkList Name : %1-071525 **WorkList ID :** 190721 **Department :** Wet-Chemistry **Date :** 07-15-2025 08:40:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2612-01	OR-02-071525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/15/2025	Chemtech -SO
Q2612-02	OR-02-071525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/15/2025	Chemtech -SO
Q2614-01	HR-MCN-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2614-02	HR-MCN-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2614-03	HR-MCN-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2614-04	HR-MCN-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO
Q2614-05	HR-MCN-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/15/2025	Chemtech -SO

Date/Time 07.15.25 15:15

Raw Sample Received by: SH WDC

Raw Sample Relinquished by: SM

Date/Time 07.15.25 17:30

Raw Sample Received by: SM

Raw Sample Relinquished by: SH WDC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168854

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/15/2025
Matrix :	Solid			**Extraction Start Time :**	09:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/15/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/15/25	RS (Ext lab)	RC/SVOC
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168854

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 07/15/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168854BL	SBLK854	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			U2-1
PB168854BS	SLCS854	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			2
Q2592-01	WC-SOIL-20250711	SVOCMS Group1	30.07	N/A	ritesh	Evelyn	1	E		3
Q2595-01	CHRT-24849	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	D	Gel Mat.	4
Q2597-01	CHRT-26899	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	D		5
Q2597-01MS	CHRT-26899MS	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	D		6
Q2597-01MSD	CHRT-26899MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	D		U3-1
Q2598-01	OK-01-071425	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		2
Q2600-01	TRENCH	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	D		3
Q2600-05	STOCK-PILE	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	D		4
Q2600-09	END-OF-TRENCH	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	D		5

RS 7/15

* **Extracts relinguished on the same date as received.**

168654
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2592 **WorkList ID :** 190724 **Department :** Extraction **Date :** 07-15-2025 08:50:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2592-01	WC-SOIL-20250711	Solid	SVOCMS Group1	Cool 4 deg C	PARS02	D51	07/11/2025	8270E
Q2595-01	CHRT-24849	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/14/2025	8270E
Q2597-01	CHRT-26899	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	07/14/2025	8270E
Q2598-01	OK-01-071425	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	07/14/2025	8270E
Q2600-01	TRENCH	Solid	SVOC-TCL BNA -20	Cool 4 deg C	TACO01	D41	07/14/2025	8270E
Q2600-05	STOCK-PILE	Solid	SVOC-TCL BNA -20	Cool 4 deg C	TACO01	D41	07/14/2025	8270E
Q2600-09	END-OF-TRENCH	Solid	SVOC-TCL BNA -20	Cool 4 deg C	TACO01	D41	07/14/2025	8270E

Date/Time 07/15/25 9:00
Raw Sample Received by: RJ (CET-1446)
Raw Sample Relinquished by: [signature]

Date/Time 07/15/25 9:15
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (CET-1446)

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Prep Standard - Chemical Standard Summary

Order ID : Q2592

Test : SVOCMS Group1

Prepbatch ID : PB168854,

Sequence ID/Qc Batch ID: BF071625,BP071625,BP071825,

Standard ID :
EP2612,EP2624,SP6757,SP6769,SP6770,SP6832,SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840,SP6849,SP6852,

Chemical ID :
10ul/1000ul sample,E3551,E3904,E3926,E3930,E3932,E3942,E3946,E3951,E3954,S10105,S11484,S11496,S11651,S11788,S11801,S11802,S11805,S11806,S11807,S12115,S12195,S12196,S12197,S12198,S12216,S12217,S12218,S12219,S12220,S12272,S12277,S12278,S12486,S12499,S12500,S12501,S12502,S12503,S12504,S12505,S12506,S12507,S12534,S12545,S12546,S12547,S12548,S12549,S12550,S12551,S12552,S12577,S12658,S12670,S12673,S12674,S12974,S12987,S12988,S12989,S12990,S12991,S12992,S13057,S13078,S13088,S13089,S13148,S13158,S13159,S13206,S13208,S13209,S13210,S13211,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2612	05/09/2025	11/05/2025	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 05/09/2025

FROM 8000.00000ml of E3930 + 8000.00000ml of E3932 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2624	06/26/2025	12/04/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 06/26/2025

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
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4178	8270/625.1 Stock Solution-2 100 ng	SP6832	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.20000ml of S13211 + 0.26700ml of S10105 + 0.40000ml of S11496 + 0.40000ml of S12278 + 0.50000ml of S12115 + 0.50000ml of S13209 + 0.50000ml of S13210 + 0.60000ml of S12277 + 1.00000ml of S12272 + 1.00000ml of S13057 + 1.00000ml of S13078 + 1.00000ml of S13208 + 2.63300ml of E3942 = Final Quantity: 10.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4179	80 ng BNA ICC	SP6833	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.20000ml of E3942 + 0.80000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4180	60 ng BNA ICC	SP6834	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.40000ml of E3942 + 0.60000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4181	50 ng BNA ICC	SP6835	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4182	40 ng BNA ICC	SP6836	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.60000ml of E3942 + 0.40000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4183	20 ng BNA ICC	SP6837	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.80000ml of E3942 + 0.20000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4184	10 ng BNA ICC	SP6838	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.90000ml of E3942 + 0.10000ml of SP6832 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4185	5 ng BNA ICC	SP6839	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.95000ml of E3942 + 0.05000ml of SP6832 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4186	2.5 ng BNA ICC	SP6840	06/19/2025	10/28/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/21/2025

FROM 0.01000ml of S12670 + 0.50000ml of E3942 + 0.50000ml of SP6839 = Final Quantity: 1.010 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6849	07/01/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 07/01/2025

FROM 0.10000ml of S12507 + 0.10000ml of S13159 + 0.30000ml of S13158 + 0.40000ml of S11484 + 0.40000ml of S11651 + 0.40000ml of S11806 + 0.40000ml of S11807 + 0.40000ml of S13148 + 0.40000ml of S13206 + 0.60000ml of S13089 + 0.80000ml of S12499 + 0.90000ml of S12552 + 1.20000ml of S12504 + 1.20000ml of S12506 + 1.20000ml of S12546 + 1.30000ml of S11802 + 1.30000ml of S12501 + 1.30000ml of S12503 + 1.30000ml of S12505 + 1.30000ml of S12545 + 1.30000ml of S12547 + 1.30000ml of S12549 + 1.30000ml of S12550 + 1.30000ml of S12551 + 1.30000ml of S12988 + 1.30000ml of S12989 + 1.30000ml of S12990 + 1.30000ml of S12992 + 1.40000ml of S11805 + 1.40000ml of S12500 + 1.40000ml of S12502 + 1.40000ml of S12548 + 1.40000ml of S12987 + 1.40000ml of S12991 + 1.40000ml of S13088 + 1.50000ml of S11801 + 163.00000ml of E3932 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6852	07/02/2025	09/18/2025	Jagrut Upadhyay	None	None	Rahul Chavli 07/02/2025

FROM 1.50000ml of S12220 + 2.00000ml of S12195 + 2.00000ml of S12197 + 2.00000ml of S12216 + 5.50000ml of S12196 + 5.50000ml of S12198 + 5.50000ml of S12217 + 5.50000ml of S12218 + 5.50000ml of S12219 + 965.00000ml of E3946 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	12/04/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	02/20/2026	05/02/2025 / RUPESH	03/09/2025 / RUPESH	E3930

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A2862010	12/13/2025	06/13/2025 / Rajesh	02/28/2025 / Rajesh	E3942

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	07/01/2025 / RUPESH	06/19/2025 / RUPESH	E3946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	12/19/2025	06/19/2025 / Jagrut	12/09/2021 / Christian	S10105

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/01/2026	07/01/2025 / Rahul	11/09/2023 / Yogesh	S11651

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	12/04/2025	06/04/2025 / Jagrut	11/21/2023 / rahul	S11806

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12198

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12217

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12218

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12219

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	12/03/2025	06/03/2025 / Jagrut	05/24/2024 / Rahul	S12272

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	12/19/2025	06/19/2025 / Jagrut	05/24/2024 / Rahul	S12278

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12499

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12501

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12502

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12503

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12505

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12506

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12507

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	12/04/2025	06/04/2025 / Jagrut	07/23/2024 / RAHUL	S12545

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12546

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12547

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12548

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12549

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12550

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	01/01/2026	07/01/2025 / Rahul	07/23/2024 / RAHUL	S12552

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	12/16/2025	06/16/2025 / anahy	09/20/2024 / anahy	S12670

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	01/08/2026	07/08/2025 / Rahul	09/20/2024 / anahy	S12673

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	01/15/2026	07/15/2025 / Rahul	09/20/2024 / anahy	S12674

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12987

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12988

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12989

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12990

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12991

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	07/01/2025 / Rahul	12/11/2024 / anahy	S12992

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	531243	12/19/2025	06/19/2025 / Jagrut	01/16/2025 / anahy	S13057

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13088

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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]	A0221014	11/30/2025	07/01/2025 / Rahul	05/20/2025 / Rahul	S13089

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	12/03/2025	06/03/2025 / Jagrut	11/13/2023 / Rahul	S13148

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	12/04/2025	06/04/2025 / Jagrut	06/04/2025 / Rahul	S13158

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	01/01/2026	07/01/2025 / Rahul	06/04/2025 / Rahul	S13159

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	01/01/2026	07/01/2025 / Rahul	06/11/2025 / anahy	S13206

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70434 / Acetophenone, Single compound solution, 1000 PPM	121622	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13208

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91126 / Benzoic acid 2000 ug/mL	060625	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90495 / 1,1-Biphenyl 2000 ug/mL	042325	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	34571 / 1,2,4,5-Tetrachlorobenzene 5000 ug/mL	092324	12/19/2025	06/19/2025 / Rahul	06/19/2025 / Rahul	S13211

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by RB on 7/24/23 E3551

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

E3930

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3942

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RS 6/19/25

E3946

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date:2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS 7/14/25

E3954

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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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511649 ↓ 511658 Y.P. 11/13/23

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

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.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 31853 **Lot No.:** A0196453

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11749 ↓ S11794 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

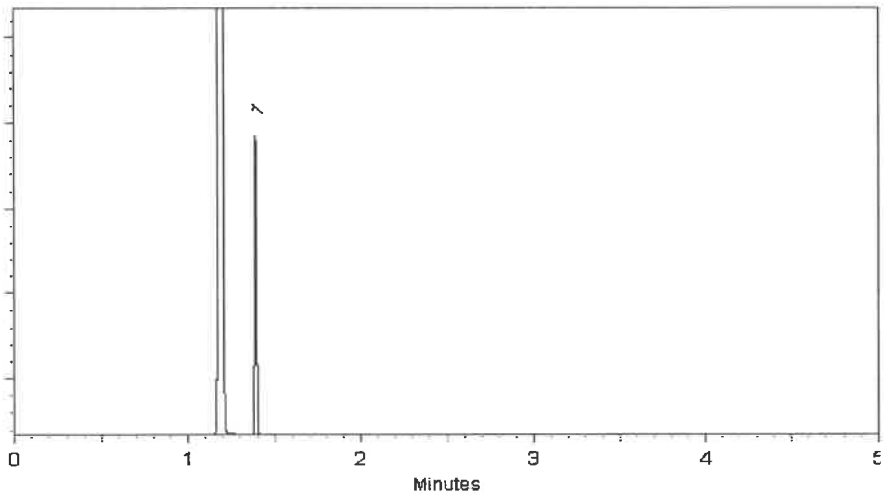
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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.
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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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- 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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Catalog No. : 31853 **Lot No.:** A0200655

S11795 ↓ S11808 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

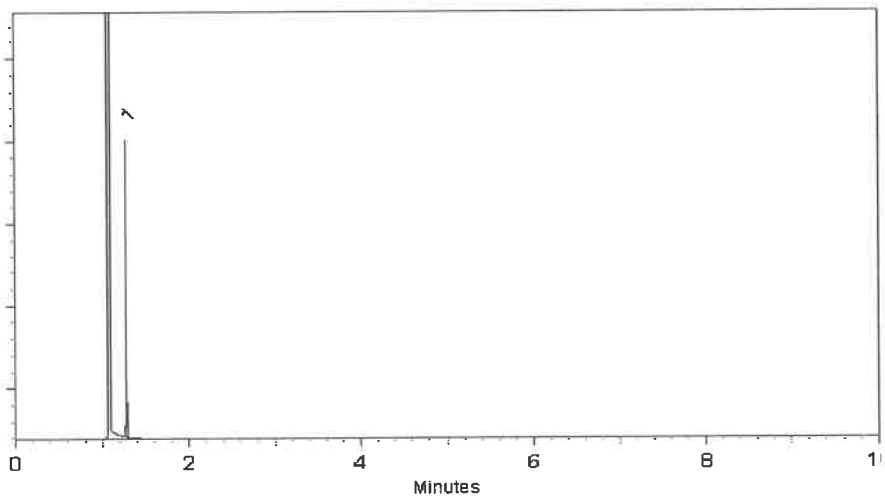
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Catalog No. : 31853 **Lot No.:** A0200655

S11795 ↓ S11808 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

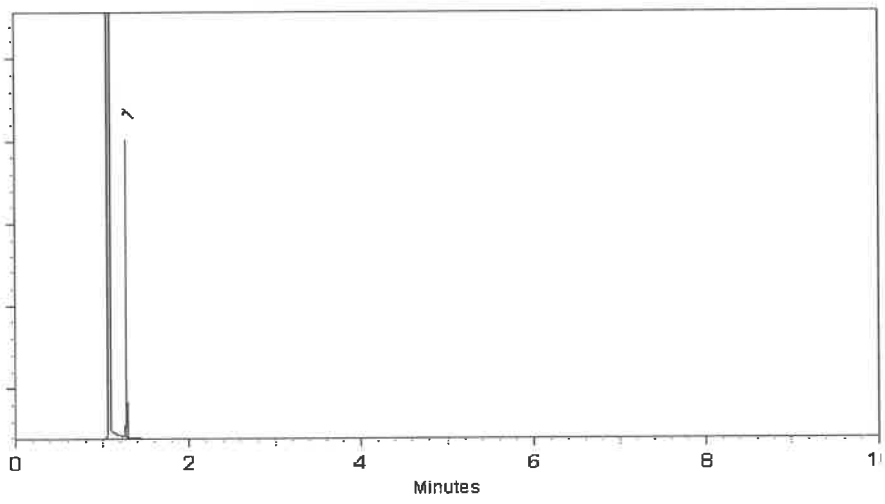
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

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Catalog No. : 31853 **Lot No.:** A0200655

S11795 ↓ S11808 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

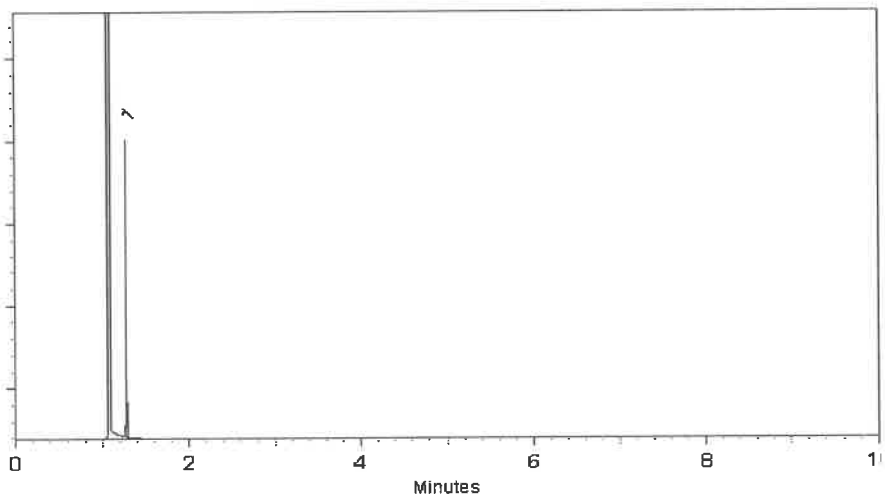
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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.:** A0200655

S11795 ↓ S11808 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

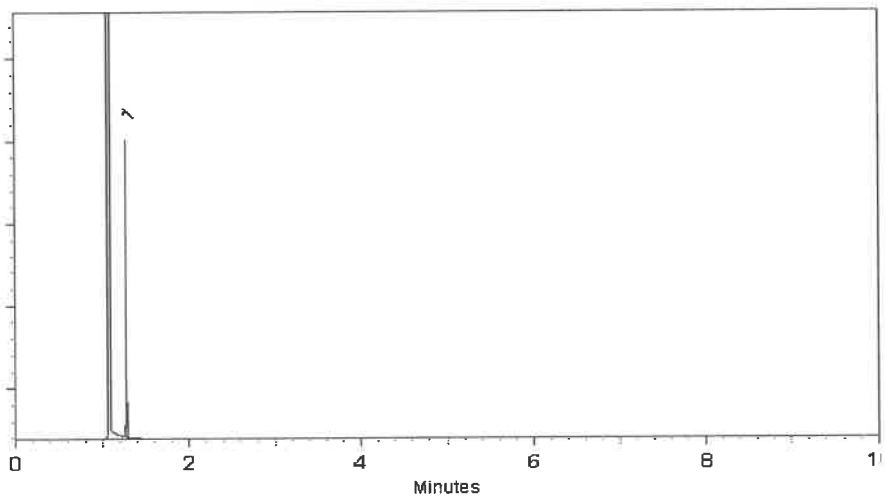
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- 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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Catalog No. : 31853 **Lot No.:** A0200655

S11795 ↓ S11808 RC 11/30/23

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

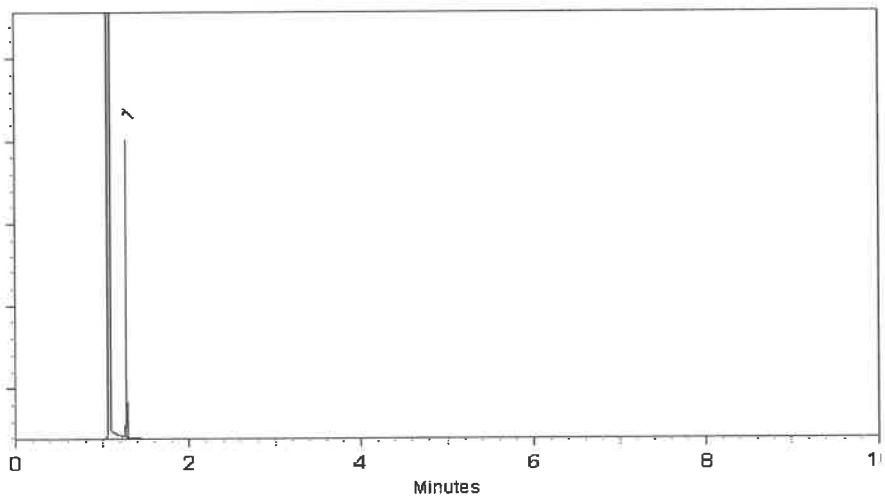
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- 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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- 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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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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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

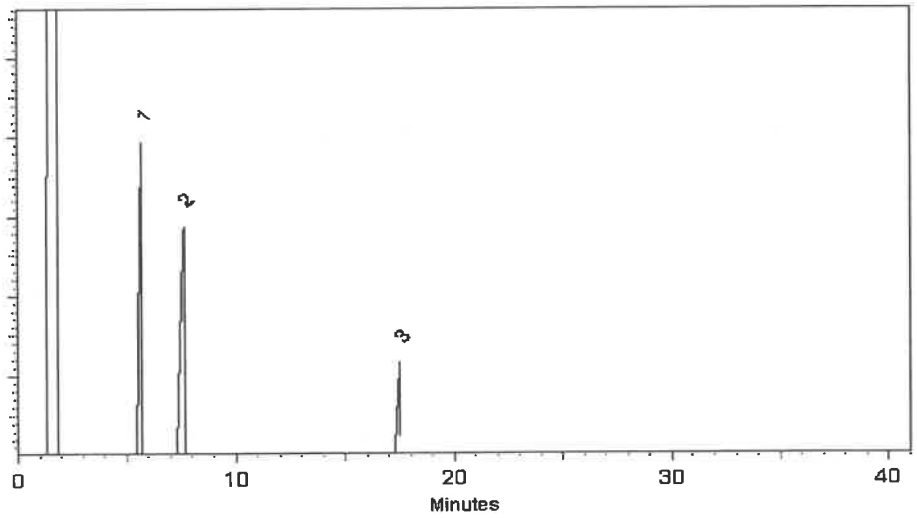
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

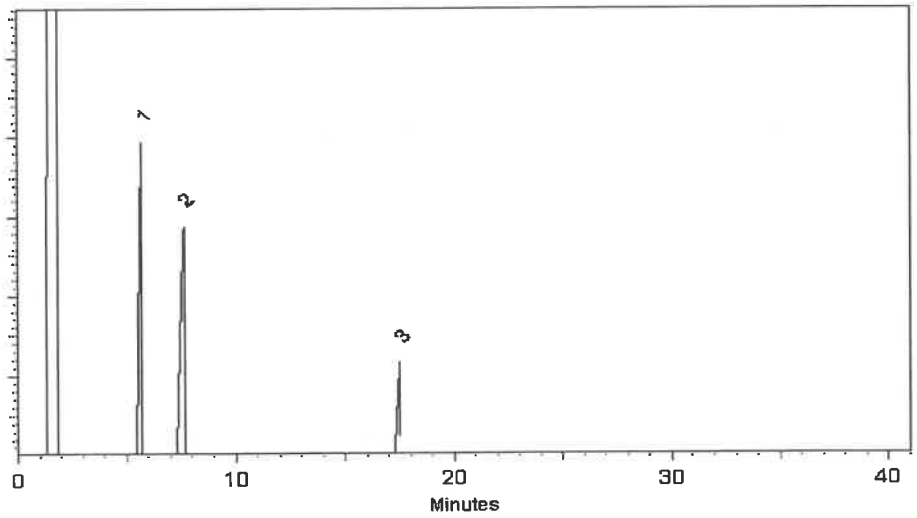
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

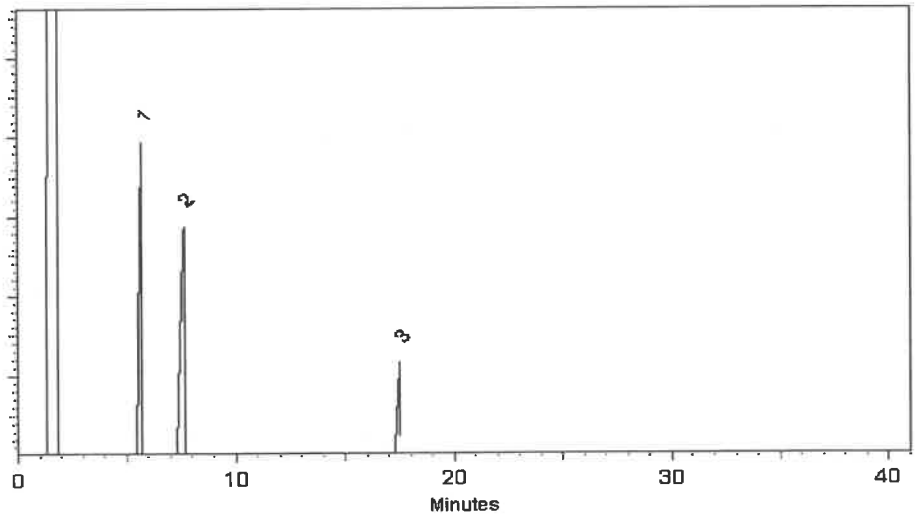
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

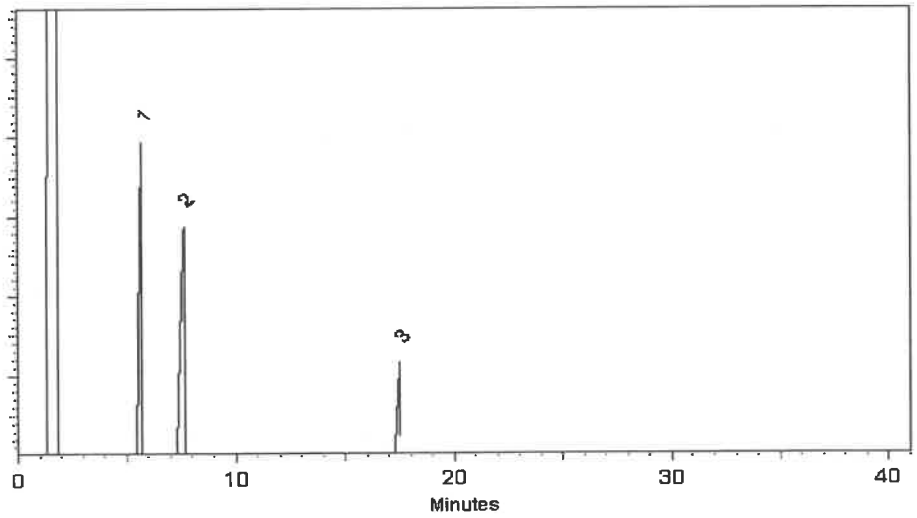
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

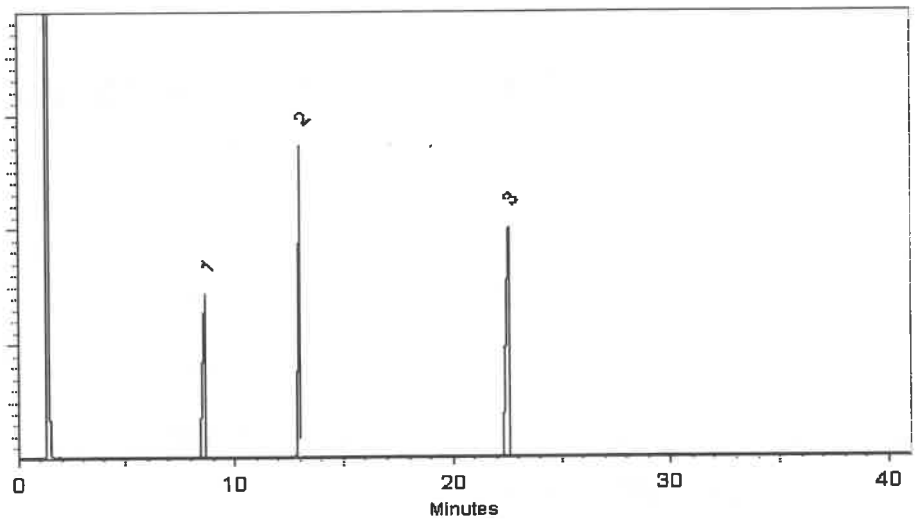
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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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

RESTEK
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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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

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Rtx-5 (cat.#10223)

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hydrogen-constant pressure 10 psi.

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@ 10°C/min. (hold 10 min.)

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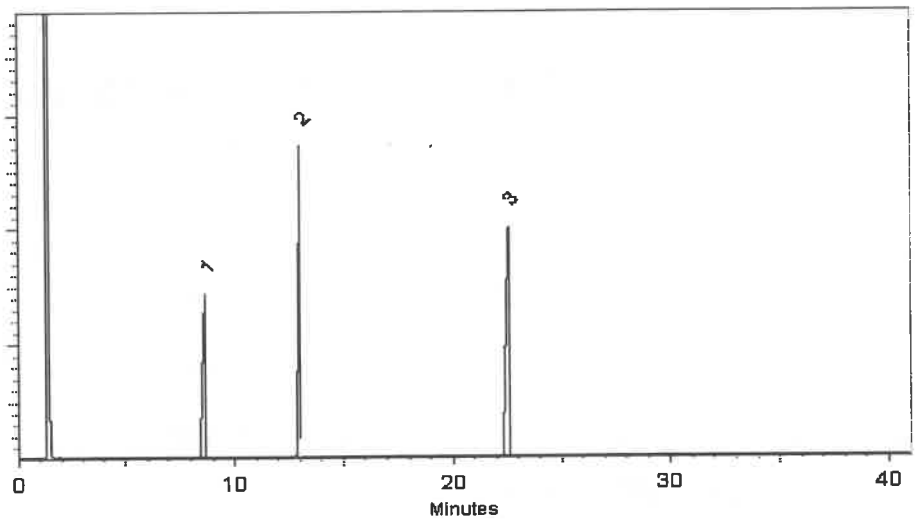
Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Jess Hoy - Operations Tech I

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Jennifer Pollino - Operations Tech III - ARM QC

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S12207 ↓ S12221 RC 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

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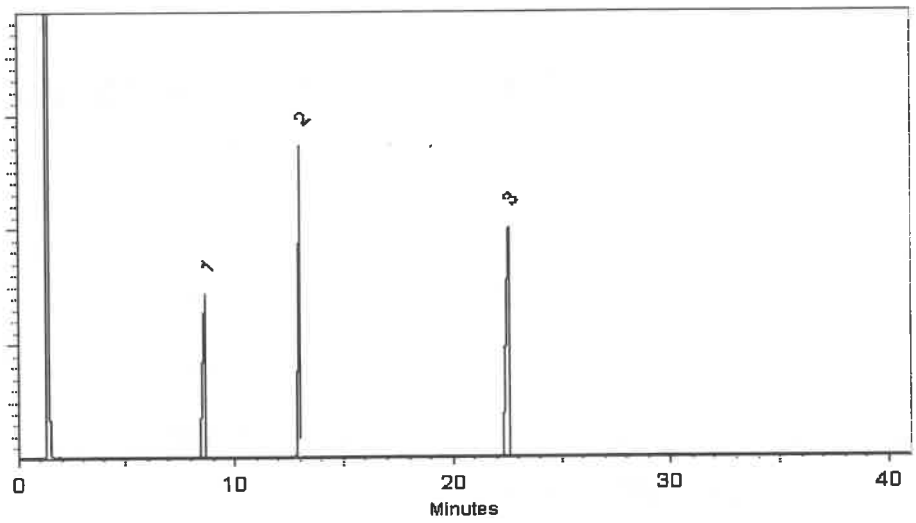

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S12207 ↓ S12221 RC 03/18/24

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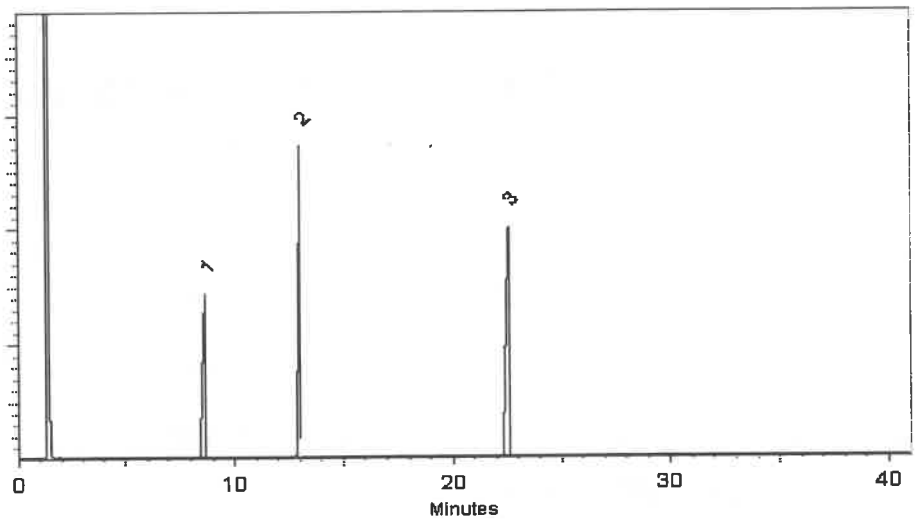

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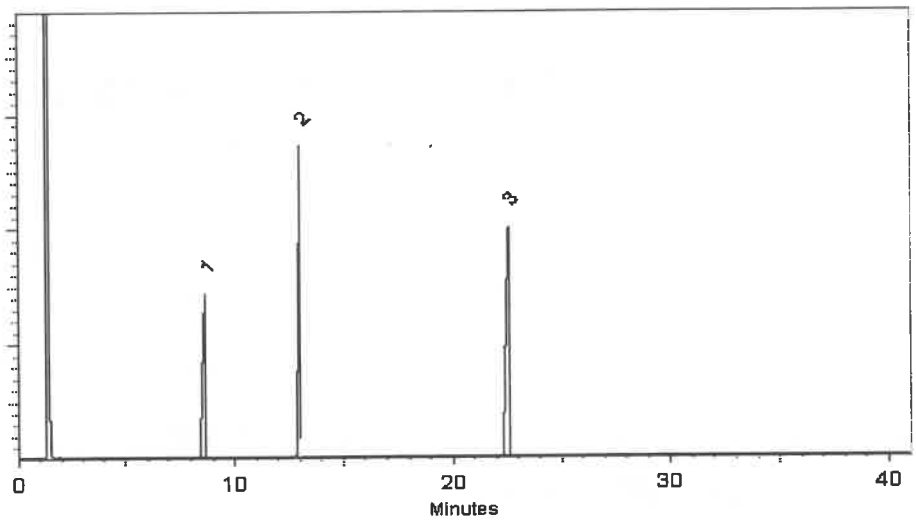

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Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

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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-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC/ 05/24/24

*Not a certified value

Kerry E Kane

Certified By: _____

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

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Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

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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

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Certified By: S. Hunter

Scott Hunter
Chemist

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Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II **Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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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

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Solvent: Methylene chloride
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Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

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- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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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. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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Manufacturing Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
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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

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
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4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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gravimetric

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

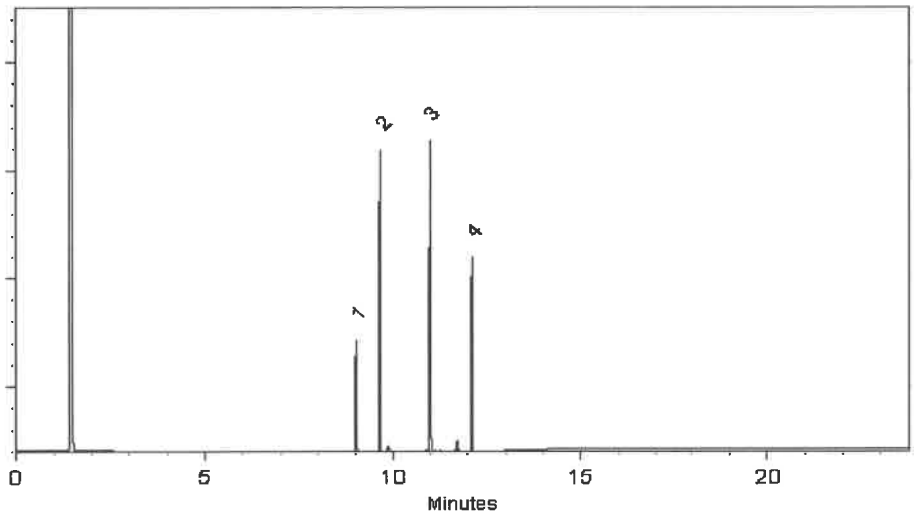
Inj. Temp:
250°C

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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Certificate of Analysis

chromatographic plus

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** 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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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** 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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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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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.

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	531243	≤ -10 °C	Methylene Chloride	1/2/2030	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.4P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	993.8 ± 5.78
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

513057 ↓ 513061 AC 1/16/25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

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	525551	-18°C +/- 4°C	Methylene Chloride	9/3/2029	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	97.9	74.421.2P	994.7 ± 30.56

This RM is intended for use as a calibration standard or a quality control standard for chromatography equipment such as GC, GC/MS, HPLC, and HPLC/MS. It may also be used for various USEPA, NIOSH and ASTM methods.

Recommended storage container for ampuled products after opening is a 12 mm x 32 mm amber vial with screw cap Teflon lined silicon septum. The modeled % change per day can be calculated using the following:

$$\% \text{ Change} = 116192x^{-2.578} + 40.383e^{-0.03y}$$

where x = boiling point of the most volatile analyte in the mix (in degrees K)
y = boiling point of the solvent (in degrees K)

This model assumes the container is stored at -10 °C and is unopened during storage. The user should determine what the acceptable error for their process is and calculate the maximum number of days the opened ampule should be stored. The minimum sample size recommended for use is 1µL.

S13078 ↓ S13087 } AC 3/10/25

Manufactured by

Raevyn Steele
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

*Not a certified valu

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

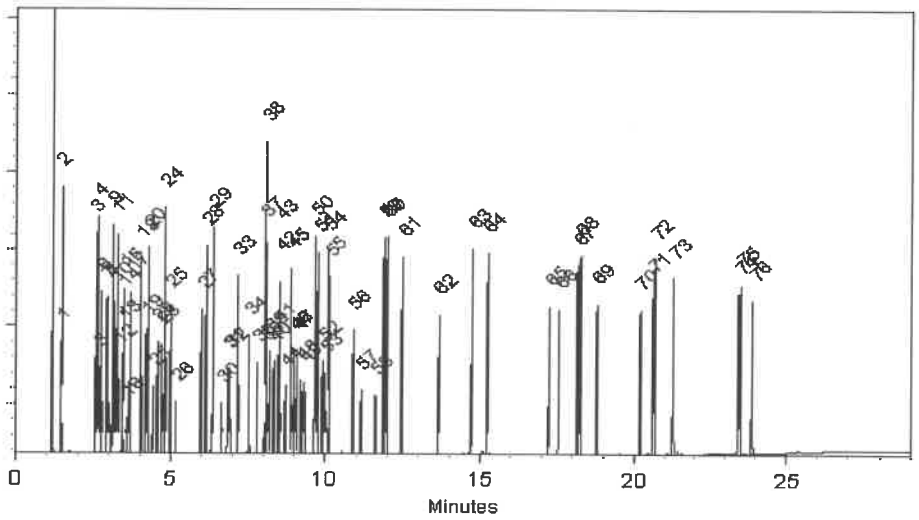
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

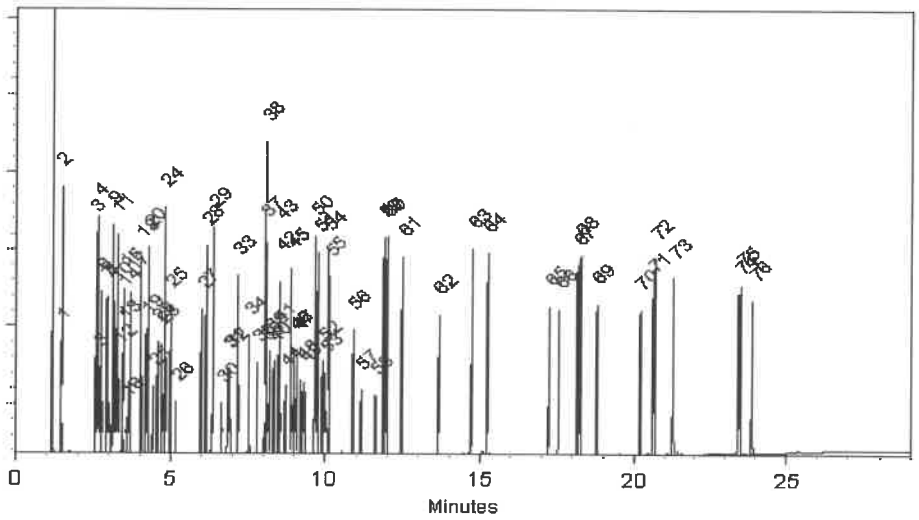
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

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.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 } RC/
↓ } 6/4/25
S13167

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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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.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard

Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Ship: Ambient

S13158 } RC/
↓ } 6/4/25
S13167

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025 **Balance:** C322230531

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

S13198 ↓ S13207 } AC 6/11/25

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard

Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I **Date Mixed:** 09-Jun-2025 **Balance:** 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70434
Lot Number: 121622
Description: Acetophenone

Expiration Date: 121627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

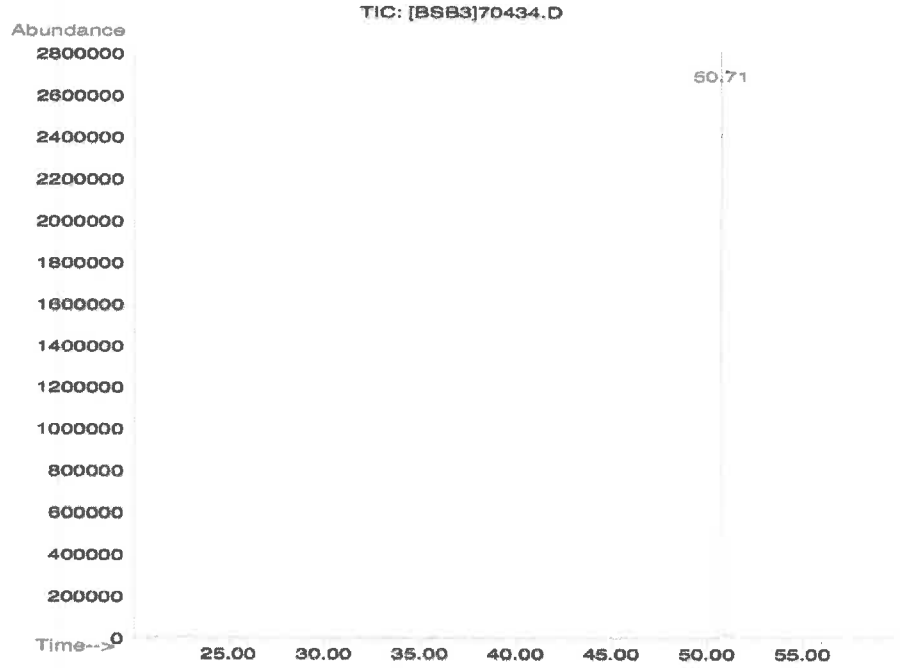
Solvent(s): **Lot#**
Methylene chloride C21F09CAS0000DCM

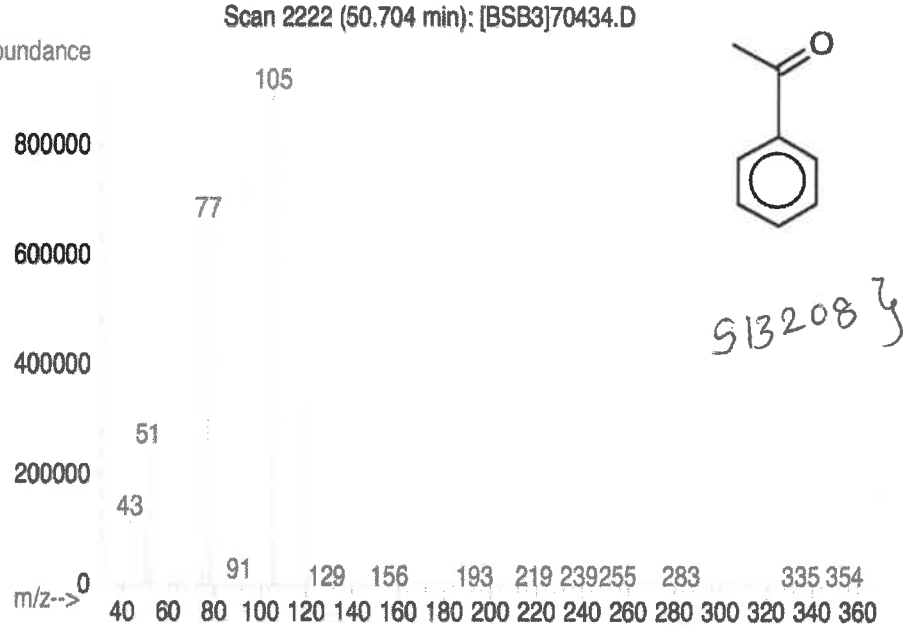
		121622
Formulated By:	Benson Chan	DATE
		121622
Reviewed By:	Pedro L. Rentas	DATE

Weight(s) shown below were combined and diluted to (mL): 50.0 ± 0.001 Flask Uncertainty; 5E-05 Balance Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetophenone	434	04511JX	1000	99	0.2	0.05055	0.05075	1004.0	4.5	98-86-2	N/A	orl-rat 815mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren. Solvent delay = 25 minutes.

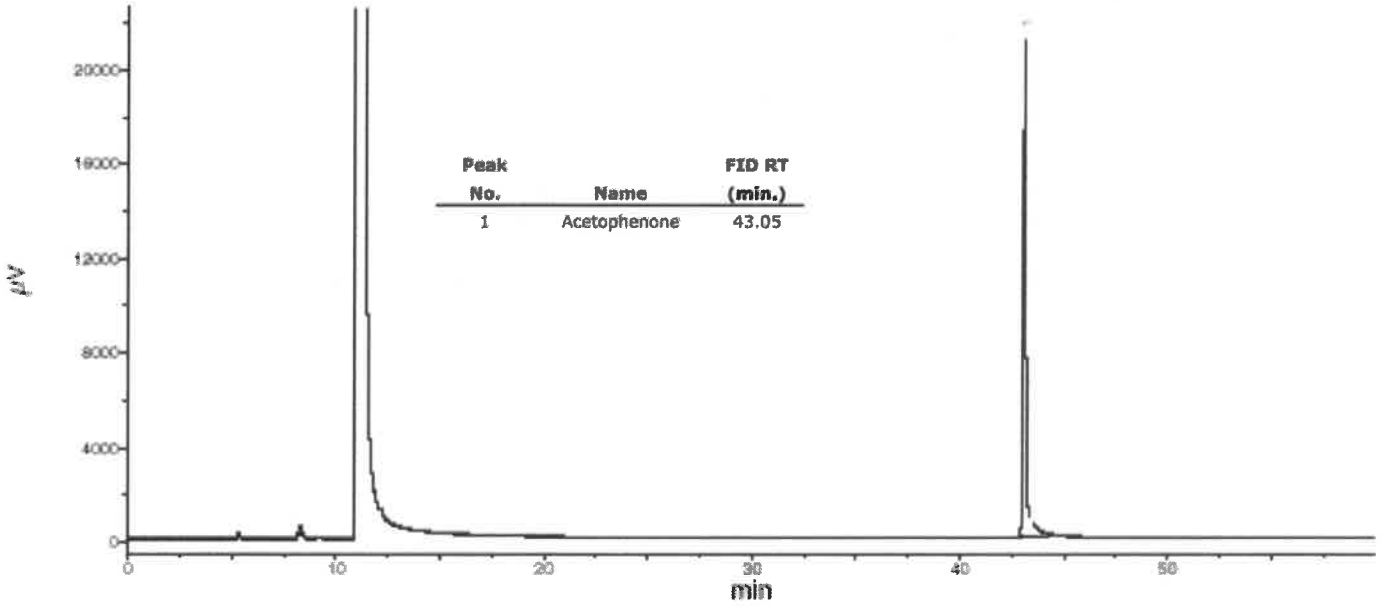




S13208 Y RC/ 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC13-M1 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak No.	Name	FID RT (min.)
1	Acetophenone	43.05

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

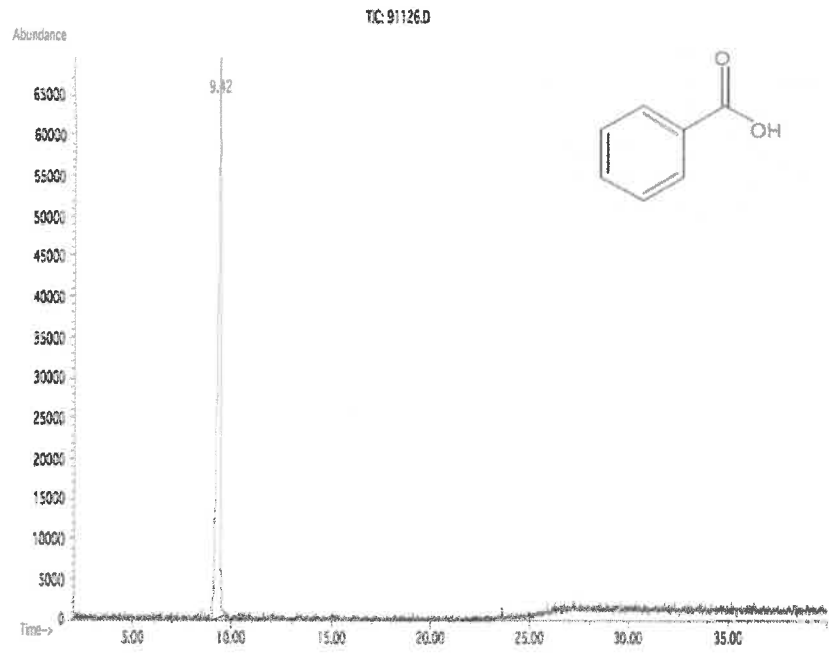
CERTIFIED WEIGHT REPORT

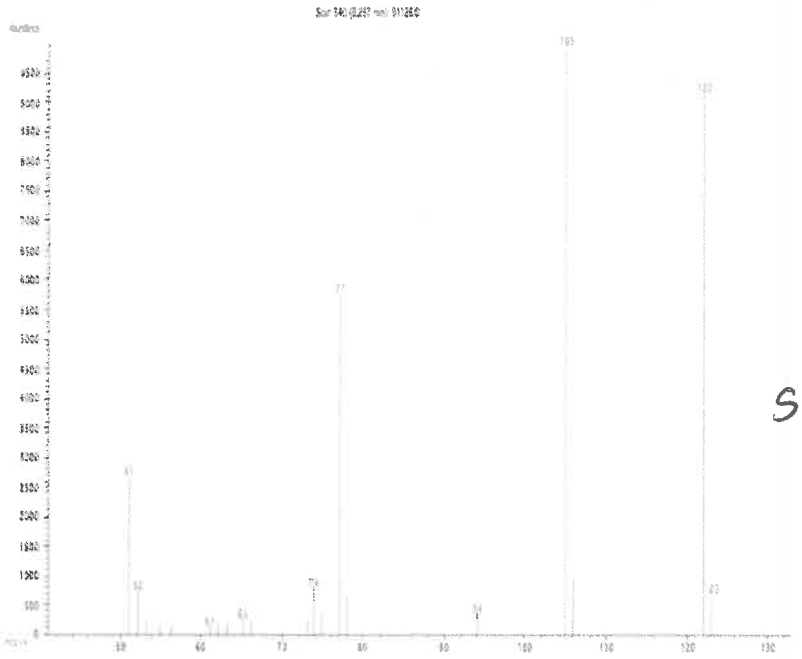
Part Number:	**91126**	**Solvent(s):**	**Lot#**
Lot Number:	060625	Methylene chloride	23343
Description:	Benzoic acid		
Expiration Date:	060630		
Recommended Storage:	Refrigerate (4 °C)		
Nominal Concentration (µg/mL):	2000		
NIST Test ID#:	6UTB	5E-05 Balance Uncertainty	
Weight(s) shown below were combined and diluted to (mL):	100.0	0.031 Flask Uncertainty	

		060625
Formulated By:	Anthony Mahoney	DATE
		060625
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Benzoic acid	34	11930AW	2000.0	99	0.2	0.20211	0.20227	2001.6	8.2	65-85-0	N/A	orl-rat 1700mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C. Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Melissa Stonier.





S13209 RC 6/19/25

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 34571
Lot Number: 092324
Description: 1,2,4,5-Tetrachlorobenzene

Solvent(s): Methanol **Lot#** EI863-US

Expiration Date: 092334
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.004 Flask Uncertainty

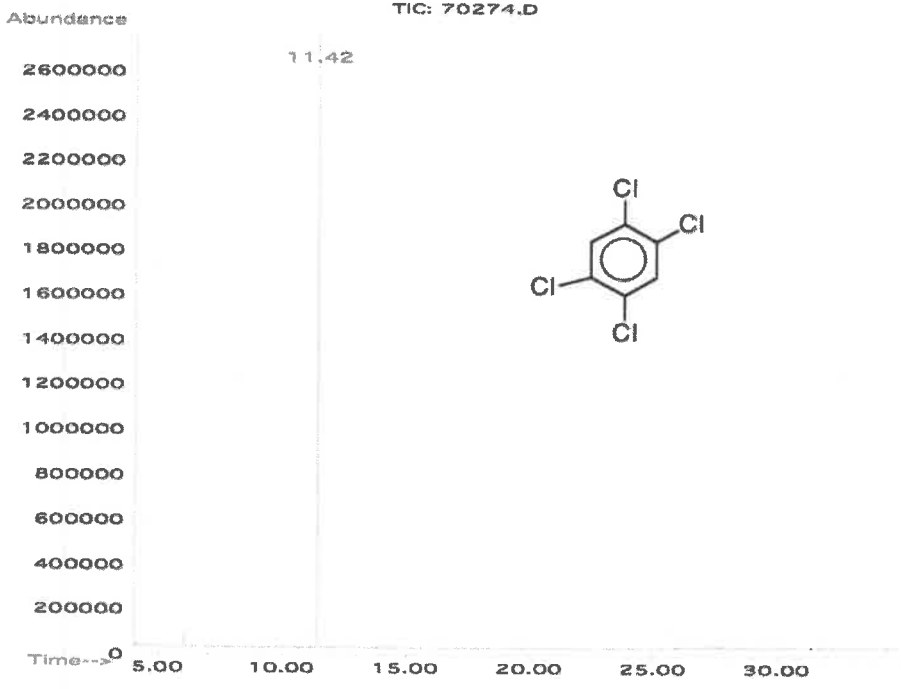
Weight(s) shown below were combined and diluted to (mL): 25.0

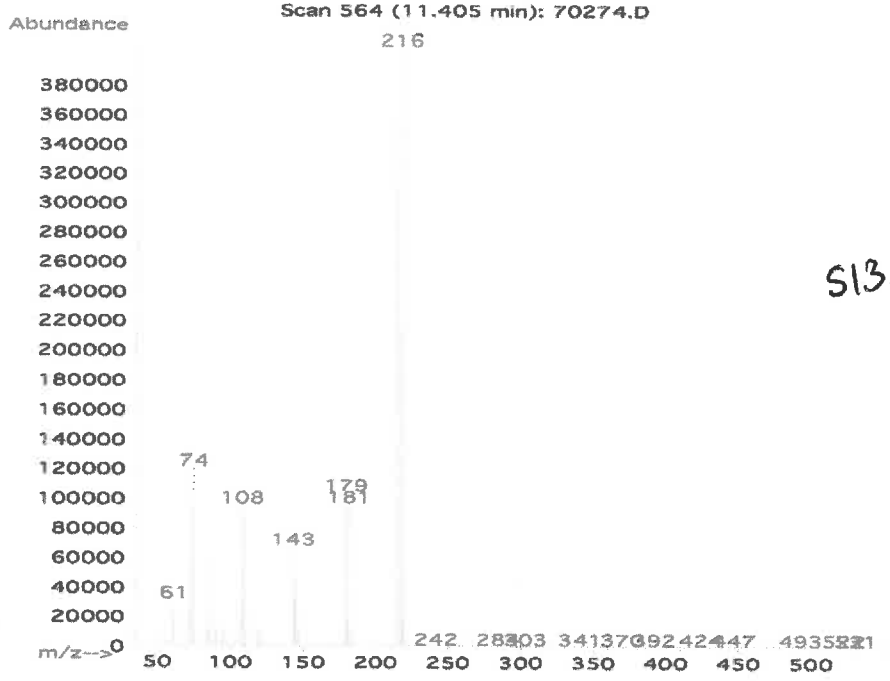
CAUTION: Sonicate Before Use

Formulated By:	Lawrence Barry	092324 DATE
Reviewed By:	Pedro L. Rentas	092324 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,2,4,5-Tetrachlorobenzene	274	10408AS	5000	98	0.20	0.12761	0.12765	5001.4	20.8	95-94-3	N/A	orl-rat 1500mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.





S132113 RC 6/19/25.

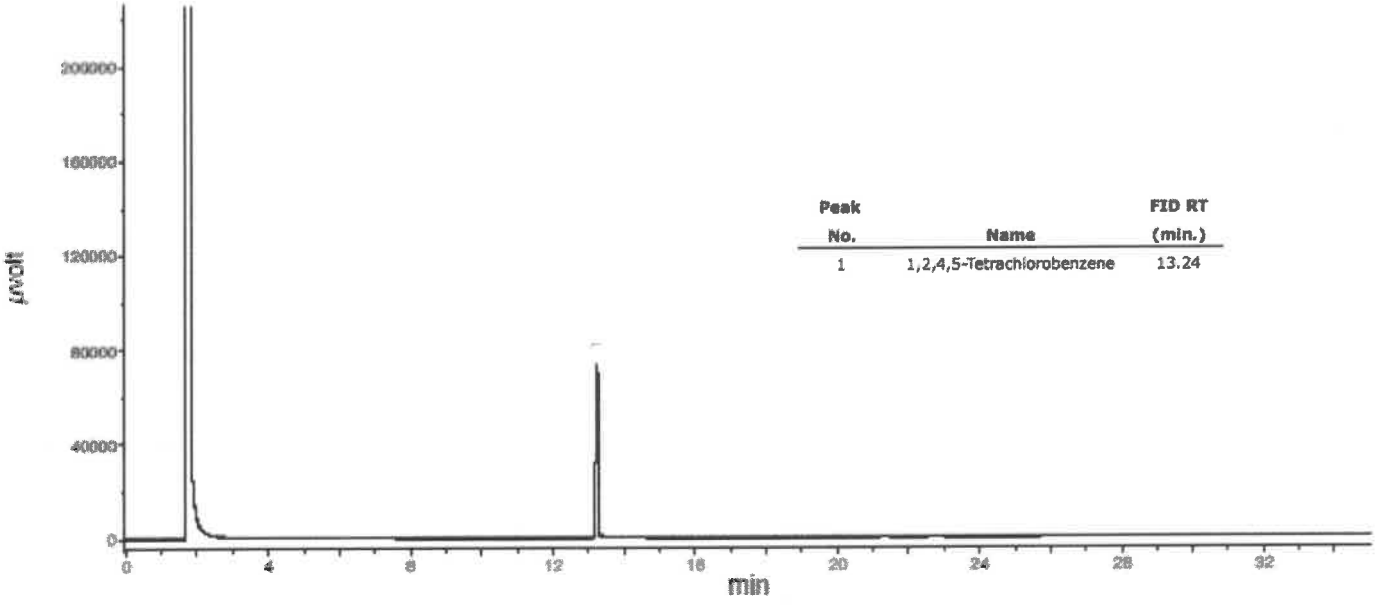
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 31, "P34571 L092324 [5000µg/mL in MeOH]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Fri, Jan 3, 2025 at 11:24:40 AM.
Sampled: Sequence "010225-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 7



Peak No.	Name	FID RT (min.)
1	1,2,4,5-Tetrachlorobenzene	13.24

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

513148
↓
513157
RC
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q 2592
QUOTE NO.
COC Number 2047546

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Road
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Zohar Lavy
PHONE: (732) 796-5536 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: ConEd East River S1
PROJECT NO.: 454534 LOCATION: Manhattan
PROJECT MANAGER: Zohar Lavy
e-mail: Zohar.lavy@parsons.com
PHONE: (732)-796-5536 FAX: —

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#: 454534
ADDRESS: 301 Plainfield Road
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Zohar Lavy PHONE: (732)-796-5536

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5-day rush DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. VOCs, SVOCs
2. TAL metals
3. PCBs, TPH
4. TCLP VOCs, TCLP SVOCs
5. TCLP metals
6. TCLP pest, TCLP herb
7. Ignitability, reactivity
8. corrosivity, pH
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E 1	E 2	E 3	E 4	E 5	E 6	E 7	E 8		← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	WC-Soil-20250711	S	X		7/11/25	1230	9	X	X	X	X	X	X	X	X		
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Emma Sauer	7/11/25 1440	1. 7-11-25 1440
2.		2.
3.	7-11-25 1637	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: Include Zohar.lavy@parsons.com and Kirsten.valentini@parsons.com on all data

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2592 PARS02
Client Name : PARSONS Engineering of N
Client Contact : Zohar Lavy
Invoice Name : PARSONS Engineering of N
Invoice Contact : Zohar Lavy

Order Date : 7/11/2025 3:05:25 PM
Project Name : Con Edison - East River Sit
Receive DateTime : 7/11/2025 ~~12:00:00 AM~~ 04:39:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : NYSDEC EDD V-3
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2592-01	WC-SOIL-20250711	Solid	07/11/2025	12:30					
					VOCMS Group1		8260D		5 Bus. Days

DP 07/15/2025

Relinguished By : [signature]
Date / Time : 7/14/25 0725

Received By : Sam
Date / Time : 07/14/25 10:00

SAMPLES RECEIVED ON 7/11/25 @ 1440
SAMPLES PLACED IN SM-REF-2

ngH 6
F72

Storage Area : VOA Refridgerator Room