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Cover Page

Order ID : Q2994

Project ID : Bayshore Soil BSM Management

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number	Client Sample Number
Q2994-01	PAULDING-WC1

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: 9/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: Bayshore Soil BSM Management
Project # N/A
Order ID # Q2994
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 08/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 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 were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.

The Blank Spike for {PB169490BS} with File ID: BP025643.D met requirements for all compounds except for 2,4,5-Trichlorophenol[100%], 2-Nitroaniline[106%], Butylbenzylphthalate[106%], Di-n-butylphthalate[106%] and Pentachlorophenol[106%], Recovery failed high but associated samples does not have hit for these compounds, therefor no further corrective action was taken.

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

The %RSD is greater than 20% in the Method 8270-BG082825.M for 2,4-Dinitrophenol and it is passing on Linear regression.

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The Continuous Calibration File ID BP025637.D met the requirements except for Benzaldehyde. Failed high but associated samples does not have hit for this compound, Therefor no further corrective action was taken.

The Tuning criteria met requirements.

Samples PAULDING-WC1 was diluted due to viscous 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2994

	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: MAHESH PATEL **Date:** 09/04/2025

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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			SVOC-TCL BNA -20	8270E		09/02/25	09/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**PAULDING-WC1**								
Q2994-01	PAULDING-WC1	SOIL	Phenanthrene		520.000	J	110	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Fluoranthene		1,800.000		160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Pyrene		2,200.000		200	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(a)anthracene		1,100.000		130	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Chrysene		1,100.000		110	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(b)fluoranthene		1,400.000		100	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(k)fluoranthene		510.000	J	120	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(a)pyrene		1,200.000		160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Indeno(1,2,3-cd)pyrene		630.000	J	160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(g,h,i)perylene		810.000	J	140	930	ug/Kg
			Total Svoc :		**11,270.00**				
Q2994-01	PAULDING-WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	390.000	AB	0	0	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Anthracene, 2-methyl-	*	460.000	J	0	0	ug/Kg
			Total Tics :		**850.00**				
			Total Concentration:		**12,120.00**				

QC
SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169490BL	PB169490BL	2-Fluorophenol	150	146	97		18	112
		Phenol-d6	150	136	91		15	107
		Nitrobenzene-d5	100	90.9	91		18	107
		2-Fluorobiphenyl	100	87.4	87		20	109
		2,4,6-Tribromophenol	150	157	105		10	116
		Terphenyl-d14	100	91.1	91		10	105
PB169490BS	PB169490BS	2-Fluorophenol	150	135	90		18	112
		Phenol-d6	150	129	86		15	107
		Nitrobenzene-d5	100	83.6	84		18	107
		2-Fluorobiphenyl	100	81.7	82		20	109
		2,4,6-Tribromophenol	150	145	96		10	116
		Terphenyl-d14	100	81.9	82		10	105
Q2989-01MS	SOUTH-TP-5MS	2-Fluorophenol	150	95.6	64		18	112
		Phenol-d6	150	95.1	63		15	107
		Nitrobenzene-d5	100	59.7	60		18	107
		2-Fluorobiphenyl	100	53.9	54		20	109
		2,4,6-Tribromophenol	150	103	68		10	116
		Terphenyl-d14	100	57.6	58		10	105
Q2989-01MSD	SOUTH-TP-5MSD	2-Fluorophenol	150	101	67		18	112
		Phenol-d6	150	100	67		15	107
		Nitrobenzene-d5	100	63.4	63		18	107
		2-Fluorobiphenyl	100	58.3	58		20	109
		2,4,6-Tribromophenol	150	111	74		10	116
		Terphenyl-d14	100	61.1	61		10	105
Q2994-01	PAULDING-WC1	2-Fluorophenol	150	111	74		18	112
		Phenol-d6	150	110	74		15	107
		Nitrobenzene-d5	100	68.4	68		18	107
		2-Fluorobiphenyl	100	71.2	71		20	109
		2,4,6-Tribromophenol	150	103	69		10	116
		Terphenyl-d14	100	75.4	75		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025641.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2989-01MS		**Client Sample ID: SOUTH-TP-5MS**									
Benzaldehyde	1100	0	560	ug/Kg	51				10	171	
Phenol	1100	0	1100	ug/Kg	100				51	122	
bis(2-Chloroethyl)ether	1100	0	1000	ug/Kg	91				54	125	
2-Chlorophenol	1100	0	1100	ug/Kg	100				51	121	
2-Methylphenol	1100	0	1100	ug/Kg	100				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	1100	ug/Kg	100				46	119	
Acetophenone	1100	0	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	1100	ug/Kg	100				49	125	
N-Nitroso-di-n-propylamine	1100	0	1000	ug/Kg	91				59	119	
Hexachloroethane	1100	0	1100	ug/Kg	100				51	116	
Nitrobenzene	1100	0	1100	ug/Kg	100				47	124	
Isophorone	1100	0	1100	ug/Kg	100				49	127	
2-Nitrophenol	1100	0	1200	ug/Kg	109				43	131	
2,4-Dimethylphenol	1100	0	1100	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1100	0	1100	ug/Kg	100				51	119	
2,4-Dichlorophenol	1100	0	1200	ug/Kg	109				50	122	
Naphthalene	1100	0	1100	ug/Kg	100				51	121	
4-Chloroaniline	1100	0	360	ug/Kg	33				10	100	
Hexachlorobutadiene	1100	0	1100	ug/Kg	100				44	126	
Caprolactam	1100	0	1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100	0	1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100	0	1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300	0	2000	ug/Kg	87				10	175	
2,4,6-Trichlorophenol	1100	0	1200	ug/Kg	109				33	141	
2,4,5-Trichlorophenol	1100	0	1200	ug/Kg	109				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1100	ug/Kg	100				48	124	
2-Nitroaniline	1100	0	1200	ug/Kg	109				47	134	
Dimethylphthalate	1100	0	1100	ug/Kg	100				54	120	
Acenaphthylene	1100	0	1100	ug/Kg	100				57	125	
2,6-Dinitrotoluene	1100	0	1200	ug/Kg	109				48	127	
3-Nitroaniline	1100	0	610	ug/Kg	55				10	112	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300	0	2600	ug/Kg	113				10	155	
4-Nitrophenol	2300	0	2200	ug/Kg	96				10	175	
Dibenzofuran	1100	0	1100	ug/Kg	100				52	114	
2,4-Dinitrotoluene	1100	0	1200	ug/Kg	109				41	140	
Diethylphthalate	1100	0	1200	ug/Kg	109				51	119	
4-Chlorophenyl-phenylether	1100	0	1100	ug/Kg	100				48	122	
Fluorene	1100	0	1100	ug/Kg	100				53	118	
4-Nitroaniline	1100	0	1100	ug/Kg	100				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1200	ug/Kg	109				10	160	
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1200	ug/Kg	109				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025641.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2400	ug/Kg	104				13	153	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1100	ug/Kg	100				62	124	
Carbazole	1100	0	1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				55	125	
Fluoranthene	1100	0	1100	ug/Kg	100				44	125	
Pyrene	1100	0	1100	ug/Kg	100				37	122	
Butylbenzylphthalate	1100	0	1200	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	1100	0	630	ug/Kg	57				15	112	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				53	119	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100	0	1200	ug/Kg	109				51	156	
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100				52	134	
1,4-Dioxane	1100	0	990	ug/Kg	90				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1200	ug/Kg	109				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025642.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2989-01MSD		**Client Sample ID: SOUTH-TP-5MSD**									
Benzaldehyde	1100	0	600	ug/Kg	55		8		10	171	20
Phenol	1100	0	1200	ug/Kg	109		9		51	122	20
bis(2-Chloroethyl)ether	1100	0	1100	ug/Kg	100		9		54	125	20
2-Chlorophenol	1100	0	1200	ug/Kg	109		9		51	121	20
2-Methylphenol	1100	0	1200	ug/Kg	109		9		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	1200	ug/Kg	109		9		46	119	20
Acetophenone	1100	0	1200	ug/Kg	109		9		55	128	20
3+4-Methylphenols	1100	0	1100	ug/Kg	100		0		49	125	20
N-Nitroso-di-n-propylamine	1100	0	1100	ug/Kg	100		9		59	119	20
Hexachloroethane	1100	0	1200	ug/Kg	109		9		51	116	20
Nitrobenzene	1100	0	1200	ug/Kg	109		9		47	124	20
Isophorone	1100	0	1200	ug/Kg	109		9		49	127	20
2-Nitrophenol	1100	0	1200	ug/Kg	109		0		43	131	20
2,4-Dimethylphenol	1100	0	1200	ug/Kg	109		9		63	151	20
bis(2-Chloroethoxy)methane	1100	0	1100	ug/Kg	100		0		51	119	20
2,4-Dichlorophenol	1100	0	1200	ug/Kg	109		0		50	122	20
Naphthalene	1100	0	1200	ug/Kg	109		9		51	121	20
4-Chloroaniline	1100	0	400	ug/Kg	36		9		10	100	20
Hexachlorobutadiene	1100	0	1200	ug/Kg	109		9		44	126	20
Caprolactam	1100	0	1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100	0	1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100	0	1100	ug/Kg	100		9		59	123	20
Hexachlorocyclopentadiene	2300	0	2200	ug/Kg	96		10		10	175	20
2,4,6-Trichlorophenol	1100	0	1300	ug/Kg	118		8		33	141	20
2,4,5-Trichlorophenol	1100	0	1300	ug/Kg	118		8		38	135	20
1,1-Biphenyl	1100	0	1200	ug/Kg	109		9		55	131	20
2-Chloronaphthalene	1100	0	1200	ug/Kg	109		9		48	124	20
2-Nitroaniline	1100	0	1300	ug/Kg	118		8		47	134	20
Dimethylphthalate	1100	0	1200	ug/Kg	109		9		54	120	20
Acenaphthylene	1100	0	1200	ug/Kg	109		9		57	125	20
2,6-Dinitrotoluene	1100	0	1300	ug/Kg	118		8		48	127	20
3-Nitroaniline	1100	0	660	ug/Kg	60		9		10	112	20
Acenaphthene	1100	0	1100	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	2300	0	2900	ug/Kg	126		11		10	155	20
4-Nitrophenol	2300	0	2400	ug/Kg	104		8		10	175	20
Dibenzofuran	1100	0	1200	ug/Kg	109		9		52	114	20
2,4-Dinitrotoluene	1100	0	1300	ug/Kg	118		8		41	140	20
Diethylphthalate	1100	0	1300	ug/Kg	118		8		51	119	20
4-Chlorophenyl-phenylether	1100	0	1200	ug/Kg	109		9		48	122	20
Fluorene	1100	0	1200	ug/Kg	109		9		53	118	20
4-Nitroaniline	1100	0	1200	ug/Kg	109		9		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1300	ug/Kg	118		8		10	160	20
N-Nitrosodiphenylamine	1100	0	1200	ug/Kg	109		9		73	118	20
4-Bromophenyl-phenylether	1100	0	1200	ug/Kg	109		9		65	121	20
Hexachlorobenzene	1100	0	1200	ug/Kg	109		9		67	118	20
Atrazine	1100	0	1300	ug/Kg	118		8		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025642.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2600	ug/Kg	113		8		13	153	20
Phenanthrene	1100	0	1200	ug/Kg	109		9		52	128	20
Anthracene	1100	0	1200	ug/Kg	109		9		62	124	20
Carbazole	1100	0	1200	ug/Kg	109		9		59	119	20
Di-n-butylphthalate	1100	0	1300	ug/Kg	118		8		55	125	20
Fluoranthene	1100	0	1200	ug/Kg	109		9		44	125	20
Pyrene	1100	0	1200	ug/Kg	109		9		37	122	20
Butylbenzylphthalate	1100	0	1300	ug/Kg	118		8		44	135	20
3,3-Dichlorobenzidine	1100	0	650	ug/Kg	59		3		15	112	20
Benzo(a)anthracene	1100	0	1200	ug/Kg	109		9		53	119	20
Chrysene	1100	0	1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1300	ug/Kg	118		8		42	169	20
Di-n-octyl phthalate	1100	0	1300	ug/Kg	118		8		51	156	20
Benzo(b)fluoranthene	1100	0	1200	ug/Kg	109		9		52	117	20
Benzo(k)fluoranthene	1100	0	1200	ug/Kg	109		9		57	134	20
Benzo(a)pyrene	1100	0	1200	ug/Kg	109		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1200	ug/Kg	109		9		40	129	20
Dibenz(a,h)anthracene	1100	0	1200	ug/Kg	109		9		43	123	20
Benzo(g,h,i)perylene	1100	0	1200	ug/Kg	109		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109		9		52	134	20
1,4-Dioxane	1100	0	1000	ug/Kg	91		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1300	ug/Kg	118		8		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP025643.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169490BS	Benzaldehyde	1700	830	ug/Kg	49				10	133	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	840	ug/Kg	49				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3900	ug/Kg	118				37	128	
	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP025643.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169490BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				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: PB169490BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BP025638.D | Lab Sample ID: PB169490BL

Instrument ID: BNA_P | Date Extracted: 09/02/2025

Matrix: (soil/water) SOIL | Date Analyzed: 09/02/2025

Level: (low/med) LOW | Time Analyzed: 14:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOUTH-TP-5MS	Q2989-01MS	BP025641.D	09/02/2025
SOUTH-TP-5MSD	Q2989-01MSD	BP025642.D	09/02/2025
PB169490BS	PB169490BS	BP025643.D	09/02/2025
PAULDING-WC1	Q2994-01	BG064246.D	09/02/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q2994

Lab File ID: BG064217.D — DFTPP Injection Date: 08/28/2025

Instrument ID: BNA_G — DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.4) 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	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q2994

Lab File ID: BG064239.D — DFTPP Injection Date: 09/02/2025

Instrument ID: BNA_G — DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.3 (0.8) 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	5.1
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	16.2 (19.6) 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	BG064240.D	09/02/2025	11:10
PAULDING-WC1	Q2994-01	BG064246.D	09/02/2025	15:25

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q2994

Lab File ID: BP025390.D — DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 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	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (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
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CORE02

Lab Code: ACE — SDG NO.: Q2994

Lab File ID: BP025636.D — DFTPP Injection Date: 09/02/2025

Instrument ID: BNA_P — DFTPP Injection Time: 13:26

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	31.4
70	Less than 2.0% of mass 69	0.2 (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	6.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025637.D	09/02/2025	14:07
PB169490BL	PB169490BL	BP025638.D	09/02/2025	14:48
SOUTH-TP-5MS	Q2989-01MS	BP025641.D	09/02/2025	16:56
SOUTH-TP-5MSD	Q2989-01MSD	BP025642.D	09/02/2025	17:37
PB169490BS	PB169490BS	BP025643.D	09/02/2025	18:19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID : SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BG064240.D Time Analyzed: 11:10

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	45444	7.853	201380	10.64	132047	14.48
	UPPER LIMIT	90888	8.353	402760	11.144	264094	14.981
	LOWER LIMIT	22722	7.353	100690	10.144	66023.5	13.981
	EPA SAMPLE NO.						
01	PAULDING-WC1	40905	7.86	176725	10.64	119490	14.48

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.: Q2994

Client ID: SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BG064240.D Time Analyzed: 11:10

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	283321	17.219	271531	21.449	295154	24.458
	UPPER LIMIT	566642	17.719	543062	21.949	590308	24.958
	LOWER LIMIT	141661	16.719	135766	20.949	147577	23.958
	EPA SAMPLE NO.						
01	PAULDING-WC1	260040	17.22	246986	21.45	279572	24.46

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.: Q2994

Client ID : SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BP025637.D Time Analyzed: 14:07

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	197399	7.778	799046	10.54	505529	14.38
	UPPER LIMIT	394798	8.278	1598090	11.037	1011060	14.884
	LOWER LIMIT	98699.5	7.278	399523	10.037	252765	13.884
	EPA SAMPLE NO.						
01	PB169490BL	157709	7.77	608151	10.54	383160	14.38
02	SOUTH-TP-5MS	157447	7.77	620874	10.54	402678	14.39
03	PB169490BS	138252	7.77	552989	10.54	359421	14.38
04	SOUTH-TP-5MSD	150511	7.77	590486	10.54	380282	14.38

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID: SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BP025637.D Time Analyzed: 14:07

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	949320	17.19	971561	21.625	1105930	25.001
	UPPER LIMIT	1898640	17.69	1943120	22.125	2211860	25.501
	LOWER LIMIT	474660	16.69	485781	21.125	552965	24.501
	EPA SAMPLE NO.						
01	PB169490BL	807780	17.18	885393	21.64	953052	25.01
02	SOUTH-TP-5MS	815784	17.19	851929	21.64	966507	25.01
03	PB169490BS	750779	17.18	817465	21.63	926416	25.00
04	SOUTH-TP-5MSD	785697	17.19	824922	21.64	951740	25.01

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: **BG064246.D**

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	860	U	860	1800	ug/Kg
108-95-2	Phenol	120	U	120	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	930	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	930	ug/Kg
95-48-7	2-Methylphenol	160	U	160	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	930	ug/Kg
98-86-2	Acetophenone	160	U	160	930	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	440	ug/Kg
67-72-1	Hexachloroethane	96.5	U	96.5	930	ug/Kg
98-95-3	Nitrobenzene	100	U	100	930	ug/Kg
78-59-1	Isophorone	180	U	180	930	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	930	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	930	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	930	ug/Kg
91-20-3	Naphthalene	120	U	120	930	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	930	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	930	ug/Kg
105-60-2	Caprolactam	290	U	290	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	930	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	930	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640	U	640	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	UQ	160	930	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	930	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	930	ug/Kg
88-74-4	2-Nitroaniline	260	UQ	260	930	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	930	ug/Kg

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	160	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	930	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	930	ug/Kg
83-32-9	Acenaphthene	120	U	120	930	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1800	ug/Kg
100-02-7	4-Nitrophenol	590	U	590	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	930	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	930	ug/Kg
84-66-2	Diethylphthalate	160	U	160	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	930	ug/Kg
86-73-7	Fluorene	140	U	140	930	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	560	U	560	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	930	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	930	ug/Kg
1912-24-9	Atrazine	190	U	190	930	ug/Kg
87-86-5	Pentachlorophenol	280	UQ	280	1800	ug/Kg
85-01-8	Phenanthrene	520	J	110	930	ug/Kg
120-12-7	Anthracene	180	U	180	930	ug/Kg
86-74-8	Carbazole	170	U	170	930	ug/Kg
84-74-2	Di-n-butylphthalate	260	UQ	260	930	ug/Kg
206-44-0	Fluoranthene	1800		160	930	ug/Kg
129-00-0	Pyrene	2200		200	930	ug/Kg
85-68-7	Butylbenzylphthalate	390	UQ	390	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1100		130	930	ug/Kg
218-01-9	Chrysene	1100		110	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	930	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		100	930	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	510	J	120	930	ug/Kg
50-32-8	Benzo(a)pyrene	1200		160	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630	J	160	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810	J	140	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	930	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	930	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	111		18 - 112	74%	SPK: 150
13127-88-3	Phenol-d6	110		15 - 107	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.4		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.2		20 - 109	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	75.4		10 - 105	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	40900	7.859			
1146-65-2	Naphthalene-d8	177000	10.644			
15067-26-2	Acenaphthene-d10	119000	14.481			
1517-22-2	Phenanthrene-d10	260000	17.219			
1719-03-5	Chrysene-d12	247000	21.449			
1520-96-3	Perylene-d12	280000	24.458			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	390	AB		4.98	ug/Kg
000613-12-7	Anthracene, 2-methyl-	460	J		18.1	ug/Kg

Raw Data: **BG064246.D**

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

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

Sample Results: **BG064246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 02 16:10:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	40905	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	176725	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	119490	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	260040	20.000	ng		0.00
76) Chrysene-d12	21.449	240	246986	20.000	ng		0.00
86) Perylene-d12	24.458	264	279572	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	50400	22.105	ng		0.00
7) Phenol-d6	7.025	99	69195	22.091	ng		0.00
23) Nitrobenzene-d5	9.005	82	43341	13.677	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	32714	20.670	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	111548	14.249	ng		0.00
79) Terphenyl-d14	19.840	244	178457	15.075	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.260	178	38966	2.841	ng		99
75) Fluoranthene	19.275	202	154788	9.598	ng		98
78) Pyrene	19.634	202	189193	12.159	ng		99
81) Benzo(a)anthracene	21.432	228	98332	6.223	ng		99
83) Chrysene	21.491	228	90798	5.986	ng		99
87) Indeno(1,2,3-cd)pyrene	27.842	276	65578	3.435	ng		99
88) Benzo(b)fluoranthene	23.512	252	122478	7.762	ng	#	96
89) Benzo(k)fluoranthene	23.565	252	44965m	2.797	ng		
90) Benzo(a)pyrene	24.317	252	100177	6.825	ng	#	93
92) Benzo(g,h,i)perylene	28.905	276	66518	4.459	ng	#	93

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

Sample Results: **BG064246.D**

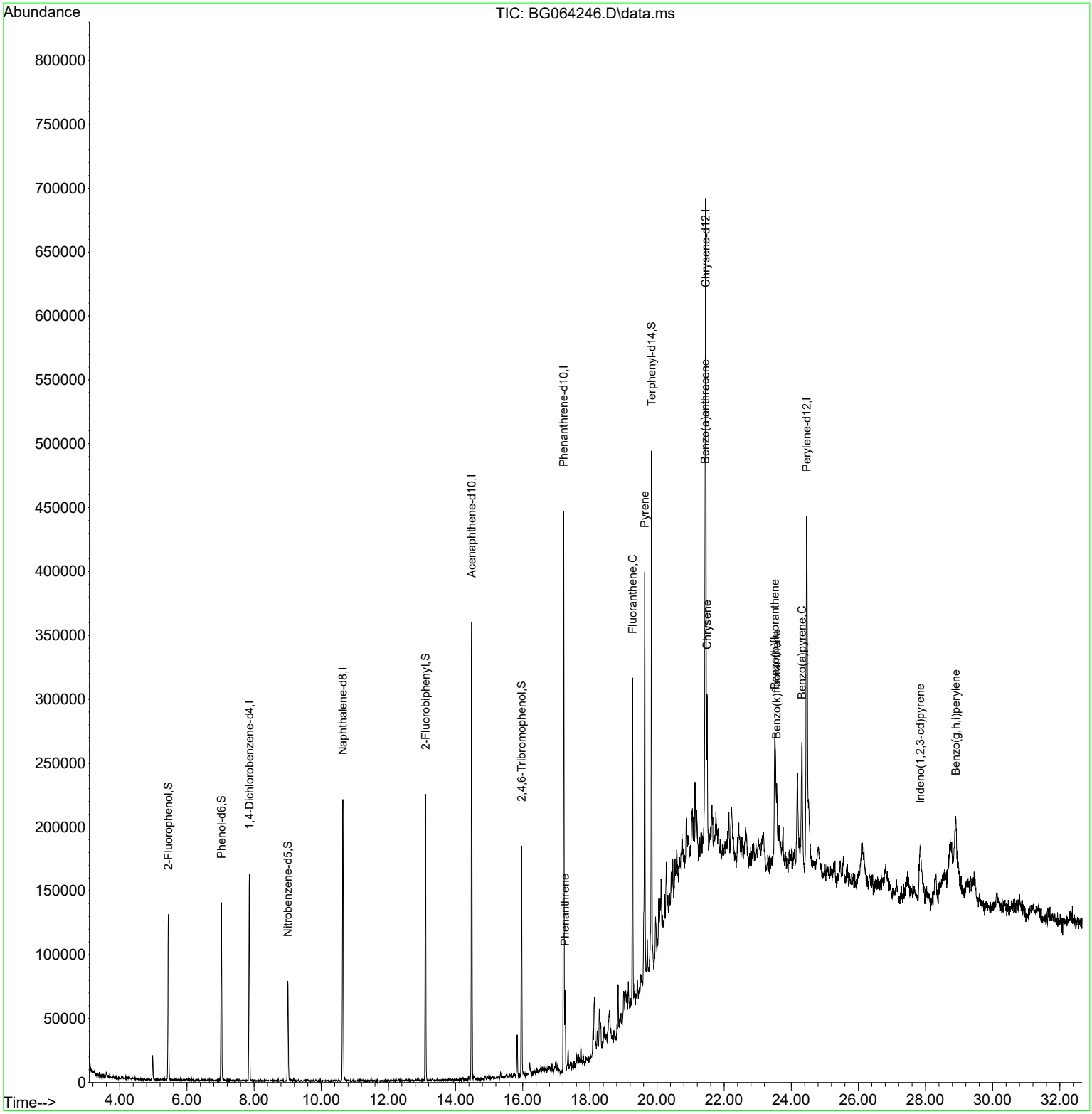
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

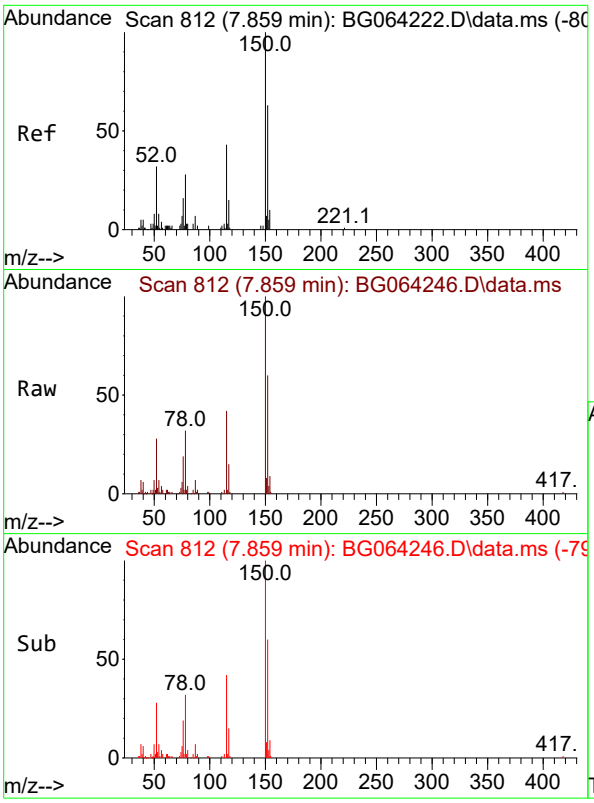
Quant Time: Sep 02 16:10:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:152 Resp: 4090

Ion	Ratio	Lower	Upper
152	100		
150	166.9	128.0	192.0
115	69.3	55.7	83.5

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
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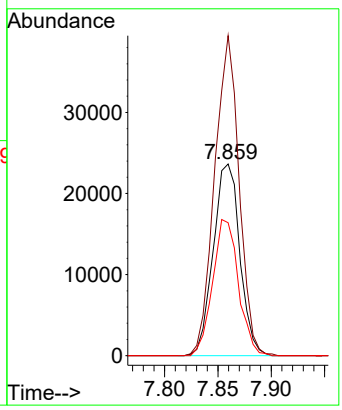
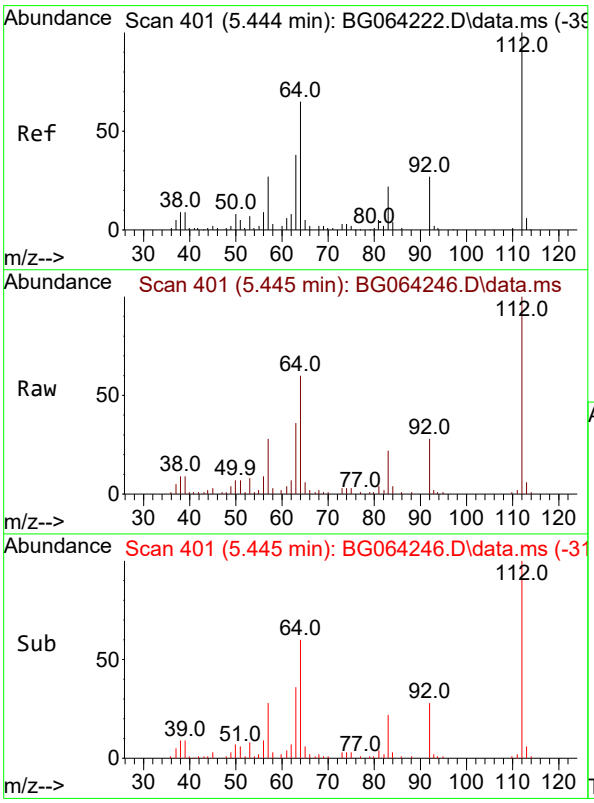
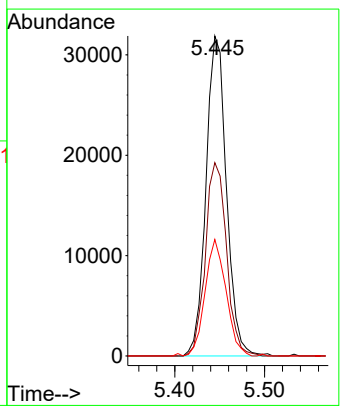


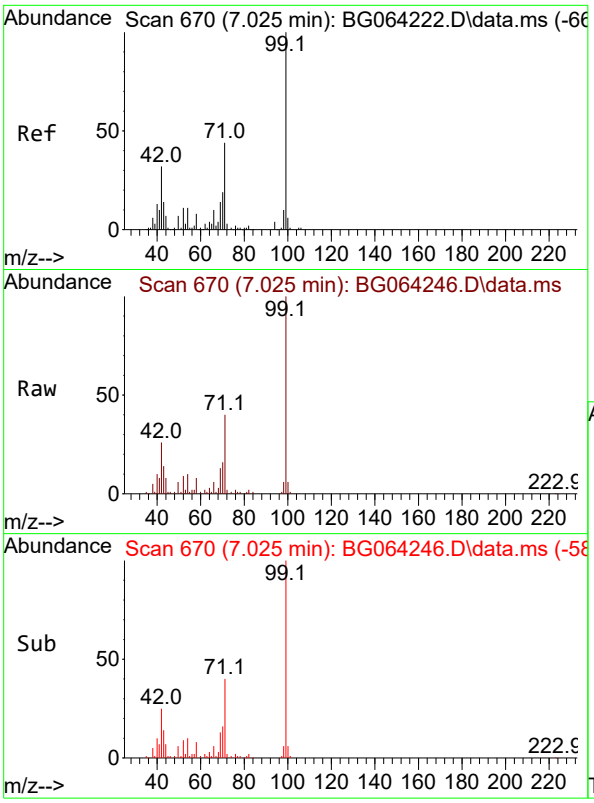


#5
2-Fluorophenol
Concen: 22.105 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:112 Resp: 50400

Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.8	77.6
63	36.4	30.6	45.8

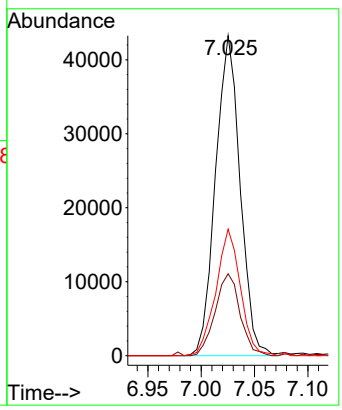




#7
Phenol-d6
Concen: 22.091 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion: 99 Resp: 6919

Ion	Ratio	Lower	Upper
99	100		
42	25.6	25.8	38.8
71	39.6	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
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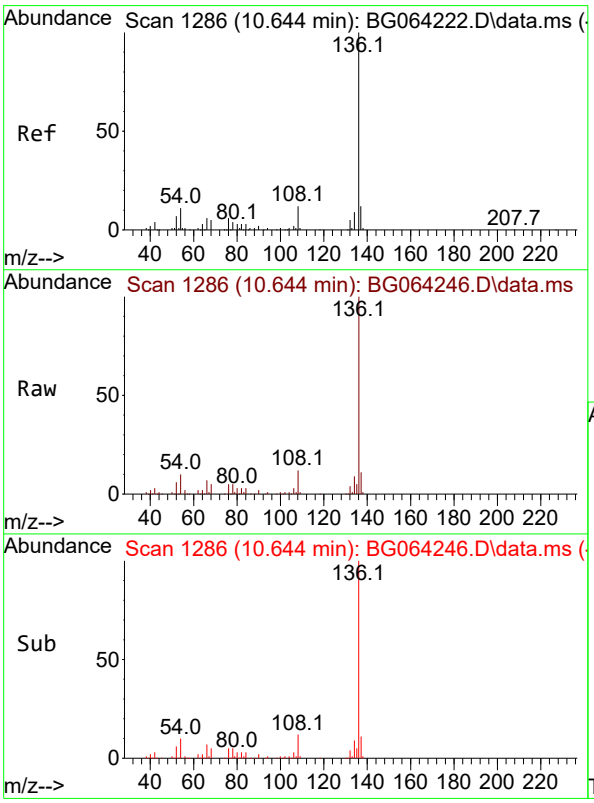
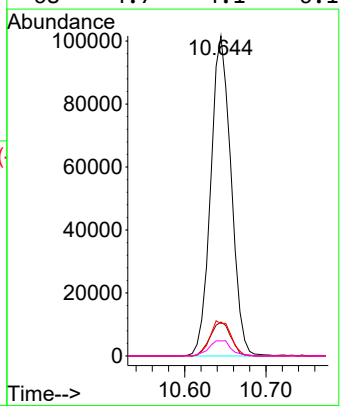
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

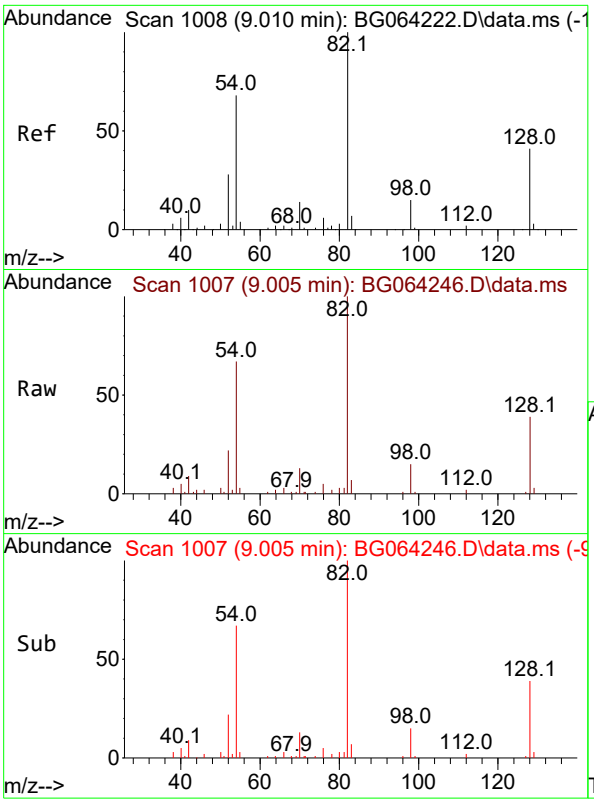


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:136 Resp: 176725

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.2	8.8	13.2
68	4.7	4.1	6.1





#23
Nitrobenzene-d5
Concen: 13.677 ng
RT: 9.005 min Scan# 1(
Delta R.T. -0.011 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion: 82 Resp: 4334

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	48.8
54	67.3	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
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Reviewed By :Rahul Chavli 09/03/2025
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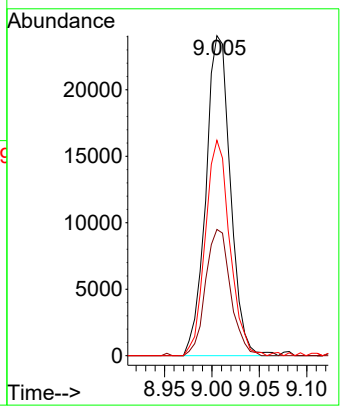
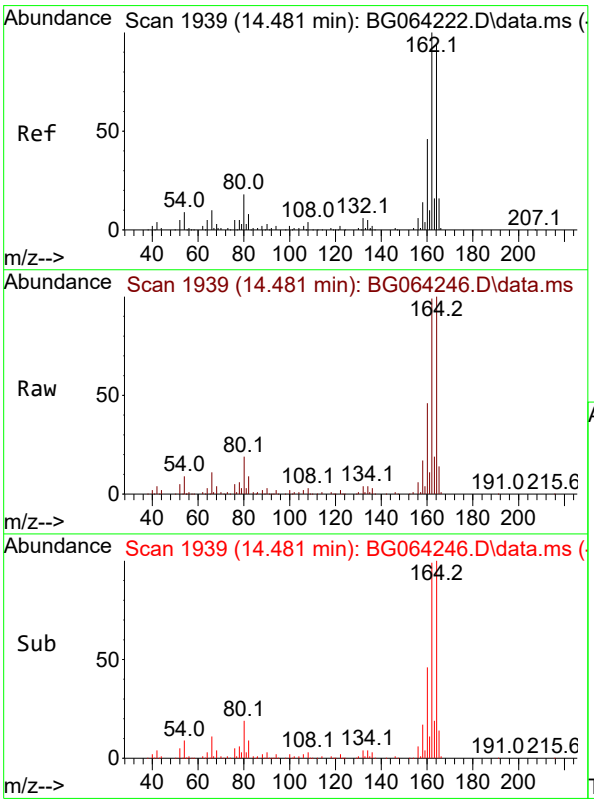
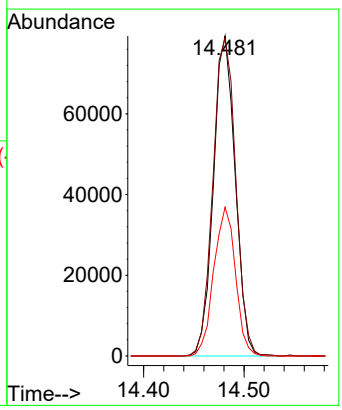


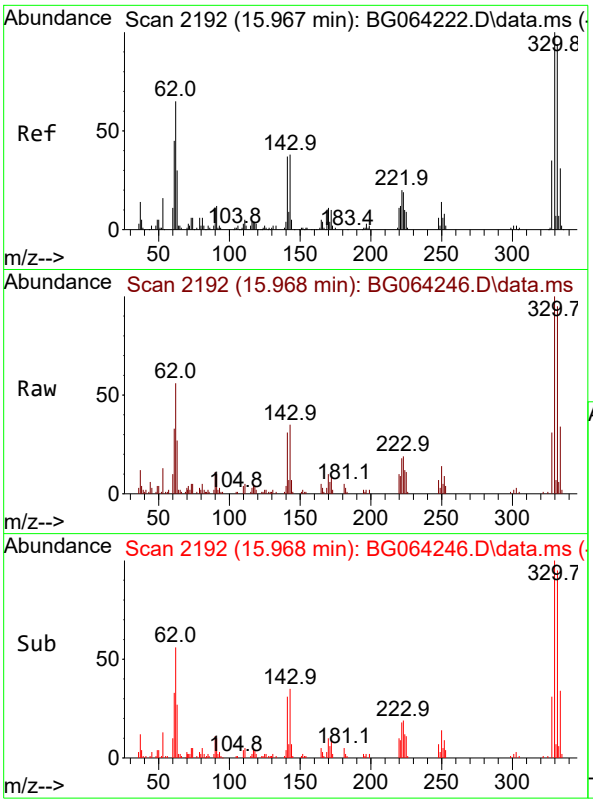


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:164 Resp: 119490

Ion	Ratio	Lower	Upper
164	100		
162	99.3	85.4	128.0
160	46.5	39.2	58.8

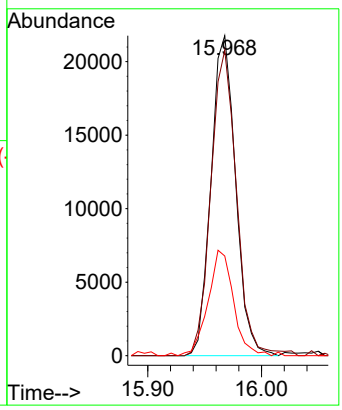




#42
2,4,6-Tribromophenol
Concen: 20.670 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:330 Resp: 3271

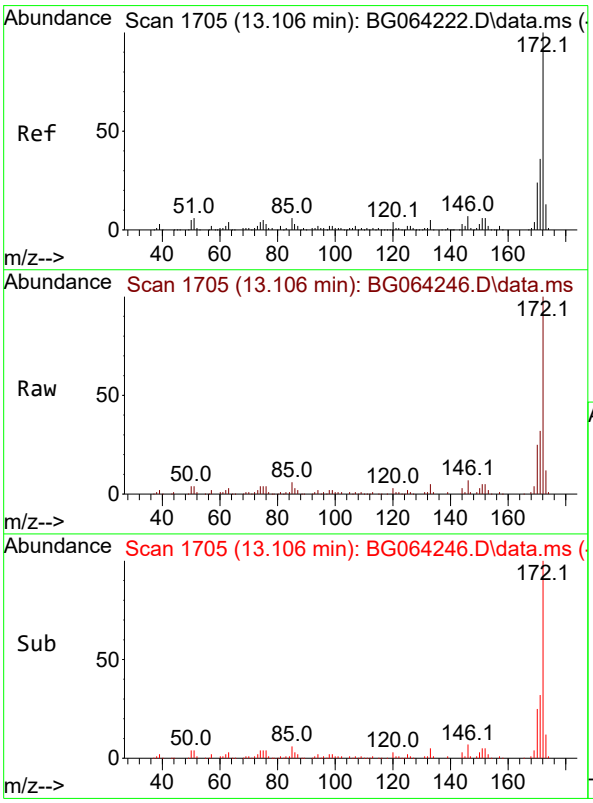
Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.6	116.4
141	34.4	29.8	44.6



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

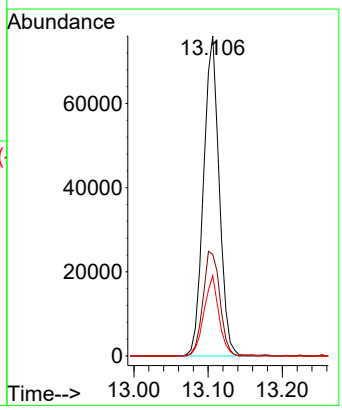
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

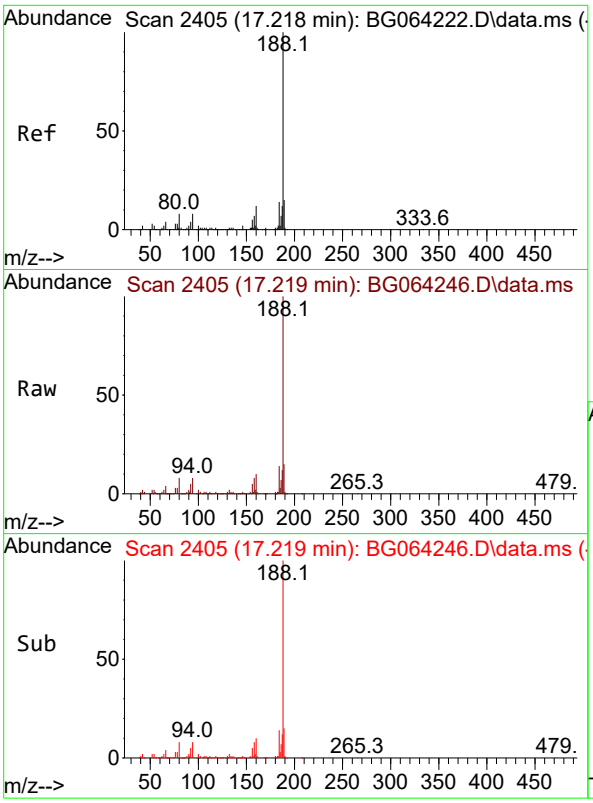


#45
2-Fluorobiphenyl
Concen: 14.249 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:172 Resp: 111548

Ion	Ratio	Lower	Upper
172	100		
171	31.8	28.7	43.1
170	25.1	19.0	28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

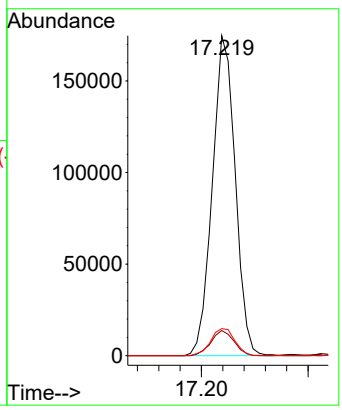
Tgt Ion:188 Resp: 26004

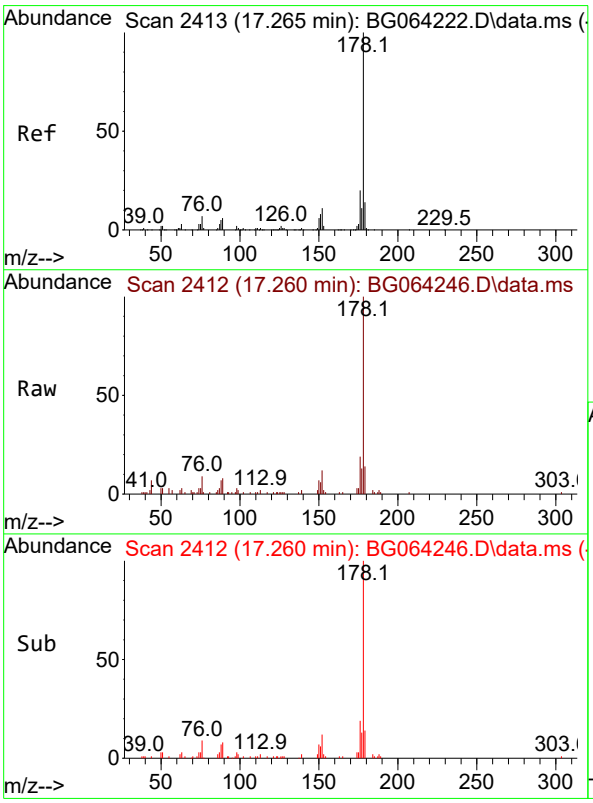
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.4
80	8.5	6.8	10.2

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

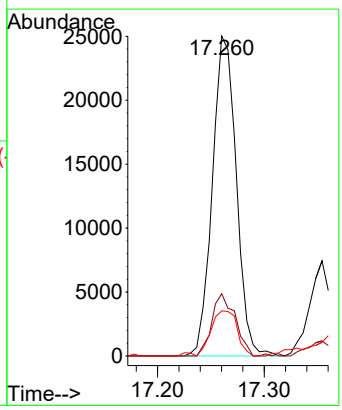


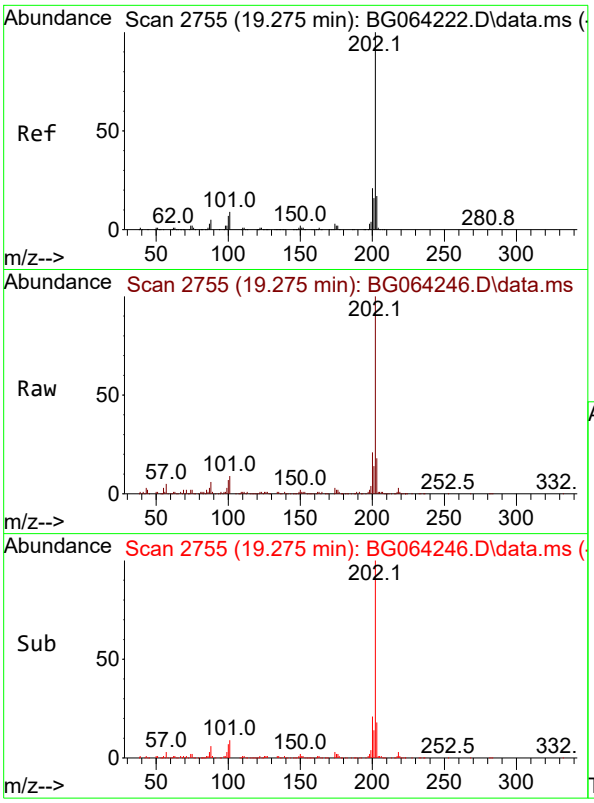


#71
Phenanthrene
Concen: 2.841 ng
RT: 17.260 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:178 Resp: 38966

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	14.1	11.4	17.2





#75
Fluoranthene
Concen: 9.598 ng
RT: 19.275 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

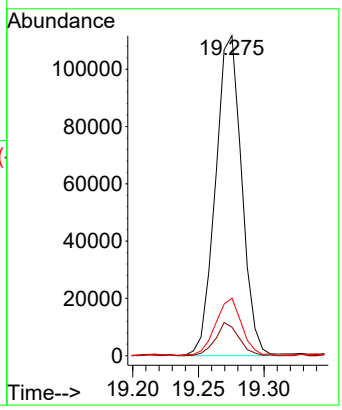
Tgt Ion:202 Resp: 15478

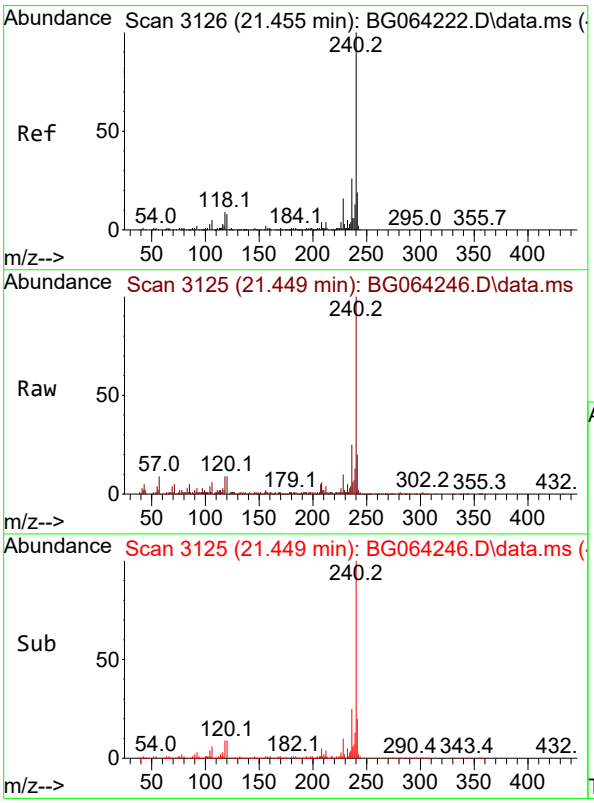
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.7
203	17.9	0.0	36.9

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

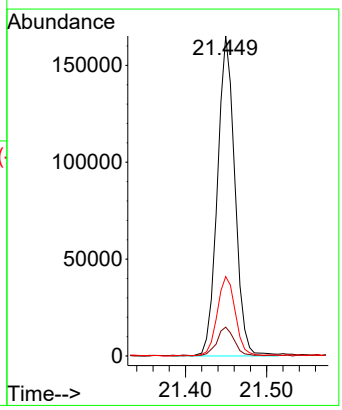


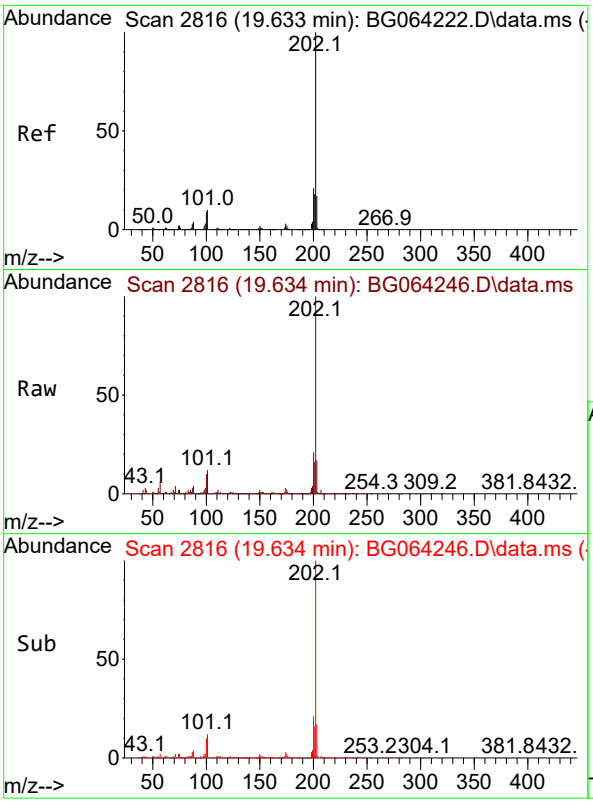


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:240 Resp: 246986

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.2	9.4
236	24.8	20.5	30.7





#78
Pyrene
Concen: 12.159 ng
RT: 19.634 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

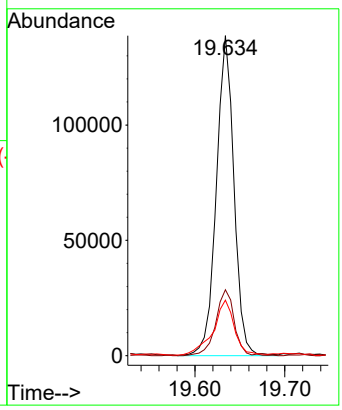
Tgt Ion:202 Resp: 18919

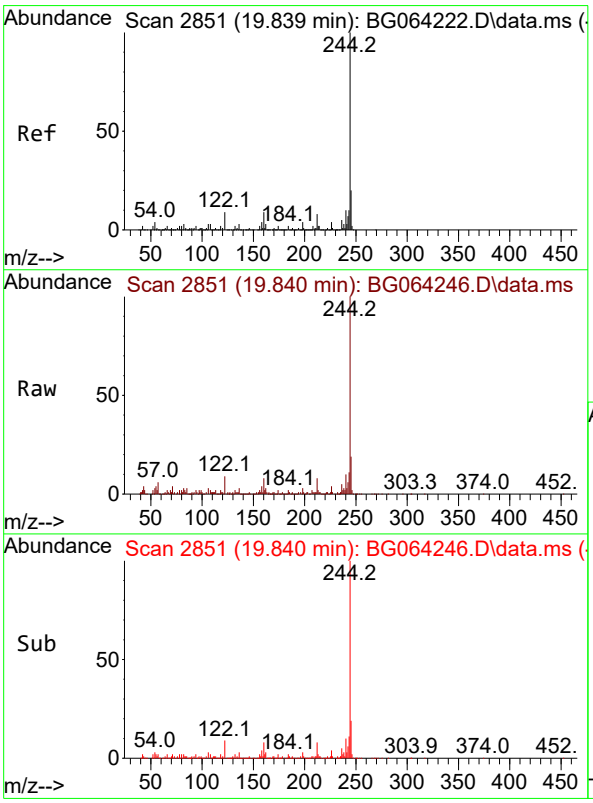
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.3	13.8	20.8

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

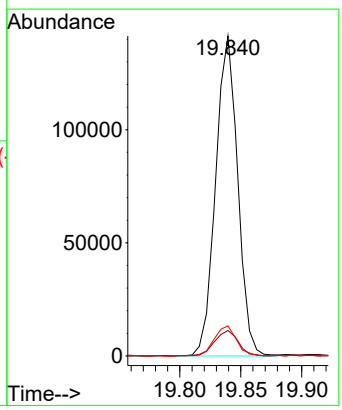


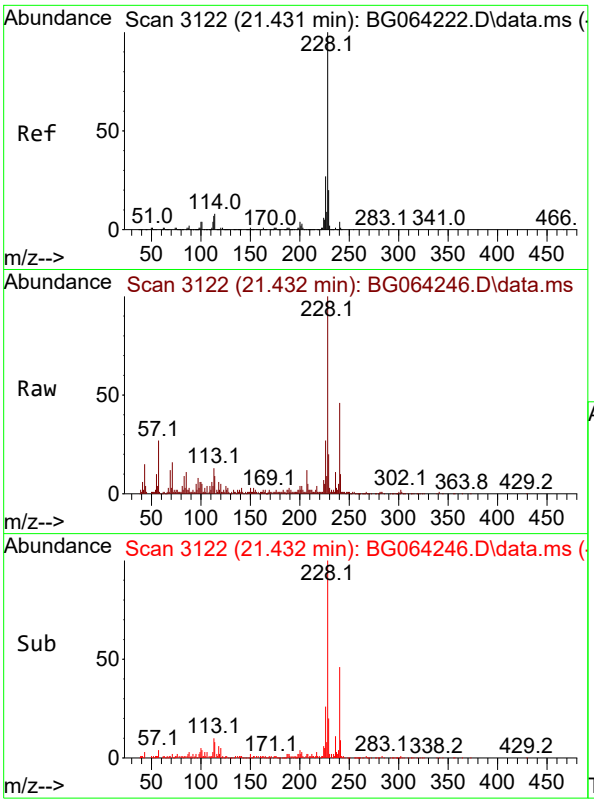


#79
Terphenyl-d14
Concen: 15.075 ng
RT: 19.840 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:244 Resp: 178457

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	9.4	7.0	10.6

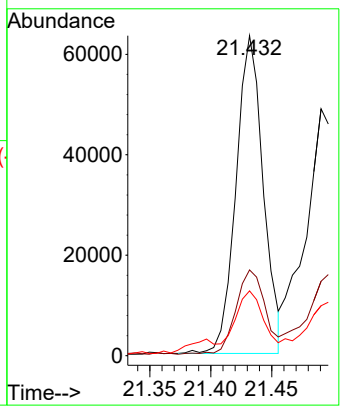




#81
Benzo(a)anthracene
Concen: 6.223 ng
RT: 21.432 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:228 Resp: 9833

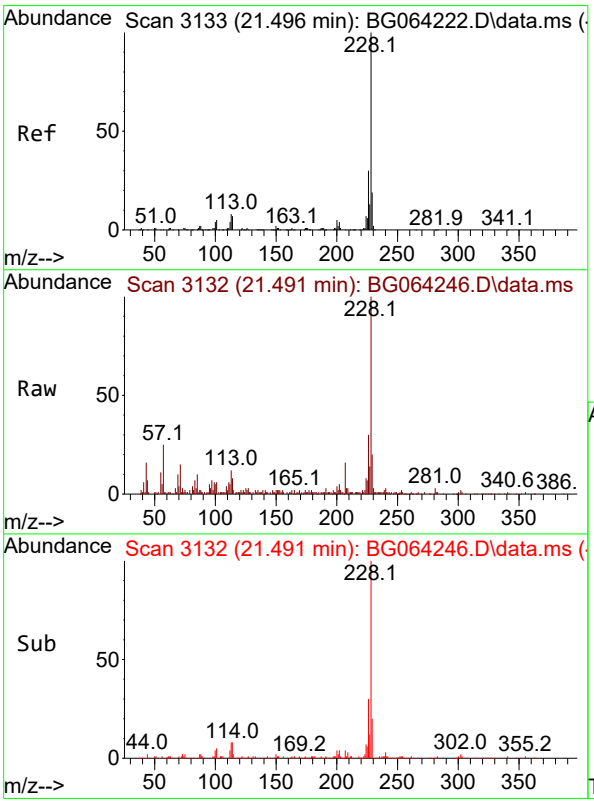
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	20.3	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

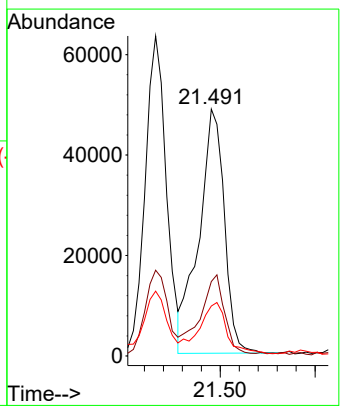
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

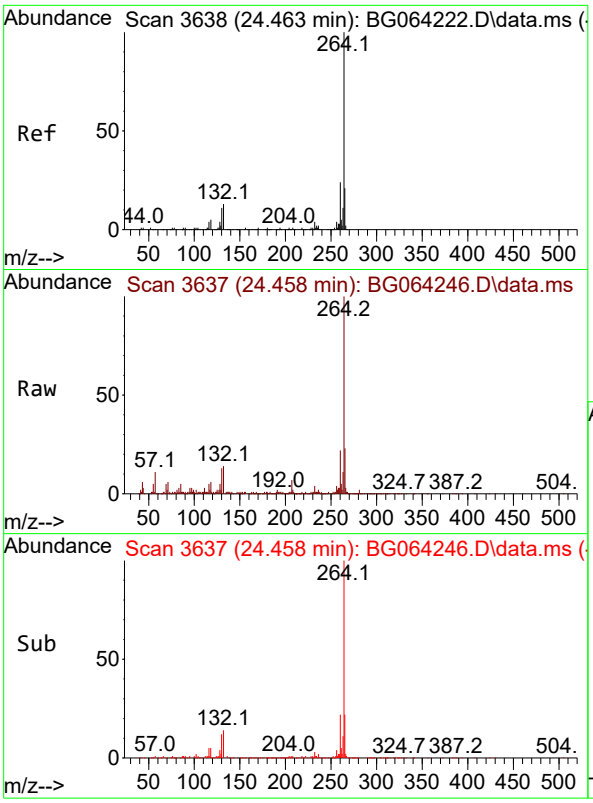


#83
Chrysene
Concen: 5.986 ng
RT: 21.491 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:228 Resp: 90798

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.2	15.4	23.2

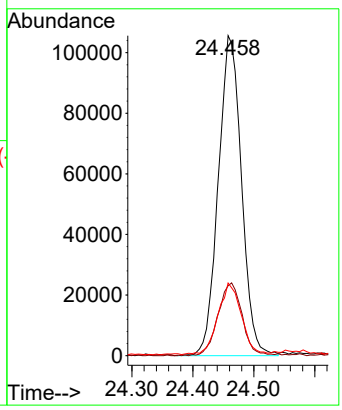




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:264 Resp: 27957

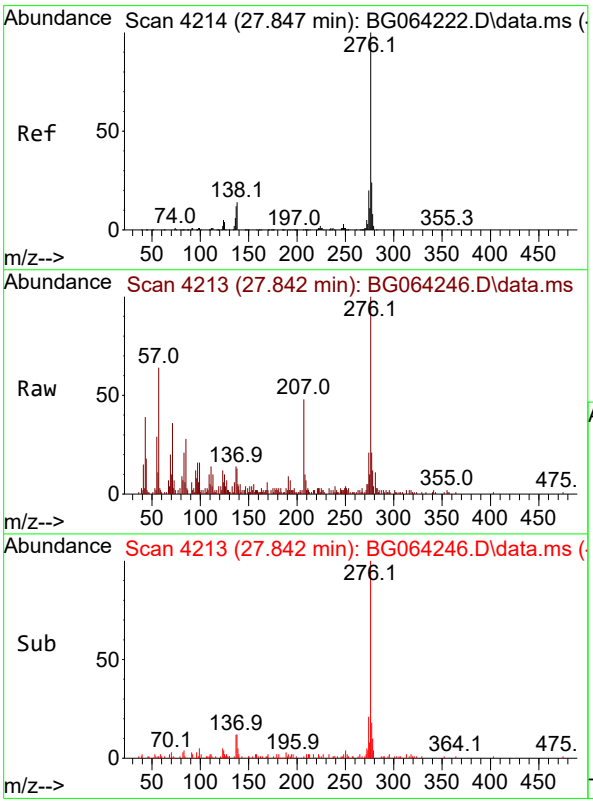
Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	22.7	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

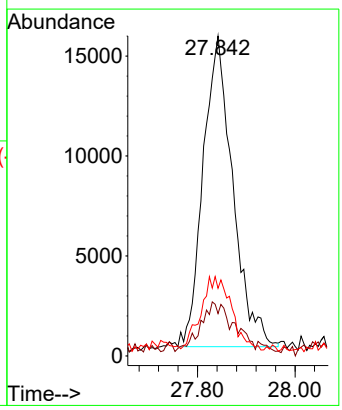
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

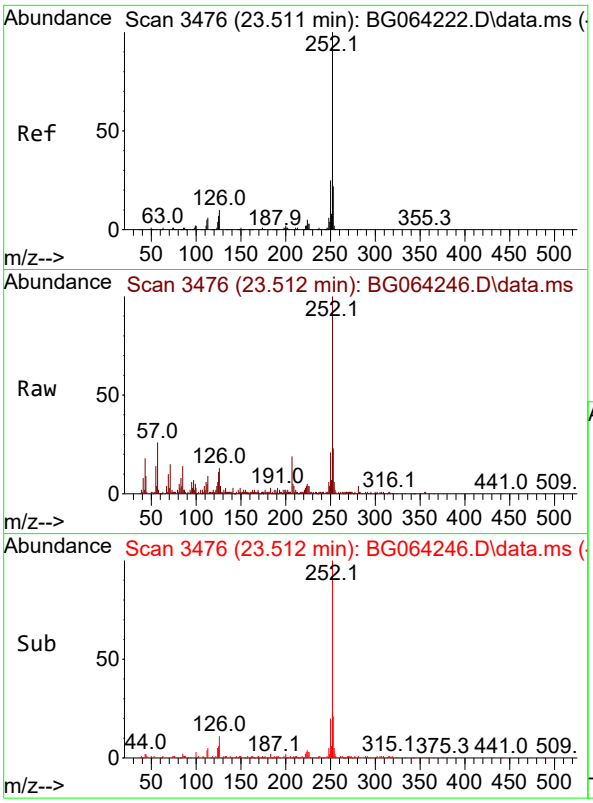


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.435 ng
RT: 27.842 min Scan# 4213
Delta R.T. -0.029 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:276 Resp: 65578

Ion	Ratio	Lower	Upper
276	100		
138	9.4	7.4	11.0
277	24.9	20.5	30.7

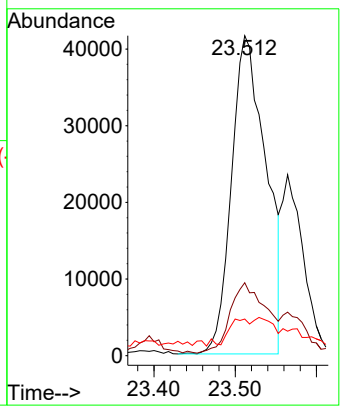




#88
Benzo(b)fluoranthene
Concen: 7.762 ng
RT: 23.512 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:252 Resp: 12247

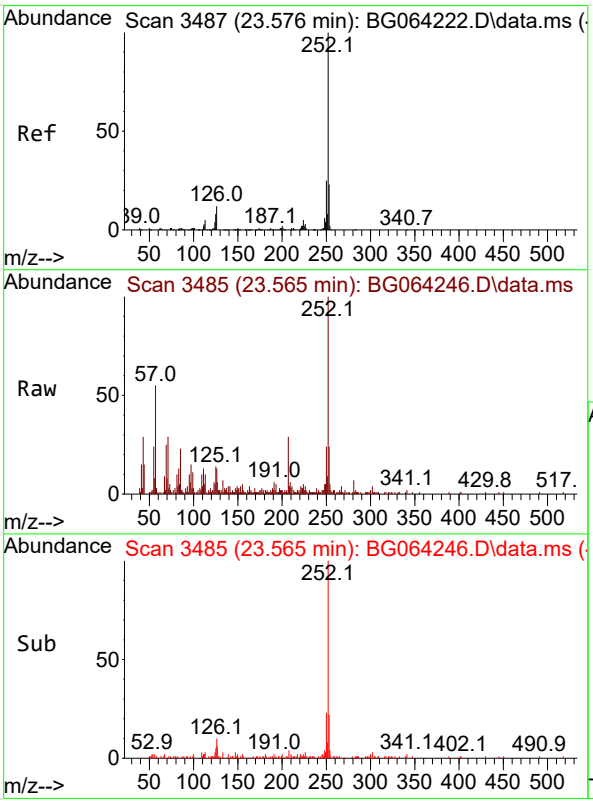
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.4	5.9	8.9#



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

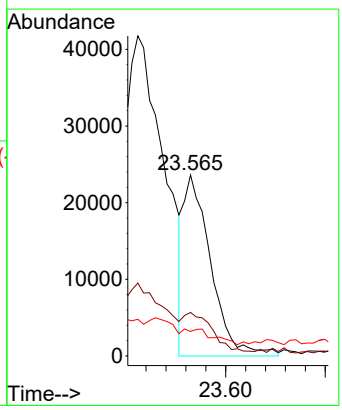
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

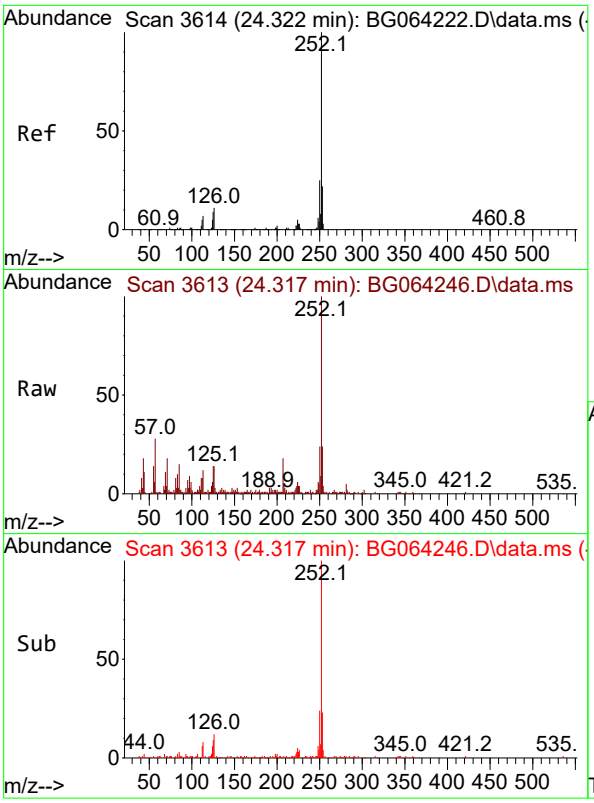


#89
Benzo(k)fluoranthene
Concen: 2.797 ng m
RT: 23.565 min Scan# 3485
Delta R.T. -0.023 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:252 Resp: 44965

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	13.6	7.0	10.4#

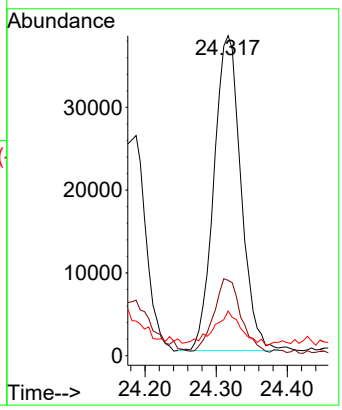




#90
Benzo(a)pyrene
Concen: 6.825 ng
RT: 24.317 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:252 Resp: 10017

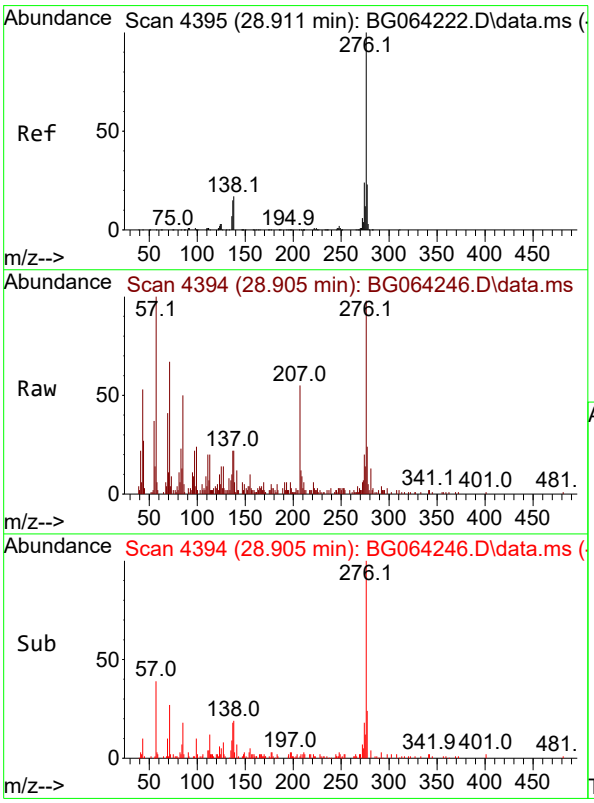
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	13.9	7.0	10.6#



Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Manual Integrations
APPROVED

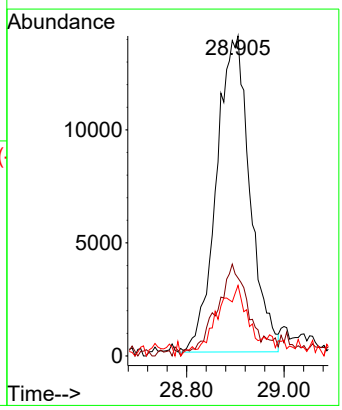
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025



#92
Benzo(g,h,i)perylene
Concen: 4.459 ng
RT: 28.905 min Scan# 4394
Delta R.T. -0.029 min
Lab File: BG064246.D
Acq: 2 Sep 2025 15:25

Tgt Ion:276 Resp: 66518

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.2	27.4
138	22.1	13.3	19.9#



Sample Results: **BG064246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

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_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.980	317	322	327	rBV2	19475	29063	3.05%	0.411%
2	5.445	395	401	409	rVB	129217	200814	21.05%	2.843%
3	7.025	663	670	678	rBV2	139567	233094	24.44%	3.300%
4	7.859	806	812	820	rVB	162299	272029	28.52%	3.851%
5	9.005	1001	1007	1018	rBV	78214	143898	15.09%	2.037%
6	10.644	1276	1286	1294	rBV	220726	393497	41.25%	5.571%
7	13.106	1697	1705	1713	rBV	224439	343856	36.05%	4.868%
8	14.481	1930	1939	1946	rBV	358848	549236	57.58%	7.776%
9	15.838	2161	2170	2175	rVB2	32867	51150	5.36%	0.724%
10	15.968	2185	2192	2199	rBV	180540	283381	29.71%	4.012%
11	16.203	2228	2232	2237	rBV5	9492	15938	1.67%	0.226%
12	17.219	2399	2405	2410	rBV2	439134	684279	71.74%	9.688%
13	17.260	2410	2412	2419	rVB	63136	86773	9.10%	1.229%
14	17.354	2419	2428	2433	rBV2	16407	33437	3.51%	0.473%
15	17.613	2467	2472	2476	rBV7	9063	16494	1.73%	0.234%
16	17.730	2489	2492	2497	rVB6	11263	17242	1.81%	0.244%
17	17.801	2500	2504	2510	rBV8	8141	13857	1.45%	0.196%
18	18.095	2550	2554	2556	rBV2	19826	26161	2.74%	0.370%
19	18.142	2556	2562	2567	rVB5	37888	85578	8.97%	1.212%
20	18.230	2573	2577	2580	rVB4	12090	17117	1.79%	0.242%
21	18.283	2582	2586	2591	rBV5	28854	60173	6.31%	0.852%
22	18.711	2657	2659	2664	rBV6	9550	15162	1.59%	0.215%
23	18.811	2671	2676	2678	rBV5	12516	18579	1.95%	0.263%
24	18.841	2678	2681	2685	rVV4	35516	48803	5.12%	0.691%
25	19.005	2707	2709	2710	rBV2	16741	13952	1.46%	0.198%
26	19.146	2729	2733	2736	rBV3	22039	28989	3.04%	0.410%
27	19.270	2749	2754	2761	rBV	256093	370967	38.89%	5.252%
28	19.634	2807	2816	2824	rBV	322998	529252	55.48%	7.493%
29	19.840	2846	2851	2862	rVB	405942	575717	60.36%	8.151%
30	20.051	2884	2887	2890	rBV3	29736	42136	4.42%	0.597%
31	21.449	3118	3125	3130	rBV2	483340	953879	100.00%	13.505%
32	21.491	3130	3132	3140	rVB	122865	188403	19.75%	2.667%
33	24.458	3630	3637	3646	rBV	265075	720370	75.52%	10.199%

Sum of corrected areas: 7063276

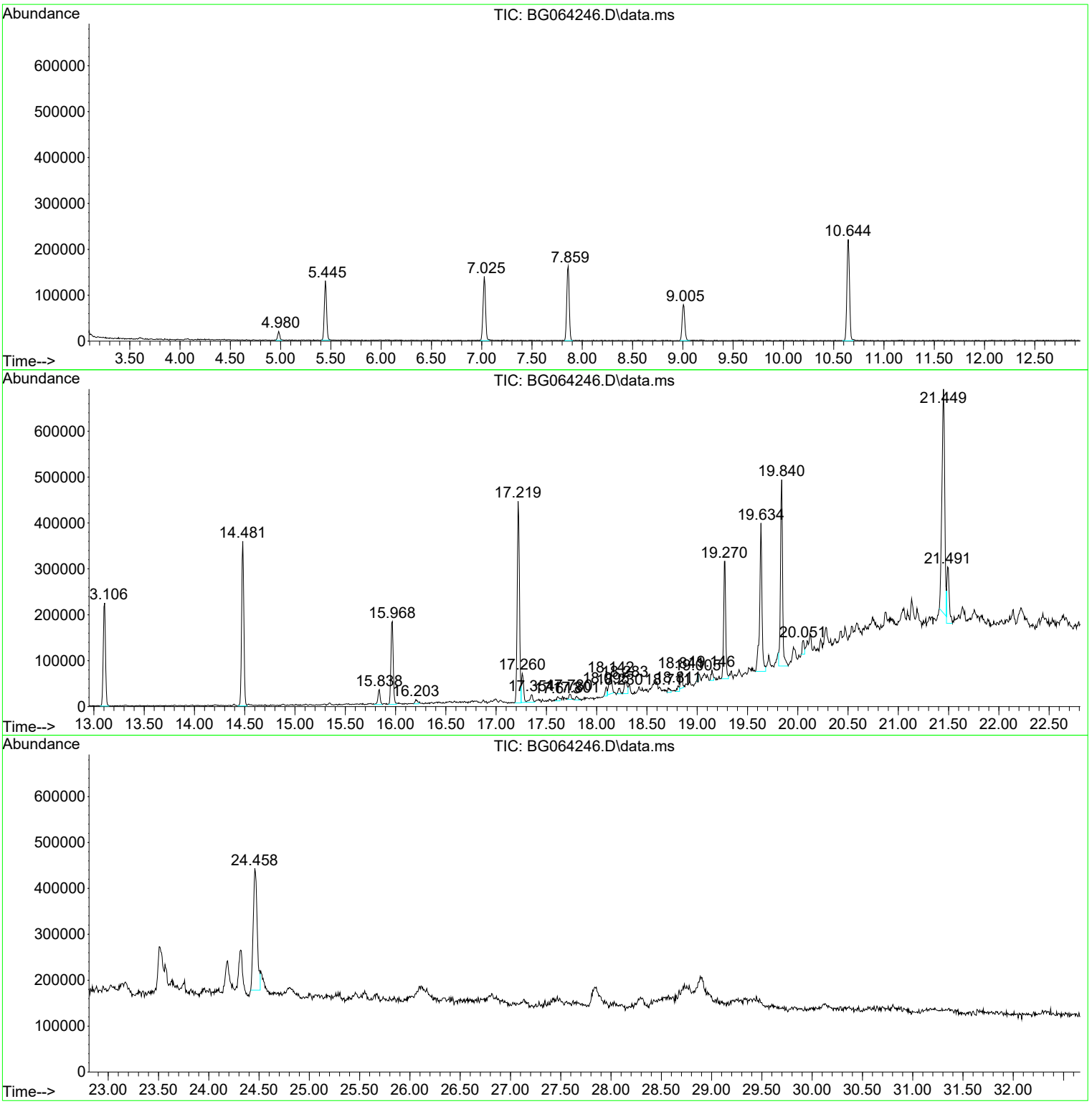
Sample Results: **BG064246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

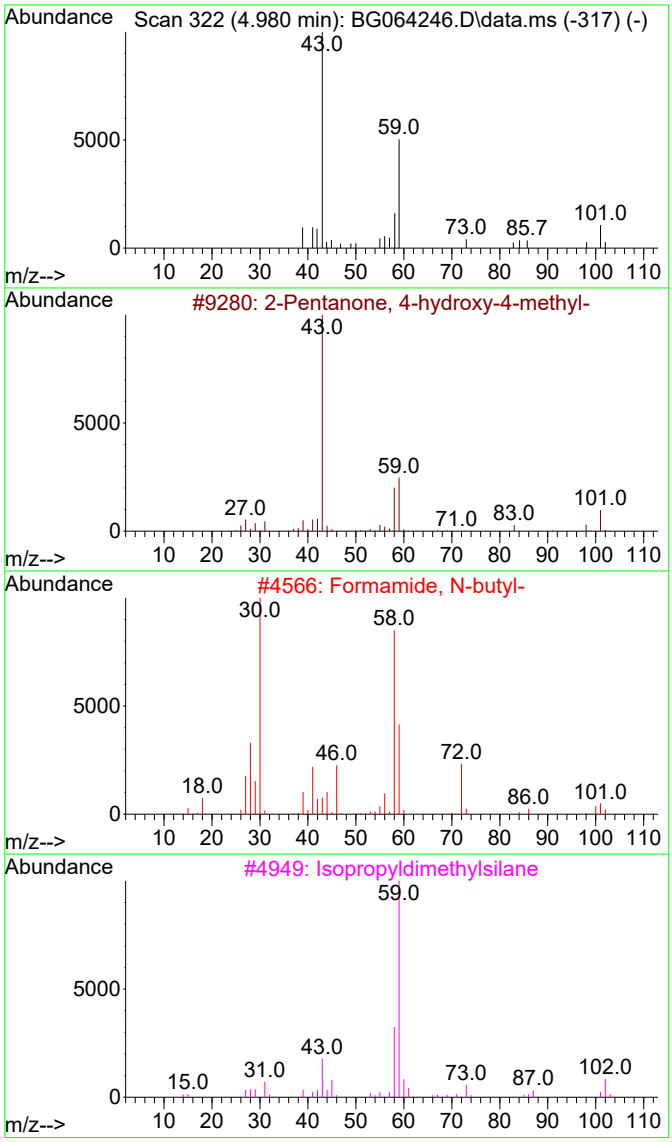
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

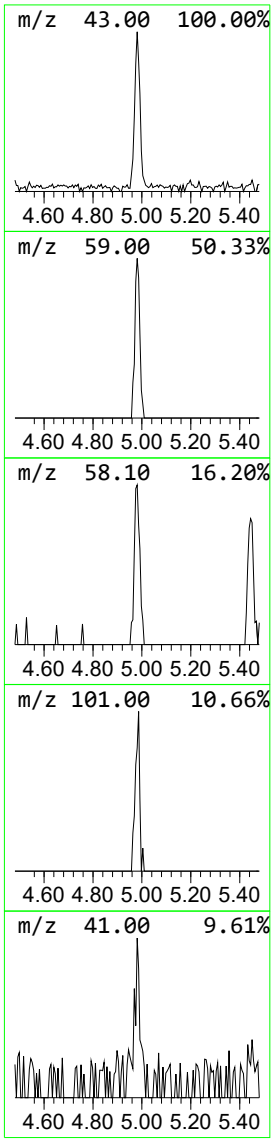
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.980	2.14 ng	29063	1,4-Dichlorobenzene-d4	7.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Formamide, N-butyl-	101	C5H11NO	000871-71-6	47
3	Isopropyldimethylsilane	102	C5H14Si	1000433-69-3	37
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

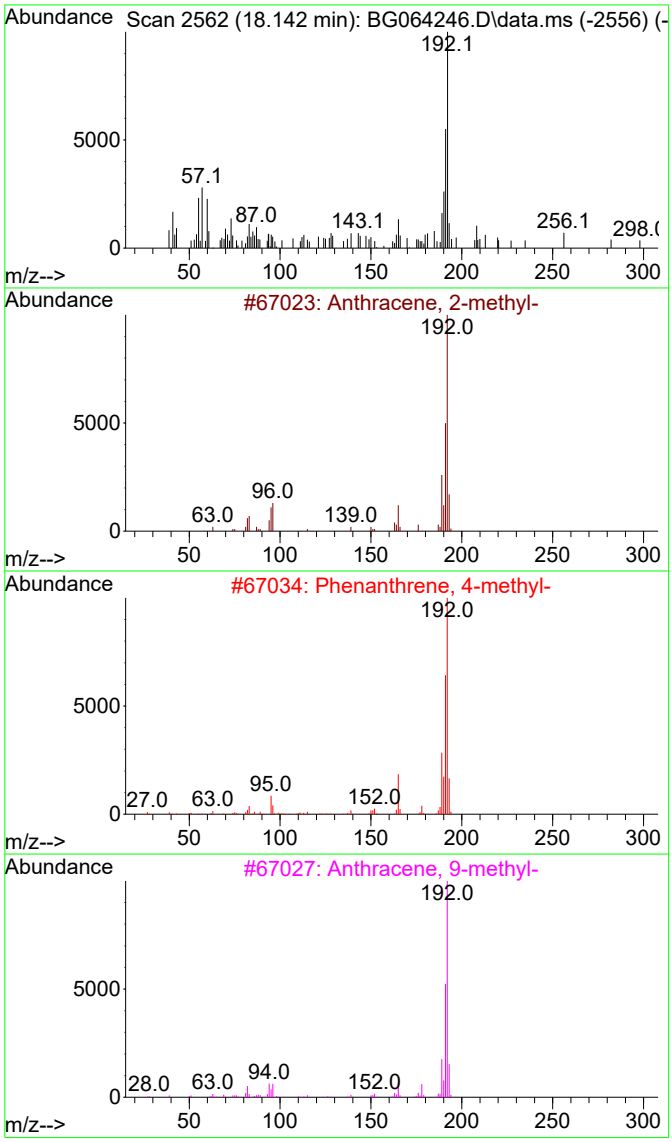
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

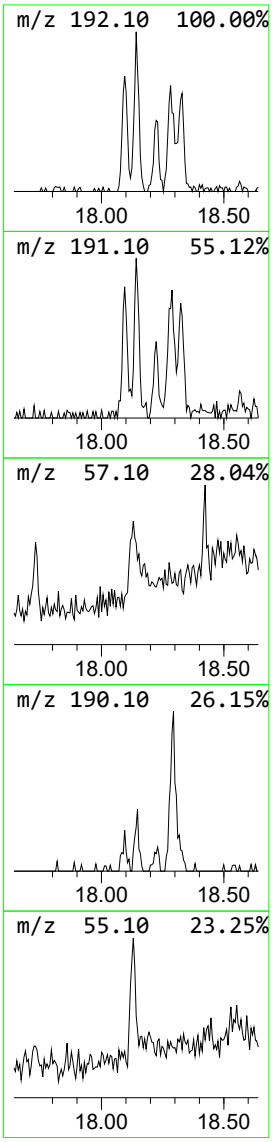
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	2.50 ng	85578	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	52
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	52





Sample Results: **BG064246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAULDING-WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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-...	4.980	2.1	ng	29063	1	7.859	272029	20.0
Anthracene, 2-m...	18.142	2.5	ng	85578	4	17.219	684279	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date(s): 08/28/2025 08/28/2025

Calibration Time(s): 10:51 16:16

LAB FILE ID: RRF2.5 = BG064218.D RRF005 = BG064219.D RRF010 = BG064220.D
RRF020 = BG064221.D RRF040 = BG064222.D RRF050 = BG064223.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.115	2.4
Benzaldehyde			1.181	1.115	1.375	1.193	1.260	11.0
Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.532	2.3
Phenol		1.590	1.627	1.750	1.669	1.739	1.689	3.7
bis(2-Chloroethyl)ether		1.232	1.263	1.323	1.281	1.255	1.269	2.2
2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.362	3.4
2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.258	4.3
2,2-oxybis(1-Chloropropane)		2.923	2.920	2.979	2.897	2.826	2.897	2.1
Acetophenone		0.533	0.485	0.522	0.502	0.496	0.506	3.4
3+4-Methylphenols			1.734	1.765	1.702	1.750	1.749	1.6
n-Nitroso-di-n-propylamine	1.008	1.162	1.160	1.239	1.203	1.211	1.172	6.2
Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.359	3.8
Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.571	1.6
Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.375	4.7
Isophorone		0.749	0.723	0.787	0.748	0.733	0.745	3.0
2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.162	9.9
2,4-Dimethylphenol		0.275	0.271	0.300	0.297	0.276	0.284	4.0
bis(2-Chloroethoxy)methane		0.396	0.401	0.417	0.414	0.390	0.402	2.6
2,4-Dichlorophenol		0.289	0.278	0.319	0.310	0.299	0.300	4.7
Naphthalene		1.104	1.012	1.077	1.036	1.004	1.037	4.0
4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.402	5.1
Hexachlorobutadiene		0.242	0.236	0.236	0.237	0.224	0.234	2.9
Caprolactam			0.108	0.129	0.123	0.112	0.116	7.1
4-Chloro-3-methylphenol		0.380	0.382	0.402	0.395	0.386	0.389	2.2
2-Methylnaphthalene		0.768	0.748	0.831	0.788	0.757	0.771	4.1
Hexachlorocyclopentadiene			0.221	0.256	0.275	0.290	0.274	11.6
2,4,6-Trichlorophenol		0.364	0.362	0.400	0.396	0.384	0.386	4.2
2-Fluorobiphenyl		1.364	1.286	1.358	1.328	1.288	1.310	3.3
2,4,5-Trichlorophenol		0.387	0.386	0.437	0.433	0.426	0.418	5.3
1,1-Biphenyl		1.459	1.412	1.488	1.494	1.449	1.457	2.1
2-Chloronaphthalene		1.090	1.059	1.113	1.113	1.096	1.095	1.9
2-Nitroaniline		0.303	0.329	0.372	0.410	0.394	0.373	11.1
Dimethylphthalate		1.672	1.476	1.569	1.555	1.462	1.514	5.9
Acenaphthylene		1.656	1.528	1.675	1.675	1.607	1.619	3.4

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date(s): 08/28/2025 08/28/2025

Calibration Time(s): 10:51 16:16

LAB FILE ID: RRF2.5 = BG064218.D RRF005 = BG064219.D RRF010 = BG064220.D
RRF020 = BG064221.D RRF040 = BG064222.D RRF050 = BG064223.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.238	0.269	0.301	0.322	0.300	0.293	10.0
3-Nitroaniline		0.275	0.279	0.316	0.331	0.314	0.307	6.9
Acenaphthene		1.169	1.120	1.175	1.178	1.129	1.142	2.8
2,4-Dinitrophenol			0.096	0.137	0.178	0.184	0.163	23.3
4-Nitrophenol			0.199	0.250	0.286	0.258	0.252	11.5
Dibenzofuran		1.913	1.756	1.840	1.833	1.762	1.797	3.7
2,4-Dinitrotoluene		0.396	0.398	0.462	0.484	0.450	0.443	7.6
Diethylphthalate		1.830	1.577	1.665	1.688	1.536	1.620	7.1
4-Chlorophenyl-phenylether		0.781	0.717	0.759	0.755	0.720	0.734	4.2
Fluorene		1.567	1.478	1.549	1.529	1.416	1.473	5.3
4-Nitroaniline		0.267	0.275	0.311	0.351	0.332	0.313	9.9
4,6-Dinitro-2-methylphenol			0.085	0.107	0.118	0.121	0.115	14.4
n-Nitrosodiphenylamine		0.553	0.518	0.571	0.562	0.542	0.550	3.2
2,4,6-Tribromophenol		0.281	0.256	0.271	0.276	0.261	0.265	4.2
4-Bromophenyl-phenylether		0.195	0.213	0.218	0.215	0.212	0.212	3.8
Hexachlorobenzene		0.241	0.232	0.244	0.226	0.231	0.236	2.8
Atrazine		0.240	0.230	0.231	0.240	0.224	0.230	3.4
Pentachlorophenol			0.110	0.135	0.153	0.148	0.143	12.6
Phenanthrene		1.103	1.032	1.090	1.084	1.020	1.055	3.4
Anthracene		1.124	1.053	1.092	1.111	1.033	1.073	3.5
Carbazole		0.986	0.908	0.960	1.002	0.917	0.945	4.0
Di-n-butylphthalate		1.196	1.089	1.146	1.211	1.096	1.136	4.5
Fluoranthene		1.340	1.211	1.269	1.304	1.178	1.240	5.2
Pyrene		1.292	1.236	1.286	1.303	1.216	1.260	2.9
Terphenyl-d14		1.009	0.974	1.002	0.981	0.918	0.959	4.7
Butylbenzylphthalate		0.449	0.440	0.492	0.494	0.474	0.475	4.7
3,3-Dichlorobenzidine			0.401	0.440	0.429	0.410	0.417	3.7
Benzo(a)anthracene		1.323	1.238	1.312	1.296	1.248	1.280	2.7
Chrysene		1.277	1.197	1.254	1.248	1.204	1.228	2.7
Bis(2-ethylhexyl)phthalate		0.713	0.681	0.719	0.732	0.713	0.714	2.5
Di-n-octyl phthalate			1.160	1.266	1.263	1.228	1.243	3.9
Benzo(b)fluoranthene		1.079	1.081	1.145	1.176	1.104	1.129	3.6
Benzo(k)fluoranthene		1.161	1.127	1.178	1.141	1.131	1.150	1.9
Benzo(a)pyrene		1.019	0.978	1.076	1.084	1.047	1.050	3.8
Indeno(1,2,3-cd)pyrene		1.314	1.302	1.384	1.399	1.348	1.366	3.4

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date(s): 08/28/2025 08/28/2025

Calibration Time(s): 10:51 16:16

LAB FILE ID: RRF2.5 = BG064218.D RRF005 = BG064219.D RRF010 = BG064220.D
RRF020 = BG064221.D RRF040 = BG064222.D RRF050 = BG064223.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.044	1.032	1.114	1.135	1.087	1.097	4.0
Benzo(g,h,i)perylene		1.067	1.029	1.070	1.083	1.042	1.067	2.3
1,2,4,5-Tetrachlorobenzene		0.554	0.556	0.597	0.582	0.582	0.577	2.9
1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.465	14.0
2,3,4,6-Tetrachlorophenol		0.392	0.378	0.419	0.419	0.413	0.402	3.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG0642
25.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04
3)		Pyridine		1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09
4)		n-Nitrosodimet...			0.889	0.914	0.922	0.896	0.916	0.892	0.905	1.57
5)	S	2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36
6)		Aniline		2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90
7)	S	Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26
8)		2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44
9)		Benzaldehyde			1.181	1.115	1.375	1.193	1.439		1.260	11.00
10)	C	Phenol		1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71
11)		bis(2-Chloroet...		1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22
12)		1,3-Dichlorobe...		1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83
13)	C	1,4-Dichlorobe...		1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91
14)		1,2-Dichlorobe...		1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38
15)		Benzyl Alcohol			1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06
16)		2,2'-oxybis(1-...		2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14
17)		2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28
18)		Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57
19)	P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)		3+4-Methylphenols			1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42
23)	S	Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82
24)		Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71
25)		Isophorone		0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97
26)	C	2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86
27)		2,4-Dimethylph...		0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03
28)		bis(2-Chloroet...		0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63
29)	C	2,4-Dichloroph...		0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70
30)		1,2,4-Trichlor...		0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42
31)		Naphthalene		1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01
32)		Benzoic acid			0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35
33)		4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08
34)	C	Hexachlorobuta...		0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93
35)		Caprolactam			0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13
36)	C	4-Chloro-3-met...		0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16
37)		2-Methylnaphth...		0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10
38)		1-Methylnaphth...		0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72

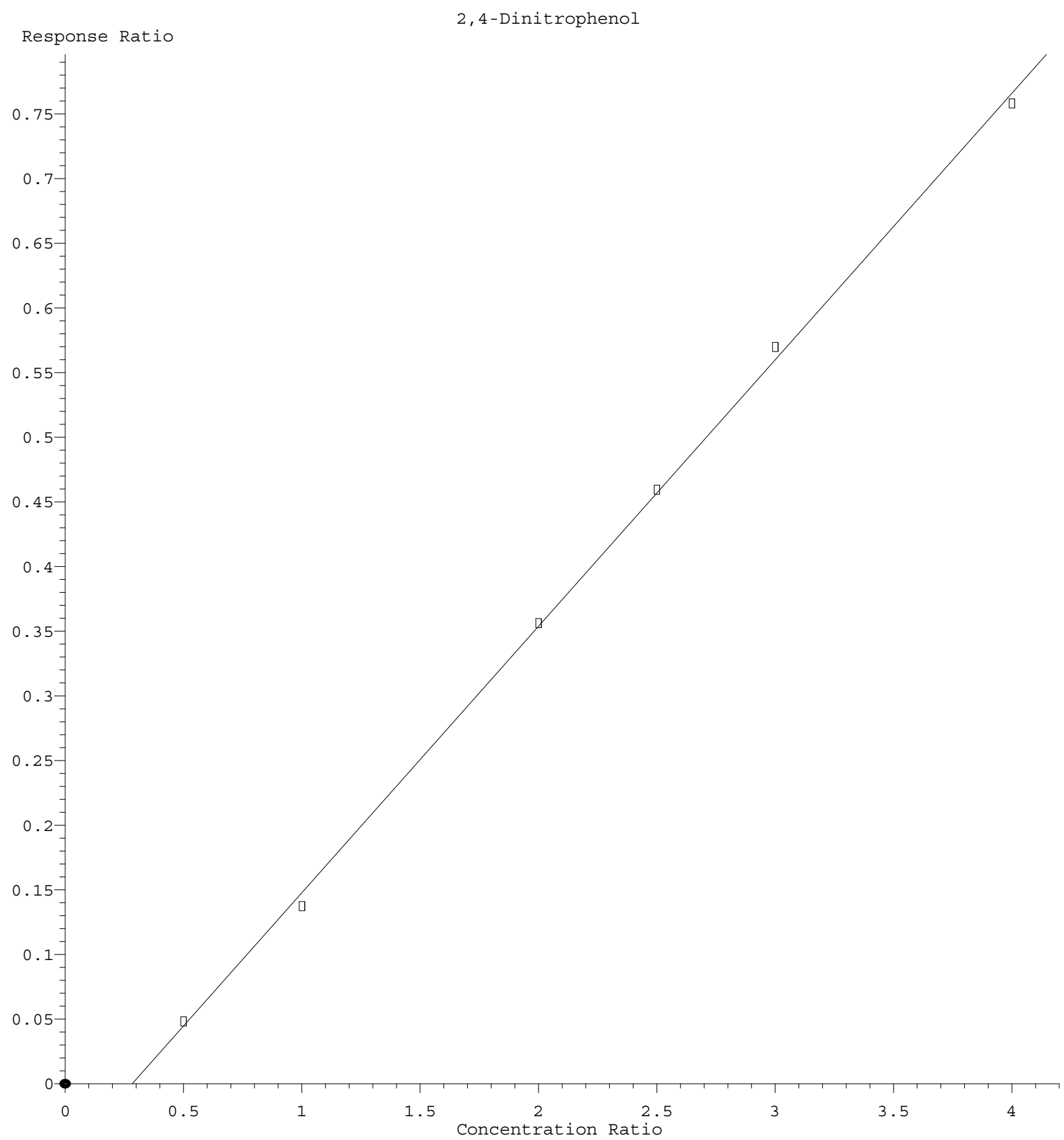
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86
41)	P	Hexachlorocycl...		0.221	0.256	0.275	0.290	0.307	0.296	0.274	11.55
42)	S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21
43)	C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23
44)		2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33
45)	S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27
46)		1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13
47)		2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94
48)		2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15
49)		Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36
50)		Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90
51)		2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00
52)	C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77
53)		3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93
54)	P	2,4-Dinitrophenol		0.096	0.137	0.178	0.184	0.190	0.190	0.163	23.29
55)		Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73
56)	P	4-Nitrophenol		0.199	0.250	0.286	0.258	0.255	0.263	0.252	11.50
57)		2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55
58)		Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30
59)		2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91
60)		Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06
61)		4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21
62)		4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93
63)		Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.107	0.118	0.121	0.129	0.128	0.115	14.38
66)	c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23
67)		4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78
68)		Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82
69)		Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42
70)	C	Pentachlorophenol		0.110	0.135	0.153	0.148	0.156	0.157	0.143	12.65
71)		Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45
72)		Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48
73)		Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01
74)		Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47
75)	C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.454	0.525	0.445	0.385	0.357	0.358	0.421	15.74
78)		Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88
79)	S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70
80)		Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72
81)		Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75
82)		3,3'-Dichlorob...		0.401	0.440	0.429	0.410	0.416	0.404	0.417	3.65
83)		Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67
84)		Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52
85)	c	Di-n-octyl pht...		1.160	1.266	1.263	1.228	1.303	1.239	1.243	3.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37
88)		Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56
89)		Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86
90)	C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83
91)		Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01
92)		Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32

(#) = Out of Range



Response = 2.060e-001 * Amt - 5.822e-002
Coef of Det (r^2) = 0.999123 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG082825.M
Calibration Table Last Updated: Thu Aug 28 17:41:58 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23937	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	108069	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	80336	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	205650	20.000	ng	0.00
76) Chrysene-d12	21.450	240	221496	20.000	ng	0.00
86) Perylene-d12	24.453	264	230662	20.000	ng	-0.01
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...	8.654	70	3017	2.151	ng	# 73

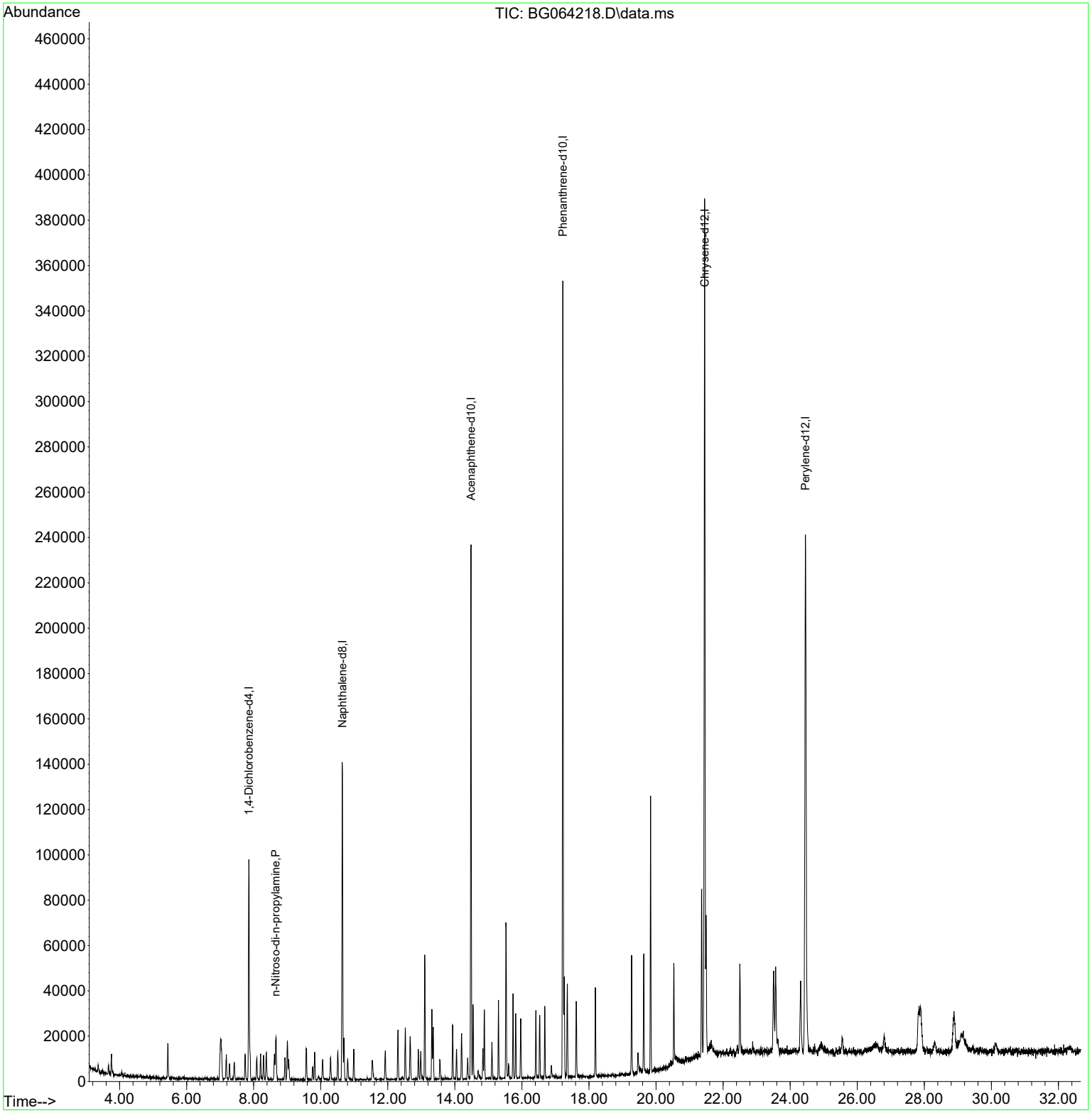
(#) = qualifier out of range (m) = manual integration (+) = signals summed

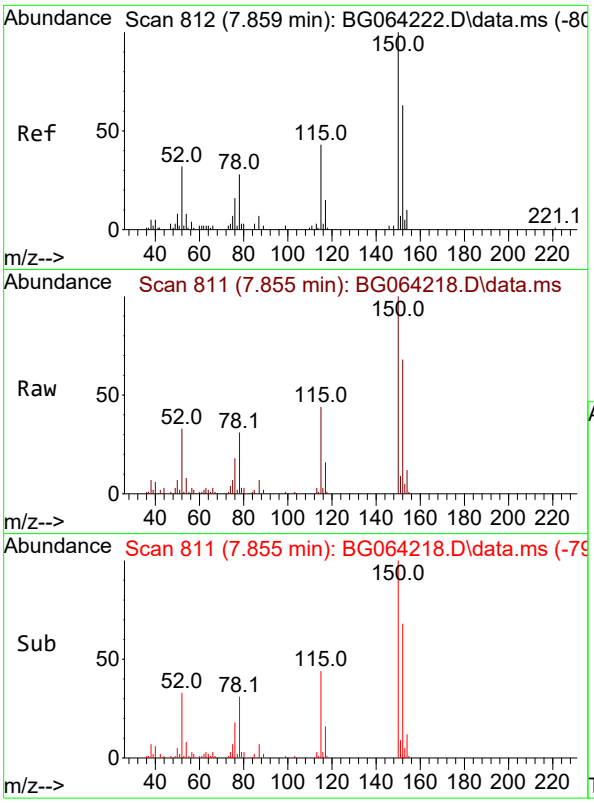
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



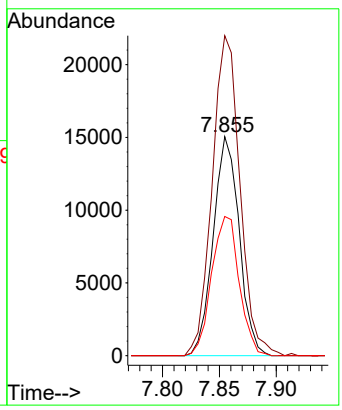


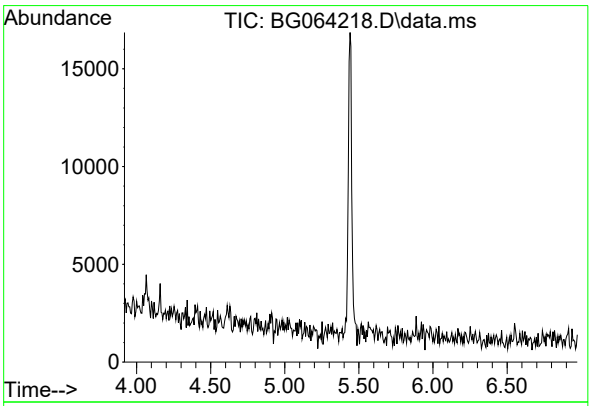
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 23937

Ion	Ratio	Lower	Upper
152	100		
150	146.1	128.0	192.0
115	63.6	55.7	83.5



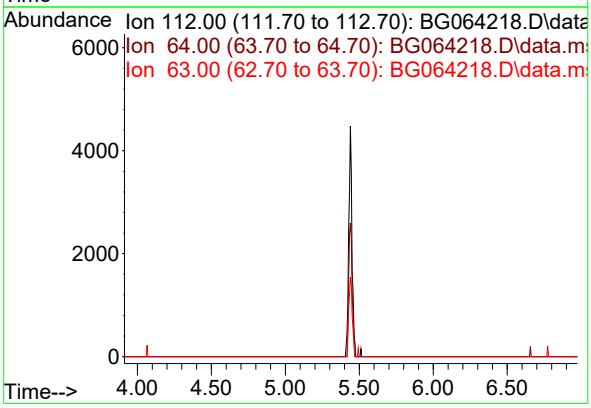


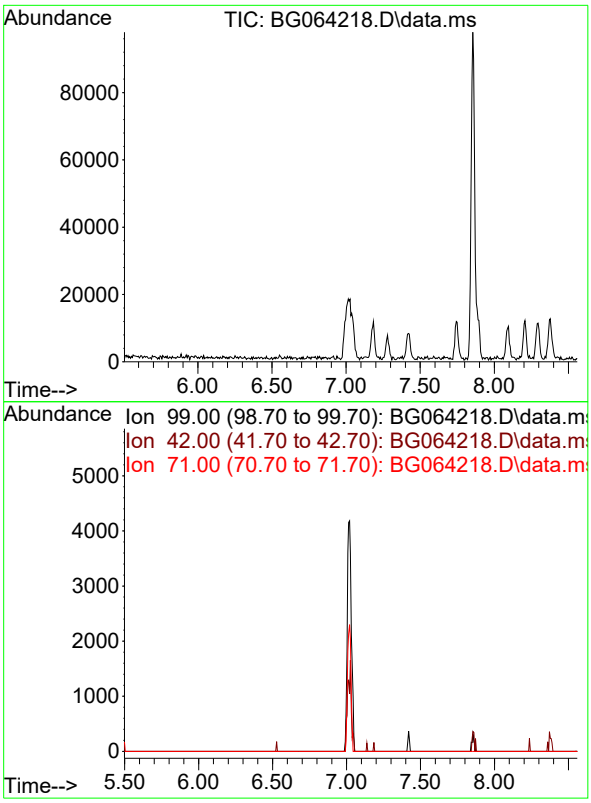
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	64.7
63	38.2





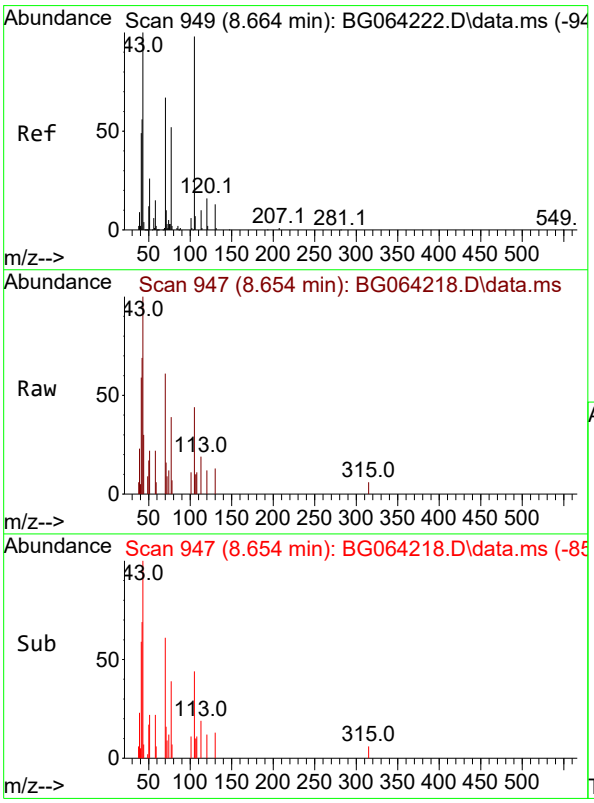
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.03 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

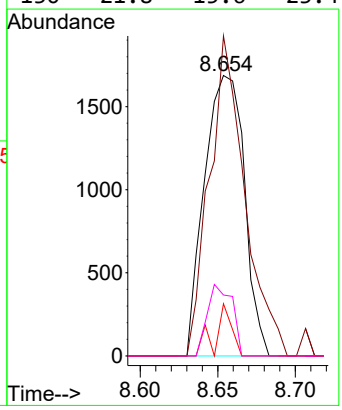
Sig	Exp Ratio
99	100
42	32.3
71	44.0

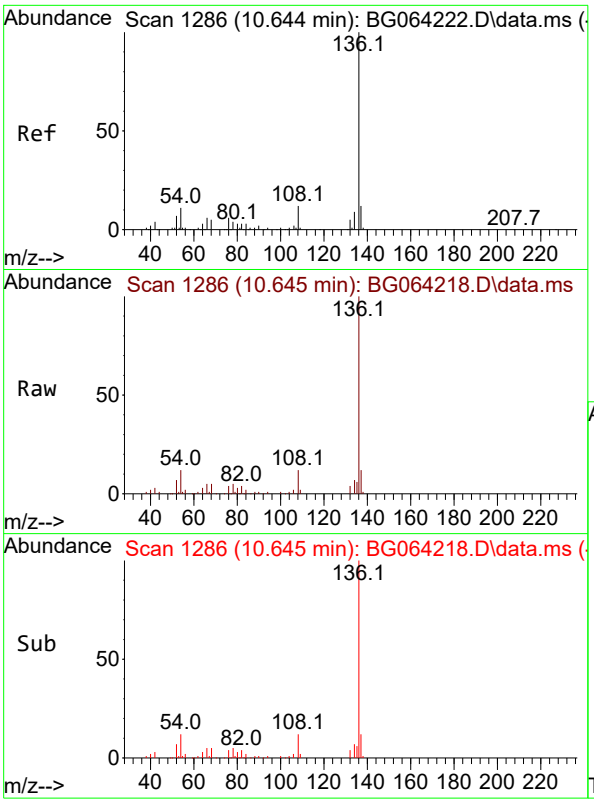


#19
n-Nitroso-di-n-propylamine
Concen: 2.151 ng
RT: 8.654 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 70 Resp: 3017

Ion	Ratio	Lower	Upper
70	100		
42	114.1	67.9	101.9#
101	18.6	7.3	10.9#
130	21.8	15.6	23.4



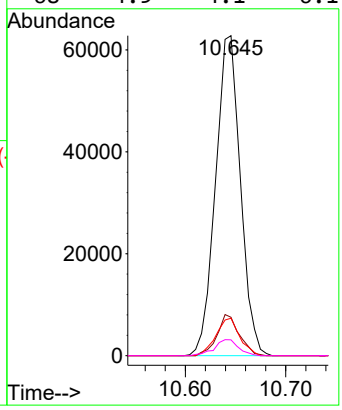


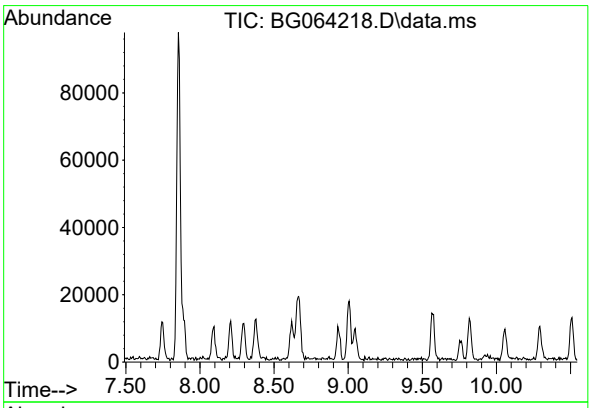
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 108069

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	11.7	8.8	13.2
68	4.9	4.1	6.1



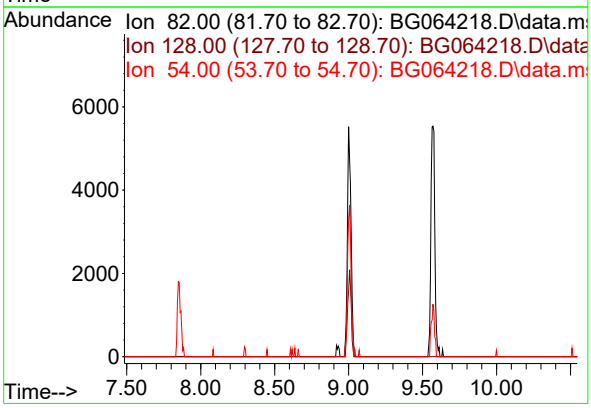


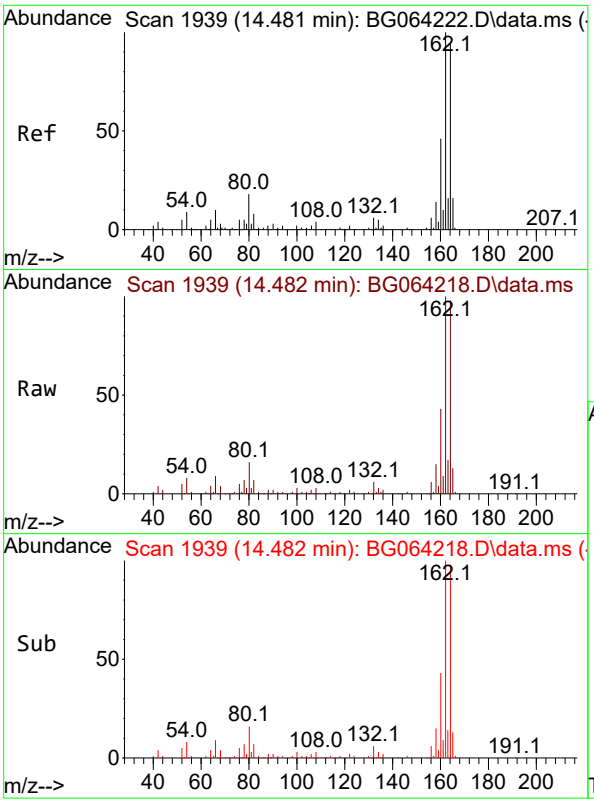
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	40.7
54	68.4



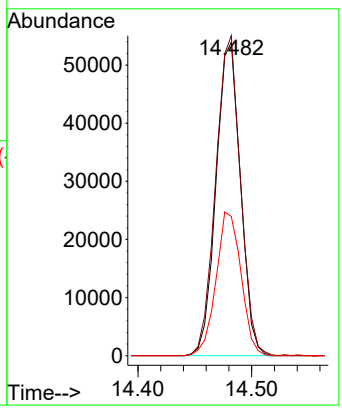


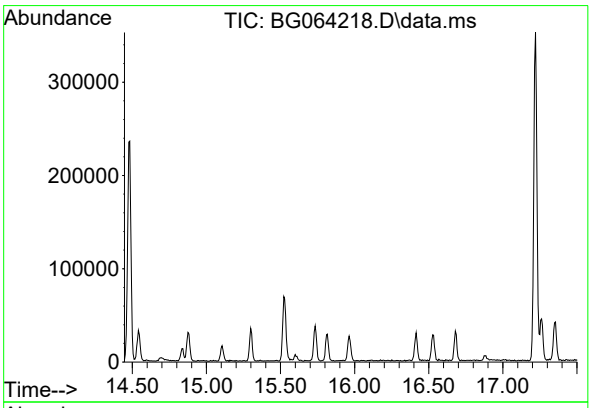
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 80336

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.4	128.0
160	44.4	39.2	58.8



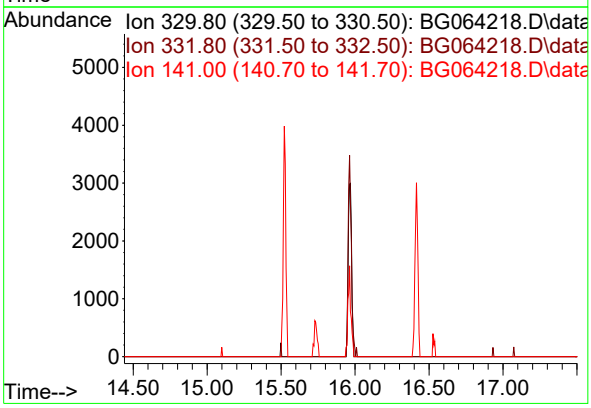


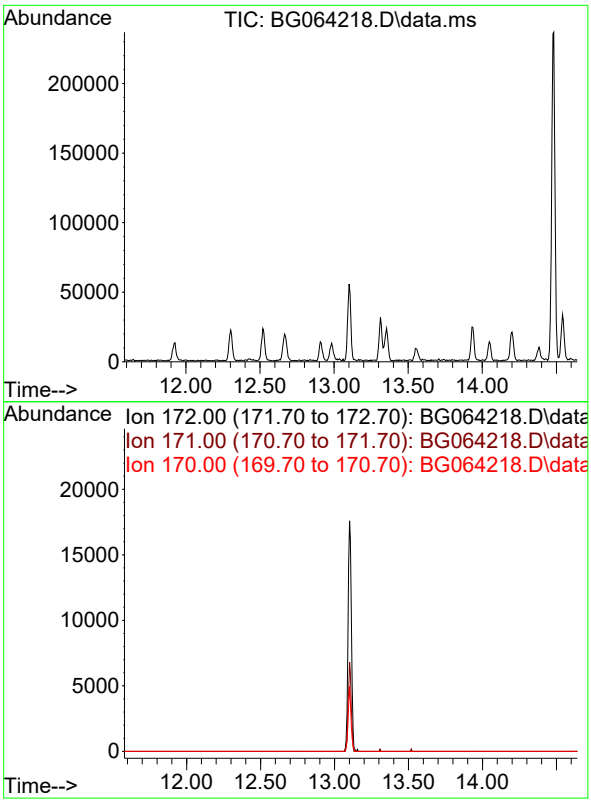
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	37.2





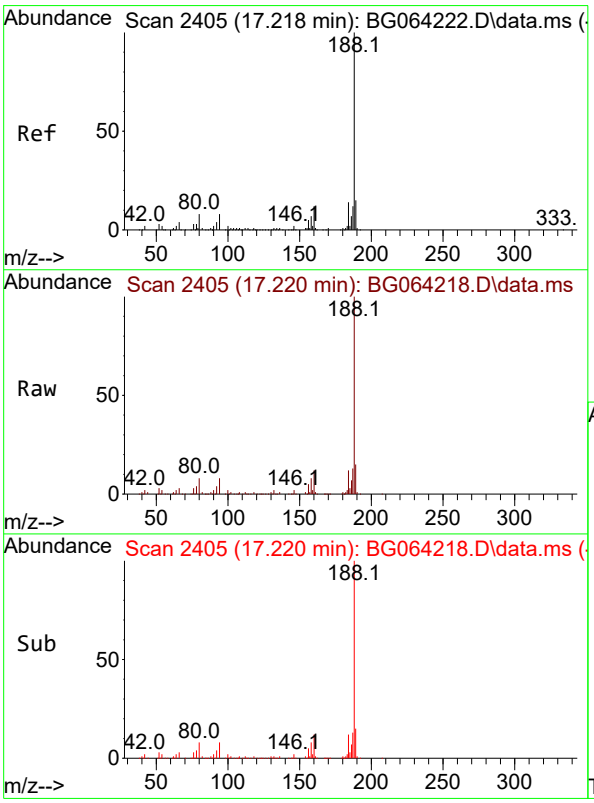
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.11 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

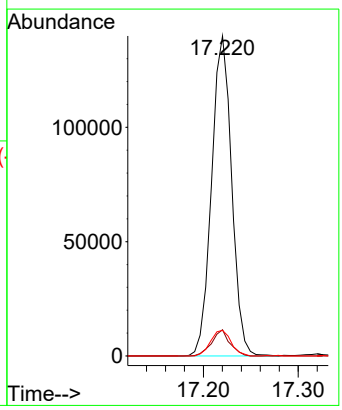
Sig	Exp Ratio
172	100
171	35.9
170	23.8

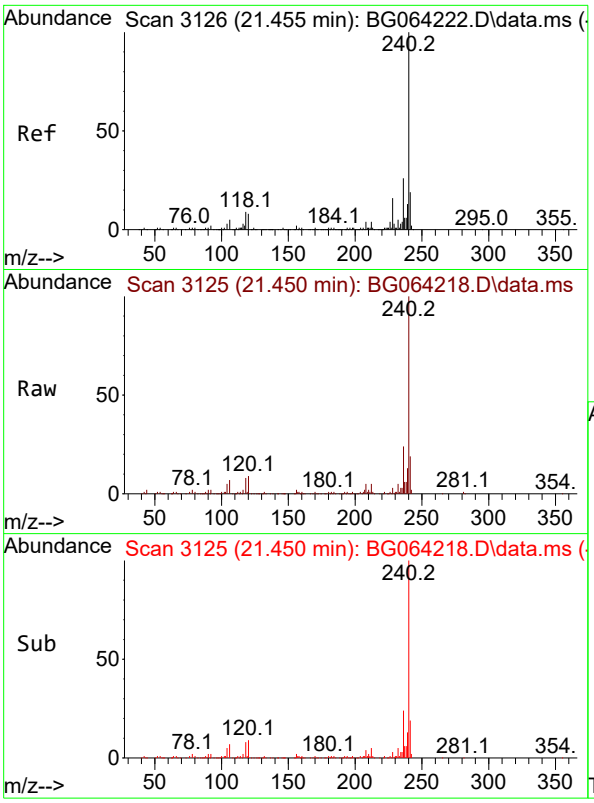


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion:188 Resp: 205650

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	8.0	6.8	10.2



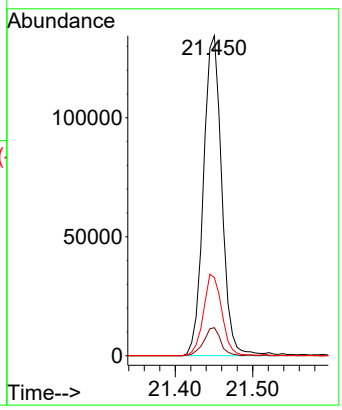


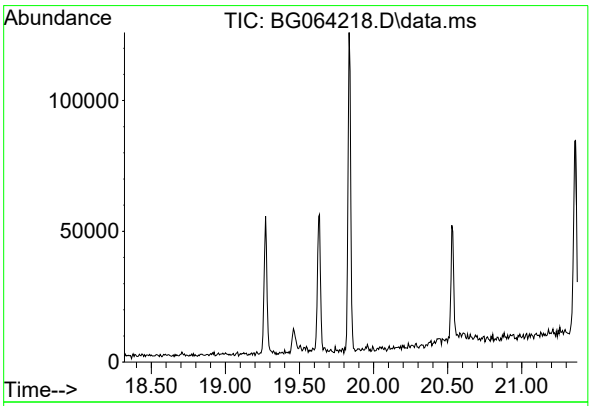
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 221496

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.2	9.4
236	24.4	20.5	30.7



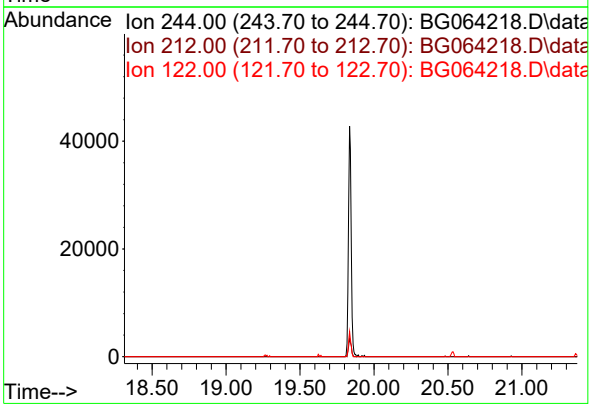


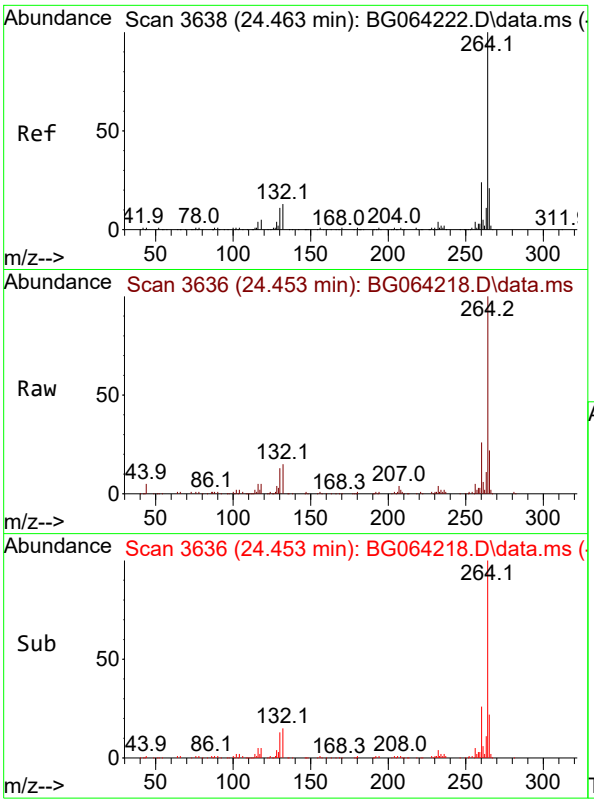
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.3
122	8.8



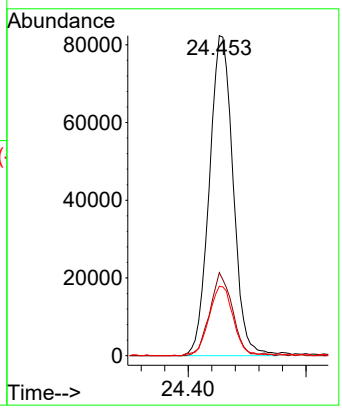


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 230662

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.9	28.3
265	21.7	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	24098	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	109950	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	78593	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	199845	20.000	ng		0.00
76) Chrysene-d12	21.449	240	219683	20.000	ng		0.00
86) Perylene-d12	24.458	264	241429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	13573	10.105	ng		0.00
7) Phenol-d6	7.019	99	18310	9.922	ng		-0.01
23) Nitrobenzene-d5	9.005	82	18764	9.518	ng		-0.01
42) 2,4,6-Tribromophenol	15.962	330	11040	10.605	ng		-0.01
45) 2-Fluorobiphenyl	13.106	172	53596	10.409	ng		0.00
79) Terphenyl-d14	19.839	244	110867	10.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	3459	6.178	ng		88
3) Pyridine	3.752	79	8730	5.297	ng	#	58
6) Aniline	7.184	93	12228	4.792	ng		89
8) 2-Chlorophenol	7.419	128	7939	4.837	ng		96
10) Phenol	7.043	94	9580	4.709	ng		97
11) bis(2-Chloroethyl)ether	7.278	93	7421	4.854	ng		88
12) 1,3-Dichlorobenzene	7.742	146	8854m	5.071	ng		
13) 1,4-Dichlorobenzene	7.895	146	9030	5.124	ng		93
14) 1,2-Dichlorobenzene	8.206	146	8131	4.781	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.376	45	17609	5.045	ng		95
17) 2-Methylphenol	8.294	107	7155	4.719	ng	#	91
18) Hexachloroethane	8.935	117	3344	4.861	ng		86
19) n-Nitroso-di-n-propyla...	8.653	70	7001	4.957	ng	#	98
22) Acetophenone	8.670	105	14639	5.263	ng	#	99
24) Nitrobenzene	9.046	77	9728	4.723	ng		98
25) Isophorone	9.569	82	20579	5.023	ng	#	95
26) 2-Nitrophenol	9.757	139	3668	4.121	ng		97
27) 2,4-Dimethylphenol	9.816	122	7568	4.843	ng		96
28) bis(2-Chloroethoxy)met...	10.057	93	10885	4.927	ng	#	88
29) 2,4-Dichlorophenol	10.292	162	7945	4.819	ng		91
30) 1,2,4-Trichlorobenzene	10.509	180	9136	5.255	ng		95
31) Naphthalene	10.691	128	30344	5.322	ng	#	94
33) 4-Chloroaniline	10.797	127	10141	4.589	ng	#	91
34) Hexachlorobutadiene	10.985	225	6663	5.185	ng		95
36) 4-Chloro-3-methylphenol	11.925	107	10455	4.887	ng		95
37) 2-Methylnaphthalene	12.301	142	21107	4.980	ng		87
38) 1-Methylnaphthalene	12.525	142	21661m	5.175	ng		
40) 1,2,4,5-Tetrachloroben...	12.671	216	10879	4.797	ng		97
43) 2,4,6-Trichlorophenol	12.912	196	7156	4.721	ng		87
44) 2,4,5-Trichlorophenol	12.977	196	7600	4.622	ng		84
46) 1,1'-Biphenyl	13.312	154	28672	5.009	ng		94
47) 2-Chloronaphthalene	13.359	162	21411	4.975	ng		100
48) 2-Nitroaniline	13.553	65	5960	4.063	ng		89
49) Acenaphthylene	14.199	152	32547	5.116	ng		99
50) Dimethylphthalate	13.935	163	32855	5.523	ng		98
51) 2,6-Dinitrotoluene	14.052	165	4684	4.067	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.546	154	22964	5.115	ng		94
53) 3-Nitroaniline	14.375	138	5404	4.480	ng	#	98
55) Dibenzofuran	14.881	168	37579	5.322	ng		95
57) 2,4-Dinitrotoluene	14.834	165	7779	4.467	ng	#	94
58) Fluorene	15.527	166	30779	5.318	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	7695	4.866	ng	#	96
60) Diethylphthalate	15.298	149	35947	5.646	ng		97
61) 4-Chlorophenyl-phenyle...	15.521	204	15345	5.318	ng		93
62) 4-Nitroaniline	15.533	138	5254	4.268	ng	#	75
63) Azobenzene	15.815	77	29276	5.159	ng		96
66) n-Nitrosodiphenylamine	15.733	169	27609	5.022	ng		98
67) 4-Bromophenyl-phenylether	16.414	248	9745	4.591	ng		98
68) Hexachlorobenzene	16.526	284	12043	5.109	ng		92
69) Atrazine	16.678	200	12001	5.228	ng		97
71) Phenanthrene	17.260	178	55100	5.227	ng		97
72) Anthracene	17.348	178	56156	5.237	ng		99
73) Carbazole	17.619	167	49241	5.213	ng		98
74) Di-n-butylphthalate	18.188	149	59765	5.267	ng		98
75) Fluoranthene	19.270	202	66964	5.403	ng		99
78) Pyrene	19.634	202	70961	5.127	ng		97
80) Butylbenzylphthalate	20.533	149	24638	4.720	ng		98
81) Benzo(a)anthracene	21.432	228	72646	5.169	ng		96
83) Chrysene	21.490	228	70143	5.199	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	39184	5.000	ng		94
87) Indeno(1,2,3-cd)pyrene	27.836	276	79337	4.812	ng		92
88) Benzo(b)fluoranthene	23.506	252	65111	4.778	ng		99
89) Benzo(k)fluoranthene	23.570	252	70084	5.049	ng		98
90) Benzo(a)pyrene	24.311	252	61491	4.851	ng	#	95
91) Dibenzo(a,h)anthracene	27.895	278	63017	4.760	ng	#	96
92) Benzo(g,h,i)perylene	28.888	276	64396	4.999	ng	#	96

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

ICAL Form

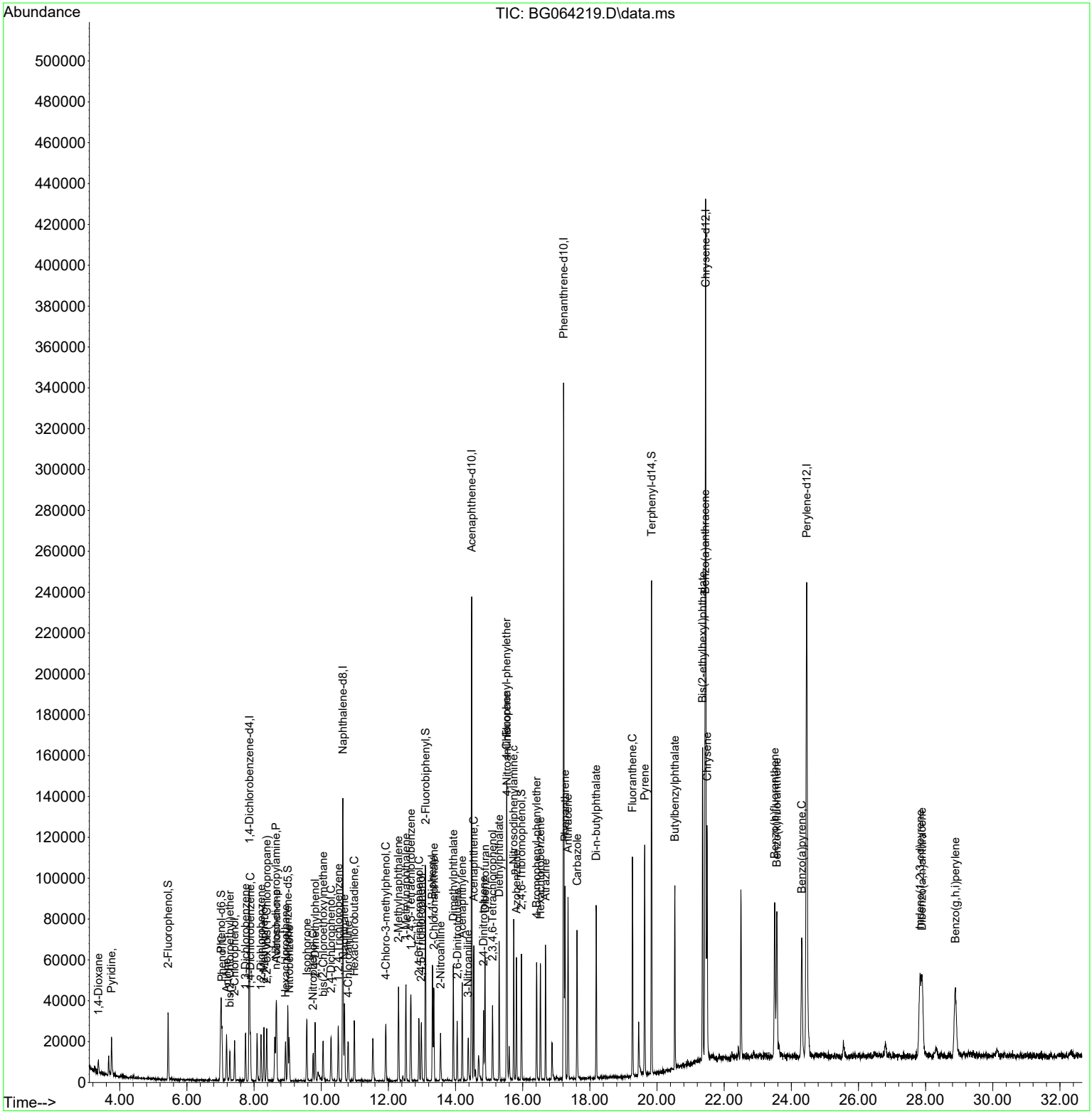
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

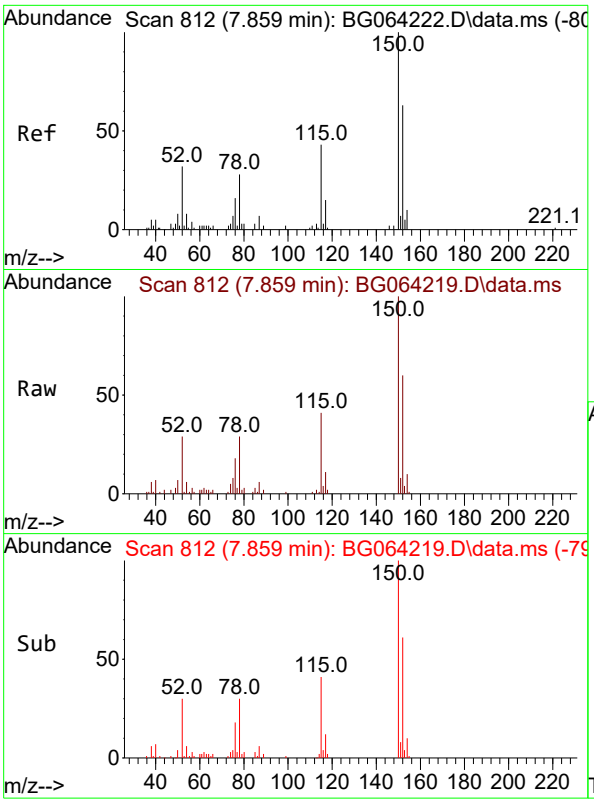
Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

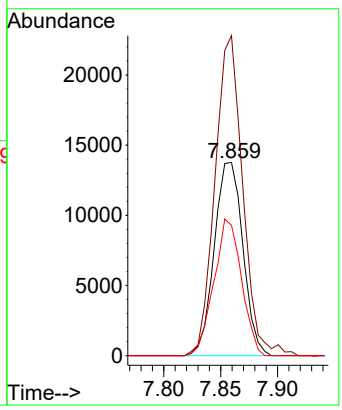




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:152 Resp: 2409

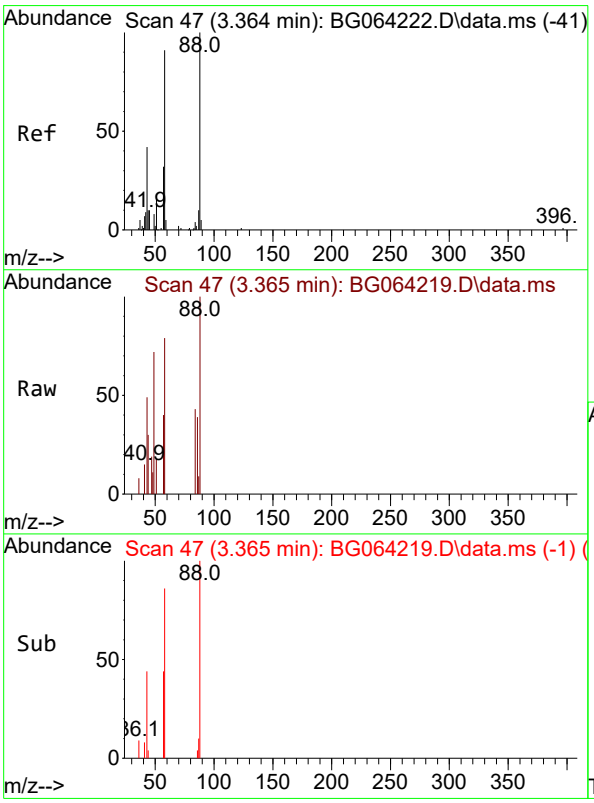
Ion	Ratio	Lower	Upper
152	100		
150	165.6	128.0	192.0
115	67.5	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

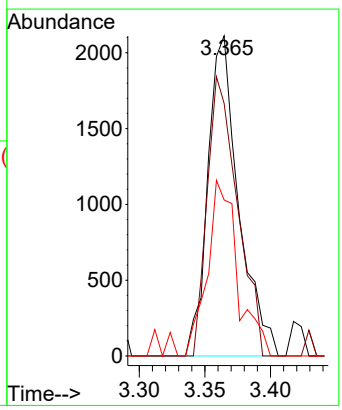
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

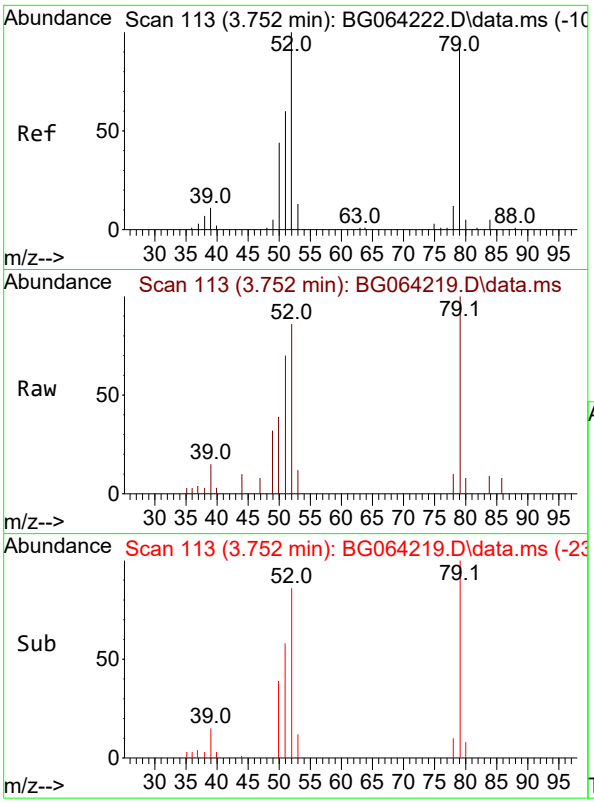


#2
1,4-Dioxane
Concen: 6.178 ng
RT: 3.365 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 88 Resp: 3459

Ion	Ratio	Lower	Upper
88	100		
58	85.5	80.8	121.2
43	53.5	40.3	60.5

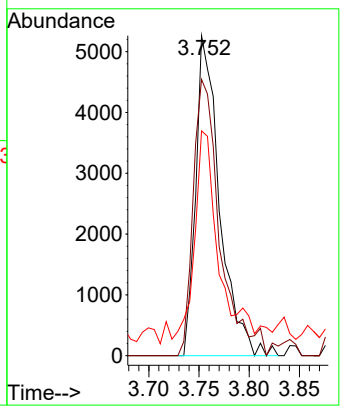




#3
Pyridine
Concen: 5.297 ng
RT: 3.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 79 Resp: 873

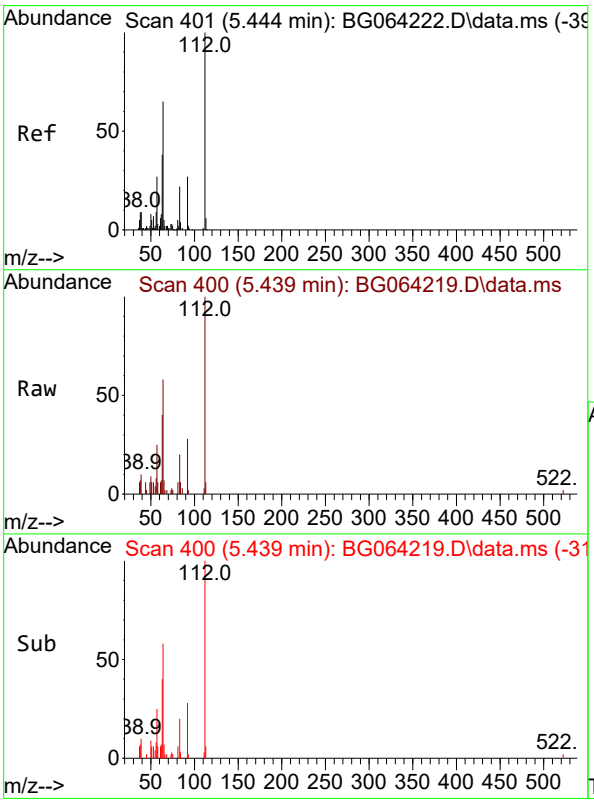
Ion	Ratio	Lower	Upper
79	100		
52	86.3	86.6	129.8#
51	70.3	114.1	171.1#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

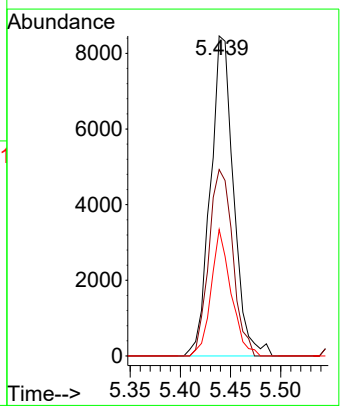
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

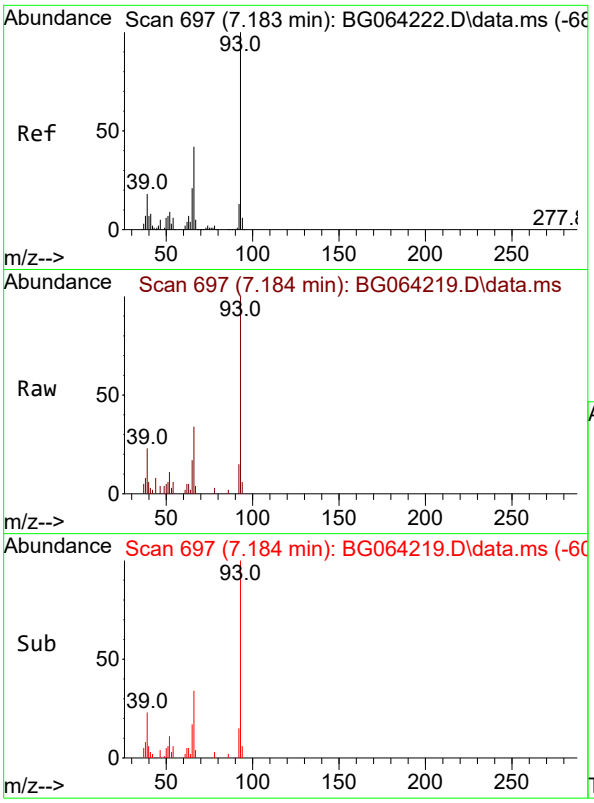


#5
2-Fluorophenol
Concen: 10.105 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:112 Resp: 13573

Ion	Ratio	Lower	Upper
112	100		
64	58.3	51.8	77.6
63	39.5	30.6	45.8

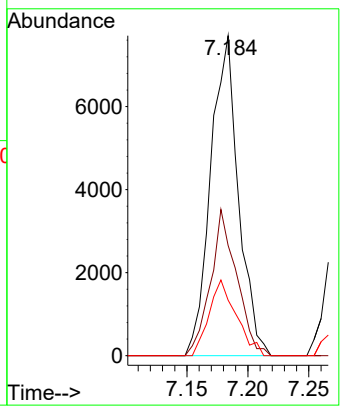




#6
Aniline
Concen: 4.792 ng
RT: 7.184 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 93 Resp: 1222

Ion	Ratio	Lower	Upper
93	100		
66	34.5	33.8	50.8
65	17.4	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
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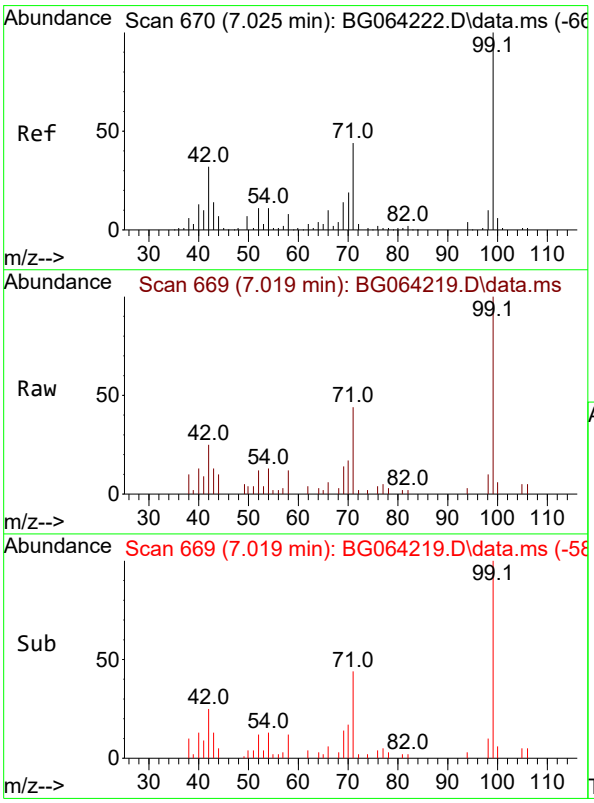
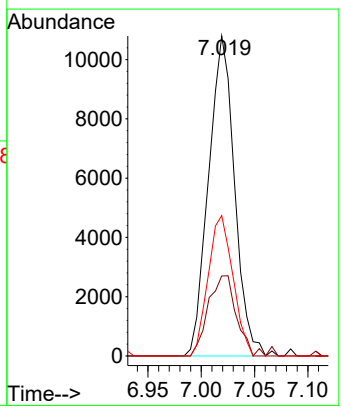
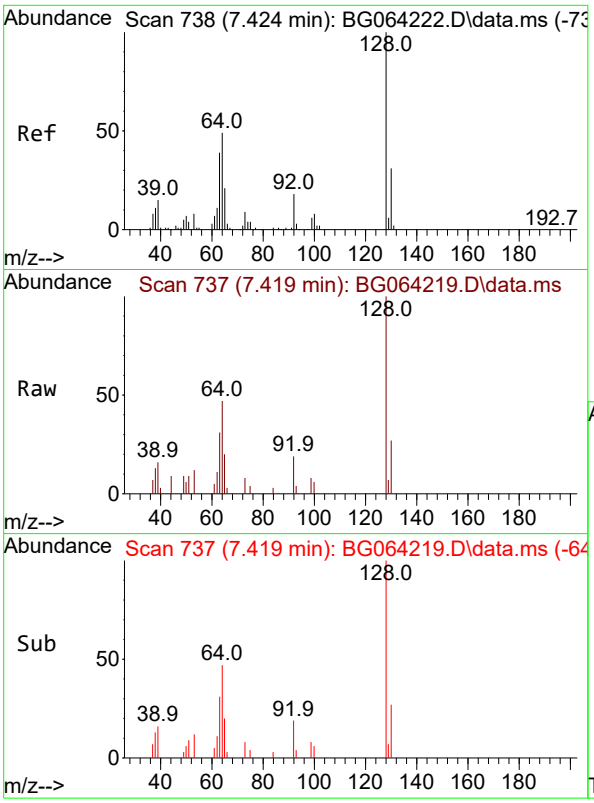


#7
Phenol-d6
Concen: 9.922 ng
RT: 7.019 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 99 Resp: 18310

Ion	Ratio	Lower	Upper
99	100		
42	25.0	25.8	38.8#
71	43.9	35.2	52.8

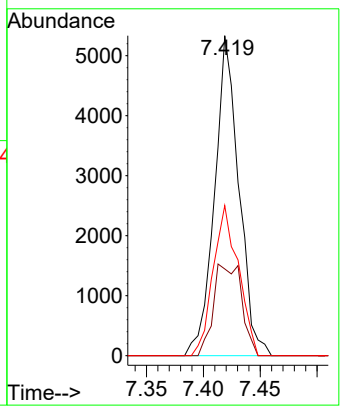




#8
2-Chlorophenol
Concen: 4.837 ng
RT: 7.419 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:128 Resp: 793

Ion	Ratio	Lower	Upper
128	100		
130	27.1	10.9	50.9
64	46.9	28.7	68.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
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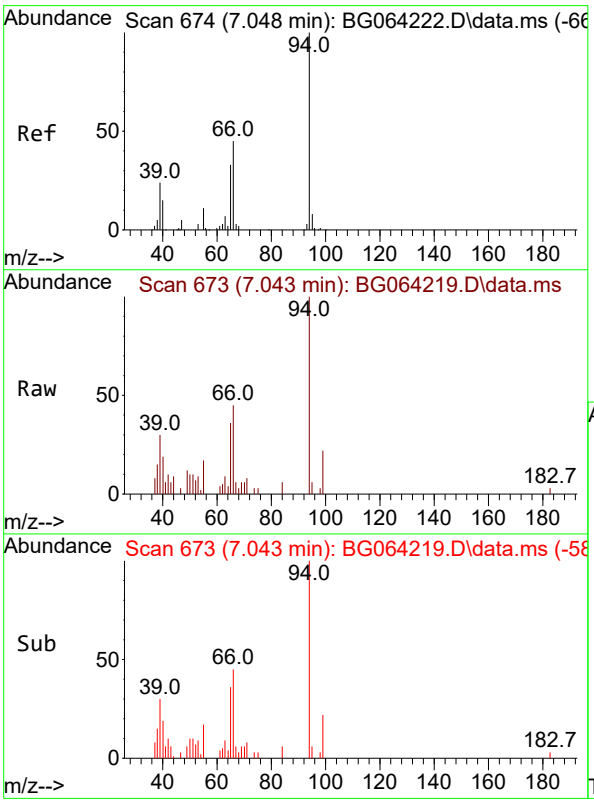
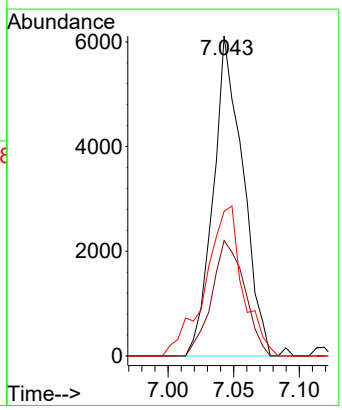
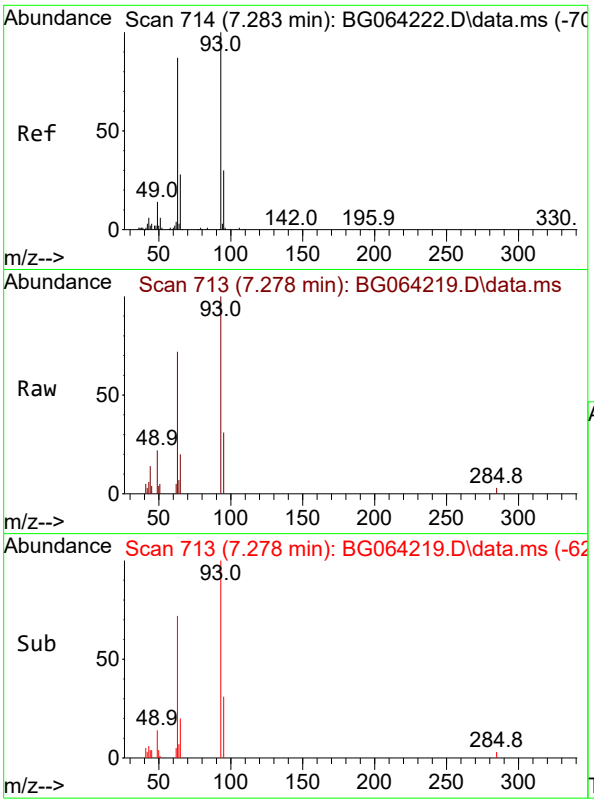


#10
Phenol
Concen: 4.709 ng
RT: 7.043 min Scan# 673
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 94 Resp: 9580

Ion	Ratio	Lower	Upper
94	100		
65	36.0	13.5	53.5
66	45.2	26.2	66.2

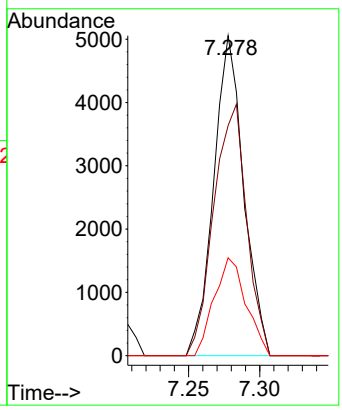




#11
bis(2-Chloroethyl)ether
Concen: 4.854 ng
RT: 7.278 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 93 Resp: 742

Ion	Ratio	Lower	Upper
93	100		
63	71.9	66.2	106.2
95	30.6	9.8	49.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
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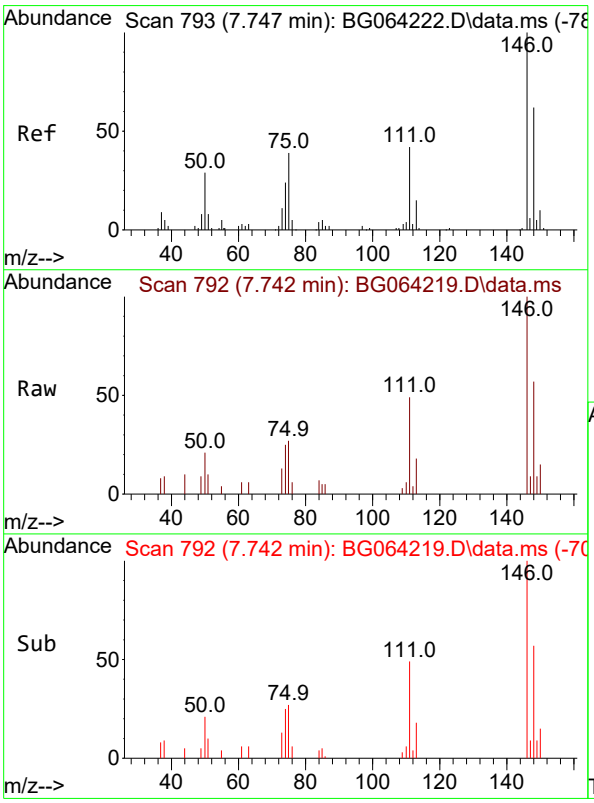
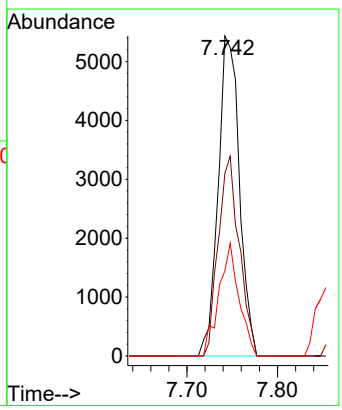
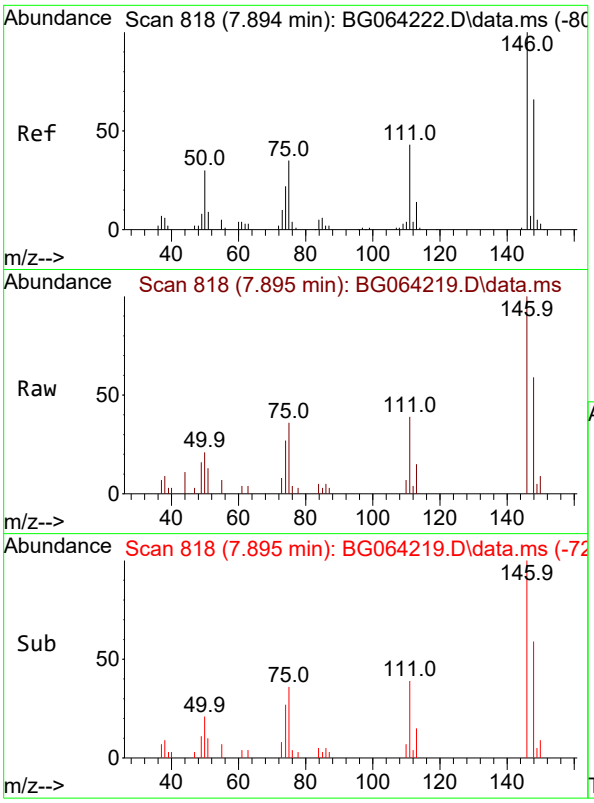


#12
1,3-Dichlorobenzene
Concen: 5.071 ng m
RT: 7.742 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:146 Resp: 8854

Ion	Ratio	Lower	Upper
146	100		
148	57.1	49.6	74.4
75	26.6	31.0	46.6#

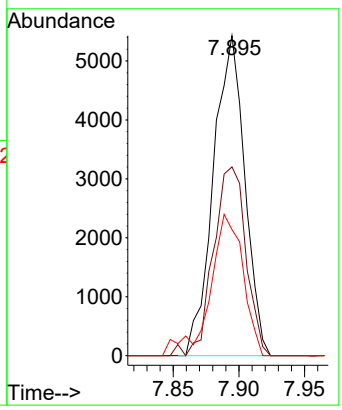




#13
1,4-Dichlorobenzene
Concen: 5.124 ng
RT: 7.895 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:146 Resp: 903

Ion	Ratio	Lower	Upper
146	100		
148	59.0	52.8	79.2
111	39.4	34.1	51.1



Instrument :
BNA_G
ClientSampleId :
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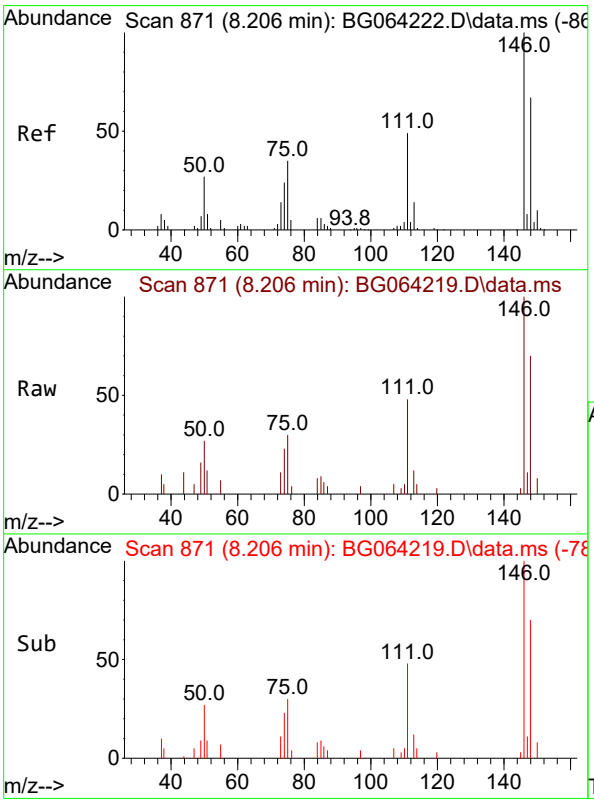
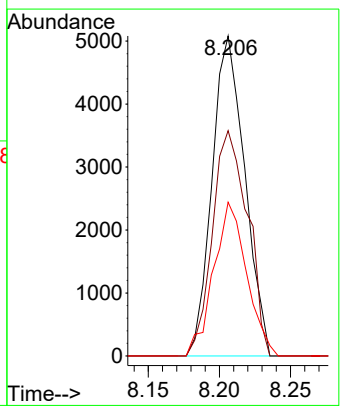
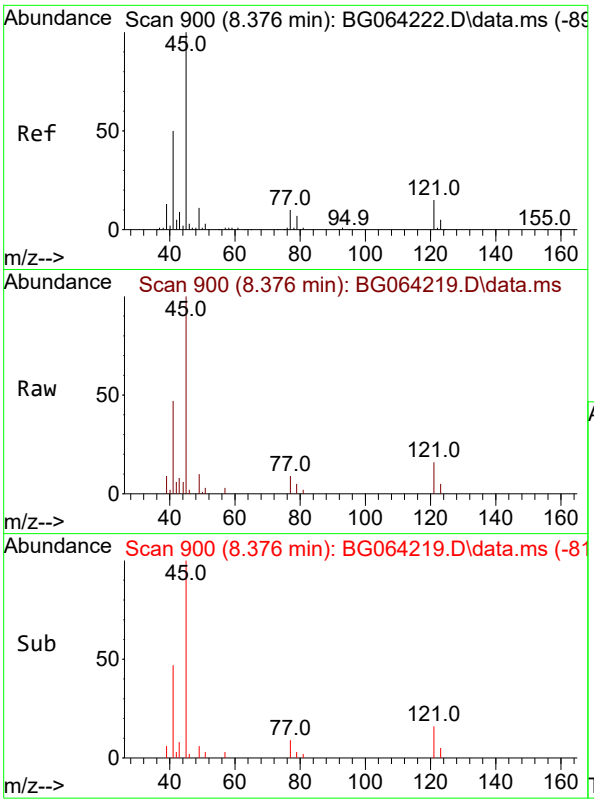


#14
1,2-Dichlorobenzene
Concen: 4.781 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:146 Resp: 8131

Ion	Ratio	Lower	Upper
146	100		
148	70.4	53.4	80.0
111	48.1	39.1	58.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.045 ng
RT: 8.376 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 45 Resp: 1760

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	4.9	0.0	27.9

Instrument :
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ClientSampleId :
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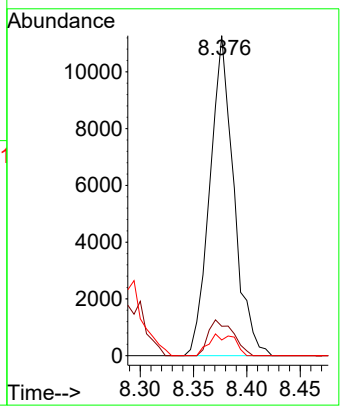
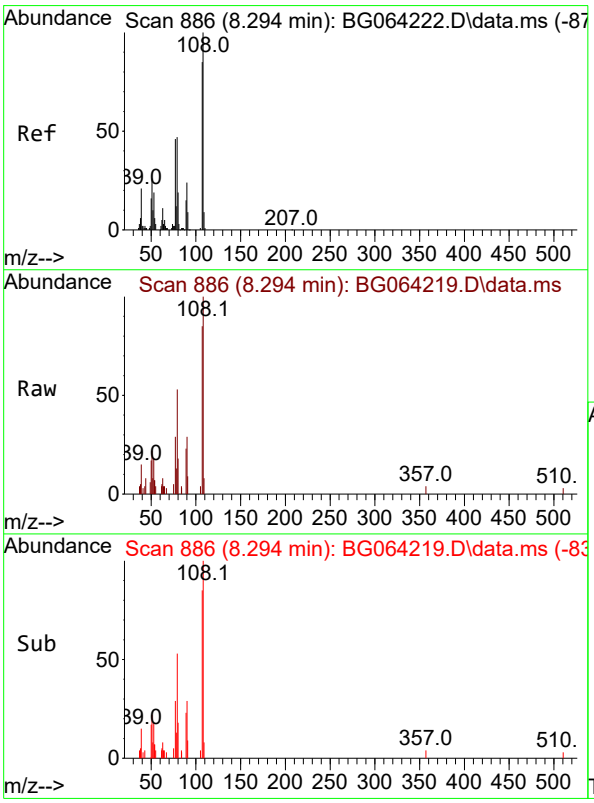
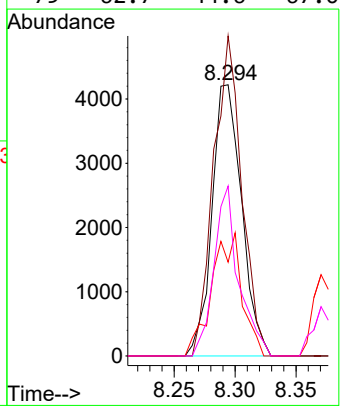


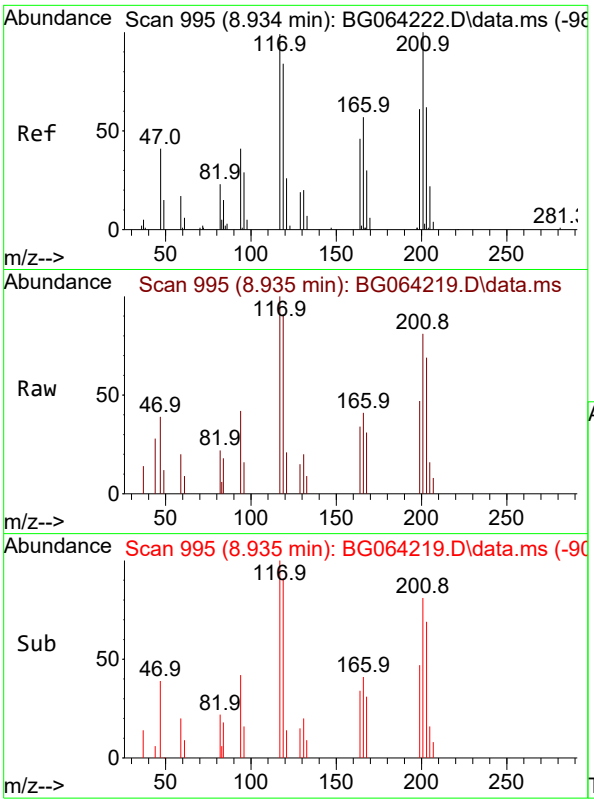


#17
2-Methylphenol
Concen: 4.719 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:107 Resp: 7155

Ion	Ratio	Lower	Upper
107	100		
108	118.0	94.6	141.8
77	34.6	43.7	65.5#
79	62.7	44.6	67.0

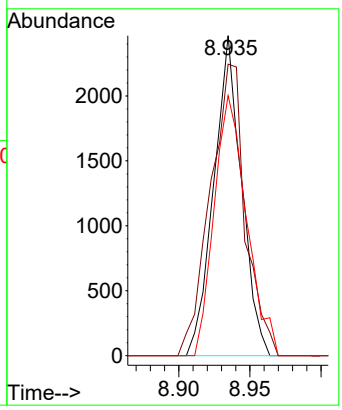




#18
Hexachloroethane
Concen: 4.861 ng
RT: 8.935 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:117 Resp: 3344

Ion	Ratio	Lower	Upper
117	100		
119	91.1	67.9	101.9
201	81.3	80.5	120.7



Instrument :
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ClientSampleId :
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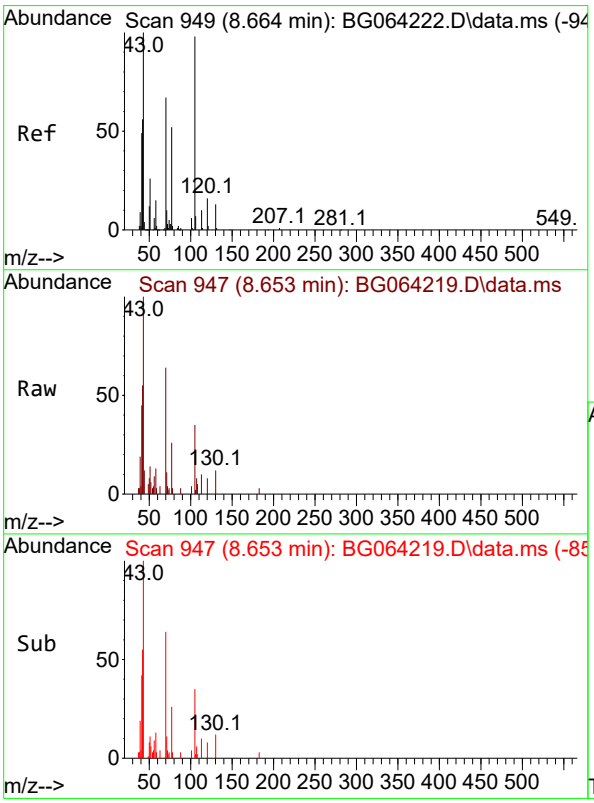
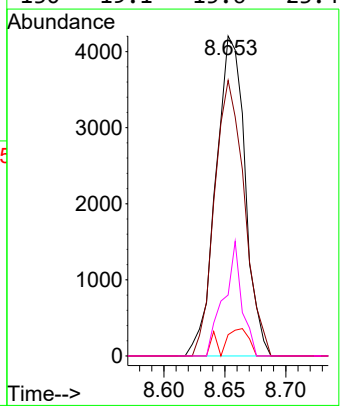
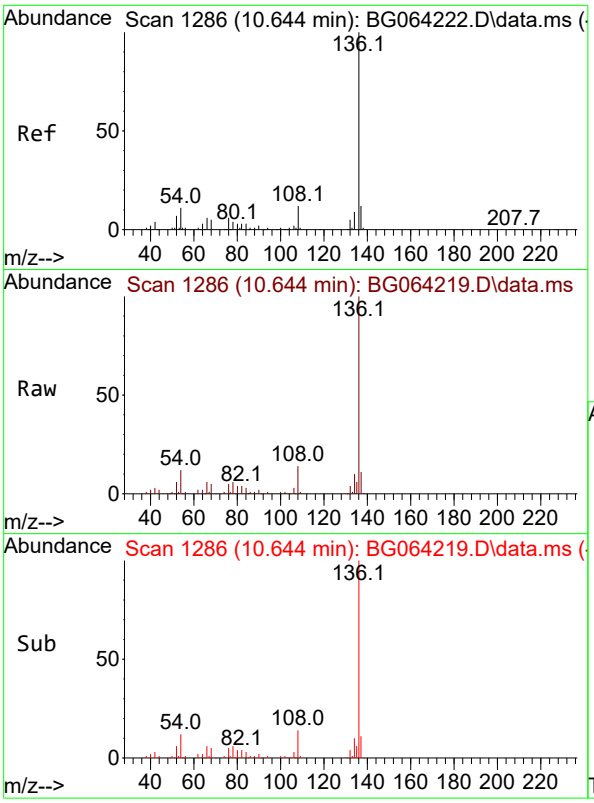


#19
n-Nitroso-di-n-propylamine
Concen: 4.957 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 70 Resp: 7001

Ion	Ratio	Lower	Upper
70	100		
42	86.1	67.9	101.9
101	6.7	7.3	10.9#
130	19.1	15.6	23.4

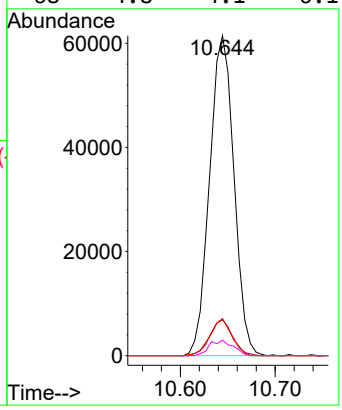




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:136 Resp: 10995

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.6	8.8	13.2
68	4.8	4.1	6.1



Instrument :
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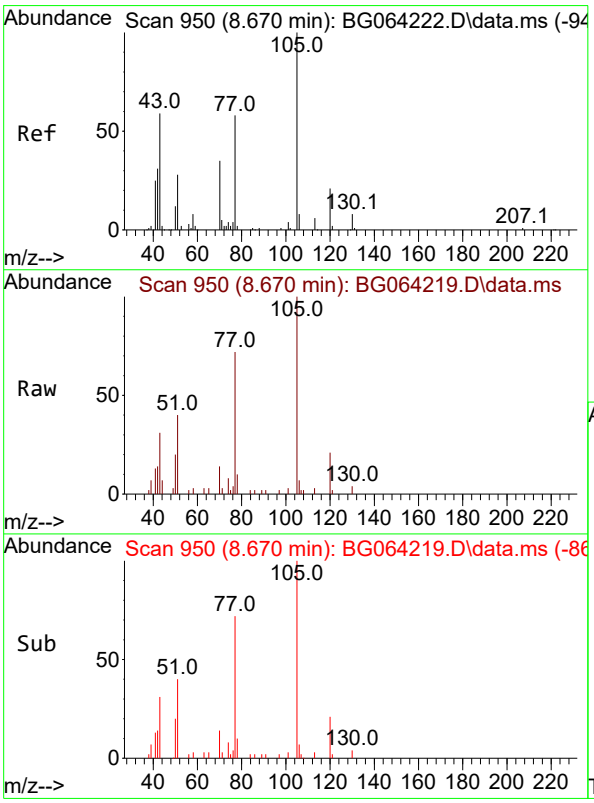
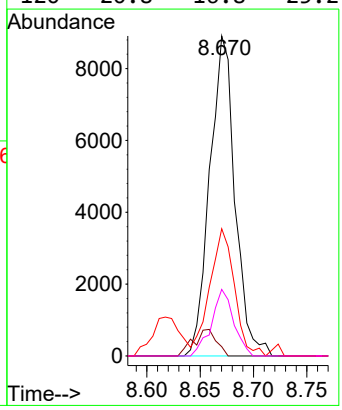
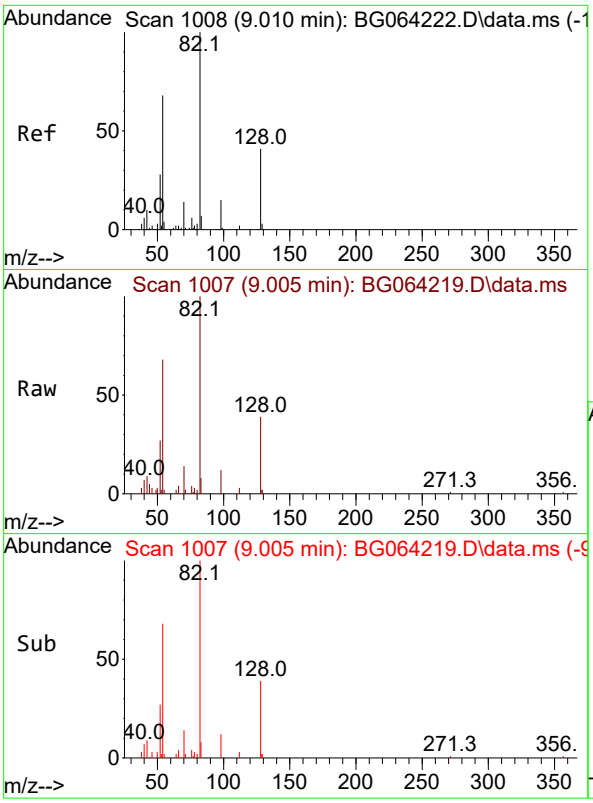


#22
Acetophenone
Concen: 5.263 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:105 Resp: 14639

Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.3	6.5#
51	39.7	32.4	48.6
120	20.8	16.8	25.2

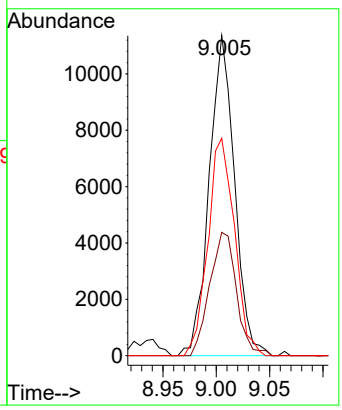




#23
Nitrobenzene-d5
Concen: 9.518 ng
RT: 9.005 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 82 Resp: 1876

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.6	48.8
54	67.9	54.7	82.1



Instrument :
BNA_G
ClientSampleId :
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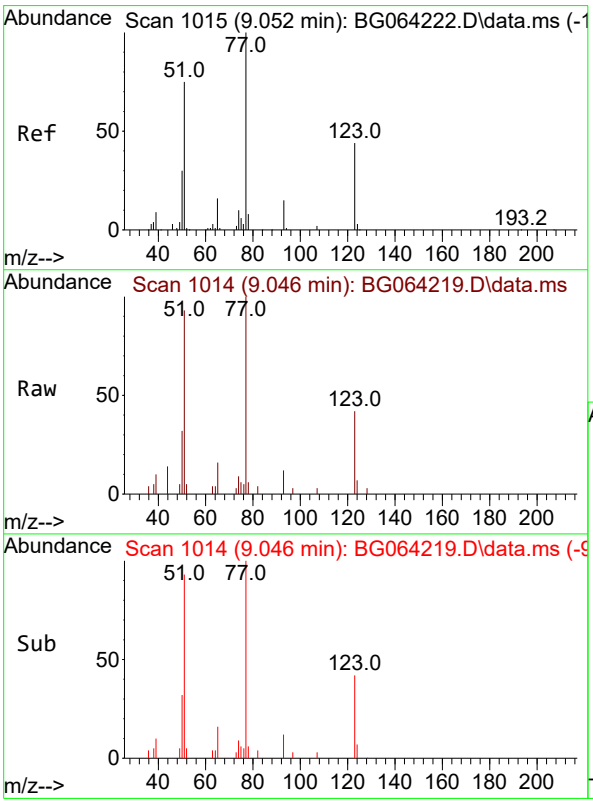
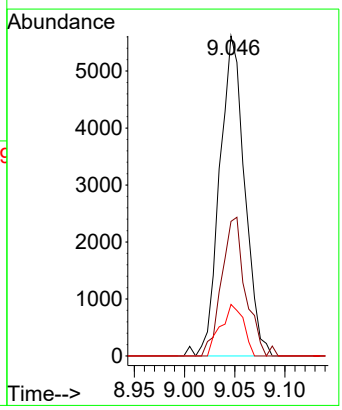
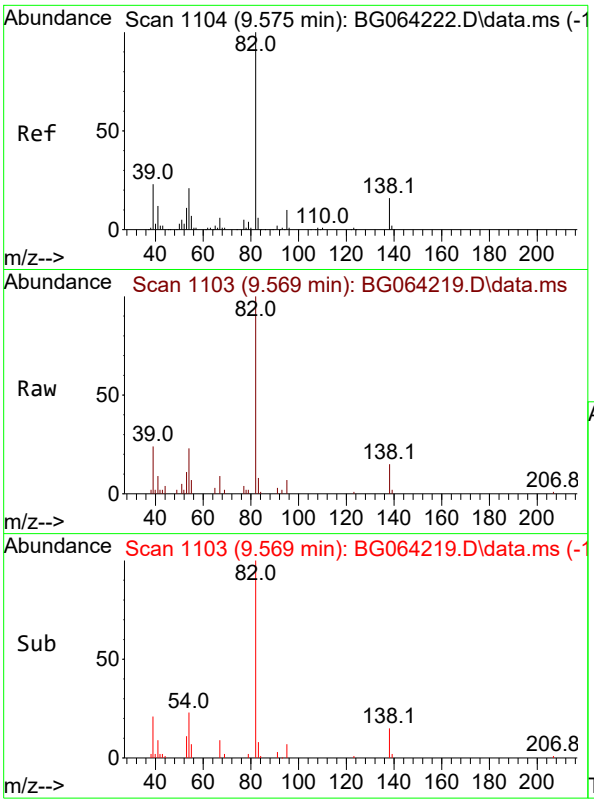


#24
Nitrobenzene
Concen: 4.723 ng
RT: 9.046 min Scan# 1014
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 77 Resp: 9728

Ion	Ratio	Lower	Upper
77	100		
123	42.1	35.2	52.8
65	16.1	12.6	19.0





#25
Isophorone
Concen: 5.023 ng
RT: 9.569 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 82 Resp: 2057

Ion	Ratio	Lower	Upper
82	100		
95	6.7	7.9	11.9#
138	14.9	13.0	19.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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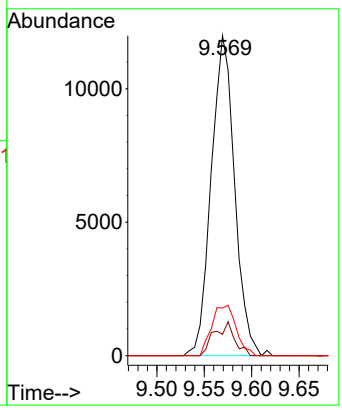
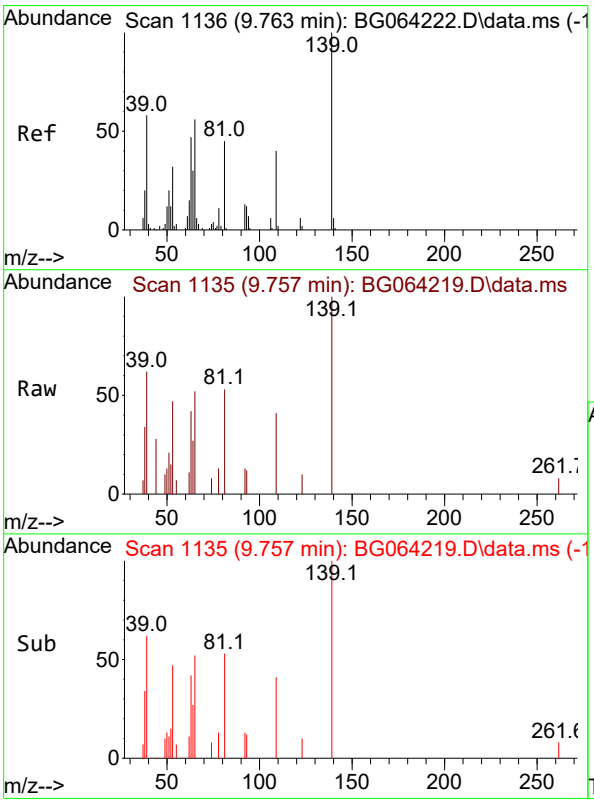
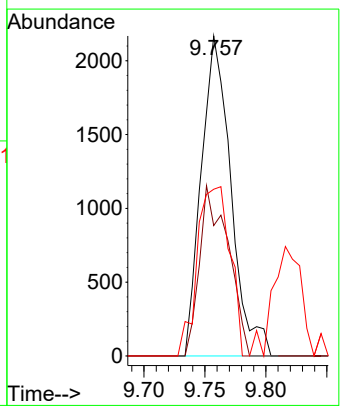


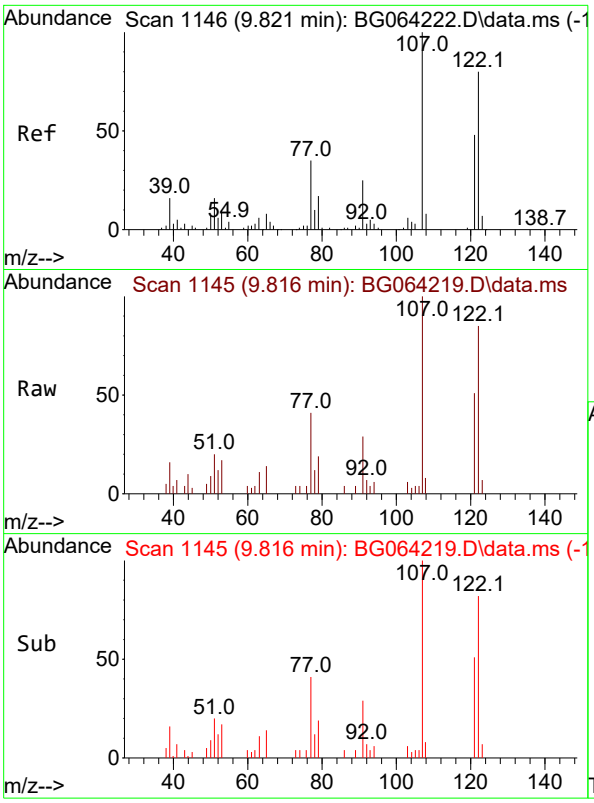


#26
2-Nitrophenol
Concen: 4.121 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:139 Resp: 3668

Ion	Ratio	Lower	Upper
139	100		
109	40.8	32.4	48.6
65	52.1	44.6	67.0

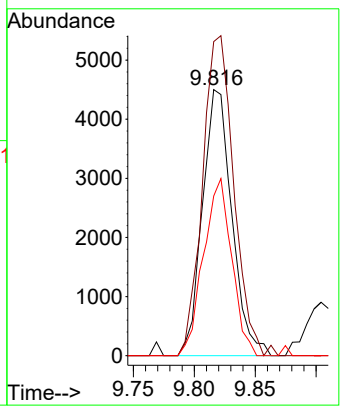




#27
2,4-Dimethylphenol
Concen: 4.843 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:122 Resp: 756

Ion	Ratio	Lower	Upper
122	100		
107	118.0	99.9	149.9
121	60.0	48.6	72.8



Instrument :
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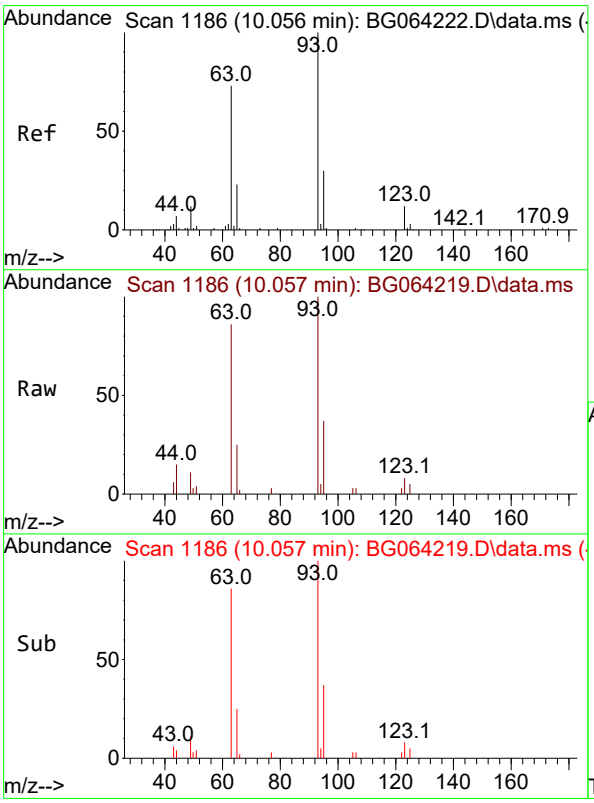
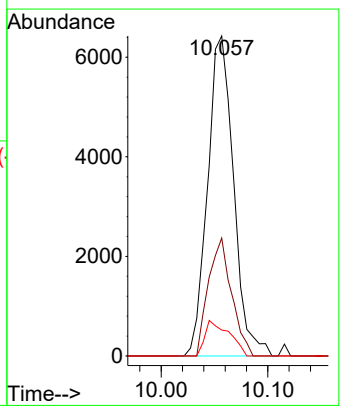
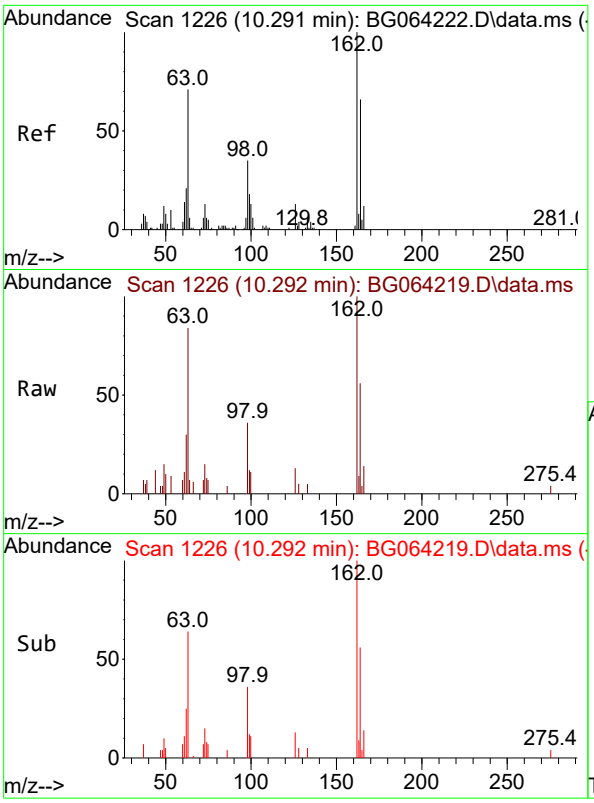


#28
bis(2-Chloroethoxy)methane
Concen: 4.927 ng
RT: 10.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 93 Resp: 10885

Ion	Ratio	Lower	Upper
93	100		
95	36.8	23.9	35.9#
123	8.1	9.6	14.4#





#29
2,4-Dichlorophenol
Concen: 4.819 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:162 Resp: 794

Ion	Ratio	Lower	Upper
162	100		
164	55.7	45.8	85.8
98	35.6	15.2	55.2

Instrument :
BNA_G
ClientSampleId :
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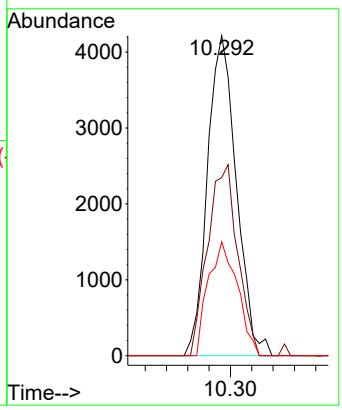
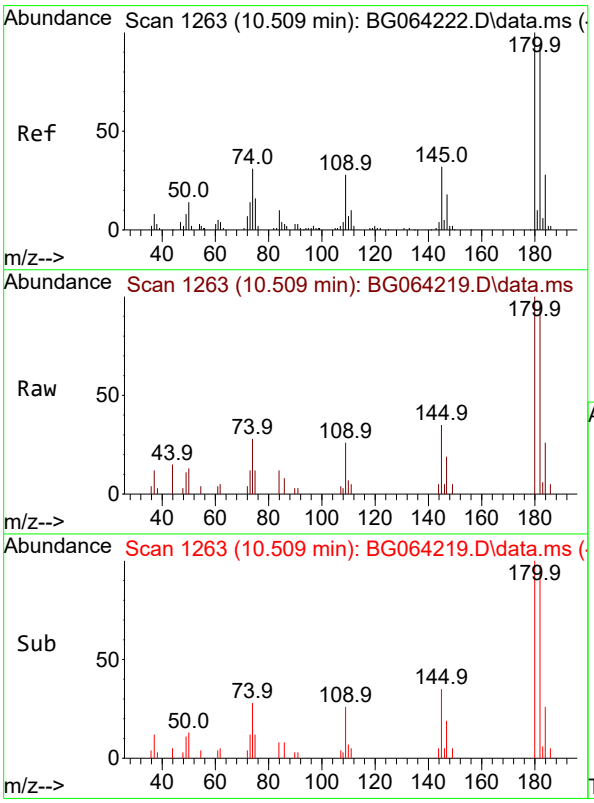
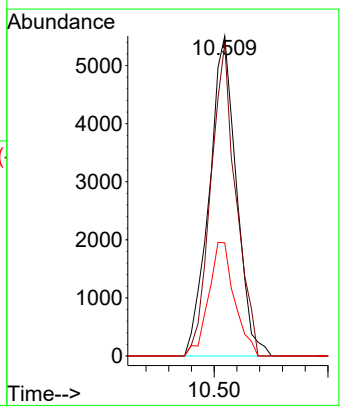


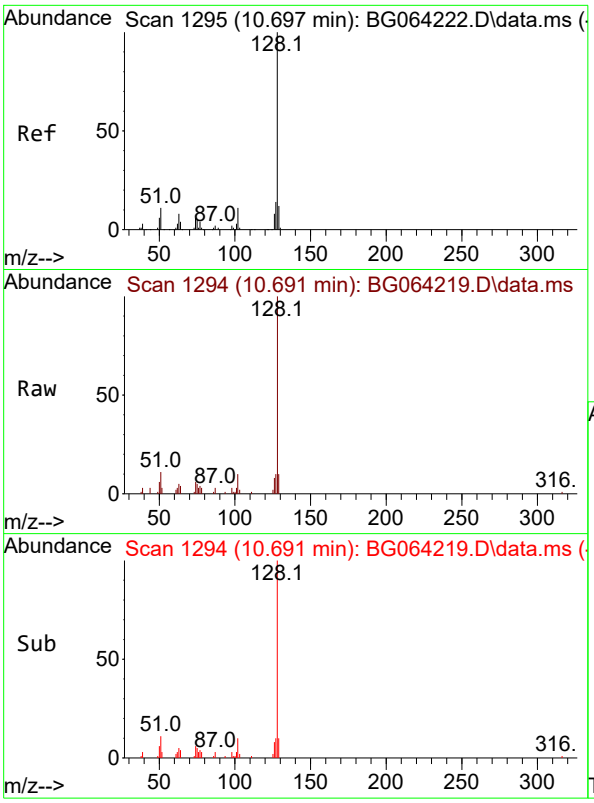


#30
1,2,4-Trichlorobenzene
Concen: 5.255 ng
RT: 10.509 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:180 Resp: 9136

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.0	112.6
145	35.4	25.4	38.0

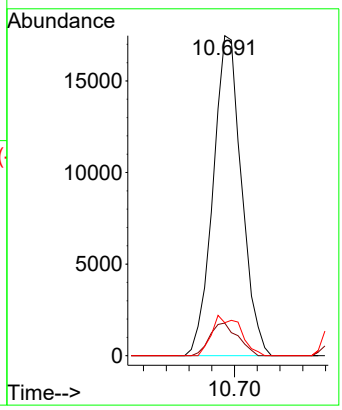




#31
Naphthalene
Concen: 5.322 ng
RT: 10.691 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:128 Resp: 3034

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	10.3	10.9	16.3#



Instrument :
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ClientSampleId :
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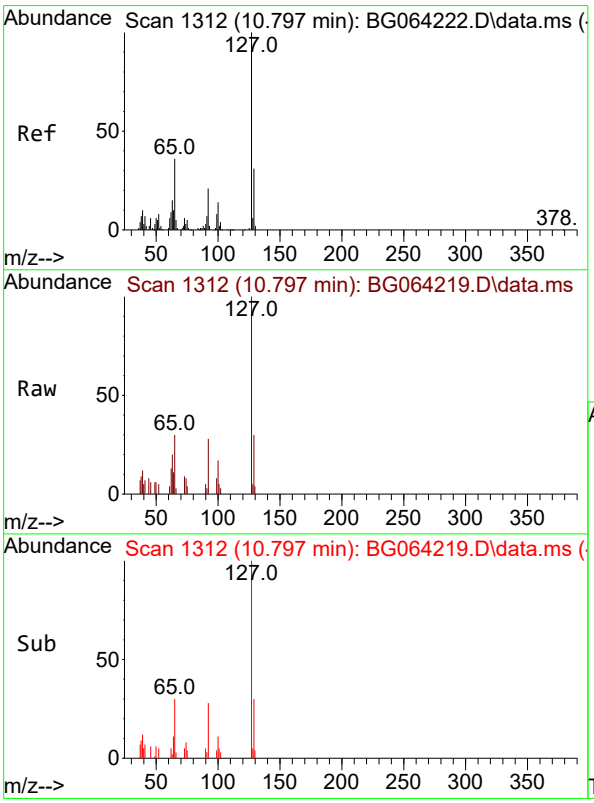
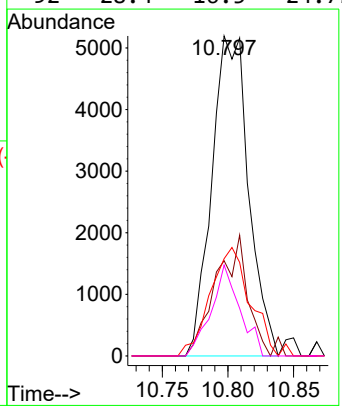
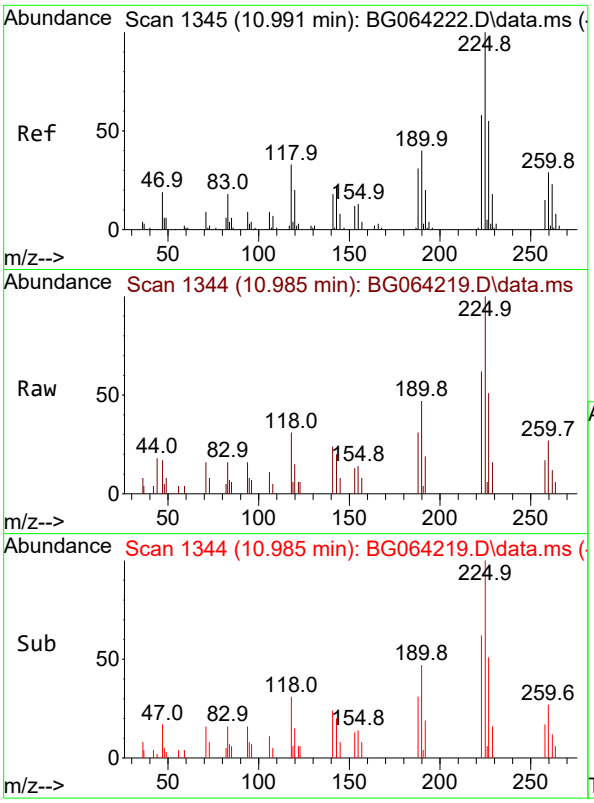


#33
4-Chloroaniline
Concen: 4.589 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:127 Resp: 10141

Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.0	37.4
65	30.4	28.7	43.1
92	28.4	16.5	24.7#

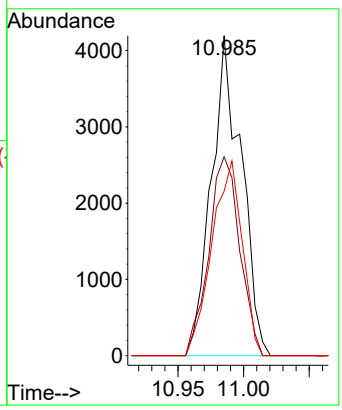




#34
Hexachlorobutadiene
Concen: 5.185 ng
RT: 10.985 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:225 Resp: 666

Ion	Ratio	Lower	Upper
225	100		
223	62.2	46.5	69.7
227	51.4	44.1	66.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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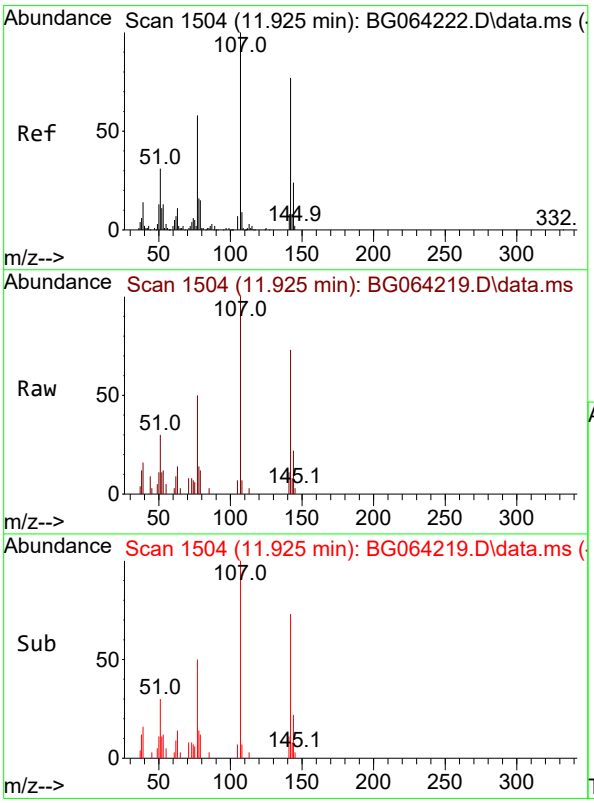
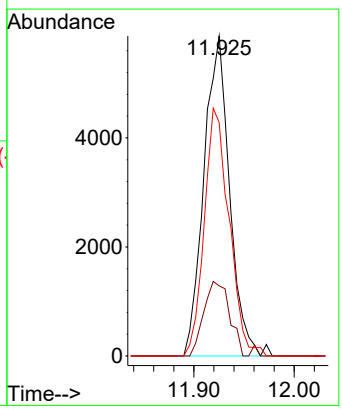
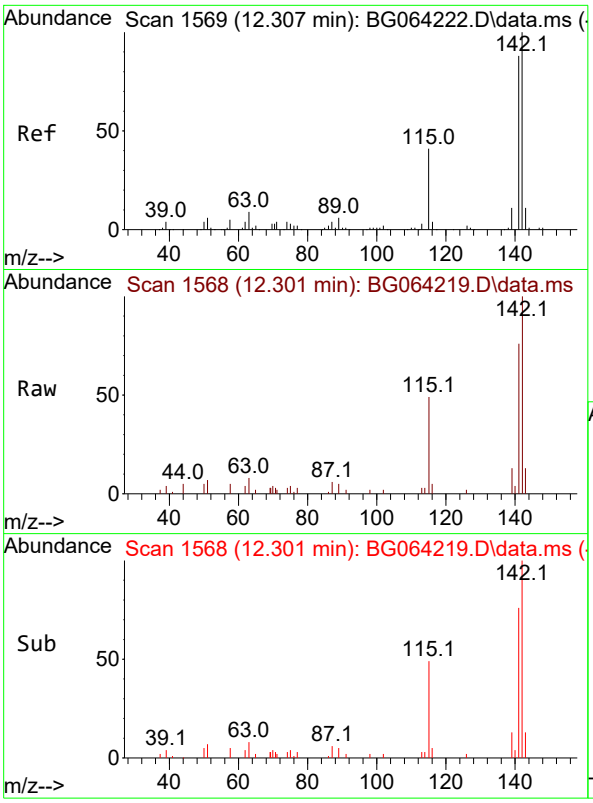


#36
4-Chloro-3-methylphenol
Concen: 4.887 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:107 Resp: 10455

Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.5	29.3
142	73.0	62.0	93.0

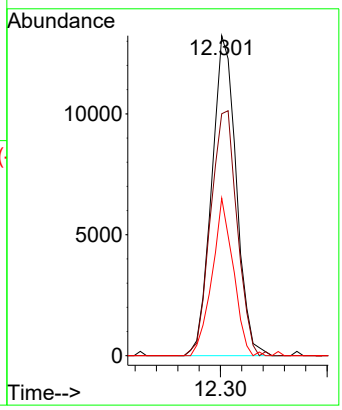




#37
2-Methylnaphthalene
Concen: 4.980 ng
RT: 12.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 2110

Ion	Ratio	Lower	Upper
142	100		
141	75.6	70.1	105.1
115	49.2	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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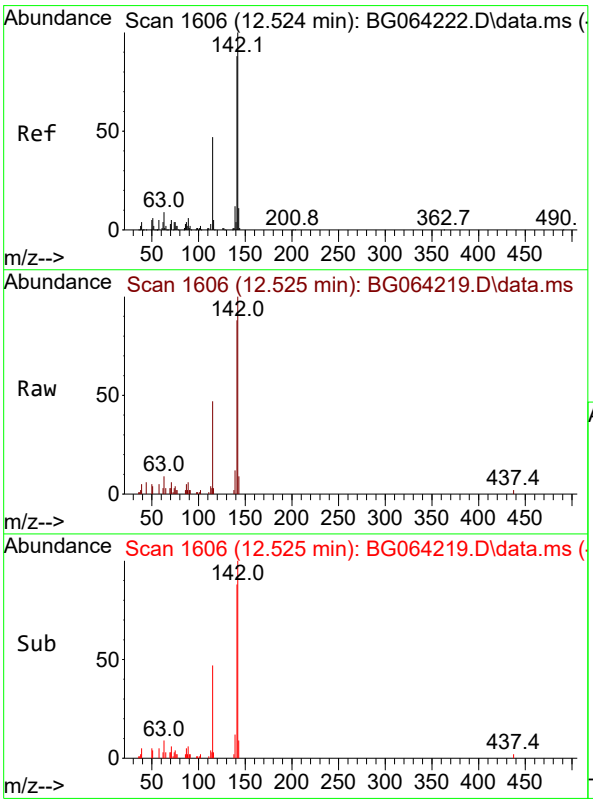
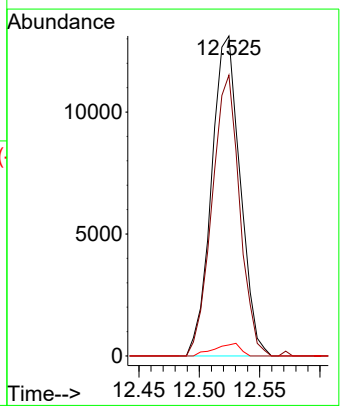
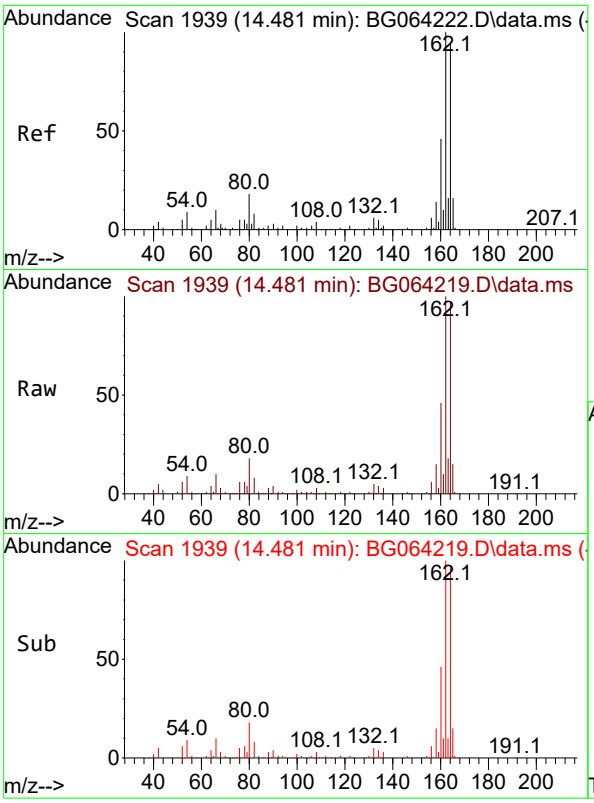


#38
1-Methylnaphthalene
Concen: 5.175 ng m
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 21661

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
116	3.4	3.7	5.5#

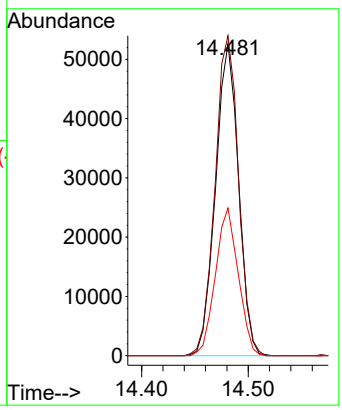




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:164 Resp: 7859

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.0
160	47.4	39.2	58.8



Instrument :
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ClientSampleId :
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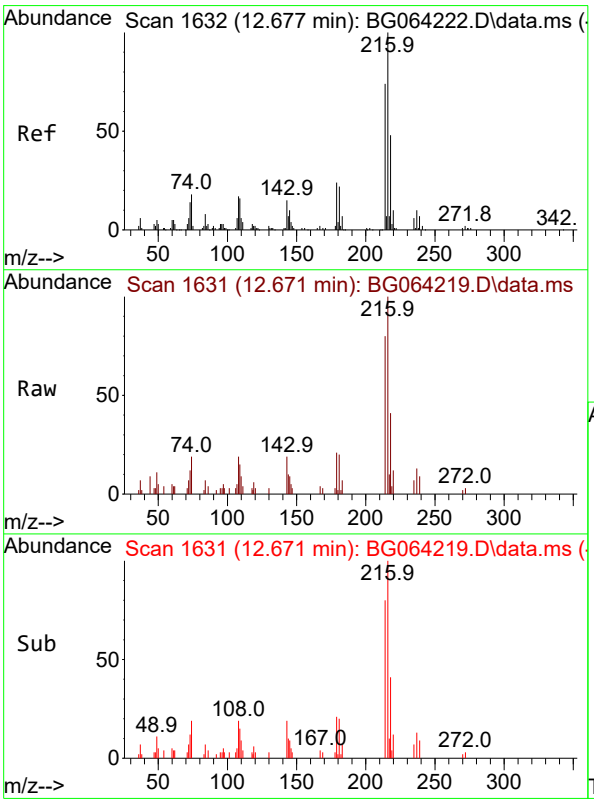
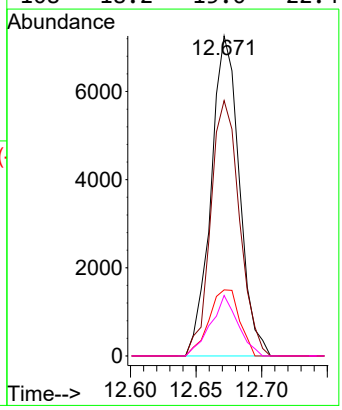
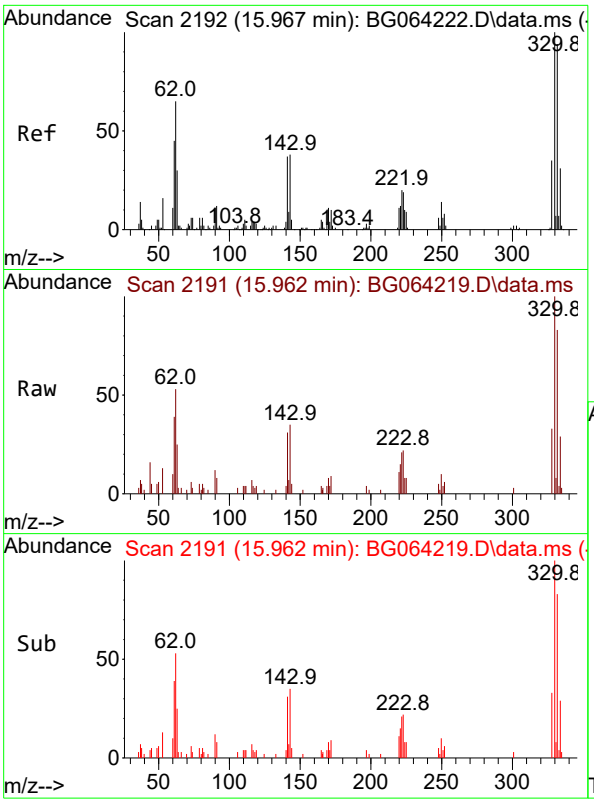


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.797 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:216 Resp: 10879

Ion	Ratio	Lower	Upper
216	100		
214	81.3	61.9	92.9
179	22.3	17.9	26.9
108	18.2	15.0	22.4

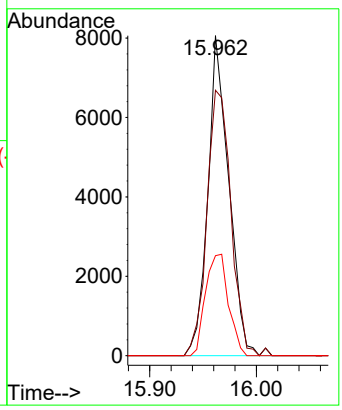




#42
2,4,6-Tribromophenol
Concen: 10.605 ng
RT: 15.962 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:330 Resp: 1104

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.6	116.4
141	34.6	29.8	44.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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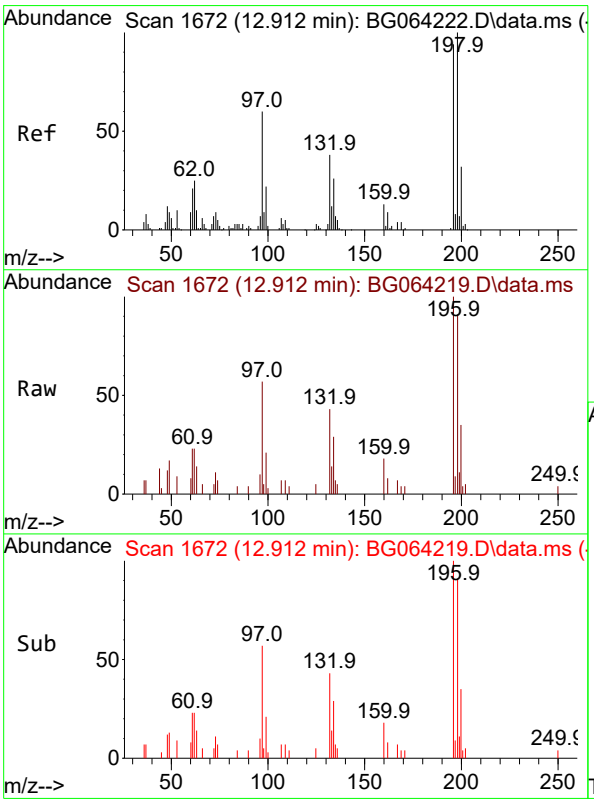
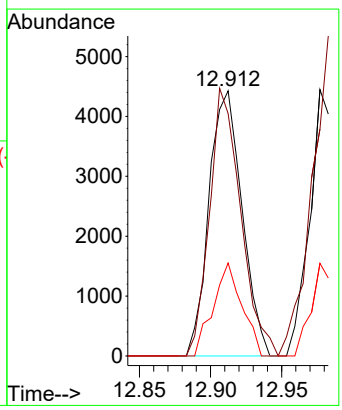
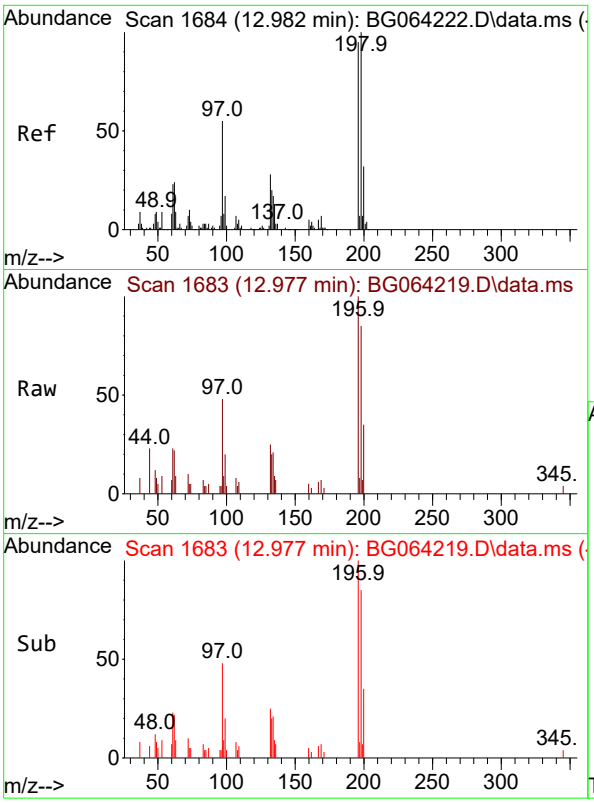


#43
2,4,6-Trichlorophenol
Concen: 4.721 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:196 Resp: 7156

Ion	Ratio	Lower	Upper
196	100		
198	91.4	85.4	128.2
200	39.0	27.3	40.9

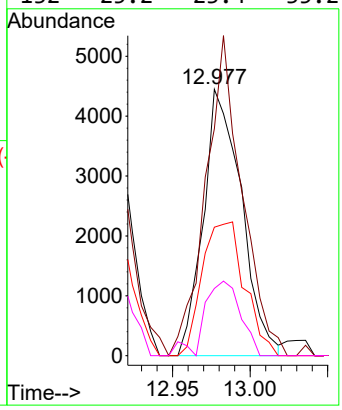




#44
2,4,5-Trichlorophenol
Concen: 4.622 ng
RT: 12.977 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:196 Resp: 760

Ion	Ratio	Lower	Upper
196	100		
198	85.2	84.5	126.7
97	48.3	46.8	70.2
132	25.2	23.4	35.2



Instrument :
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ClientSampleId :
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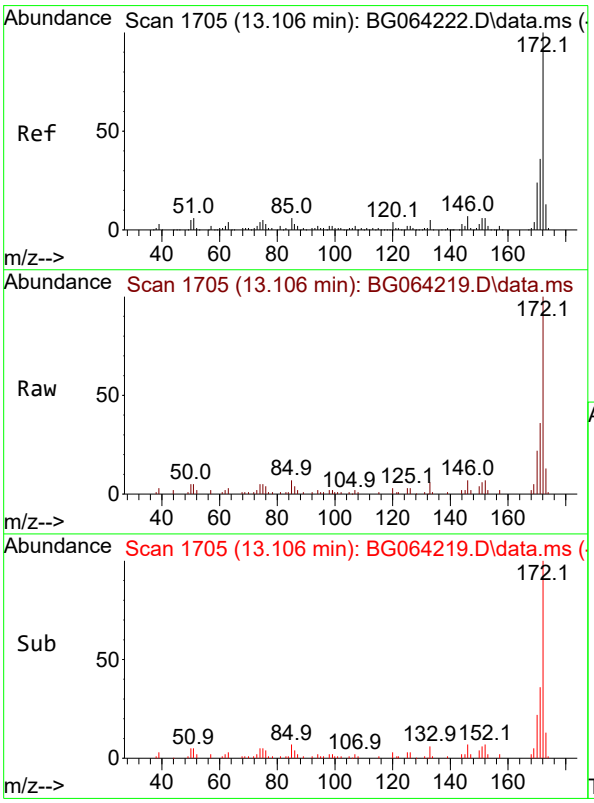
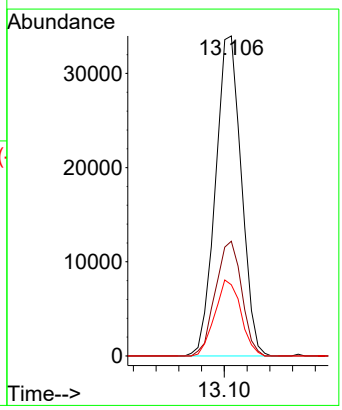
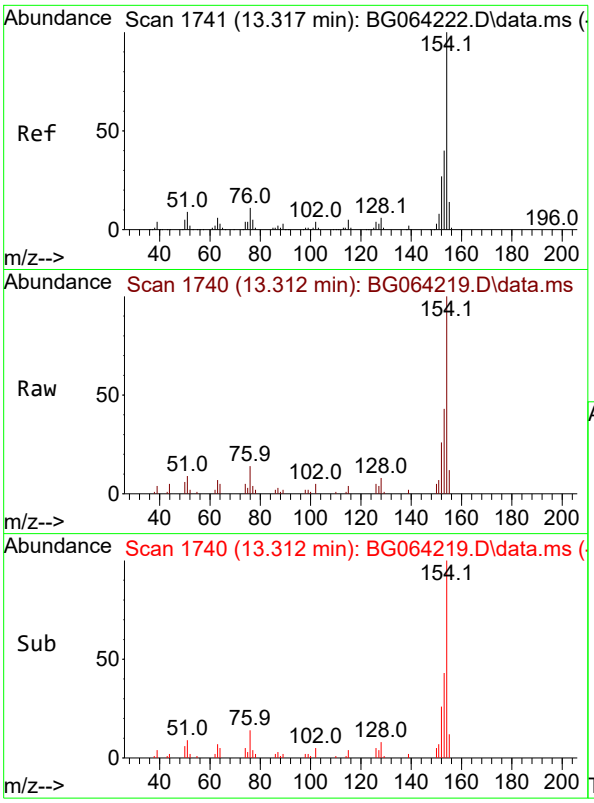


#45
2-Fluorobiphenyl
Concen: 10.409 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:172 Resp: 53596

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	22.3	19.0	28.6

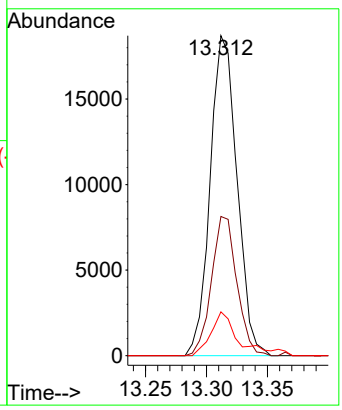




#46
1,1'-Biphenyl
Concen: 5.009 ng
RT: 13.312 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:154 Resp: 2867

Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.9	59.9
76	13.7	0.0	30.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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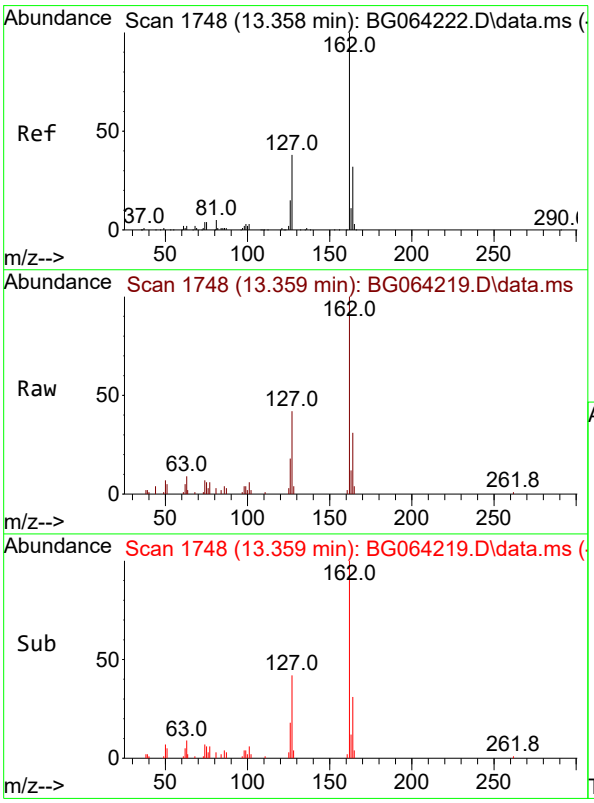
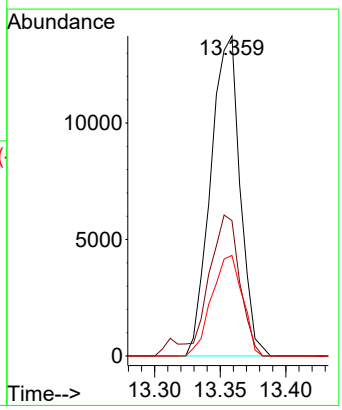
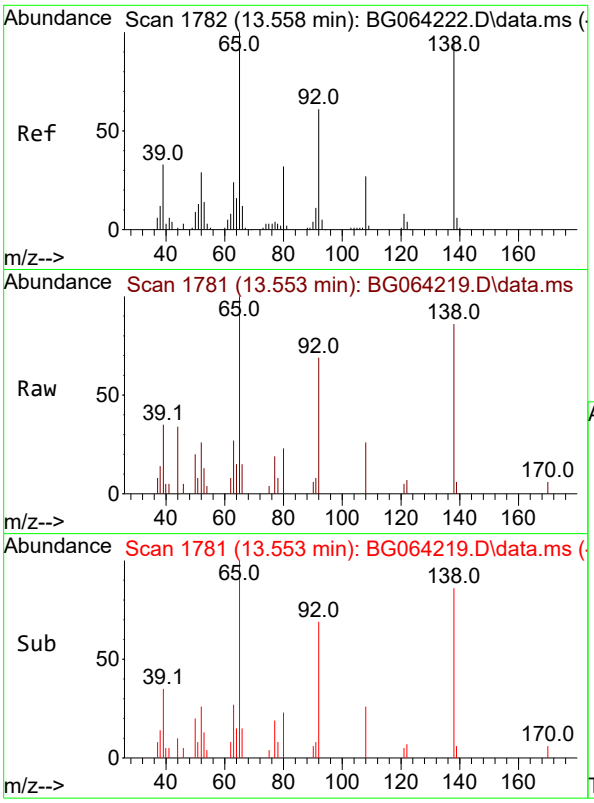


#47
2-Chloronaphthalene
Concen: 4.975 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:162 Resp: 21411

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	31.4	25.4	38.2





#48
2-Nitroaniline
Concen: 4.063 ng
RT: 13.553 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 65 Resp: 596

Ion	Ratio	Lower	Upper
65	100		
92	69.5	49.2	73.8
138	85.6	76.8	115.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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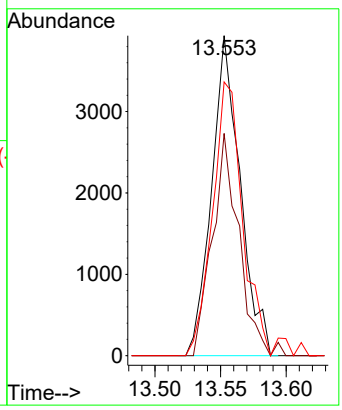
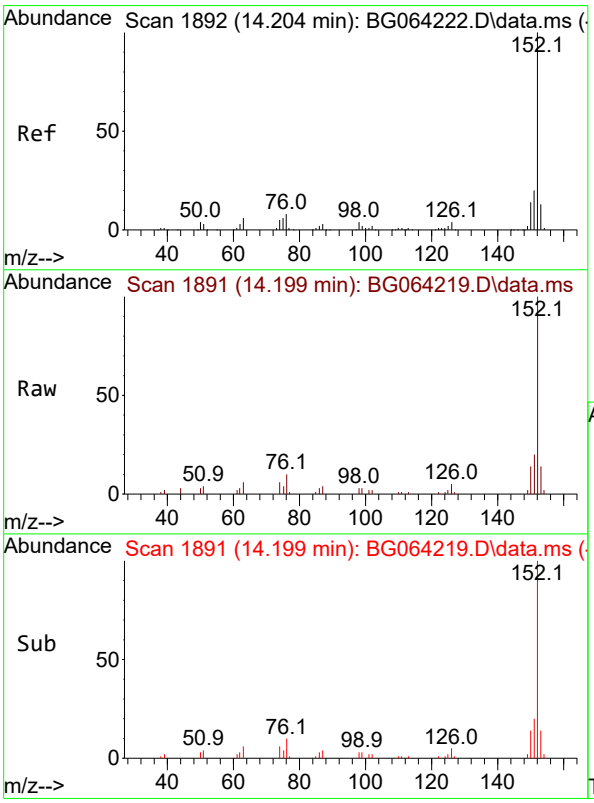
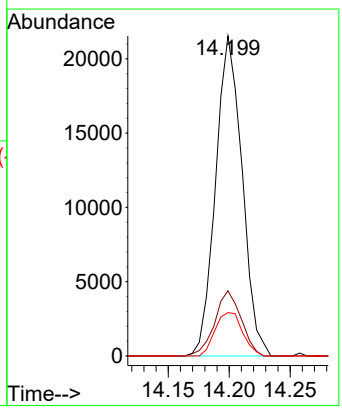


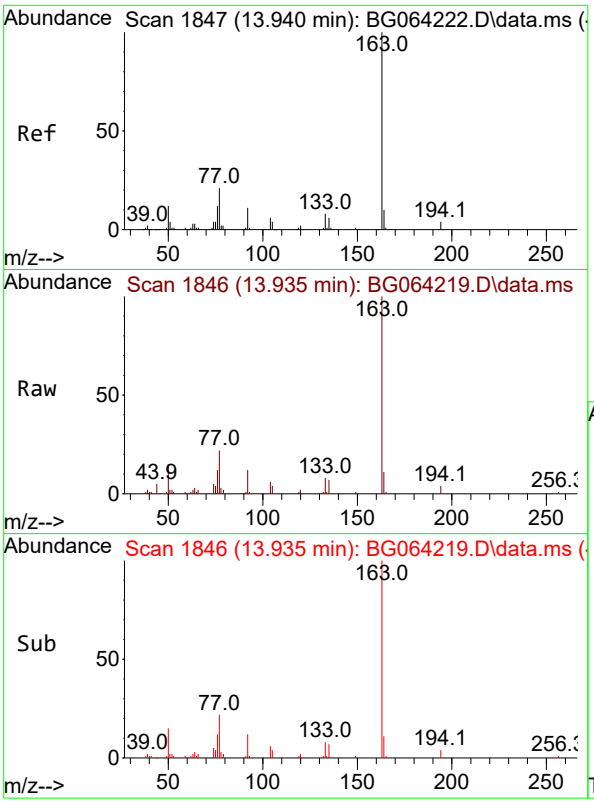


#49
Acenaphthylene
Concen: 5.116 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:152 Resp: 32547

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.6	10.1	15.1

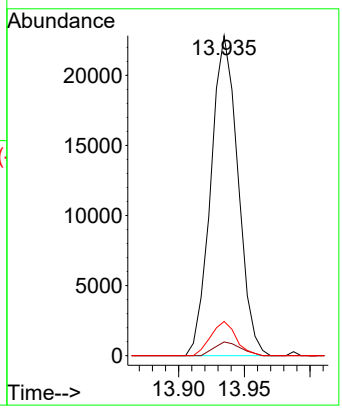




#50
Dimethylphthalate
Concen: 5.523 ng
RT: 13.935 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:163 Resp: 3285

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.7	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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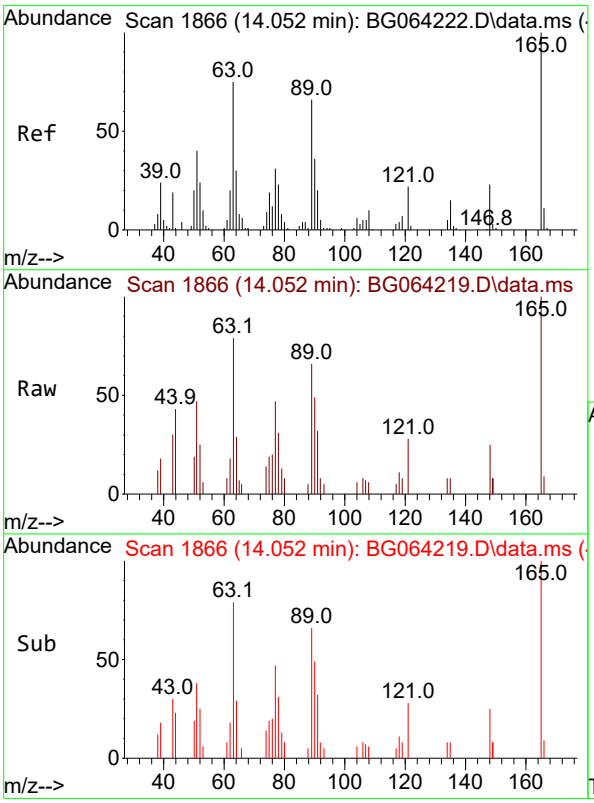
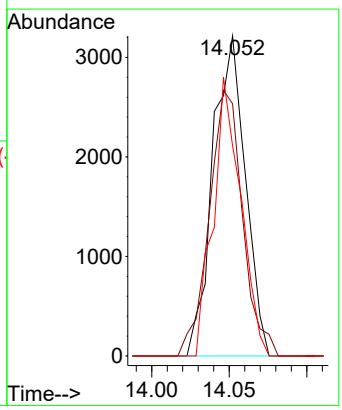
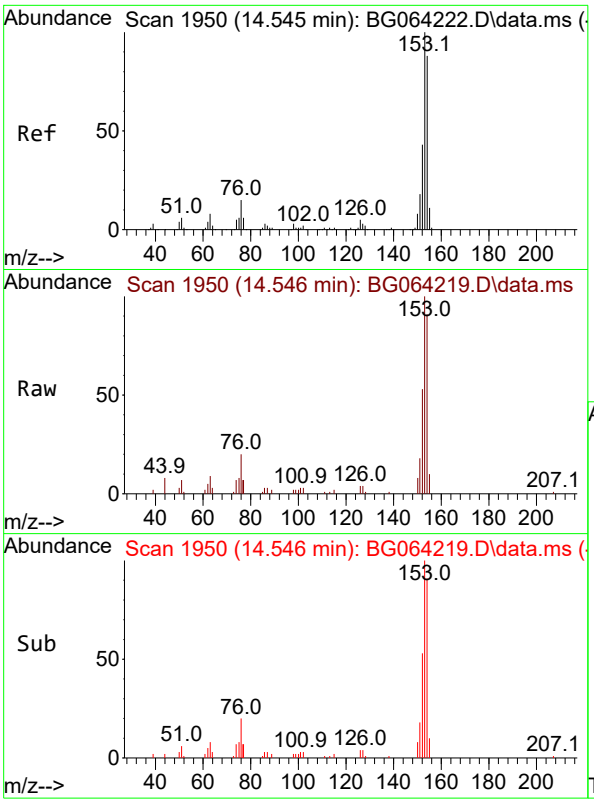


#51
2,6-Dinitrotoluene
Concen: 4.067 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:165 Resp: 4684

Ion	Ratio	Lower	Upper
165	100		
63	78.8	60.3	90.5
89	65.6	52.9	79.3

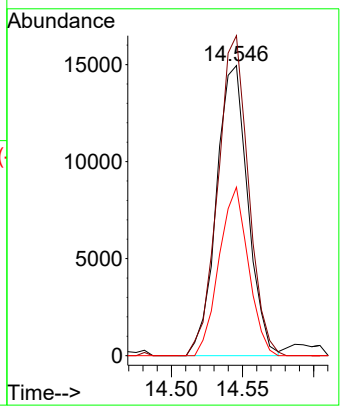




#52
Acenaphthene
Concen: 5.115 ng
RT: 14.546 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:154 Resp: 2296

Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.1	136.7
152	58.1	39.6	59.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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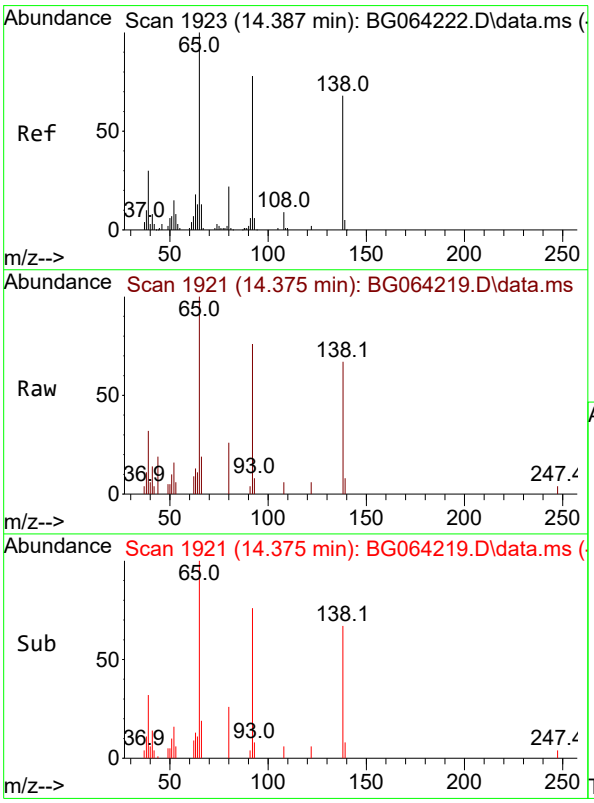
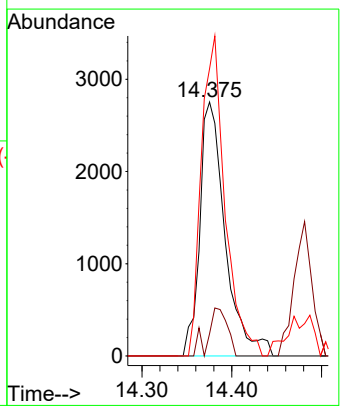
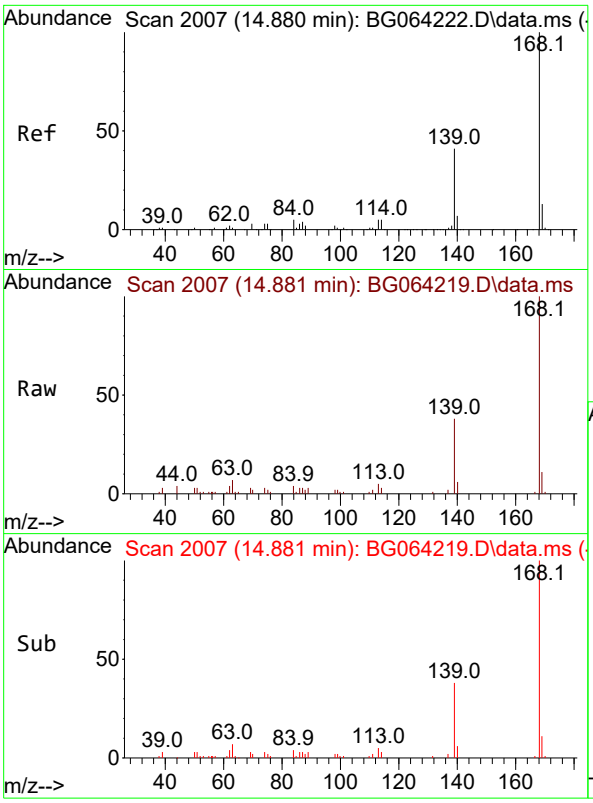


#53
3-Nitroaniline
Concen: 4.480 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:138 Resp: 5404

Ion	Ratio	Lower	Upper
138	100		
108	8.8	11.0	16.6#
92	113.1	91.4	137.0





#55
Dibenzofuran
Concen: 5.322 ng
RT: 14.881 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 3757

Ion	Ratio	Lower	Upper
168	100		
139	38.0	33.2	49.8
169	11.2	10.4	15.6

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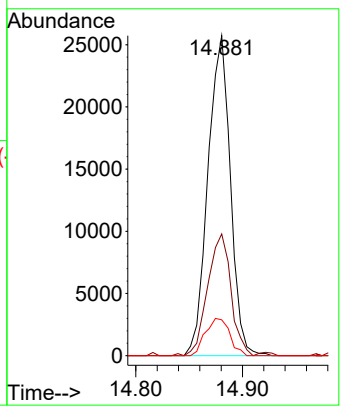
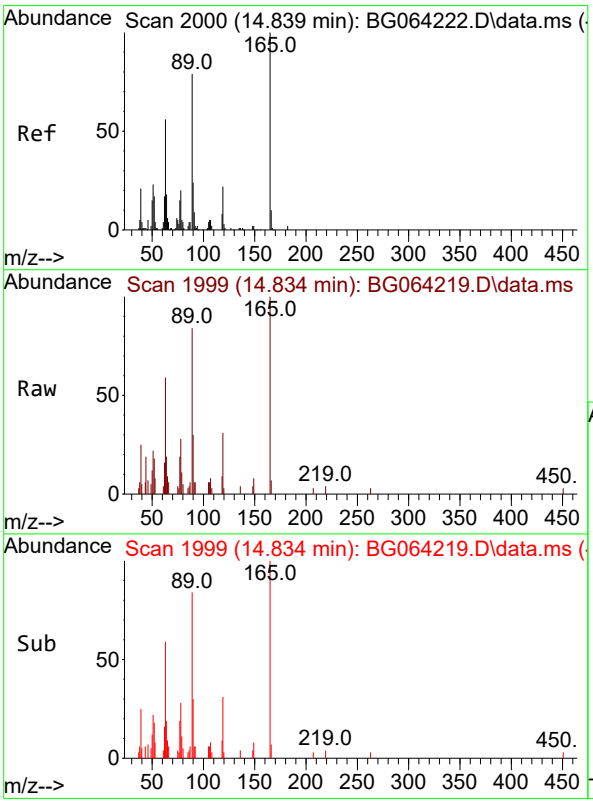
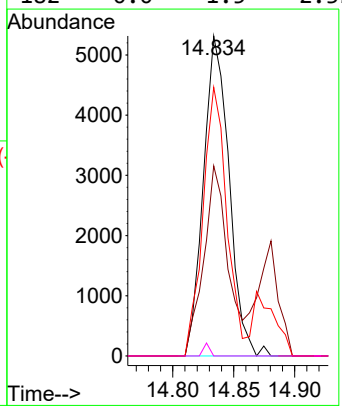


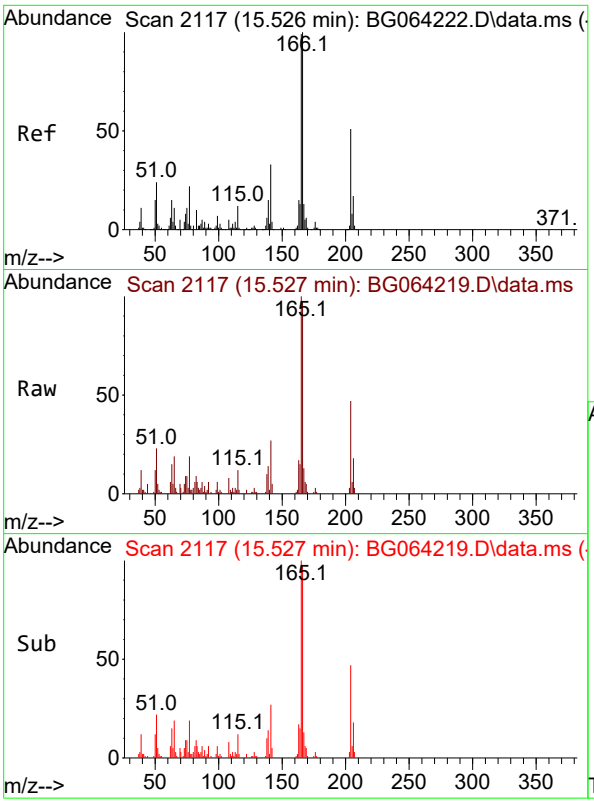


#57
2,4-Dinitrotoluene
Concen: 4.467 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:165 Resp: 7779

Ion	Ratio	Lower	Upper
165	100		
63	59.4	44.6	67.0
89	84.0	63.0	94.4
182	0.0	1.5	2.3#

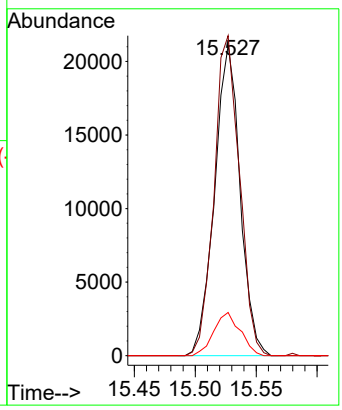




#58
Fluorene
Concen: 5.318 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:166 Resp: 3077

Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.1	118.7
167	13.9	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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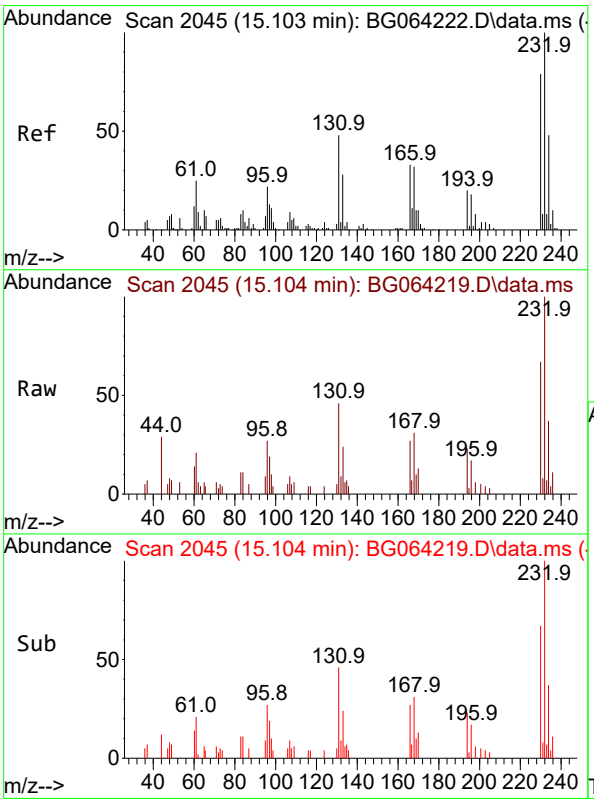
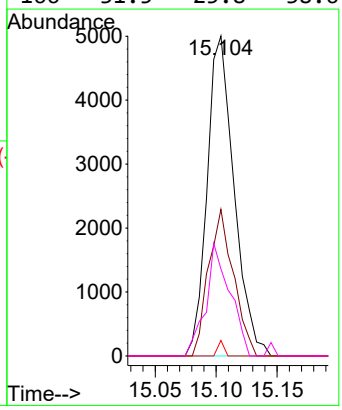
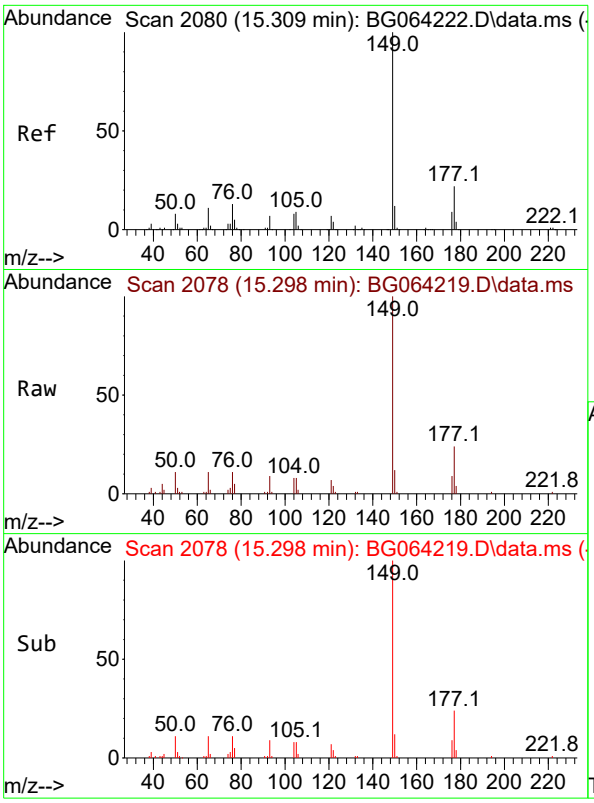


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.866 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:232 Resp: 7695

Ion	Ratio	Lower	Upper
232	100		
131	42.5	37.1	55.7
130	1.1	2.6	3.8#
166	31.5	25.8	38.6

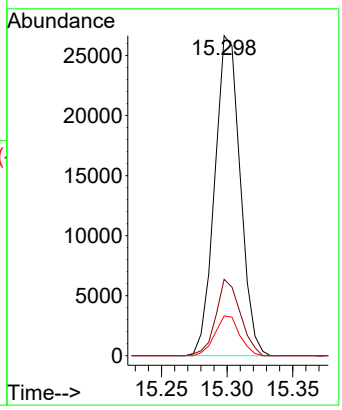




#60
Diethylphthalate
Concen: 5.646 ng
RT: 15.298 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:149 Resp: 3594

Ion	Ratio	Lower	Upper
149	100		
177	23.9	17.5	26.3
150	12.4	9.9	14.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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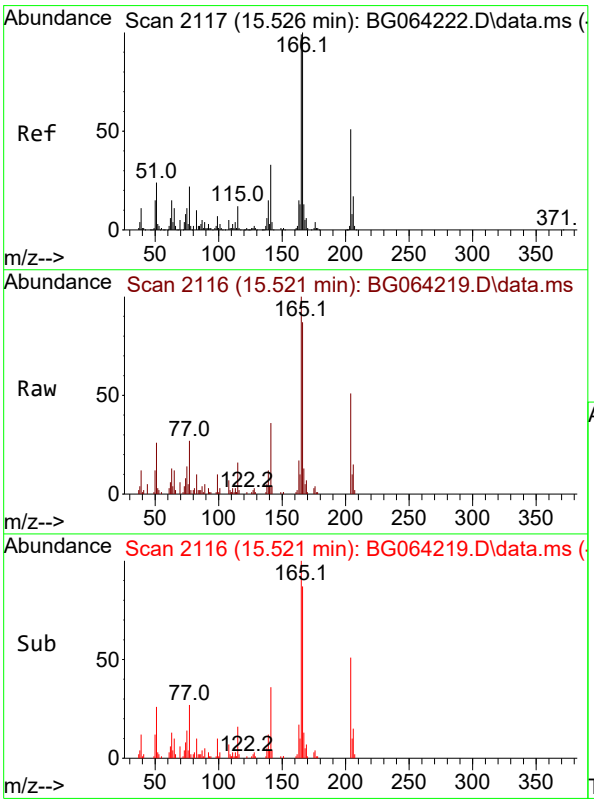
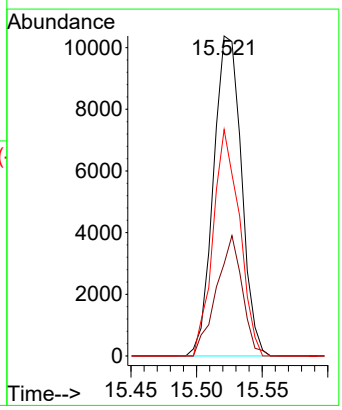
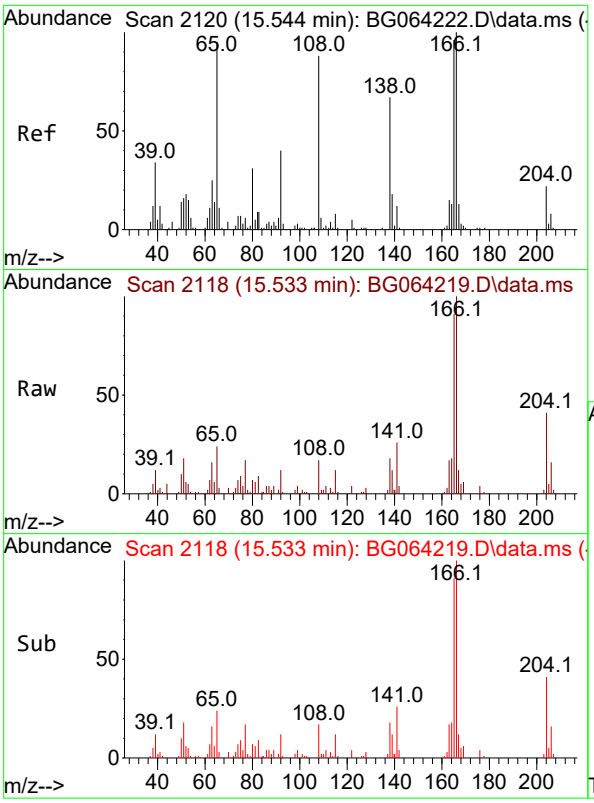


#61
4-Chlorophenyl-phenylether
Concen: 5.318 ng
RT: 15.521 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:204 Resp: 15345

Ion	Ratio	Lower	Upper
204	100		
206	28.8	26.2	39.4
141	70.7	51.9	77.9

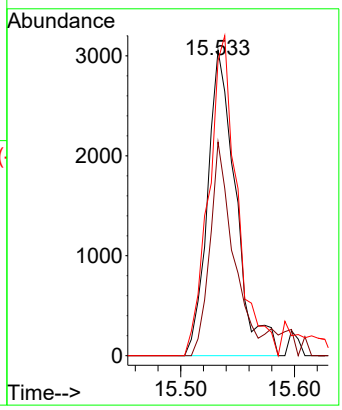




#62
4-Nitroaniline
Concen: 4.268 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:138 Resp: 525

Ion	Ratio	Lower	Upper
138	100		
92	70.0	39.1	79.1
108	96.6	111.3	151.3#



Instrument :
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ClientSampleId :
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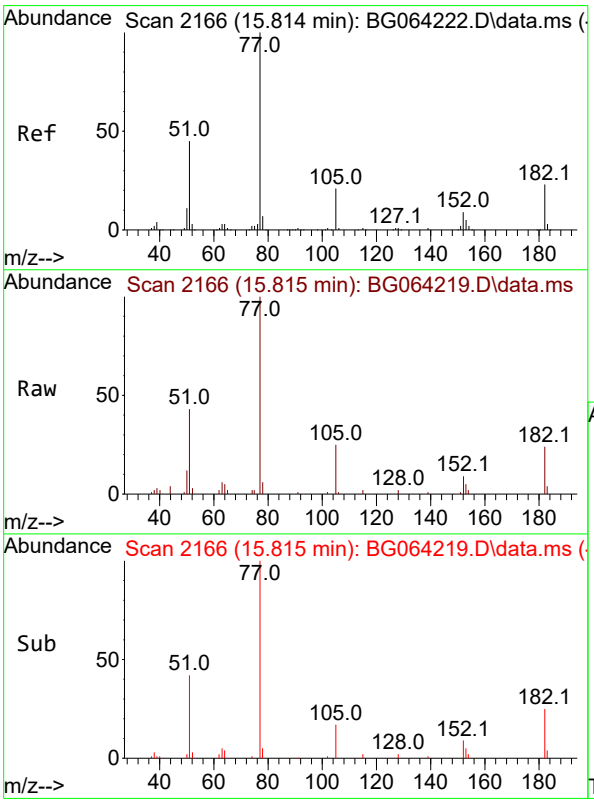
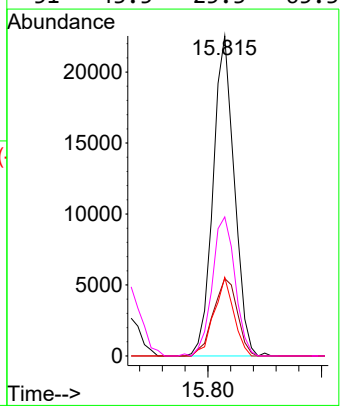
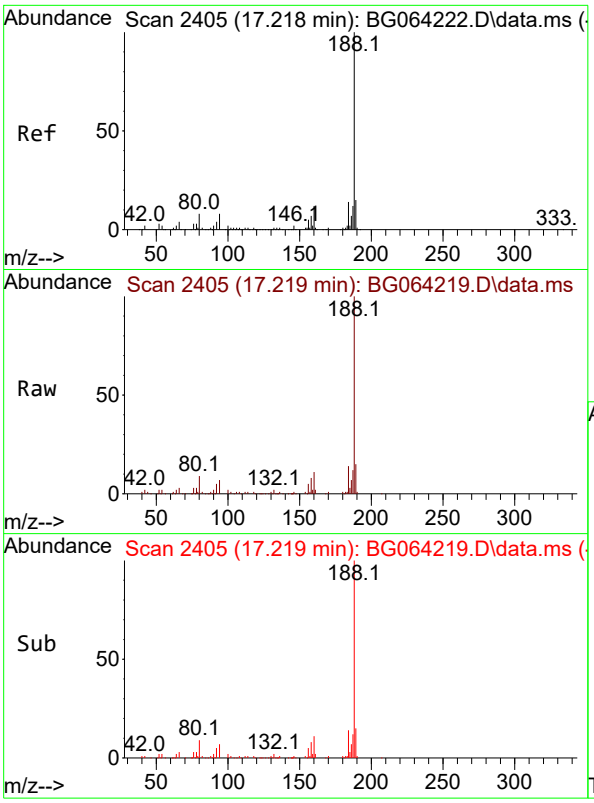


#63
Azobenzene
Concen: 5.159 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion: 77 Resp: 29276

Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.3	43.3
105	24.5	0.6	40.6
51	43.5	25.3	65.3

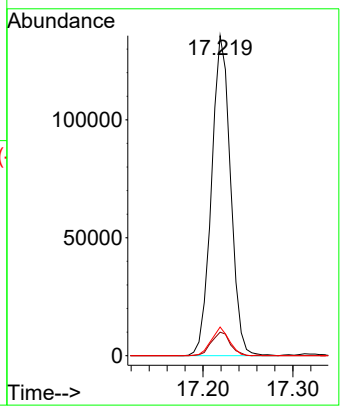




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:188 Resp: 19984

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.9	6.8	10.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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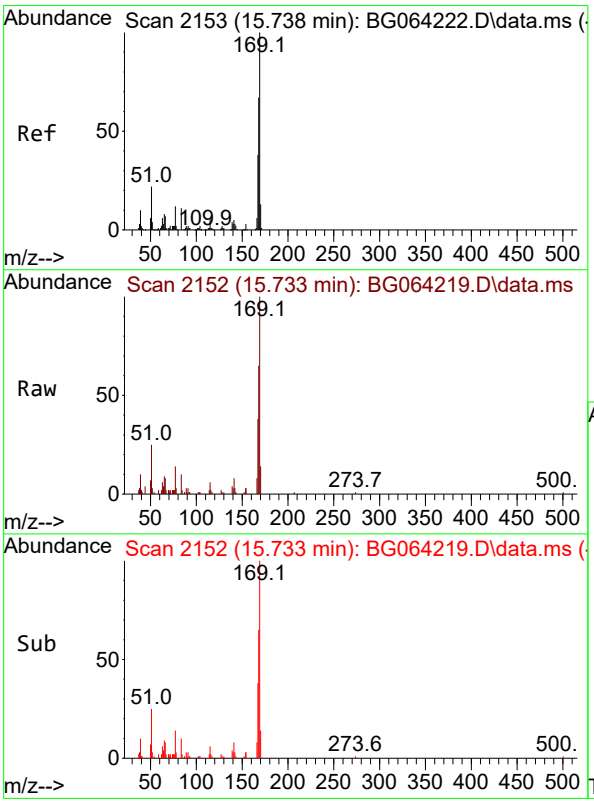
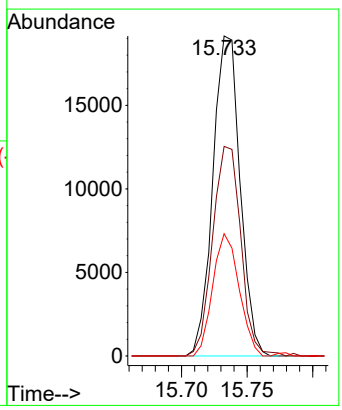
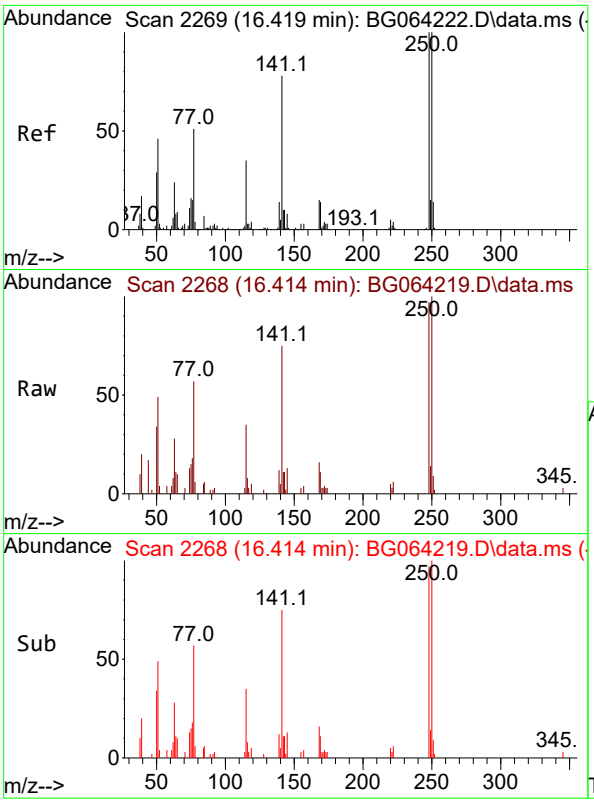


#66
n-Nitrosodiphenylamine
Concen: 5.022 ng
RT: 15.733 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:169 Resp: 27609

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.8	80.8
167	38.2	30.2	45.2





#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.414 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:248 Resp: 974

Ion	Ratio	Lower	Upper
248	100		
250	102.6	80.2	120.4
141	77.0	62.4	93.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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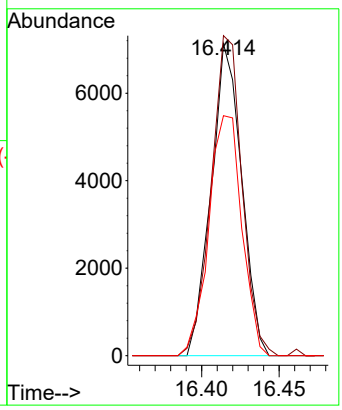
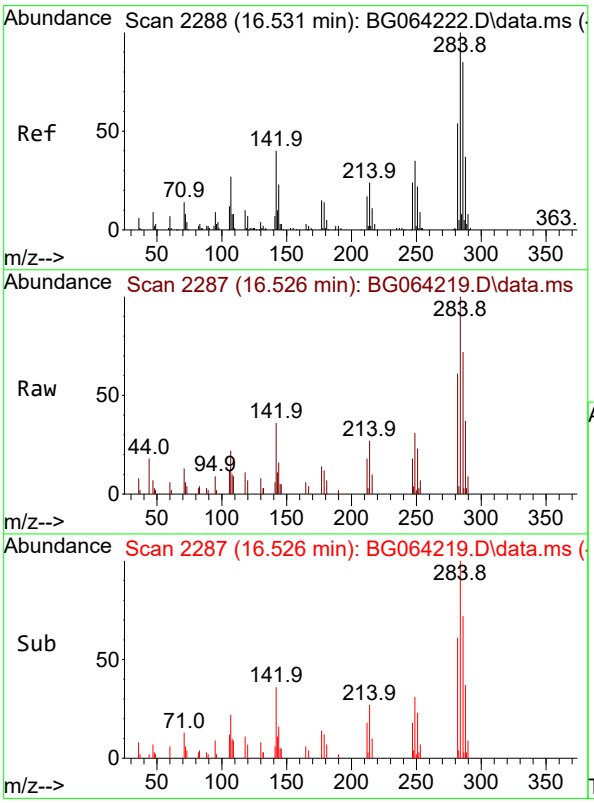
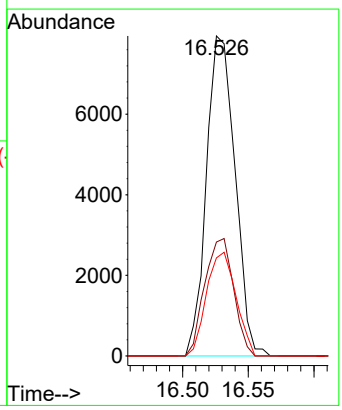


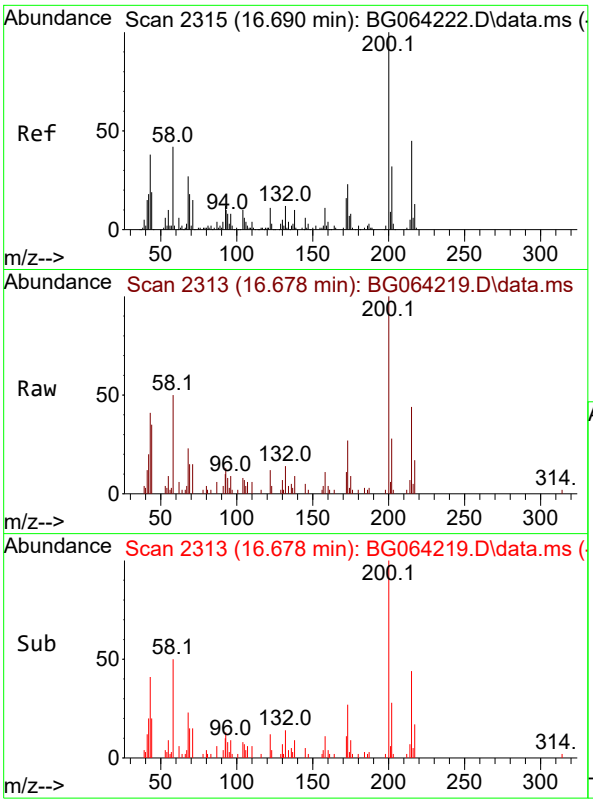


#68
Hexachlorobenzene
Concen: 5.109 ng
RT: 16.526 min Scan# 2287
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:284 Resp: 12043

Ion	Ratio	Lower	Upper
284	100		
142	35.6	32.1	48.1
249	30.6	28.3	42.5

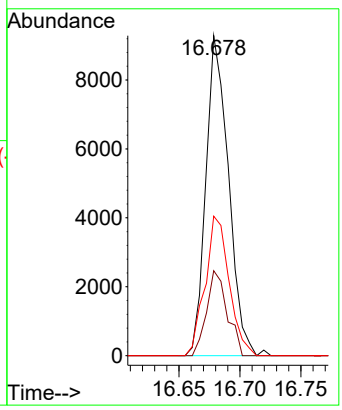




#69
Atrazine
Concen: 5.228 ng
RT: 16.678 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:200 Resp: 1200

Ion	Ratio	Lower	Upper
200	100		
173	26.6	3.5	43.5
215	43.6	24.8	64.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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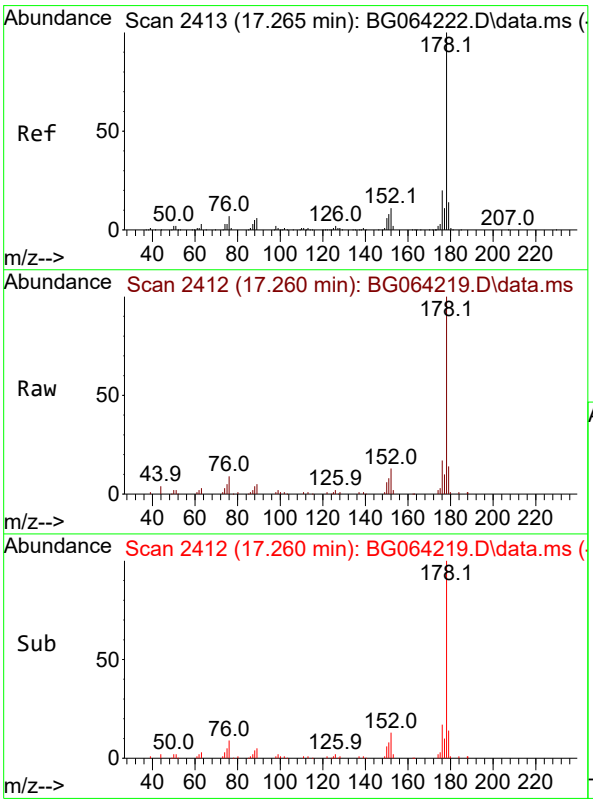
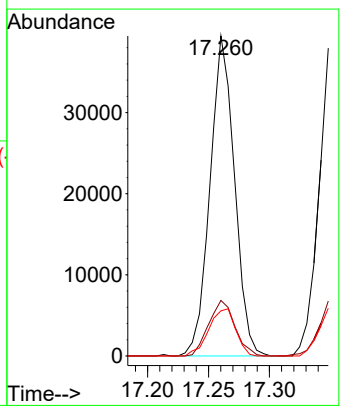
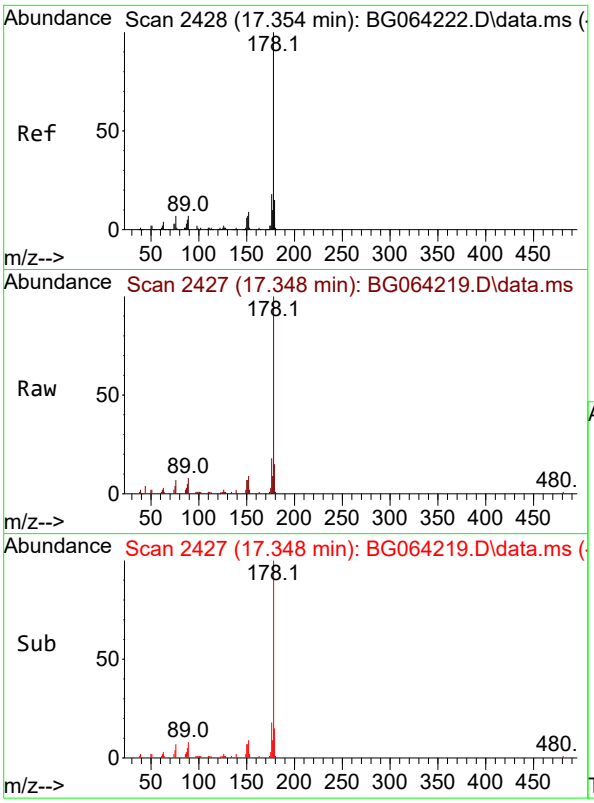


#71
Phenanthrene
Concen: 5.227 ng
RT: 17.260 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:178 Resp: 55100

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.9	23.9
179	14.1	11.4	17.2





#72
Anthracene
Concen: 5.237 ng
RT: 17.348 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:178 Resp: 5615

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.5	12.1	18.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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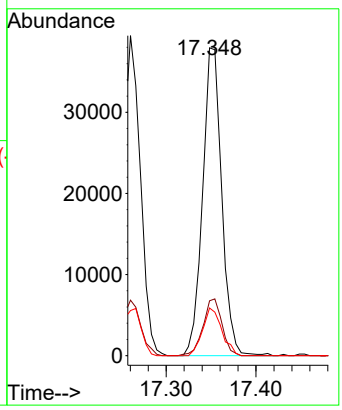
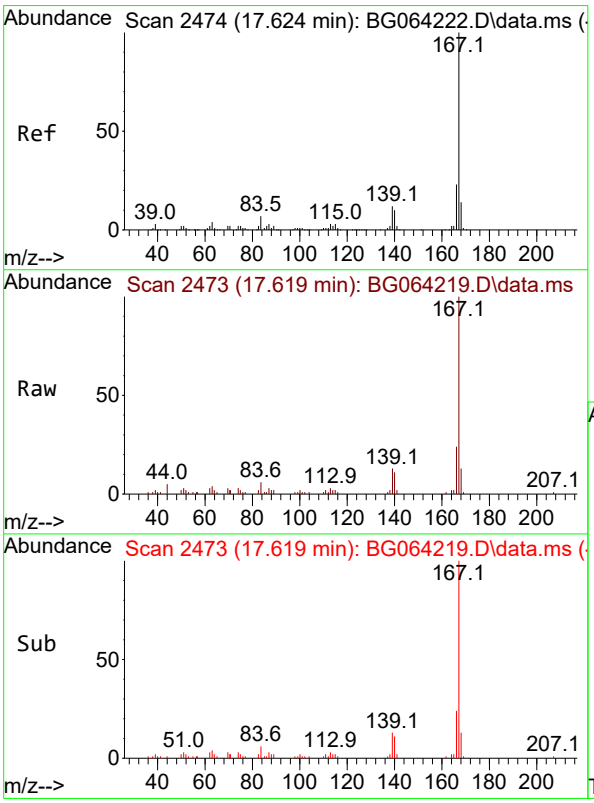
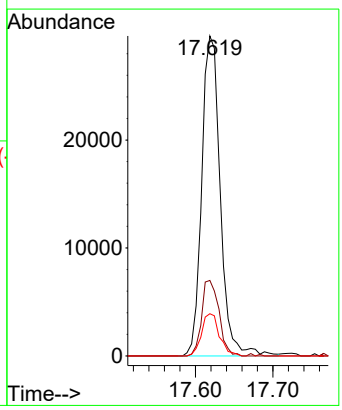


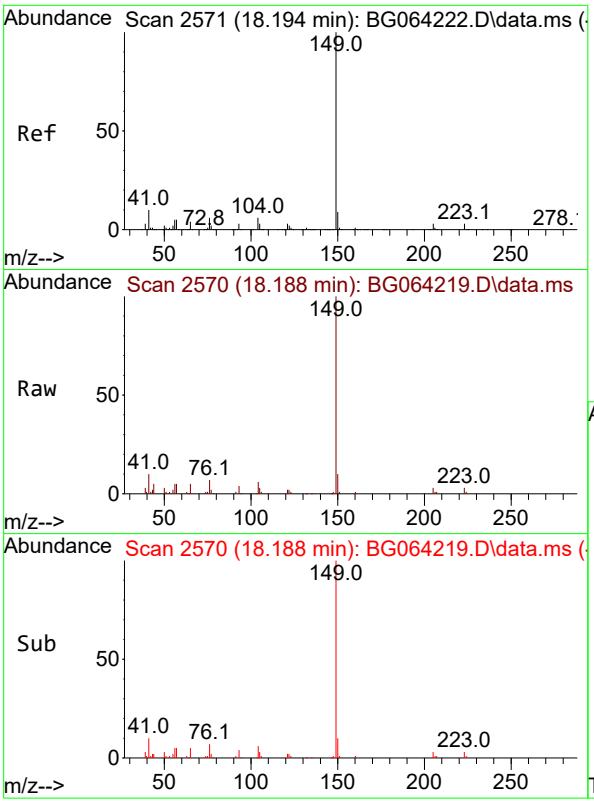


#73
Carbazole
Concen: 5.213 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:167 Resp: 49241

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.2
139	13.2	9.8	14.6

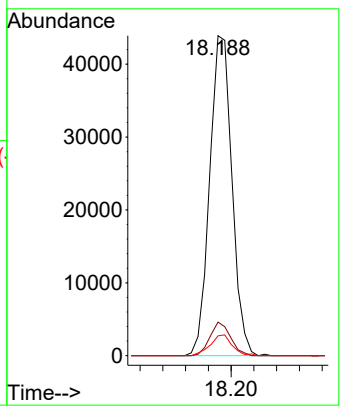




#74
Di-n-butylphthalate
Concen: 5.267 ng
RT: 18.188 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:149 Resp: 5976

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.5	11.3
104	6.2	4.6	7.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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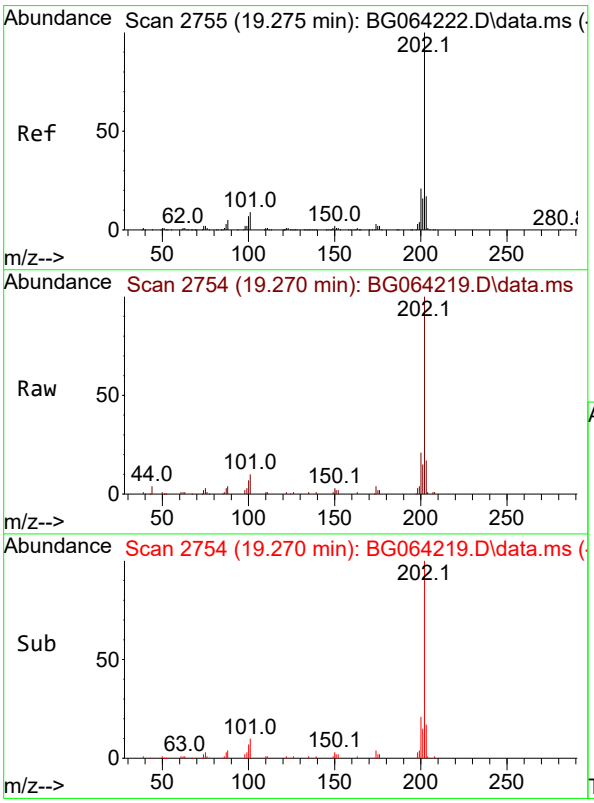
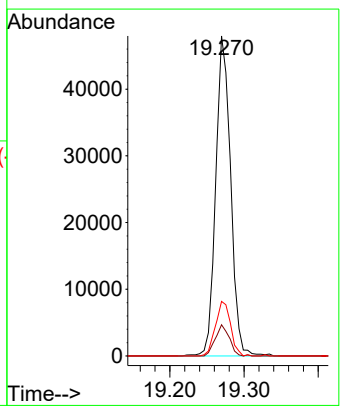
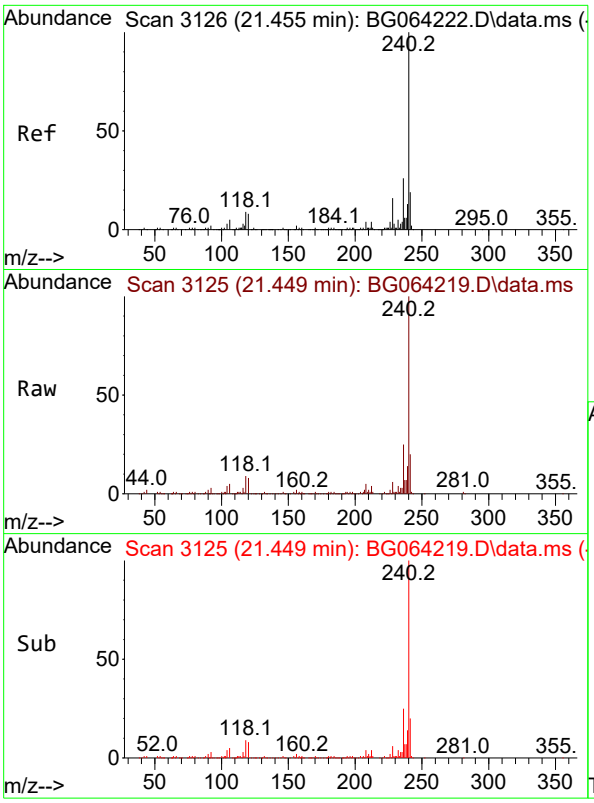


#75
Fluoranthene
Concen: 5.403 ng
RT: 19.270 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 66964

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.7
203	17.0	0.0	36.9

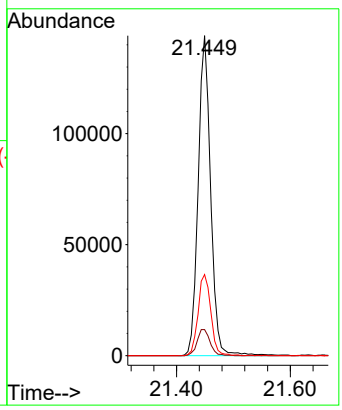




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:240 Resp: 21968

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.4
236	25.3	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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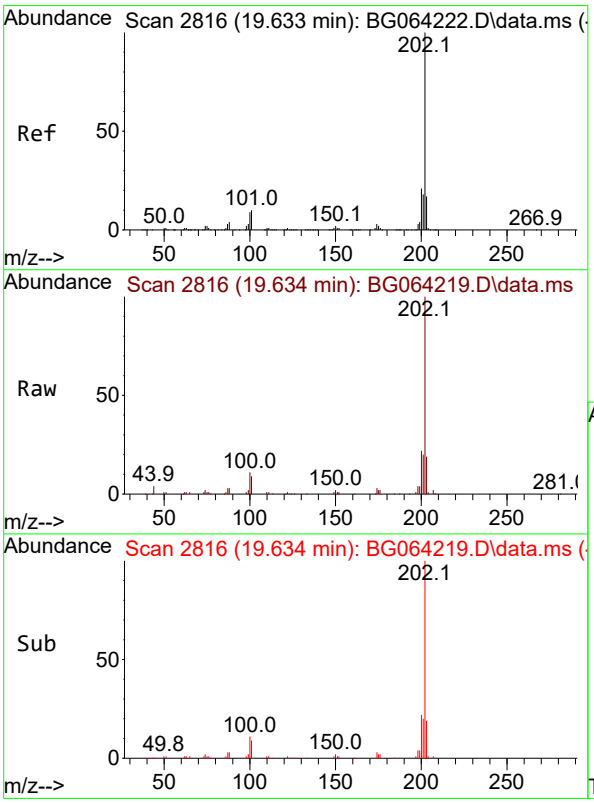
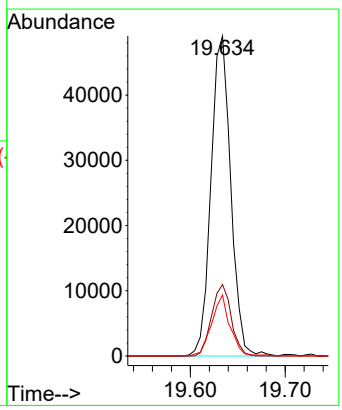
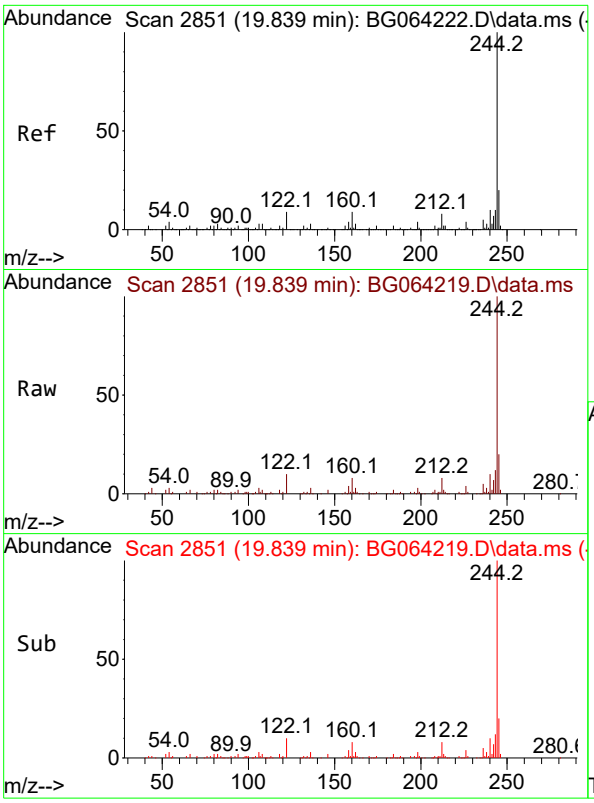


#78
Pyrene
Concen: 5.127 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 70961

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	19.1	13.8	20.8

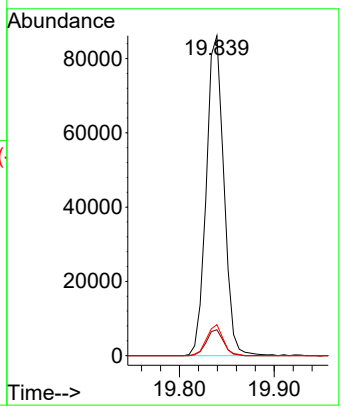




#79
Terphenyl-d14
Concen: 10.529 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:244 Resp: 11086

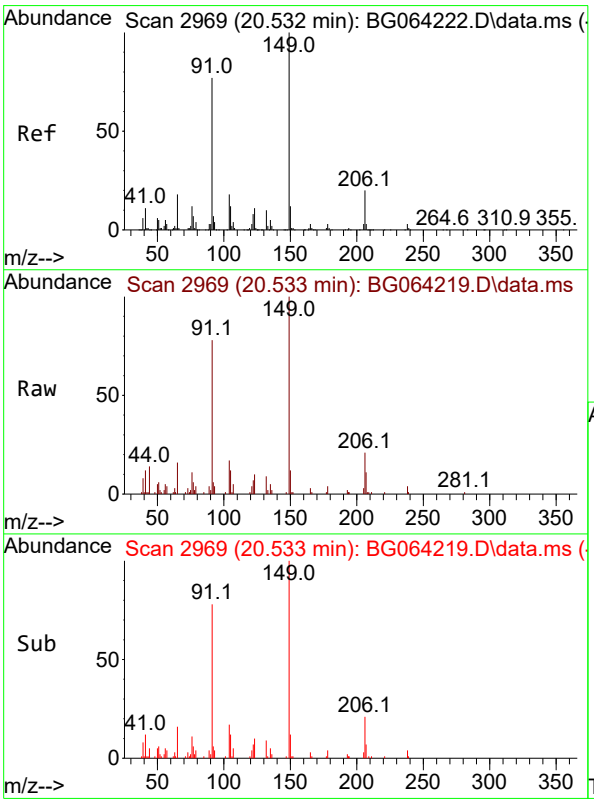
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	9.7	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

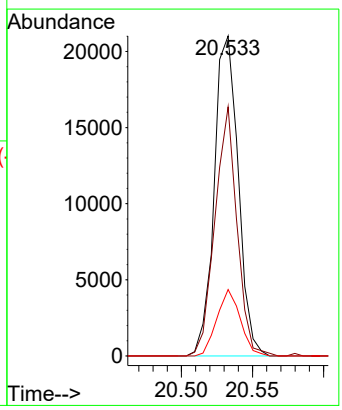
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

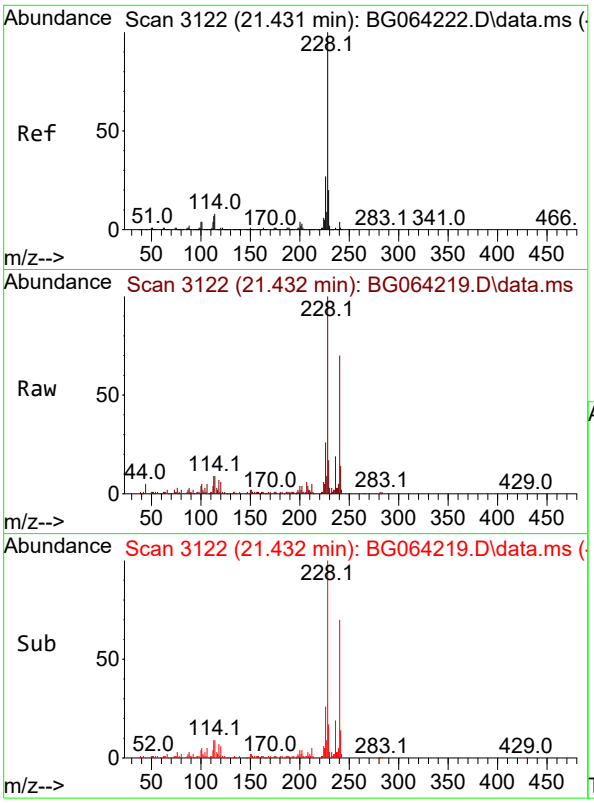


#80
Butylbenzylphthalate
Concen: 4.720 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:149 Resp: 24638

Ion	Ratio	Lower	Upper
149	100		
91	77.9	61.4	92.0
206	20.7	15.8	23.6

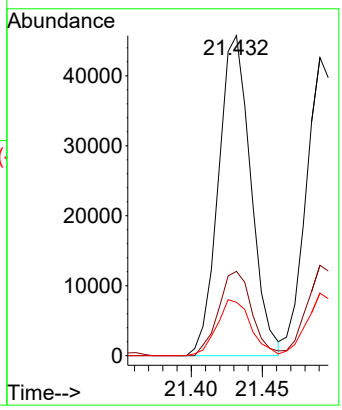




#81
Benzo(a)anthracene
Concen: 5.169 ng
RT: 21.432 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:228 Resp: 7264

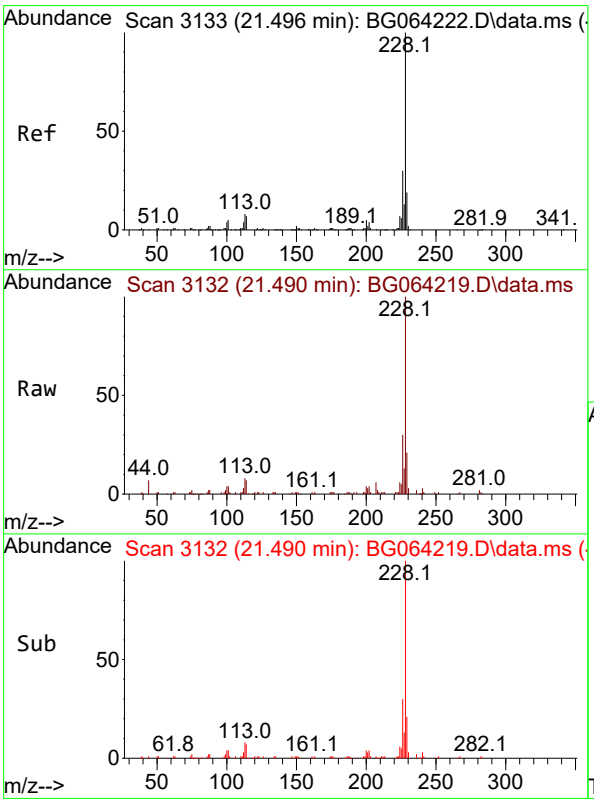
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	16.7	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

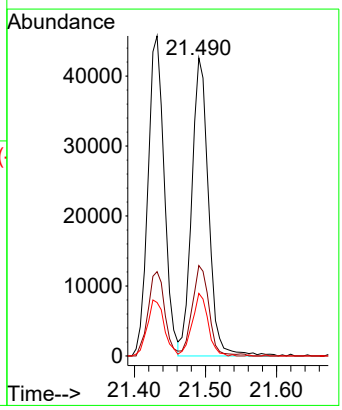
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

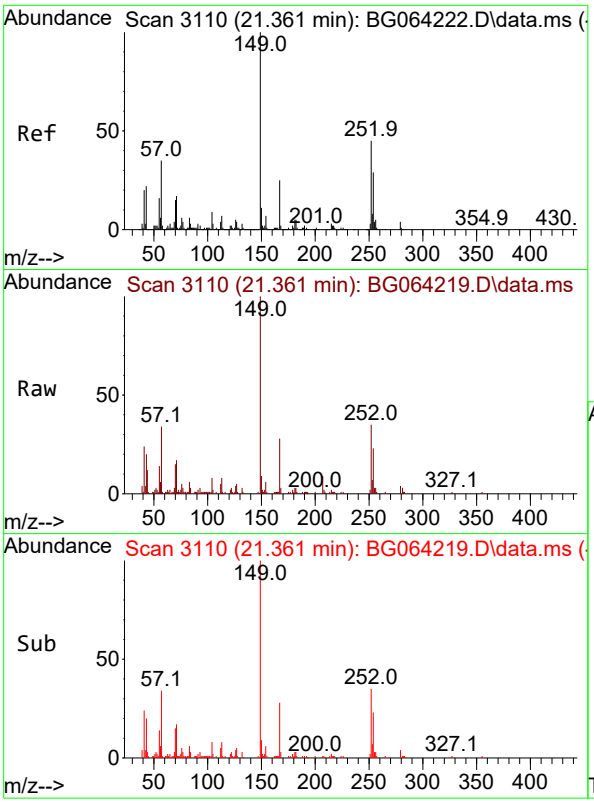


#83
Chrysene
Concen: 5.199 ng
RT: 21.490 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:228 Resp: 70143

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	21.0	15.4	23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.000 ng
RT: 21.361 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

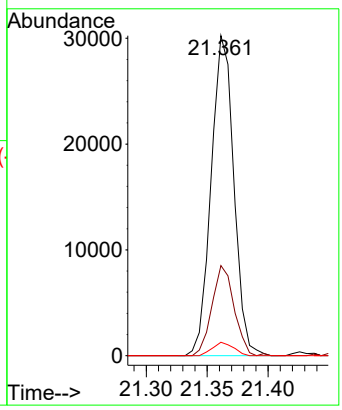
Tgt Ion:149 Resp: 3918

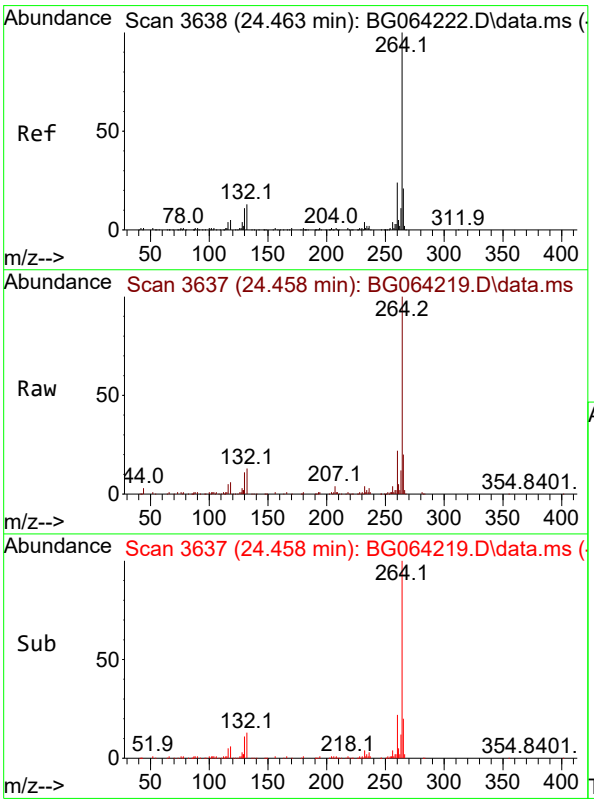
Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.0	30.0
279	4.2	3.0	4.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

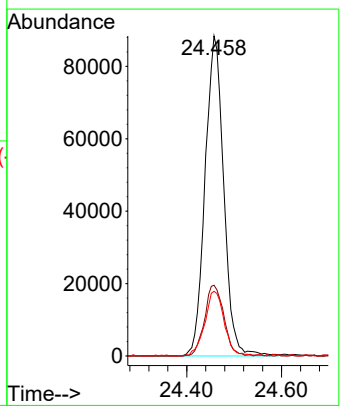


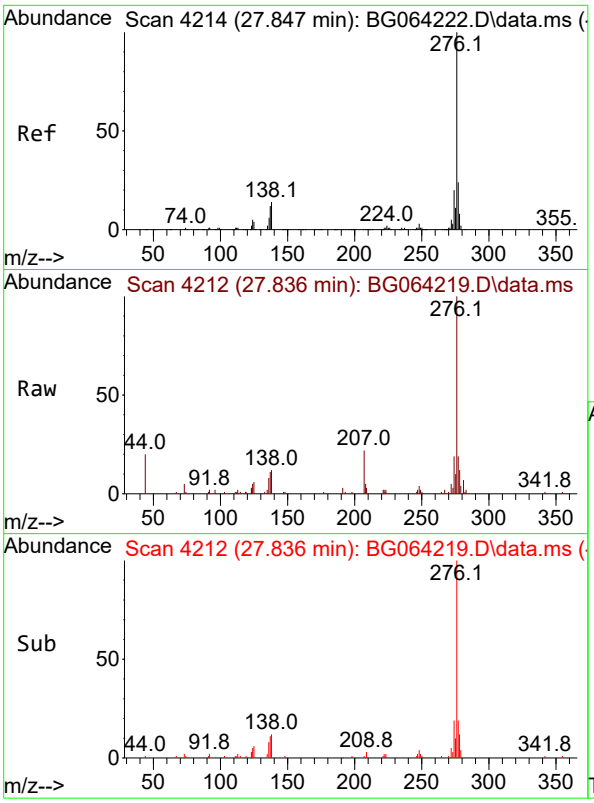


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:264 Resp: 241429

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	20.2	16.7	25.1

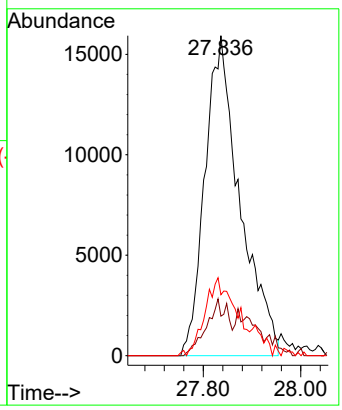




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.812 ng
RT: 27.836 min Scan# 4
Delta R.T. -0.035 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:276 Resp: 7933

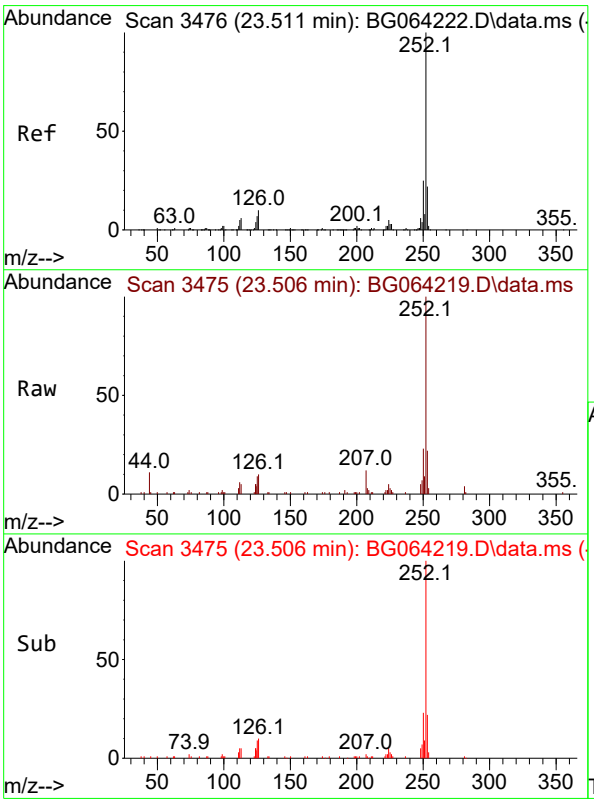
Ion	Ratio	Lower	Upper
276	100		
138	10.8	7.4	11.0
277	21.0	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

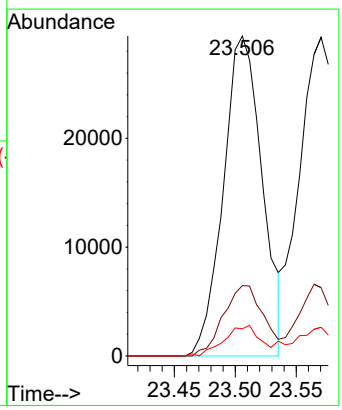
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

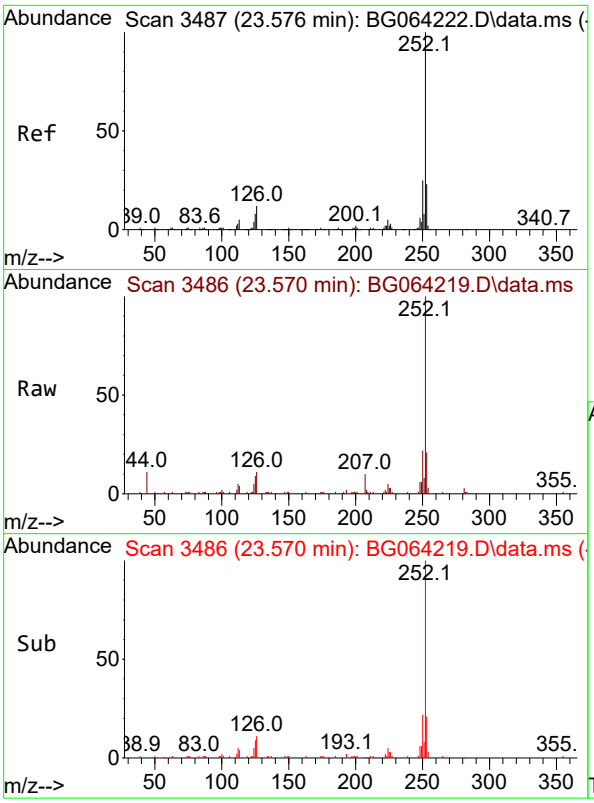


#88
Benzo(b)fluoranthene
Concen: 4.778 ng
RT: 23.506 min Scan# 3475
Delta R.T. -0.012 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 65111

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.5	5.9	8.9

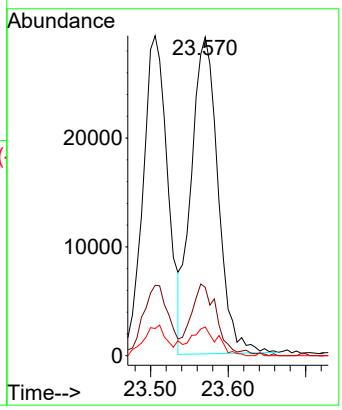




#89
Benzo(k)fluoranthene
Concen: 5.049 ng
RT: 23.570 min Scan# 34
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 7008

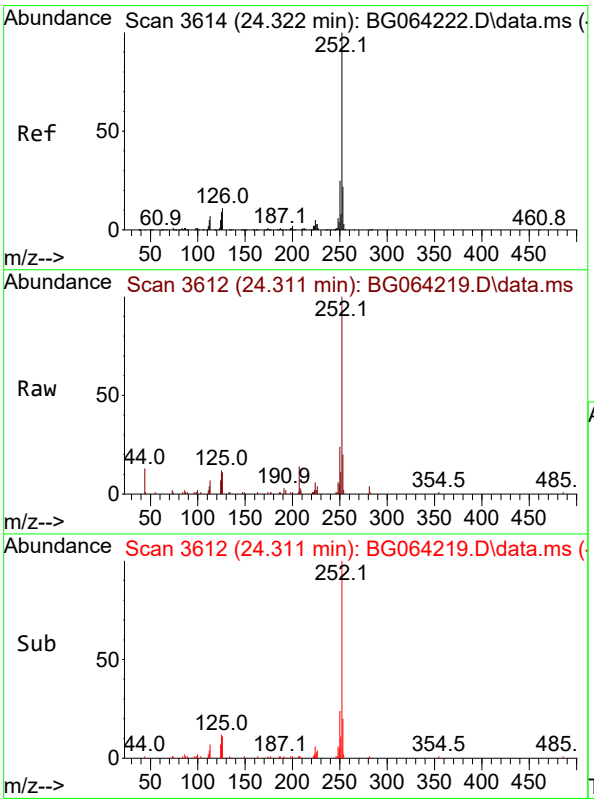
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	9.0	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

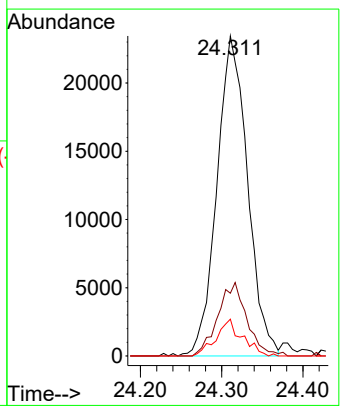
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

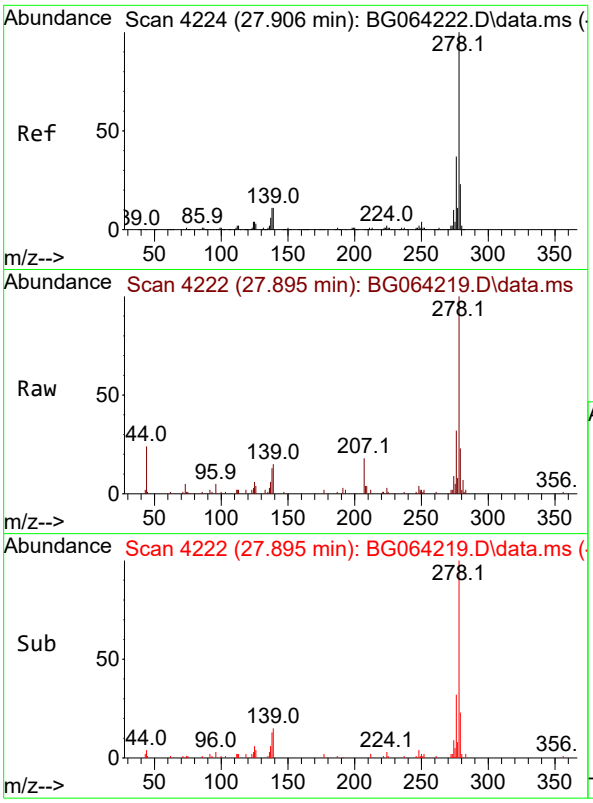


#90
Benzo(a)pyrene
Concen: 4.851 ng
RT: 24.311 min Scan# 3612
Delta R.T. -0.017 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 61491

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.4	26.2
125	11.5	7.0	10.6#

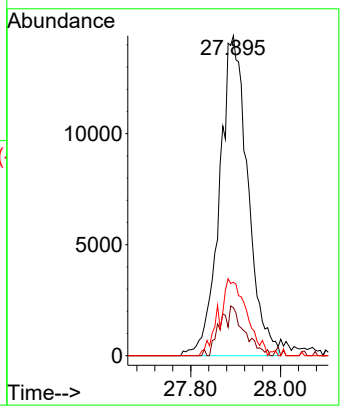




#91
Dibenzo(a,h)anthracene
Concen: 4.760 ng
RT: 27.895 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:278 Resp: 6301

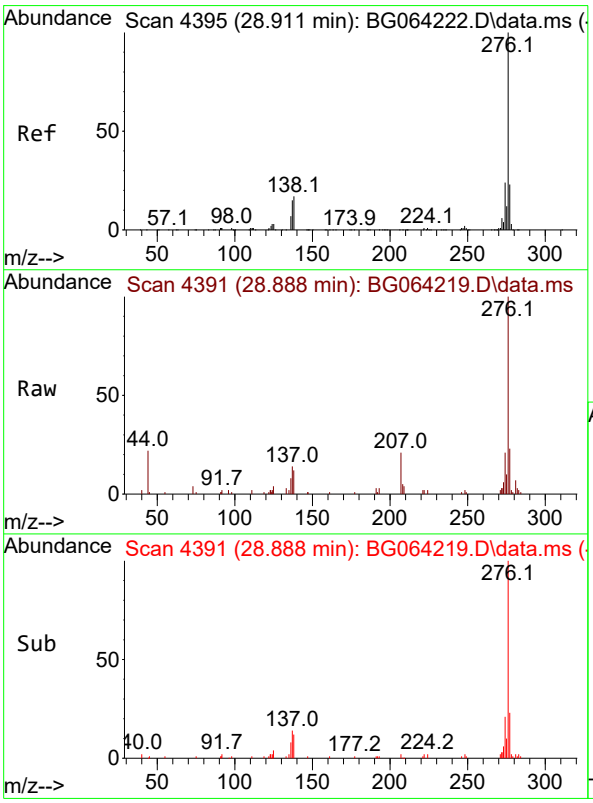
Ion	Ratio	Lower	Upper
278	100		
139	15.0	9.0	13.4#
279	23.0	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

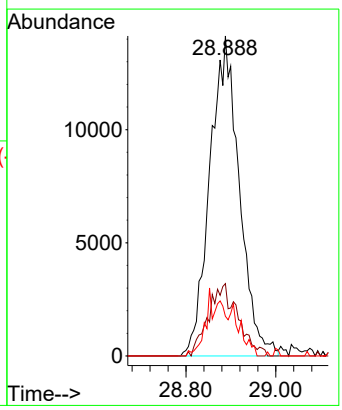
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 4.999 ng
RT: 28.888 min Scan# 4391
Delta R.T. -0.047 min
Lab File: BG064219.D
Acq: 28 Aug 2025 11:32

Tgt Ion:276 Resp: 64396

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.2	27.4
138	12.4	13.3	19.9#



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	26130	20.000	ng		0.00
21) Naphthalene-d8	10.641	136	128271	20.000	ng	#	0.00
39) Acenaphthene-d10	14.483	164	94175	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	221898	20.000	ng		0.00
76) Chrysene-d12	21.451	240	230611	20.000	ng		0.00
86) Perylene-d12	24.460	264	253168	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	28574	19.619	ng		0.00
7) Phenol-d6	7.021	99	38784	19.383	ng		0.00
23) Nitrobenzene-d5	9.007	82	43627	18.968	ng		0.00
42) 2,4,6-Tribromophenol	15.964	330	24110	19.328	ng		0.00
45) 2-Fluorobiphenyl	13.102	172	121075	19.623	ng		0.00
79) Terphenyl-d14	19.842	244	224585	20.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	6848	11.281	ng		84
3) Pyridine	3.749	79	17966	10.054	ng	#	53
4) n-Nitrosodimethylamine	3.666	42	11613	9.825	ng	#	94
6) Aniline	7.180	93	26763	9.672	ng		95
8) 2-Chlorophenol	7.427	128	16813	9.447	ng		95
9) Benzaldehyde	6.998	77	15436	9.374	ng		97
10) Phenol	7.045	94	21260	9.637	ng		96
11) bis(2-Chloroethyl)ether	7.280	93	16500	9.953	ng		87
12) 1,3-Dichlorobenzene	7.744	146	19342	10.216	ng		98
13) 1,4-Dichlorobenzene	7.891	146	19887	10.407	ng		93
14) 1,2-Dichlorobenzene	8.208	146	19045	10.327	ng		92
15) Benzyl Alcohol	8.091	79	16948	9.179	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.378	45	38145	10.079	ng		95
17) 2-Methylphenol	8.290	107	16238	9.876	ng		87
18) Hexachloroethane	8.937	117	7549	10.121	ng		92
19) n-Nitroso-di-n-propyla...	8.655	70	15150	9.893	ng	#	95
20) 3+4-Methylphenols	8.619	107	22656	9.917	ng		98
22) Acetophenone	8.672	105	31085	9.579	ng	#	97
24) Nitrobenzene	9.048	77	22299	9.279	ng		98
25) Isophorone	9.571	82	46345	9.695	ng		99
26) 2-Nitrophenol	9.759	139	9333	8.988	ng	#	83
27) 2,4-Dimethylphenol	9.818	122	17379	9.533	ng		95
28) bis(2-Chloroethoxy)met...	10.059	93	25711	9.975	ng	#	96
29) 2,4-Dichlorophenol	10.288	162	17846	9.278	ng		95
30) 1,2,4-Trichlorobenzene	10.505	180	19563	9.646	ng		97
31) Naphthalene	10.693	128	64906	9.758	ng		97
32) Benzoic acid	9.906	122	10223m	7.064	ng		
33) 4-Chloroaniline	10.799	127	24285	9.420	ng		99
34) Hexachlorobutadiene	10.987	225	15152	10.107	ng	#	92
35) Caprolactam	11.545	113	6949	9.330	ng	#	88
36) 4-Chloro-3-methylphenol	11.921	107	24476	9.807	ng		98
37) 2-Methylnaphthalene	12.303	142	47947	9.698	ng		96
38) 1-Methylnaphthalene	12.521	142	48414	9.914	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	26203	9.643	ng		99
41) Hexachlorocyclopentadiene	12.656	237	10398	8.052	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	17055	9.391	ng		87

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	18196	9.236	ng		92
46) 1,1'-Biphenyl	13.314	154	66470	9.691	ng		99
47) 2-Chloronaphthalene	13.355	162	49869	9.671	ng		97
48) 2-Nitroaniline	13.555	65	15487	8.811	ng		94
49) Acenaphthylene	14.201	152	71937	9.437	ng		99
50) Dimethylphthalate	13.937	163	69493	9.749	ng		99
51) 2,6-Dinitrotoluene	14.048	165	12682	9.190	ng		95
52) Acenaphthene	14.542	154	52750	9.806	ng		92
53) 3-Nitroaniline	14.377	138	13157	9.102	ng		94
54) 2,4-Dinitrophenol	14.589	184	4543	10.334	ng		96
55) Dibenzofuran	14.877	168	82692	9.773	ng		97
56) 4-Nitrophenol	14.689	139	9355	7.889	ng		98
57) 2,4-Dinitrotoluene	14.836	165	18726	8.975	ng	#	84
58) Fluorene	15.529	166	69596	10.035	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.106	232	17783	9.385	ng		96
60) Diethylphthalate	15.300	149	74277	9.736	ng		95
61) 4-Chlorophenyl-phenyle...	15.523	204	33756	9.762	ng		93
62) 4-Nitroaniline	15.541	138	12962	8.788	ng	#	88
63) Azobenzene	15.811	77	66963	9.848	ng		96
65) 4,6-Dinitro-2-methylph...	15.599	198	9467	7.431	ng		89
66) n-Nitrosodiphenylamine	15.735	169	57515	9.422	ng		97
67) 4-Bromophenyl-phenylether	16.416	248	23643	10.032	ng		94
68) Hexachlorobenzene	16.534	284	25688	9.815	ng		100
69) Atrazine	16.681	200	25479	9.997	ng		90
70) Pentachlorophenol	16.874	266	12208	7.693	ng	#	83
71) Phenanthrene	17.262	178	114456	9.780	ng		99
72) Anthracene	17.350	178	116836	9.814	ng		96
73) Carbazole	17.621	167	100709	9.603	ng		99
74) Di-n-butylphthalate	18.191	149	120797	9.587	ng		97
75) Fluoranthene	19.272	202	134413	9.767	ng		98
77) Benzidine	19.454	184	52385	10.798	ng		99
78) Pyrene	19.636	202	142485	9.807	ng		97
80) Butylbenzylphthalate	20.535	149	50791	9.269	ng		92
81) Benzo(a)anthracene	21.428	228	142752	9.676	ng		97
82) 3,3'-Dichlorobenzidine	21.352	252	46265	9.629	ng		97
83) Chrysene	21.493	228	138050	9.747	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	78558	9.549	ng		97
85) Di-n-octyl phthalate	22.503	149	133728	9.329	ng		100
87) Indeno(1,2,3-cd)pyrene	27.832	276	164791	9.531	ng		99
88) Benzo(b)fluoranthene	23.508	252	136893	9.581	ng		95
89) Benzo(k)fluoranthene	23.567	252	142634	9.798	ng		96
90) Benzo(a)pyrene	24.313	252	123820	9.316	ng		100
91) Dibenzo(a,h)anthracene	27.891	278	130614	9.409	ng		96
92) Benzo(g,h,i)perylene	28.896	276	130254	9.643	ng		99

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

ICAL Form

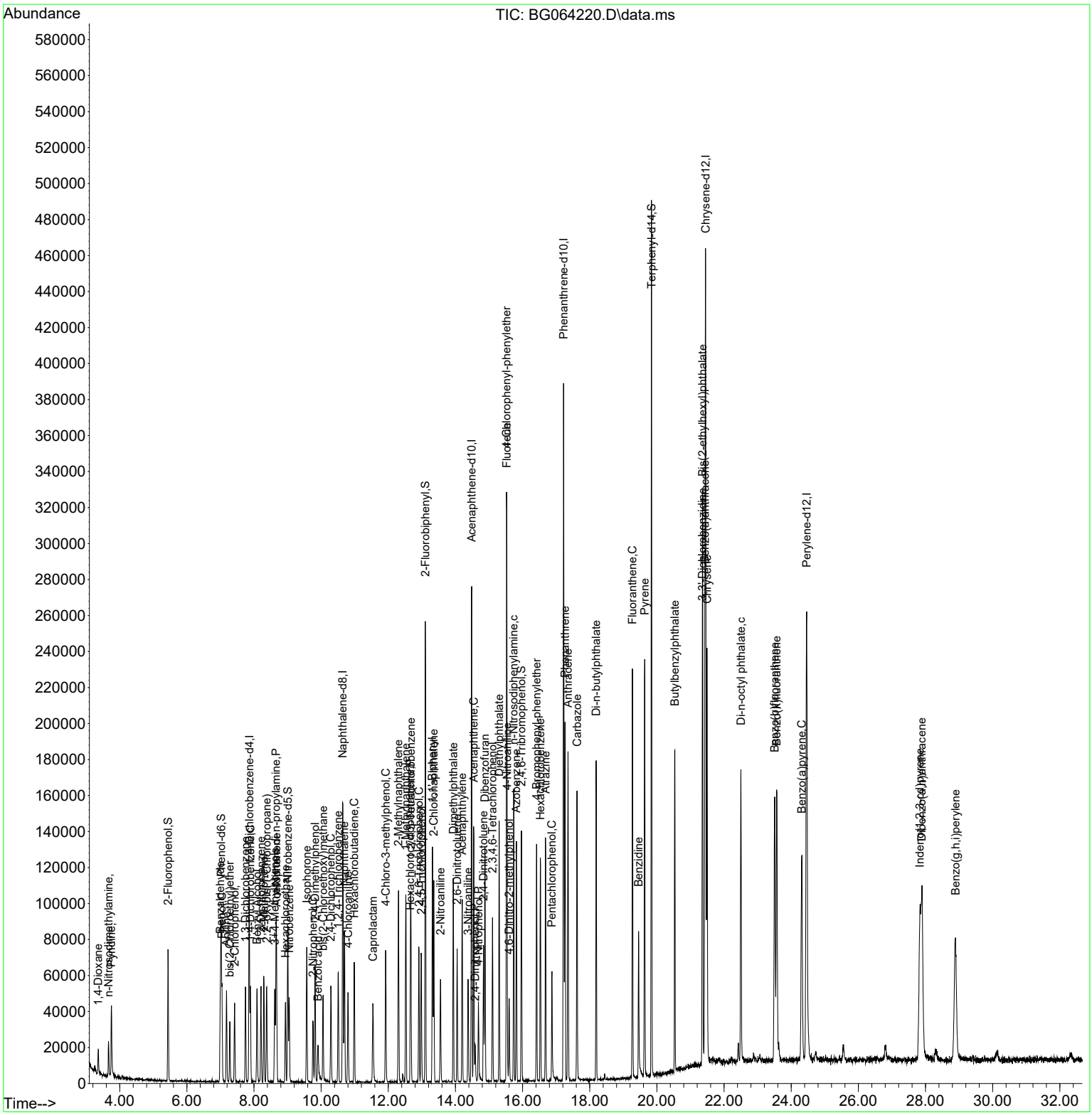
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

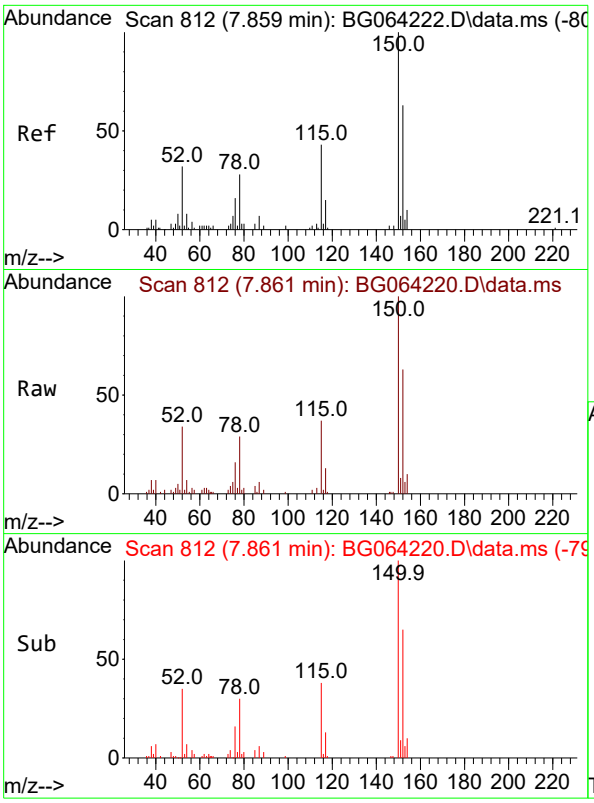
Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

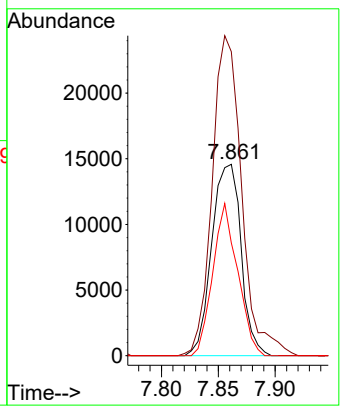




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:152 Resp: 2613

Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.0	192.0
115	58.9	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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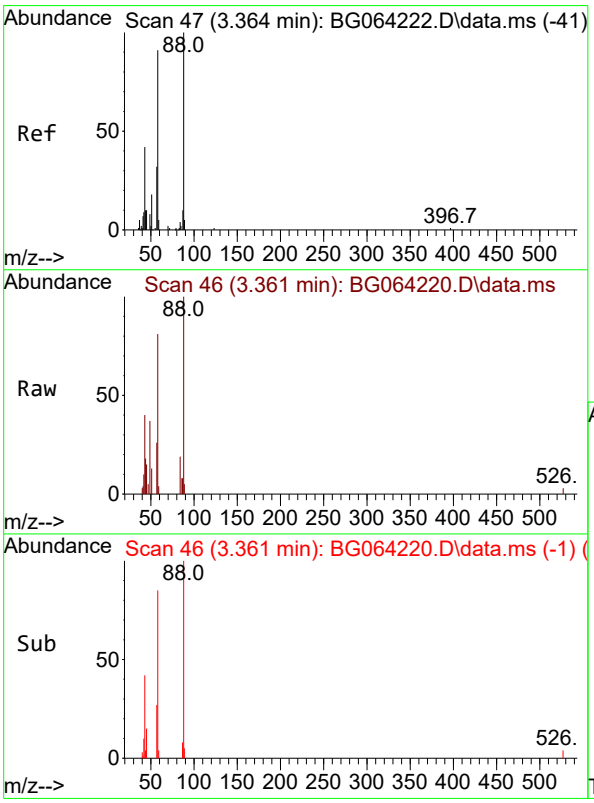
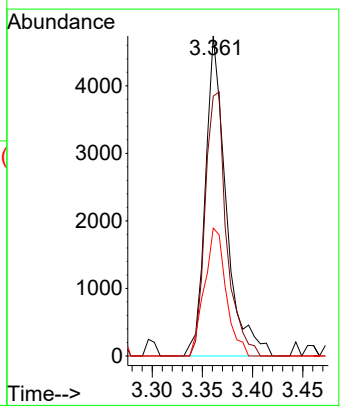
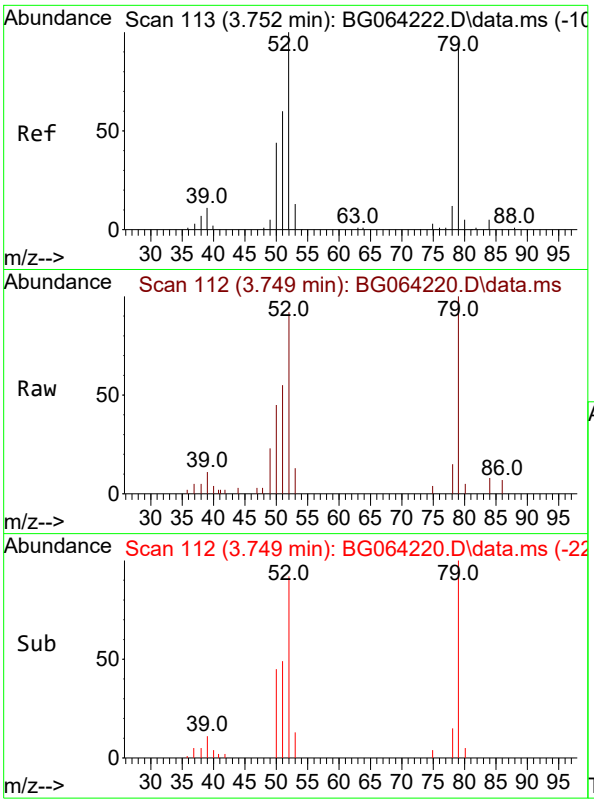


#2
1,4-Dioxane
Concen: 11.281 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 88 Resp: 6848

Ion	Ratio	Lower	Upper
88	100		
58	84.2	80.8	121.2
43	41.3	40.3	60.5

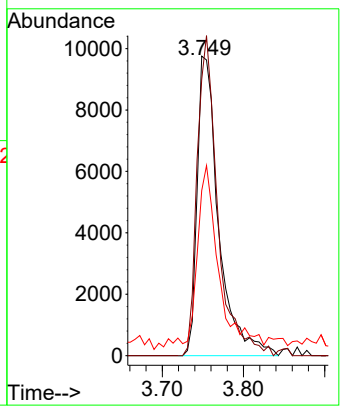




#3
Pyridine
Concen: 10.054 ng
RT: 3.749 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 79 Resp: 1796

Ion	Ratio	Lower	Upper
79	100		
52	92.2	86.6	129.8
51	55.2	114.1	171.1#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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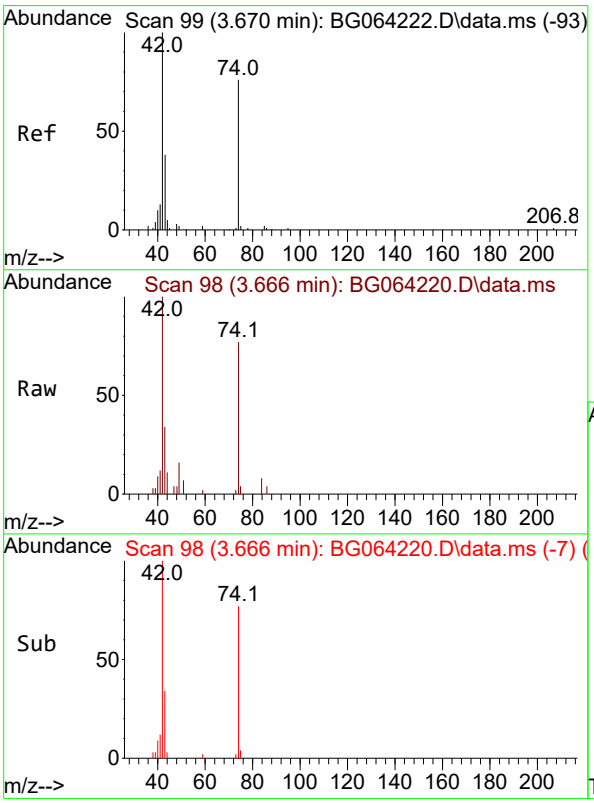
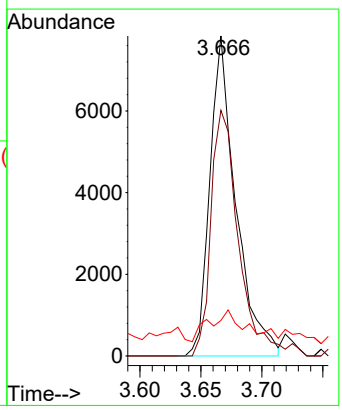
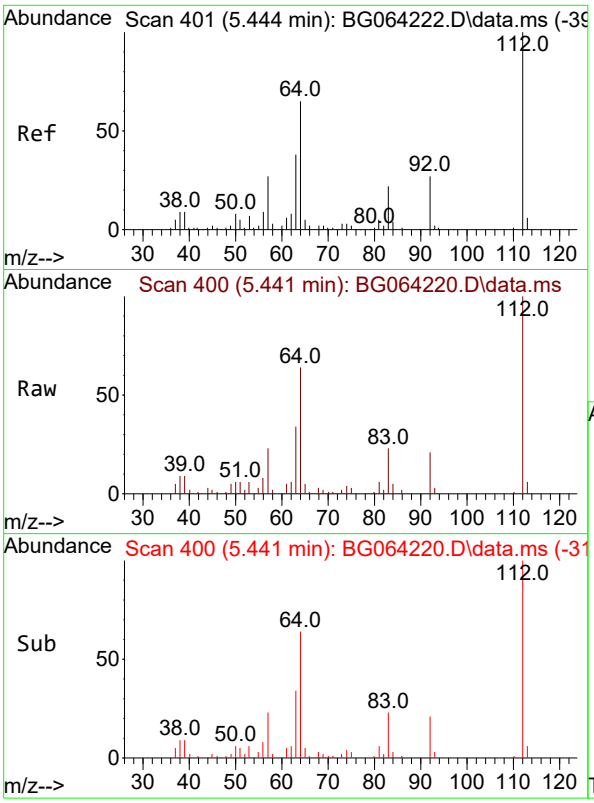


#4
n-Nitrosodimethylamine
Concen: 9.825 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 42 Resp: 11613

Ion	Ratio	Lower	Upper
42	100		
74	76.7	58.0	87.0
44	11.1	5.5	8.3#





#5
2-Fluorophenol
Concen: 19.619 ng
RT: 5.441 min Scan# 4(
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:112 Resp: 2857

Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.6
63	33.7	30.6	45.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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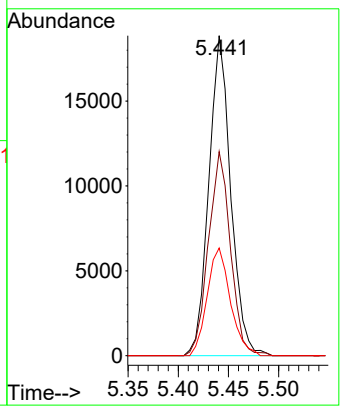
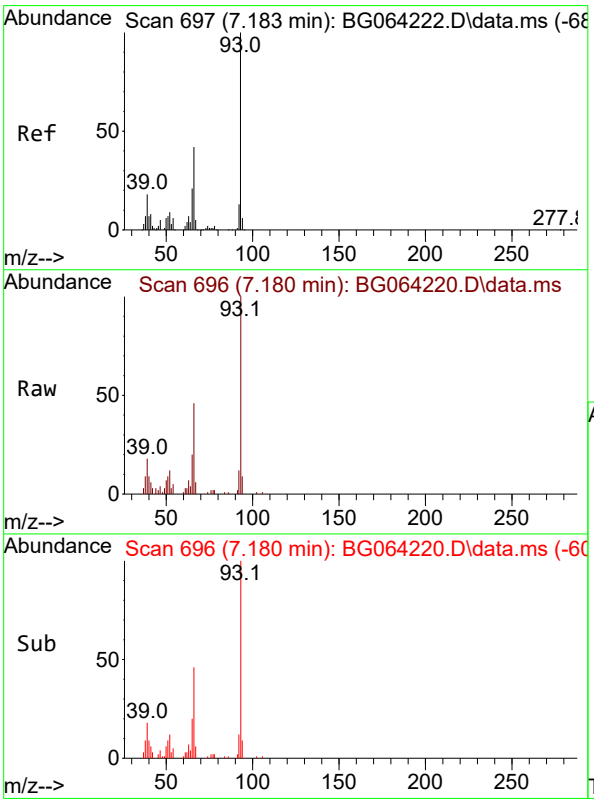
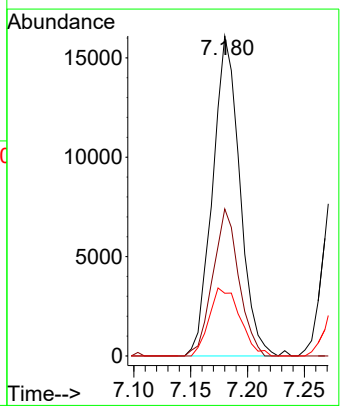


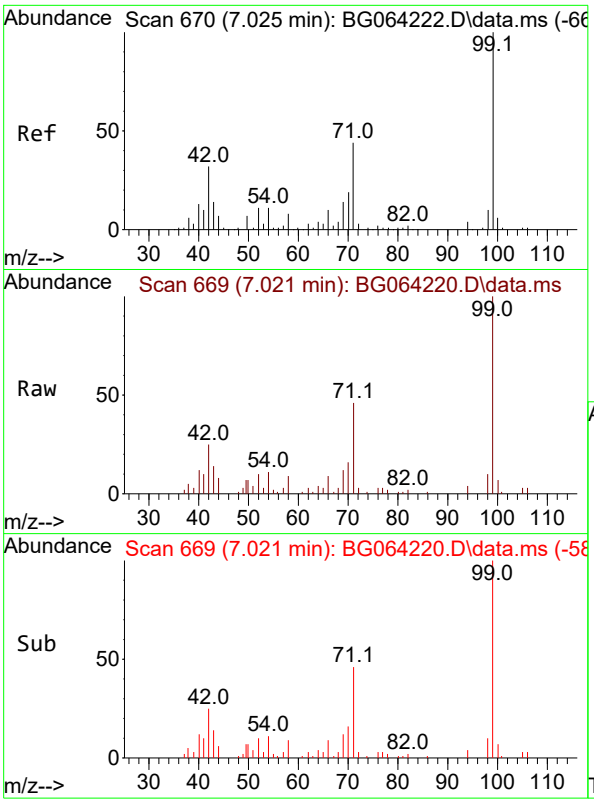


#6
Aniline
Concen: 9.672 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 26763

Ion	Ratio	Lower	Upper
93	100		
66	46.0	33.8	50.8
65	19.6	16.9	25.3

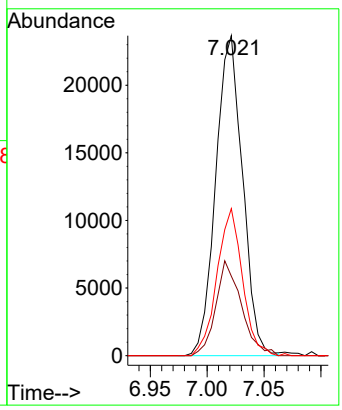




#7
Phenol-d6
Concen: 19.383 ng
RT: 7.021 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 99 Resp: 3878

Ion	Ratio	Lower	Upper
99	100		
42	24.8	25.8	38.8
71	45.9	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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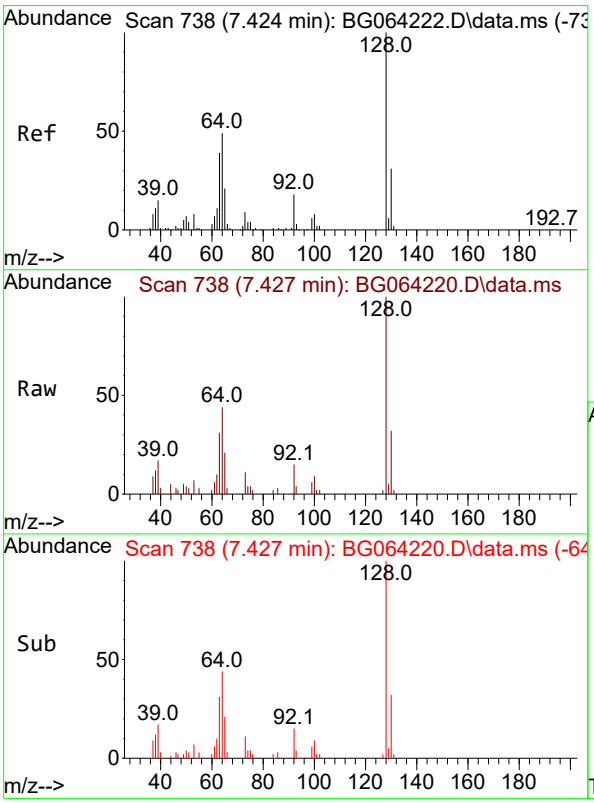
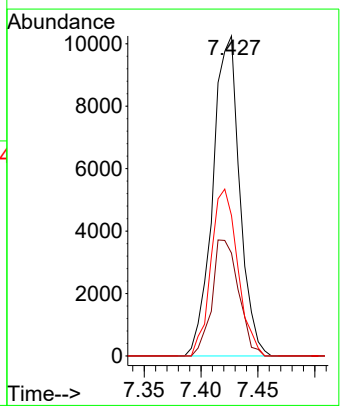
Supervised By :Jagrut Upadhyay 08/29/2025

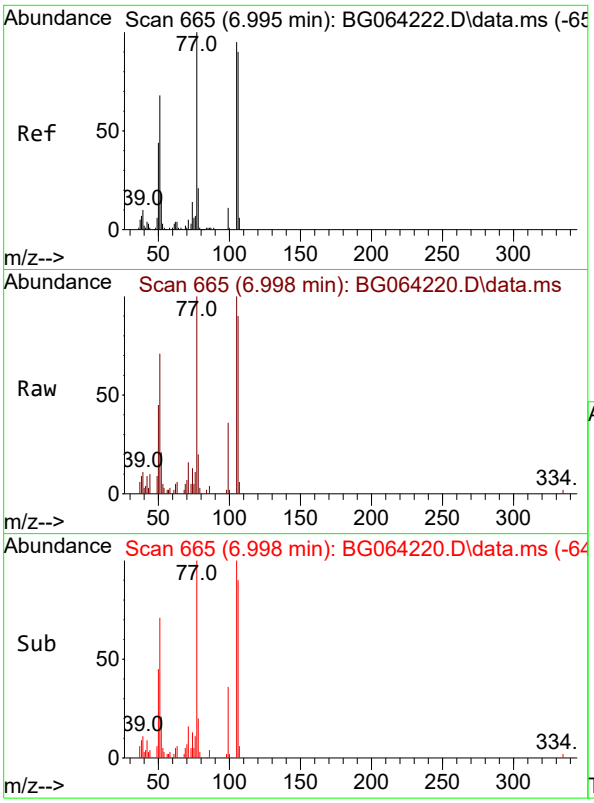


#8
2-Chlorophenol
Concen: 9.447 ng
RT: 7.427 min Scan# 738
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:128 Resp: 16813

Ion	Ratio	Lower	Upper
128	100		
130	32.1	10.9	50.9
64	43.9	28.7	68.7

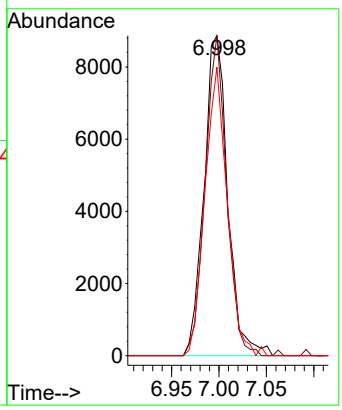




#9
Benzaldehyde
Concen: 9.374 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 77 Resp: 1543

Ion	Ratio	Lower	Upper
77	100		
105	100.0	75.2	115.2
106	90.1	69.6	109.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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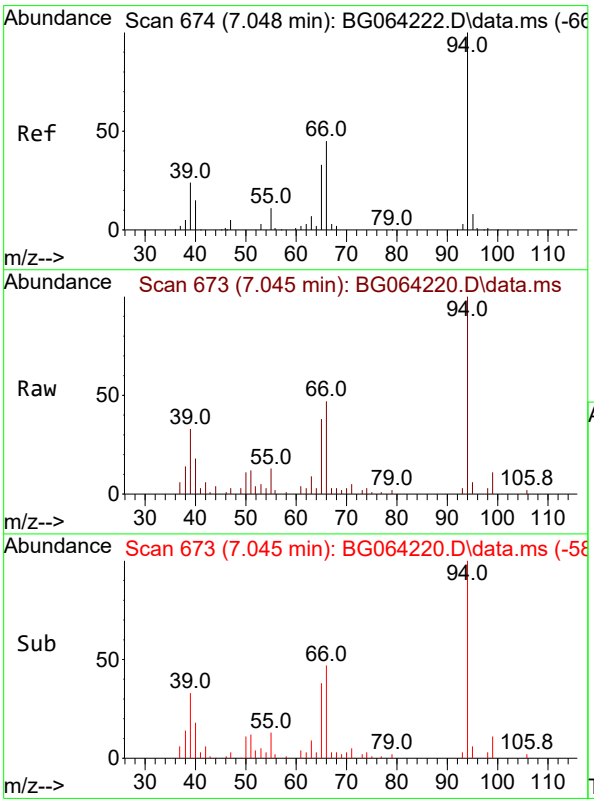
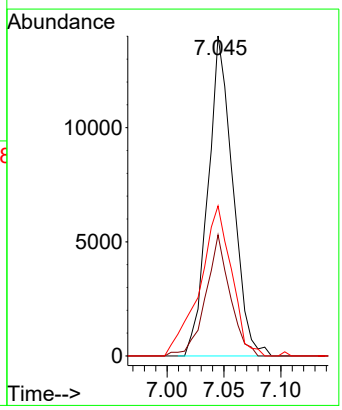
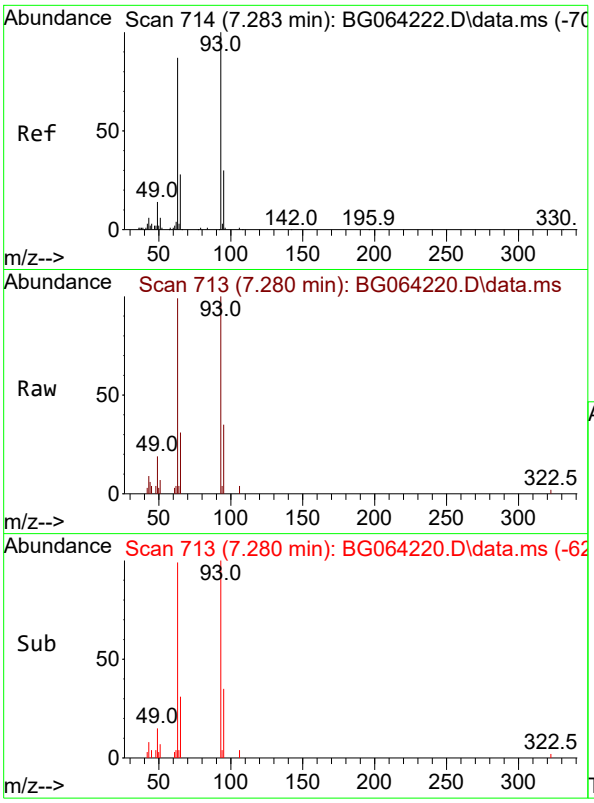


#10
Phenol
Concen: 9.637 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 94 Resp: 21260

Ion	Ratio	Lower	Upper
94	100		
65	37.9	13.5	53.5
66	46.9	26.2	66.2

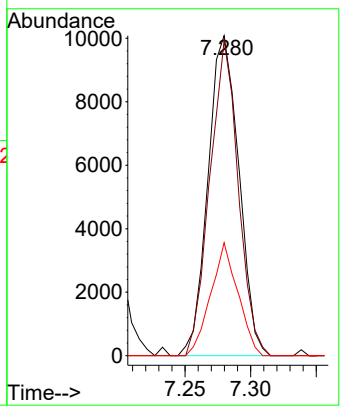




#11
bis(2-Chloroethyl)ether
Concen: 9.953 ng
RT: 7.280 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 1650

Ion	Ratio	Lower	Upper
93	100		
63	98.6	66.2	106.2
95	35.3	9.8	49.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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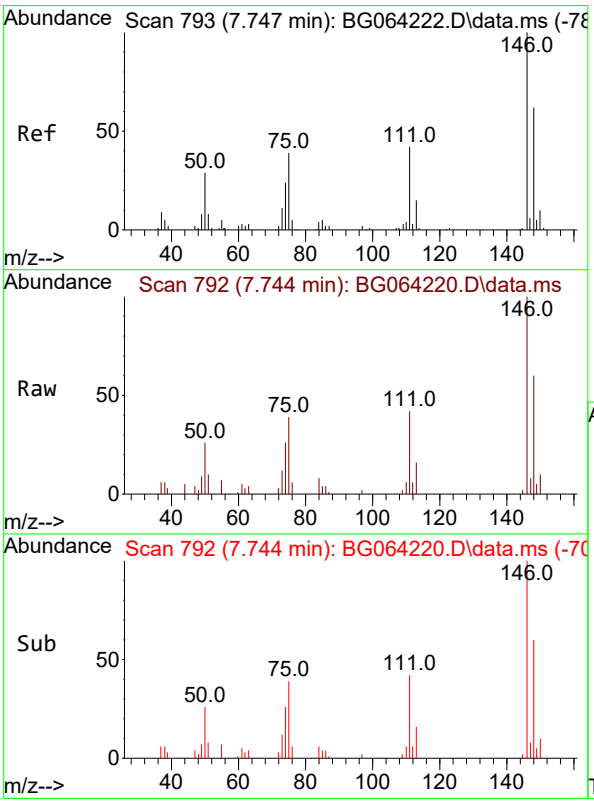
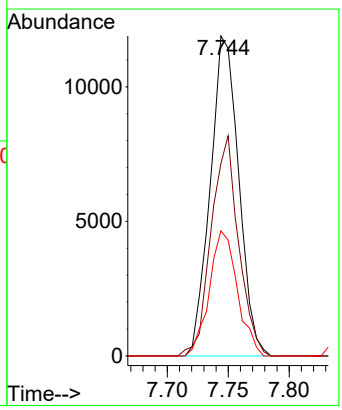
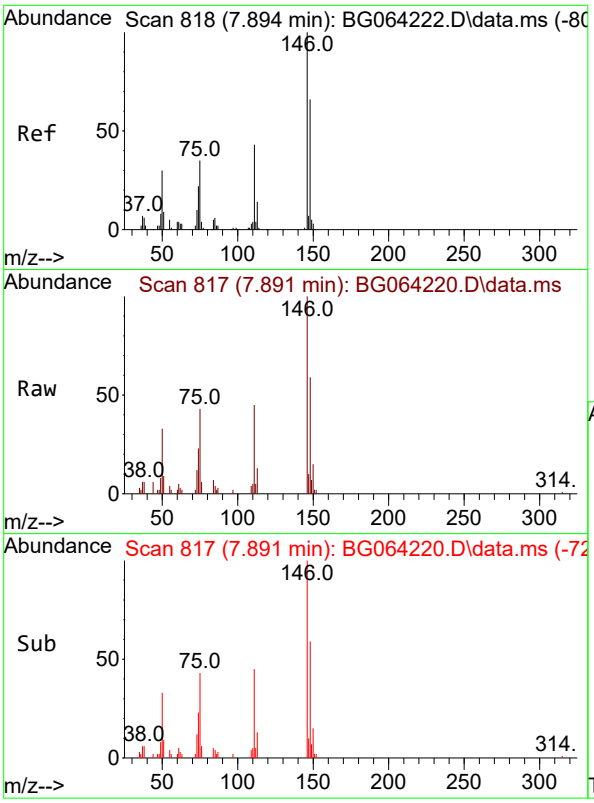


#12
1,3-Dichlorobenzene
Concen: 10.216 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:146 Resp: 19342

Ion	Ratio	Lower	Upper
146	100		
148	60.1	49.6	74.4
75	39.1	31.0	46.6

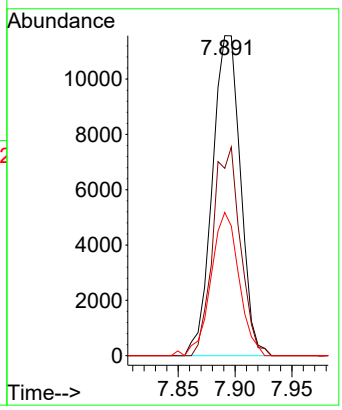




#13
1,4-Dichlorobenzene
Concen: 10.407 ng
RT: 7.891 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:146 Resp: 1988

Ion	Ratio	Lower	Upper
146	100		
148	58.6	52.8	79.2
111	44.8	34.1	51.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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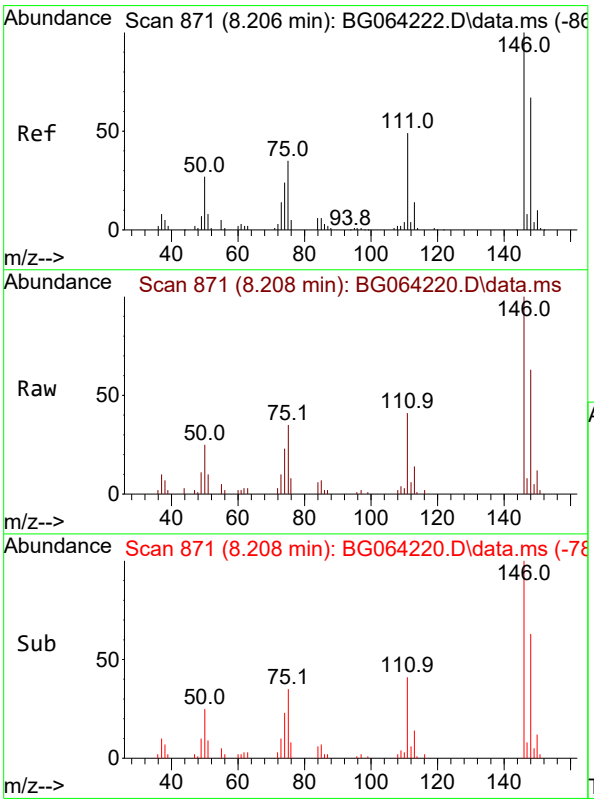
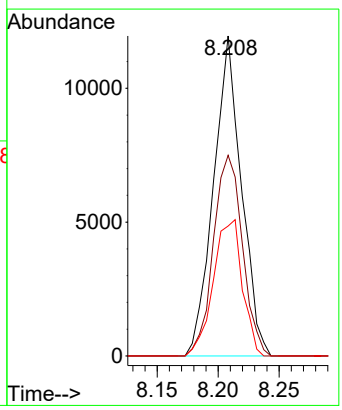
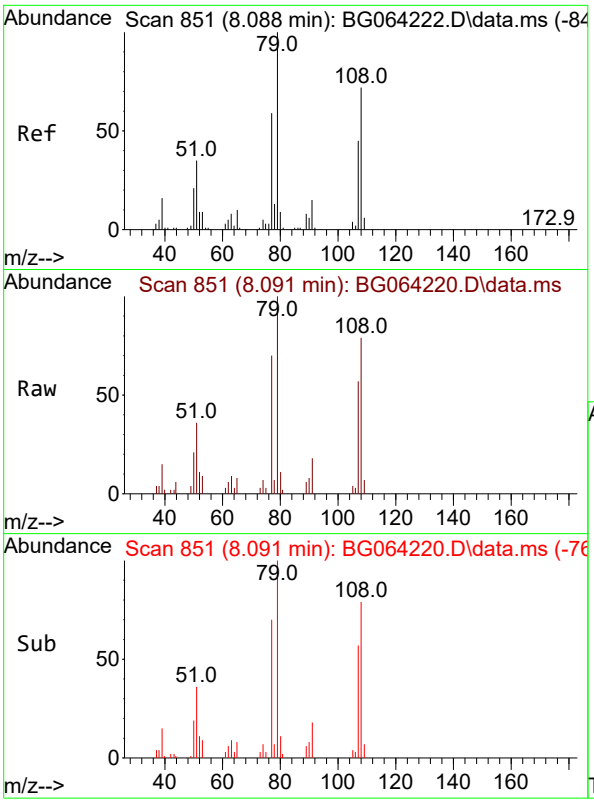


#14
1,2-Dichlorobenzene
Concen: 10.327 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:146 Resp: 19045

Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
111	40.6	39.1	58.7





#15
Benzyl Alcohol
Concen: 9.179 ng
RT: 8.091 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 79 Resp: 1694

Ion	Ratio	Lower	Upper
79	100		
108	78.6	57.4	86.0
77	69.6	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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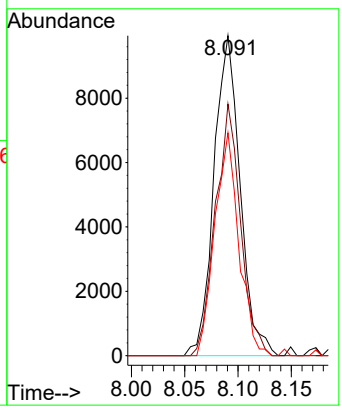
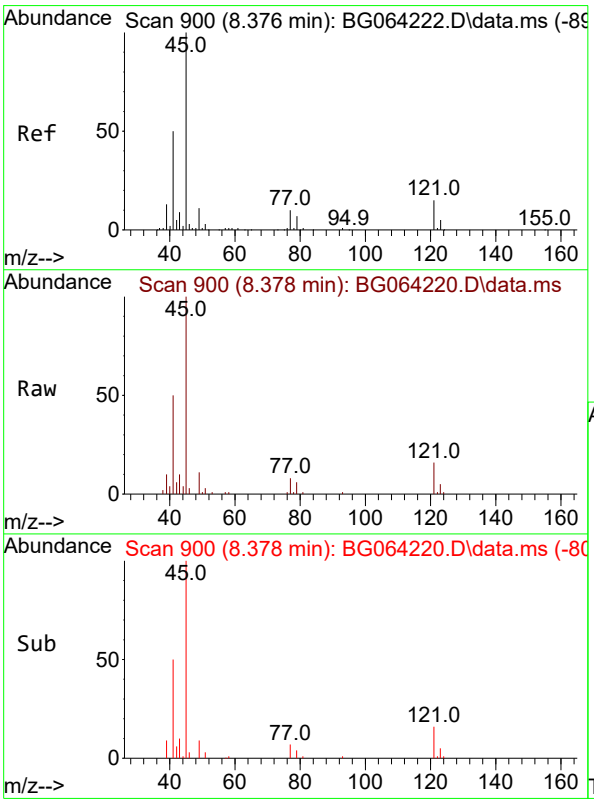
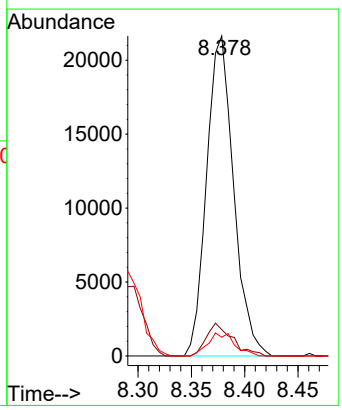


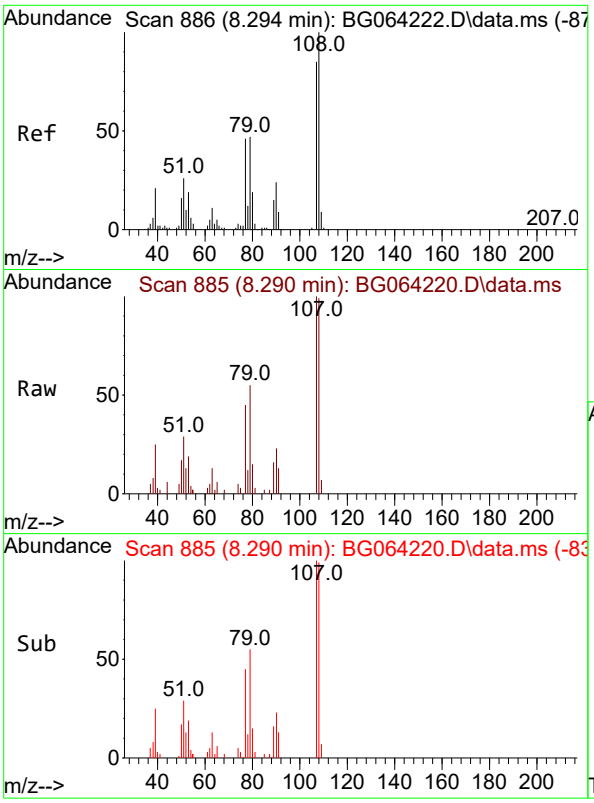


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.079 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 45 Resp: 38145

Ion	Ratio	Lower	Upper
45	100		
77	8.3	0.0	30.0
79	5.8	0.0	27.9

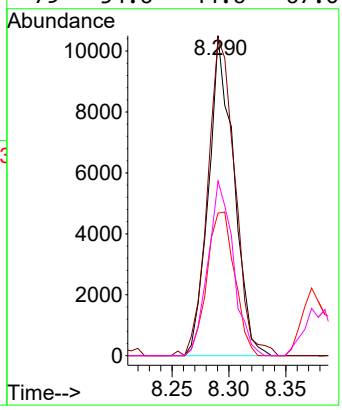




#17
2-Methylphenol
Concen: 9.876 ng
RT: 8.290 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 1623

Ion	Ratio	Lower	Upper
107	100		
108	99.2	94.6	141.8
77	44.6	43.7	65.5
79	54.6	44.6	67.0



Instrument :
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ClientSampleId :
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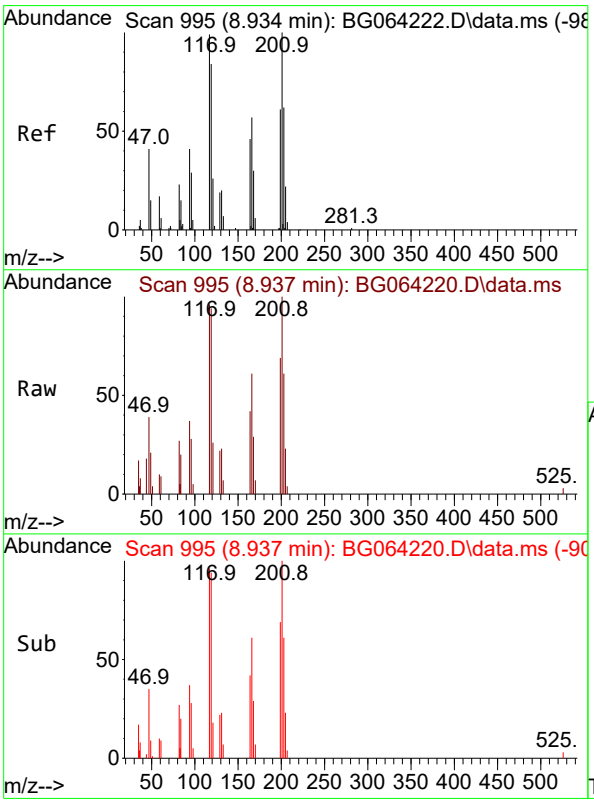
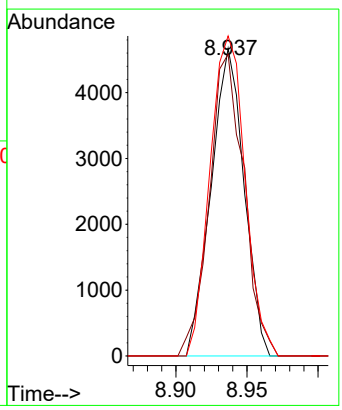
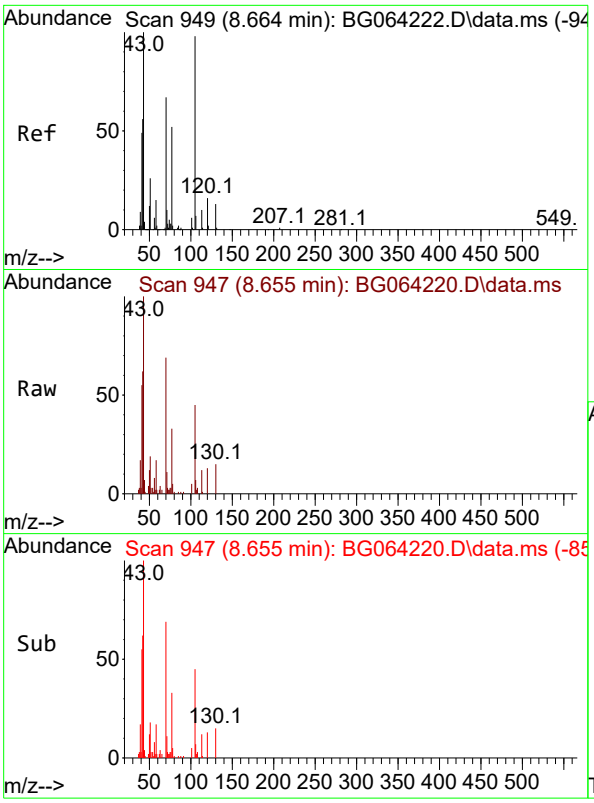


#18
Hexachloroethane
Concen: 10.121 ng
RT: 8.937 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:117 Resp: 7549

Ion	Ratio	Lower	Upper
117	100		
119	98.1	67.9	101.9
201	104.0	80.5	120.7

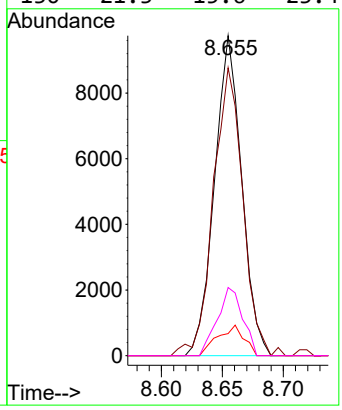




#19
n-Nitroso-di-n-propylamine
Concen: 9.893 ng
RT: 8.655 min Scan# 94
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 70 Resp: 1515

Ion	Ratio	Lower	Upper
70	100		
42	89.9	67.9	101.9
101	6.9	7.3	10.9#
130	21.3	15.6	23.4



Instrument :
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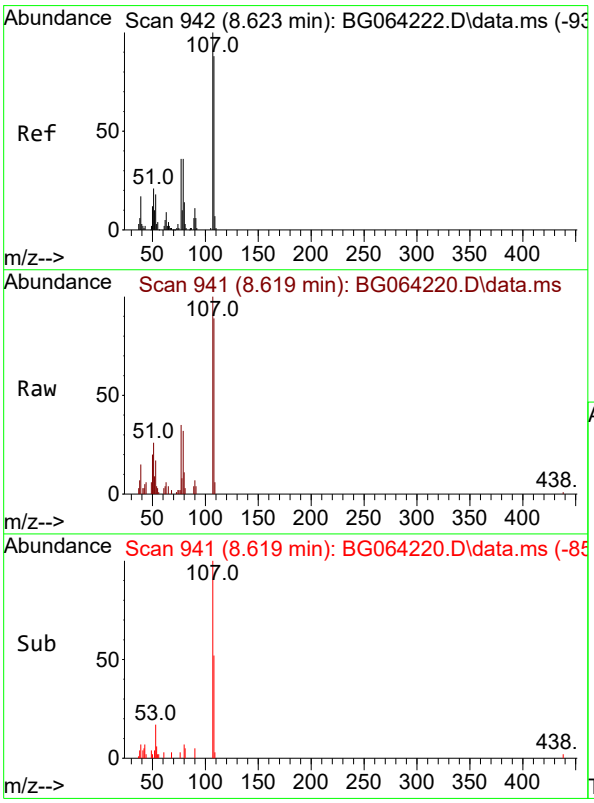
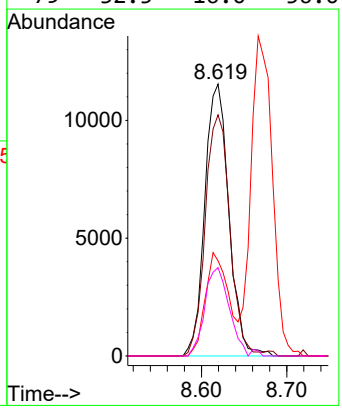
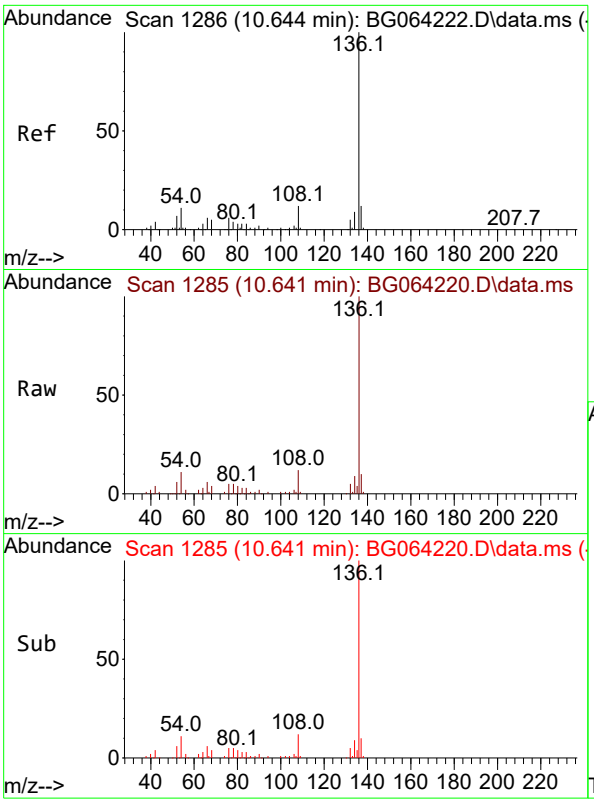


#20
3+4-Methylphenols
Concen: 9.917 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 22656

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.1	108.1
77	35.0	15.9	55.9
79	32.5	16.0	56.0

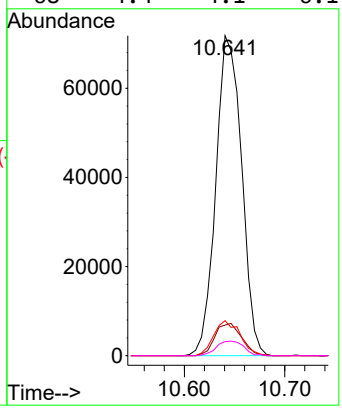




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:136 Resp: 12827

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4#
54	11.0	8.8	13.2
68	4.4	4.1	6.1



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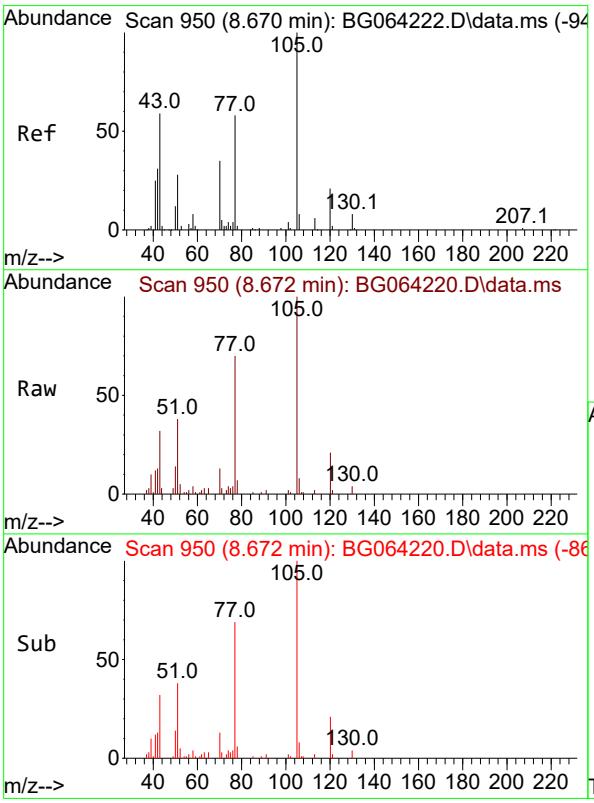
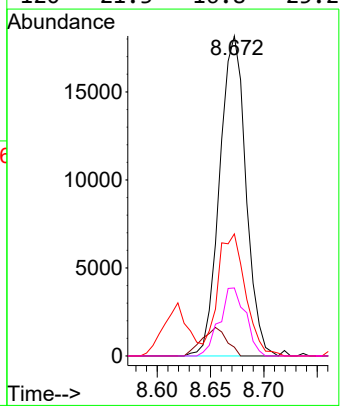
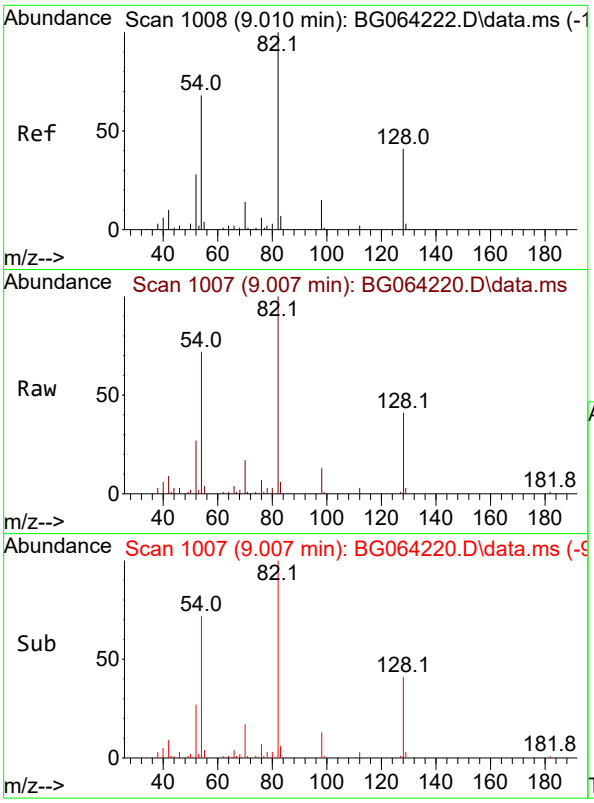


#22
Acetophenone
Concen: 9.579 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:105 Resp: 31085

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.3	6.5#
51	38.2	32.4	48.6
120	21.3	16.8	25.2





#23
Nitrobenzene-d5
Concen: 18.968 ng
RT: 9.007 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 82 Resp: 4362

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	48.8
54	71.9	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
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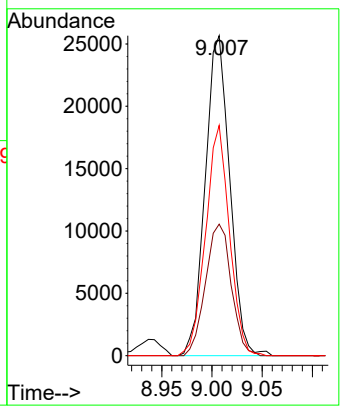
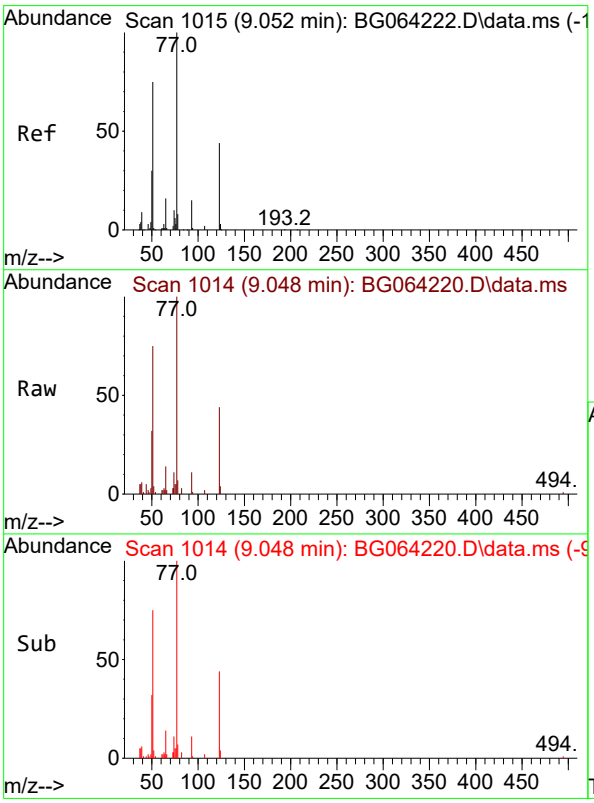
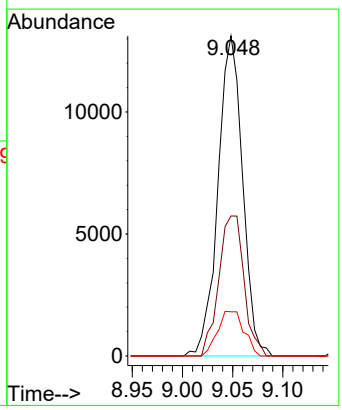


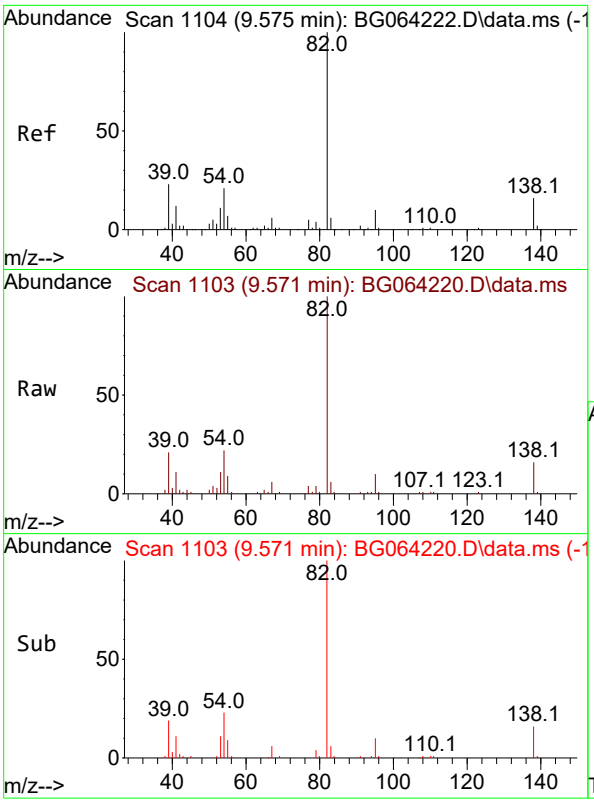


#24
Nitrobenzene
Concen: 9.279 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 77 Resp: 22299

Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.2	52.8
65	13.8	12.6	19.0

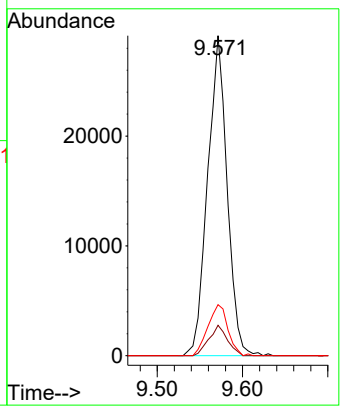




#25
Isophorone
Concen: 9.695 ng
RT: 9.571 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 82 Resp: 4634

Ion	Ratio	Lower	Upper
82	100		
95	9.5	7.9	11.9
138	15.9	13.0	19.4



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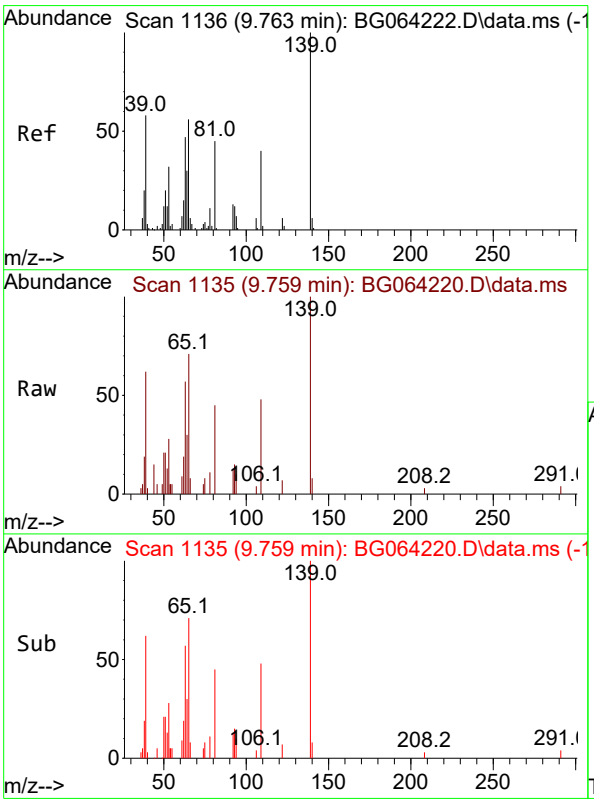
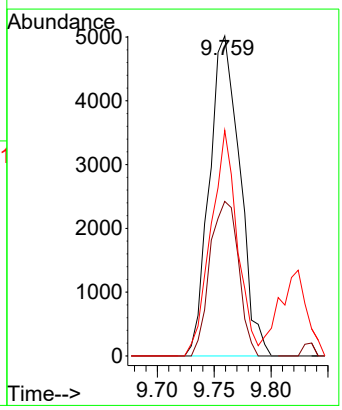
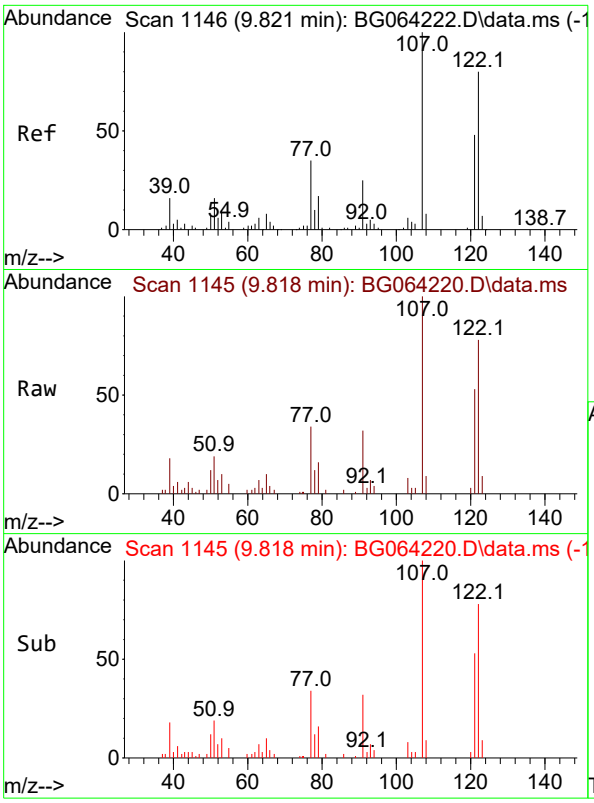


#26
2-Nitrophenol
Concen: 8.988 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:139 Resp: 9333

Ion	Ratio	Lower	Upper
139	100		
109	48.3	32.4	48.6
65	70.5	44.6	67.0#

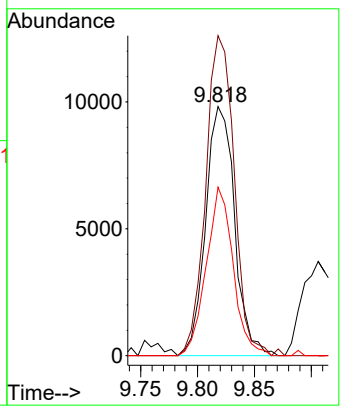




#27
2,4-Dimethylphenol
Concen: 9.533 ng
RT: 9.818 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:122 Resp: 1737

Ion	Ratio	Lower	Upper
122	100		
107	128.4	99.9	149.9
121	67.7	48.6	72.8



Instrument :
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ClientSampleId :
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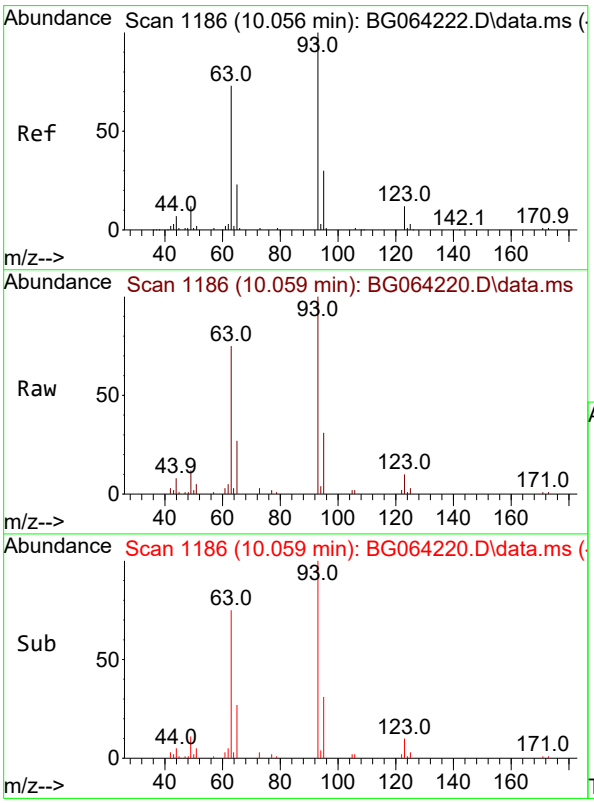
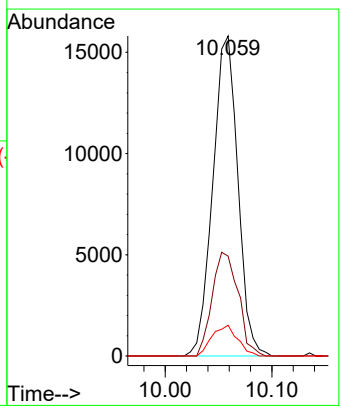
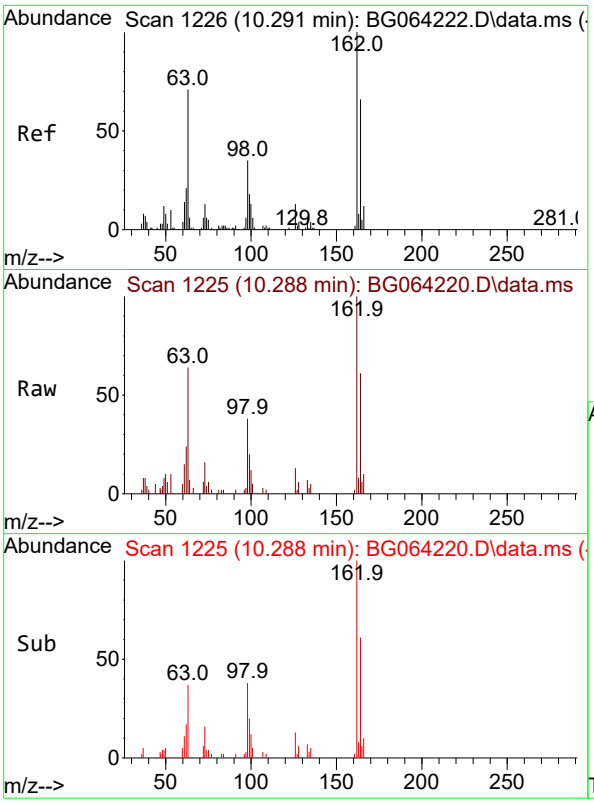


#28
bis(2-Chloroethoxy)methane
Concen: 9.975 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 25711

Ion	Ratio	Lower	Upper
93	100		
95	31.2	23.9	35.9
123	9.6	9.6	14.4#

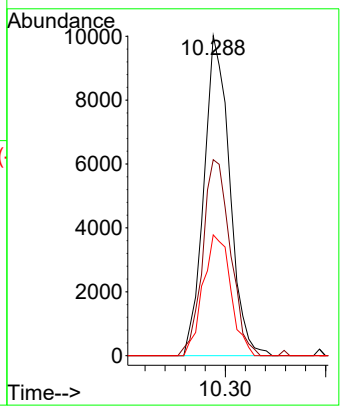




#29
2,4-Dichlorophenol
Concen: 9.278 ng
RT: 10.288 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:162 Resp: 1784

Ion	Ratio	Lower	Upper
162	100		
164	61.3	45.8	85.8
98	37.8	15.2	55.2



Instrument :
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ClientSampleId :
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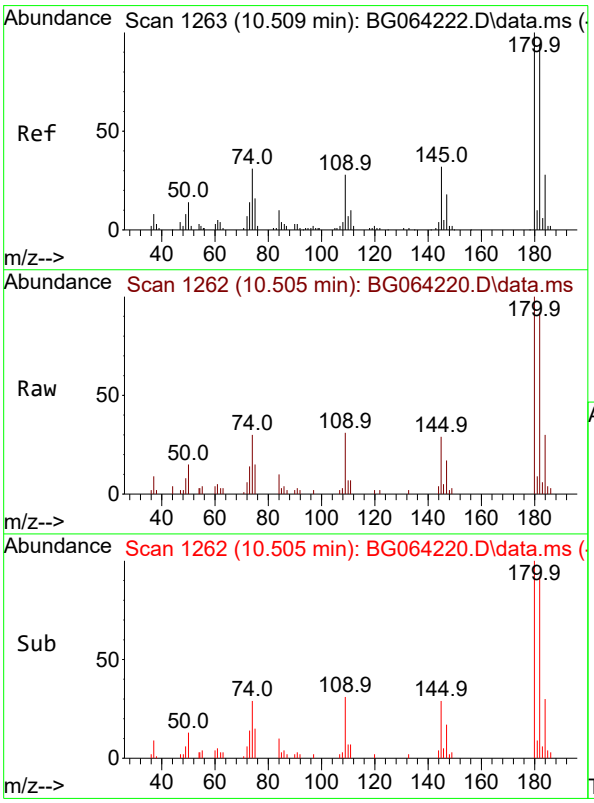
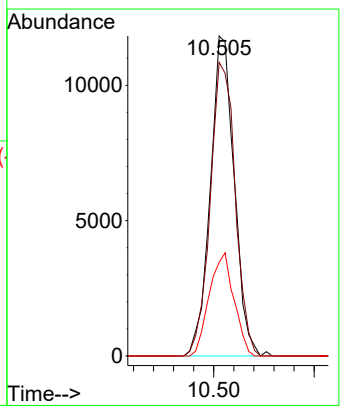
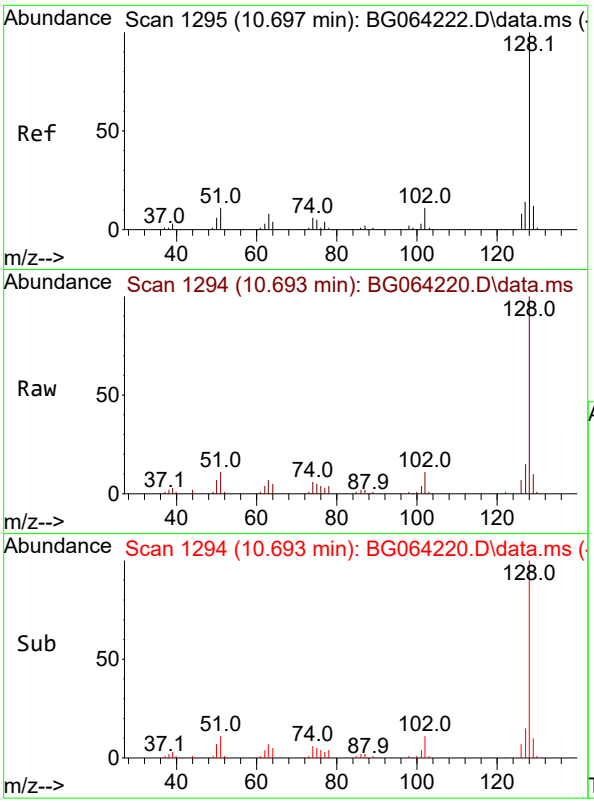


#30
1,2,4-Trichlorobenzene
Concen: 9.646 ng
RT: 10.505 min Scan# 1262
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:180 Resp: 19563

Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.0	112.6
145	29.2	25.4	38.0

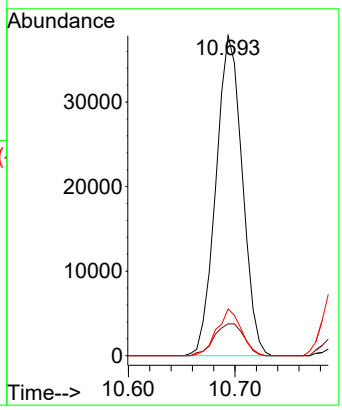




#31
Naphthalene
Concen: 9.758 ng
RT: 10.693 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:128 Resp: 6490

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.2
127	14.6	10.9	16.3



Instrument :
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ClientSampleId :
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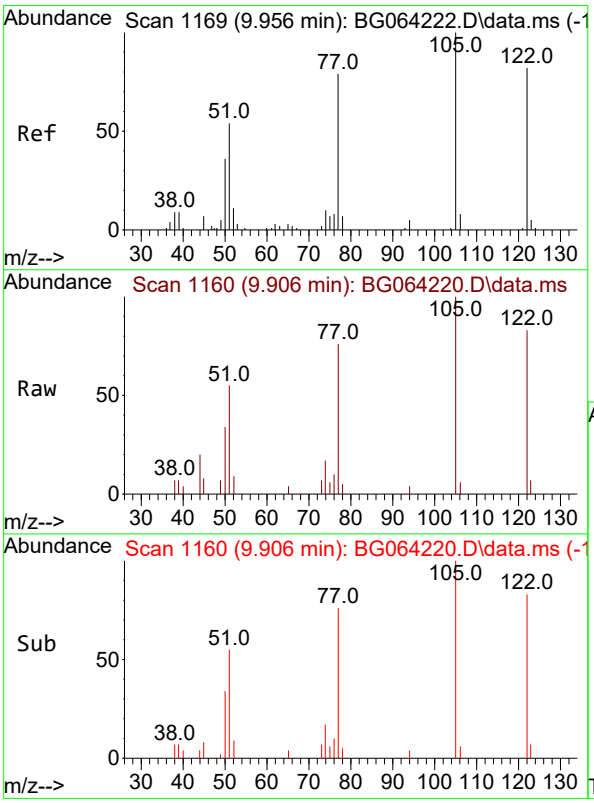
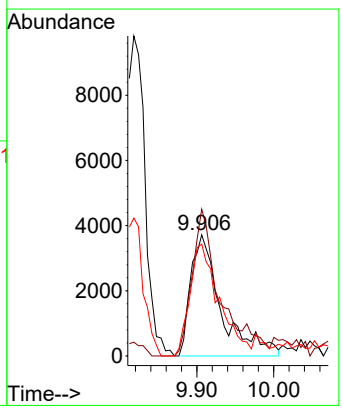
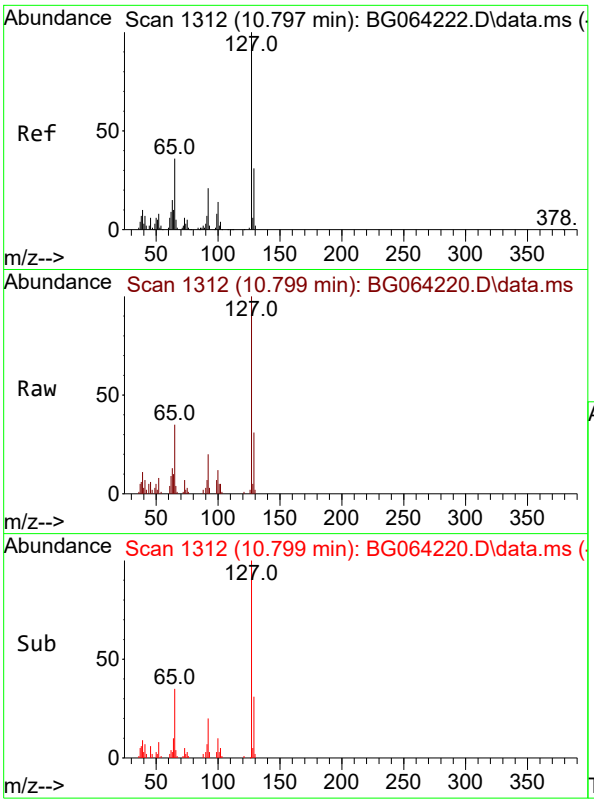


#32
Benzoic acid
Concen: 7.064 ng m
RT: 9.906 min Scan# 1160
Delta R.T. -0.109 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:122 Resp: 10223

Ion	Ratio	Lower	Upper
122	100		
105	121.2	98.5	138.5
77	92.4	74.6	114.6

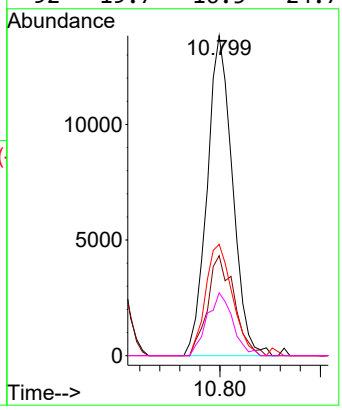




#33
4-Chloroaniline
Concen: 9.420 ng
RT: 10.799 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:127 Resp: 2428

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.0	37.4
65	34.8	28.7	43.1
92	19.7	16.5	24.7



Instrument :
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ClientSampleId :
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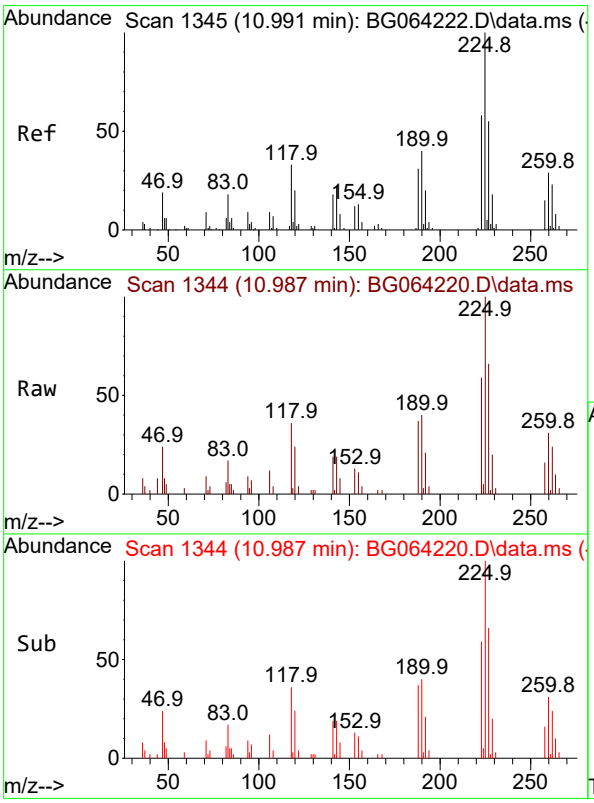
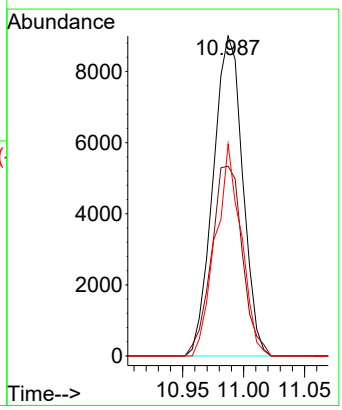
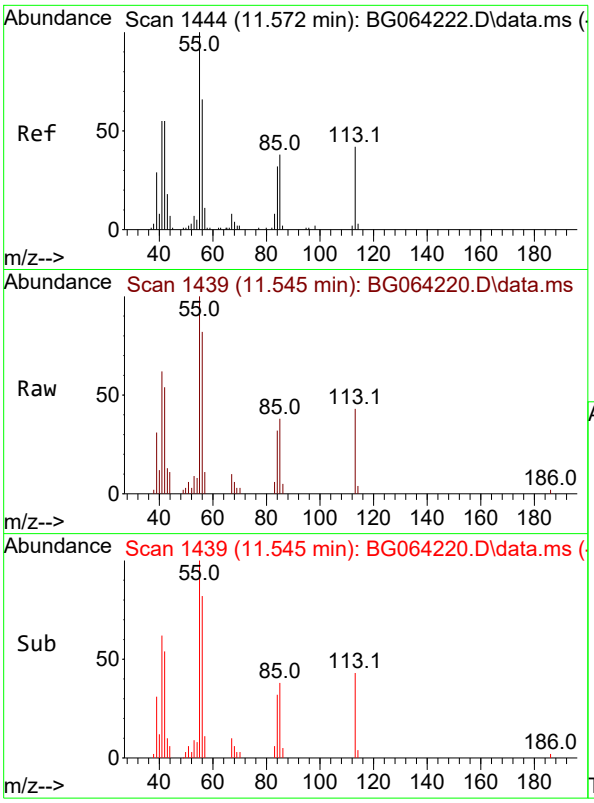


#34
Hexachlorobutadiene
Concen: 10.107 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:225 Resp: 15152

Ion	Ratio	Lower	Upper
225	100		
223	59.3	46.5	69.7
227	66.2	44.1	66.1#





#35
Caprolactam
Concen: 9.330 ng
RT: 11.545 min Scan# 14
Delta R.T. -0.056 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:113 Resp: 694

Ion	Ratio	Lower	Upper
113	100		
55	230.9	218.5	258.5
56	188.4	138.5	178.5#

Instrument :
BNA_G
ClientSampleId :
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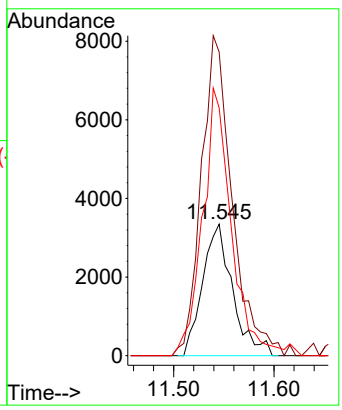
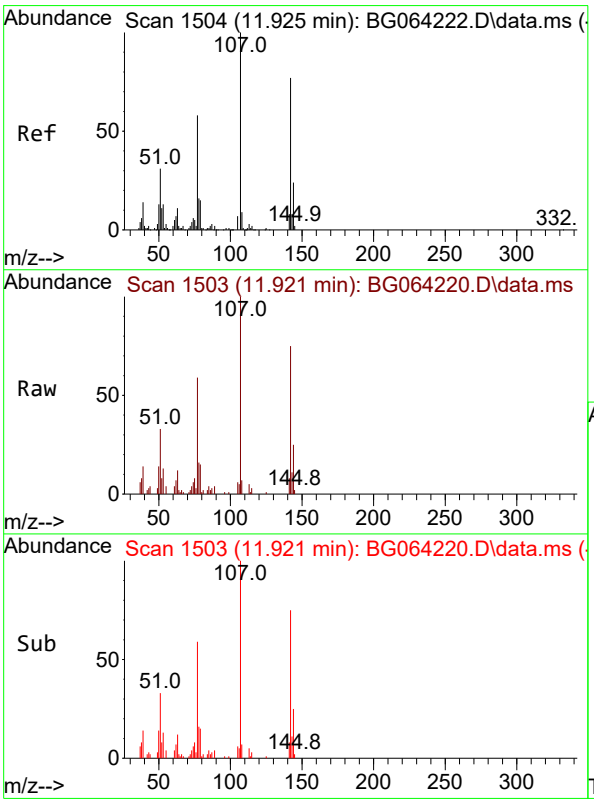
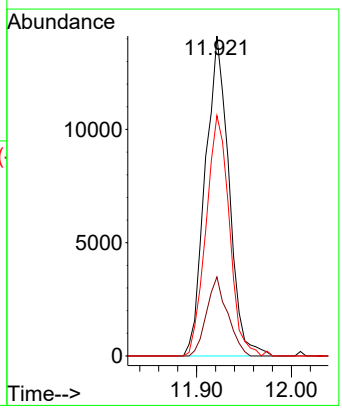


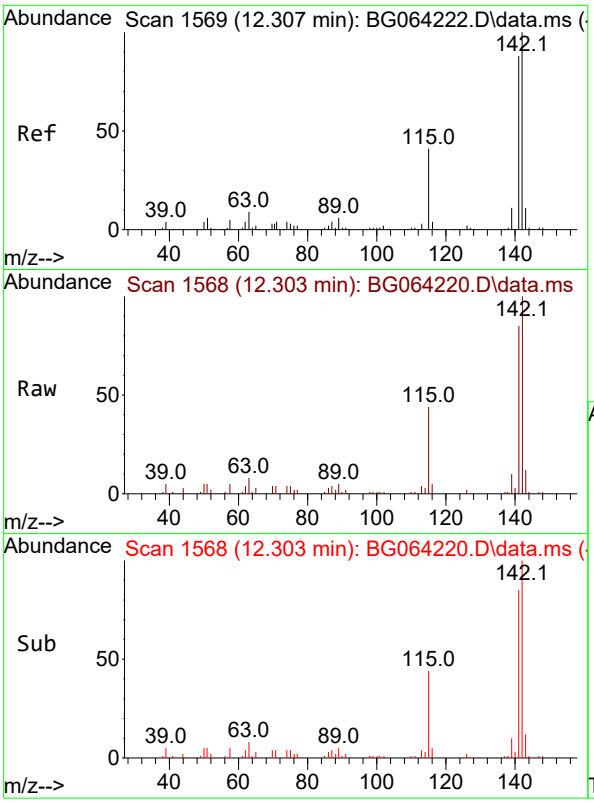


#36
4-Chloro-3-methylphenol
Concen: 9.807 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 24476

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.5	29.3
142	75.1	62.0	93.0

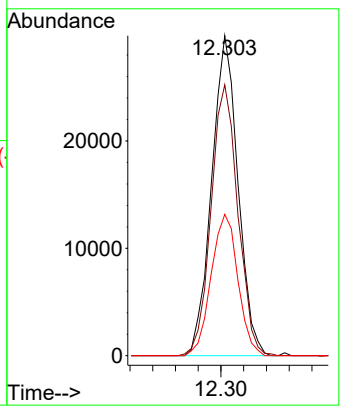




#37
2-Methylnaphthalene
Concen: 9.698 ng
RT: 12.303 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:142 Resp: 4794

Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.1	105.1
115	44.1	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
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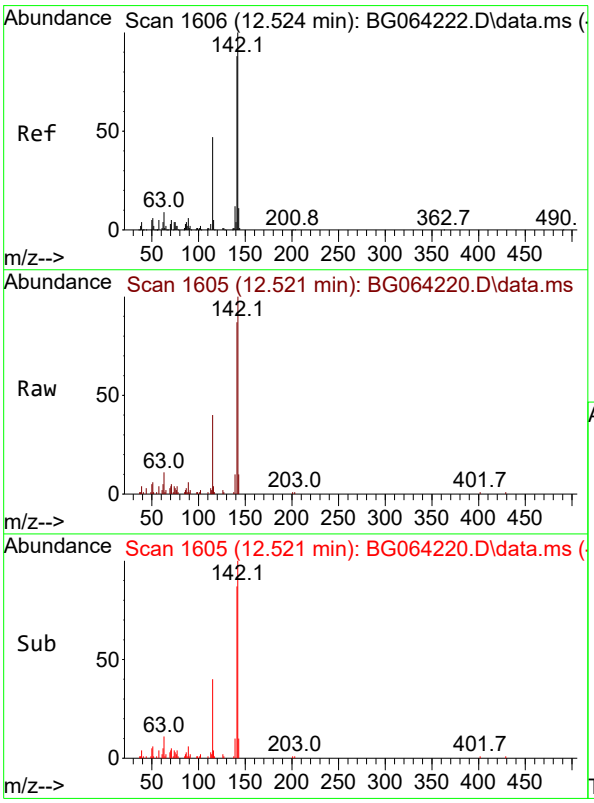
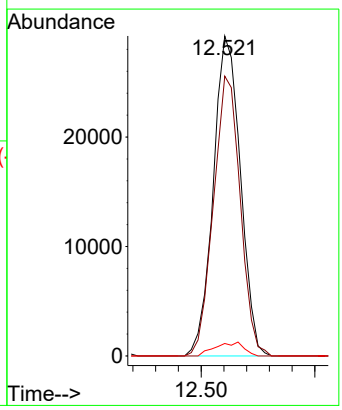
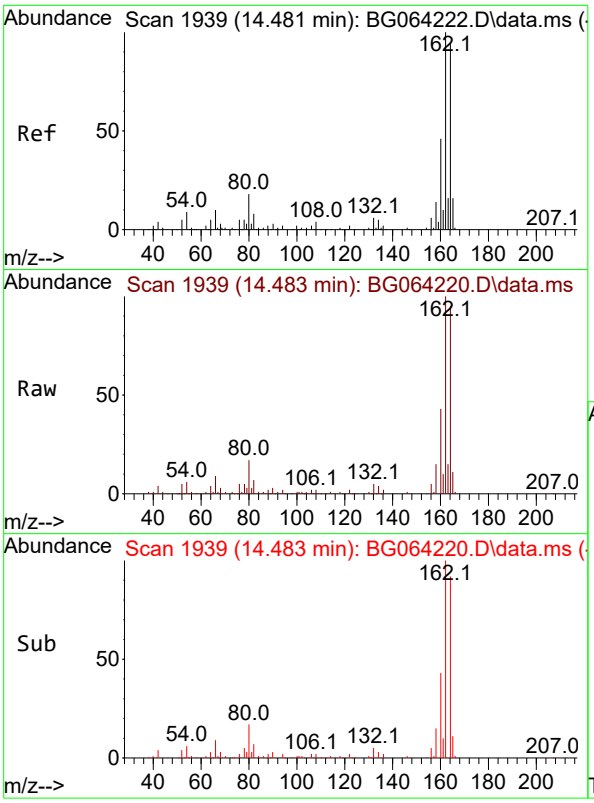


#38
1-Methylnaphthalene
Concen: 9.914 ng
RT: 12.521 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:142 Resp: 48414

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
116	3.9	3.7	5.5

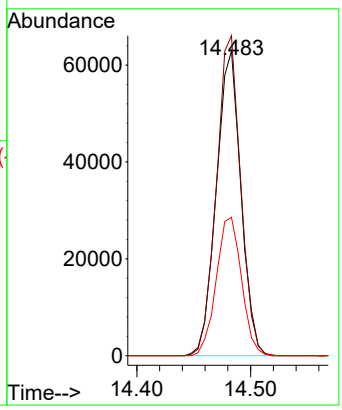




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:164 Resp: 9417

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.0
160	45.4	39.2	58.8



Instrument :
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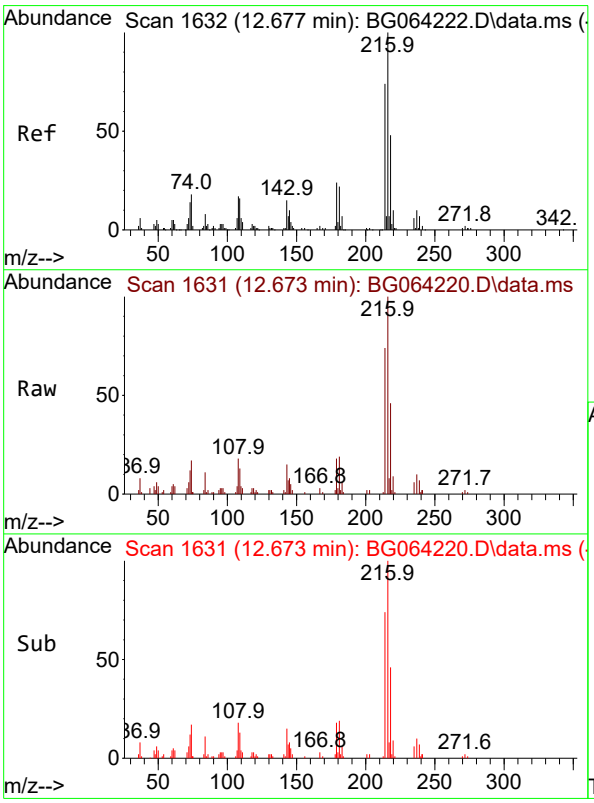
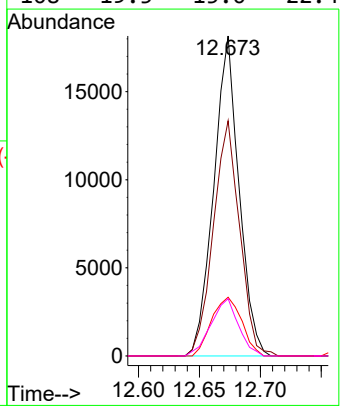
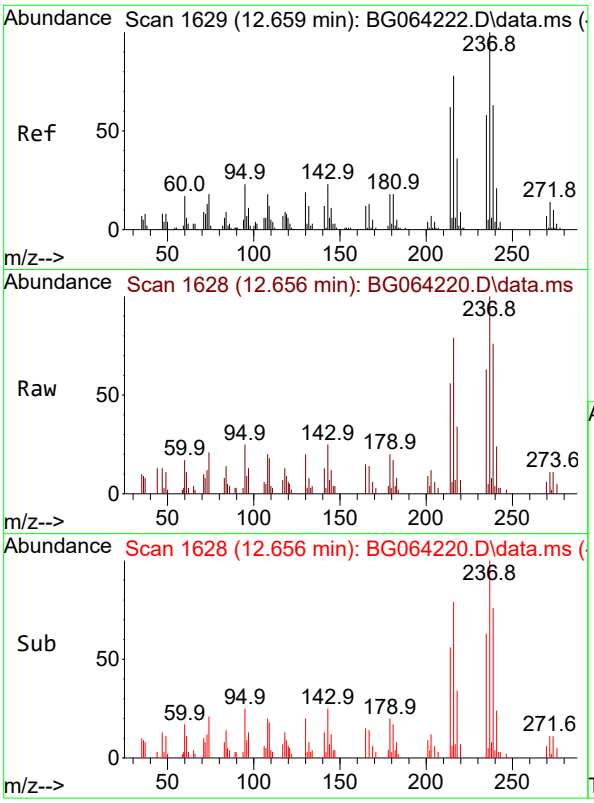


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.643 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:216 Resp: 26203

Ion	Ratio	Lower	Upper
216	100		
214	76.3	61.9	92.9
179	21.9	17.9	26.9
108	19.5	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 8.052 ng
RT: 12.656 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:237 Resp: 1039

Ion	Ratio	Lower	Upper
237	100		
235	62.7	37.9	77.9
272	10.9	0.0	33.8

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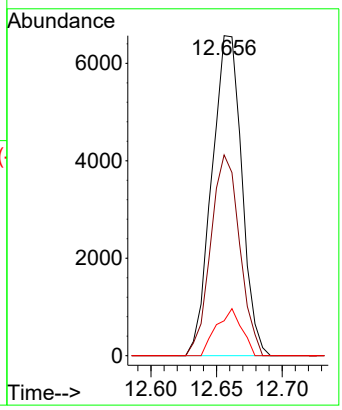
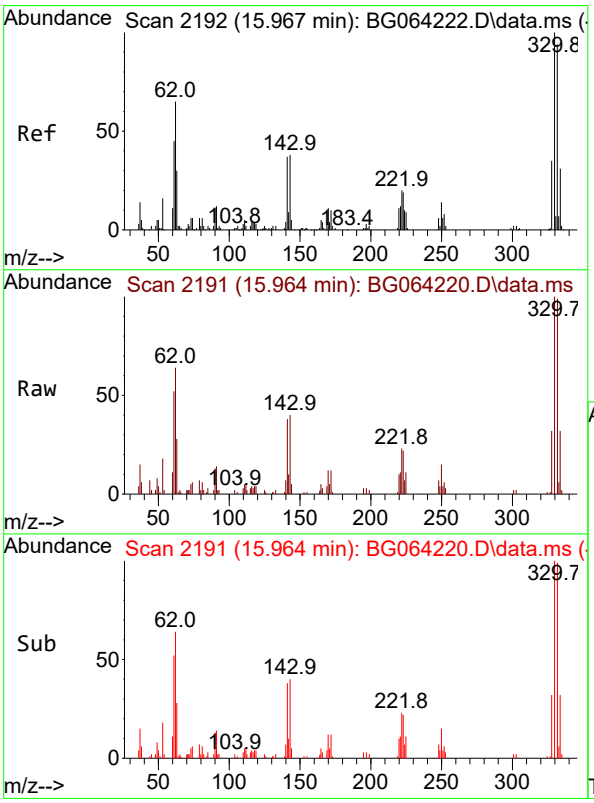
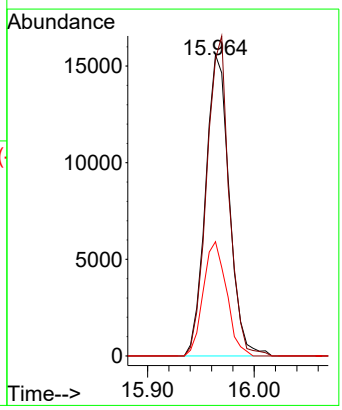


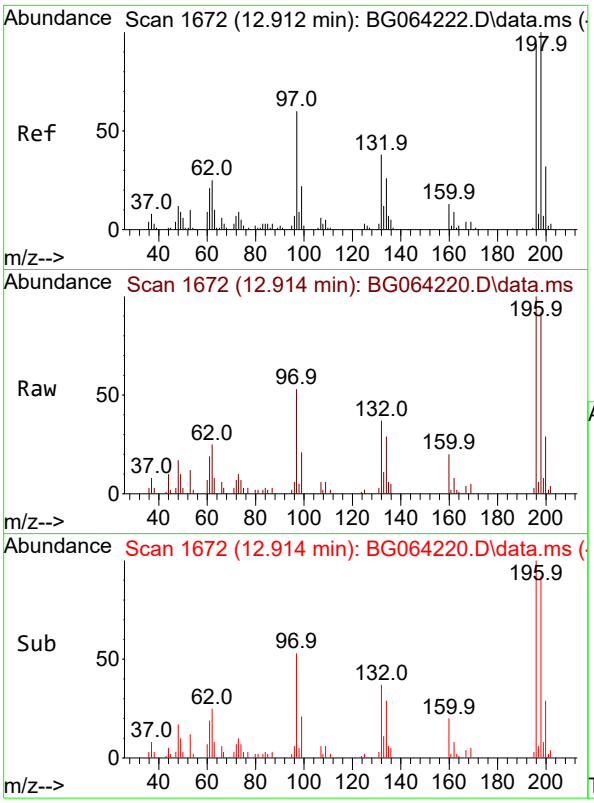


#42
2,4,6-Tribromophenol
Concen: 19.328 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:330 Resp: 24110

Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.6	116.4
141	37.2	29.8	44.6

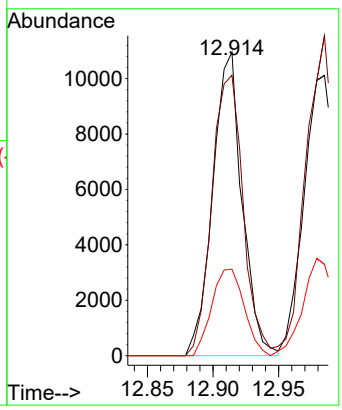




#43
2,4,6-Trichlorophenol
Concen: 9.391 ng
RT: 12.914 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:196 Resp: 1705

Ion	Ratio	Lower	Upper
196	100		
198	92.4	85.4	128.2
200	28.5	27.3	40.9



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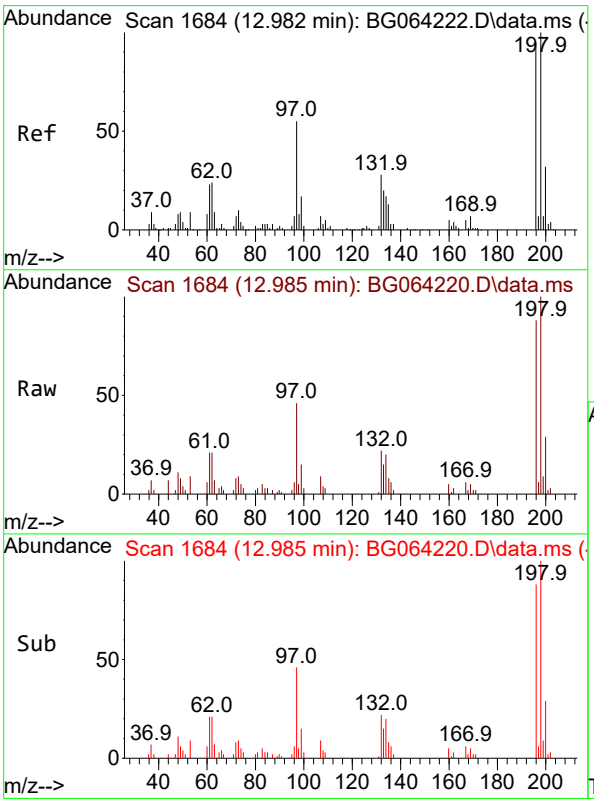
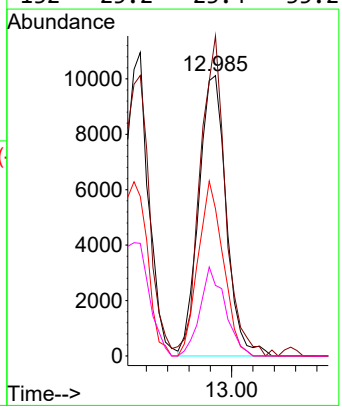
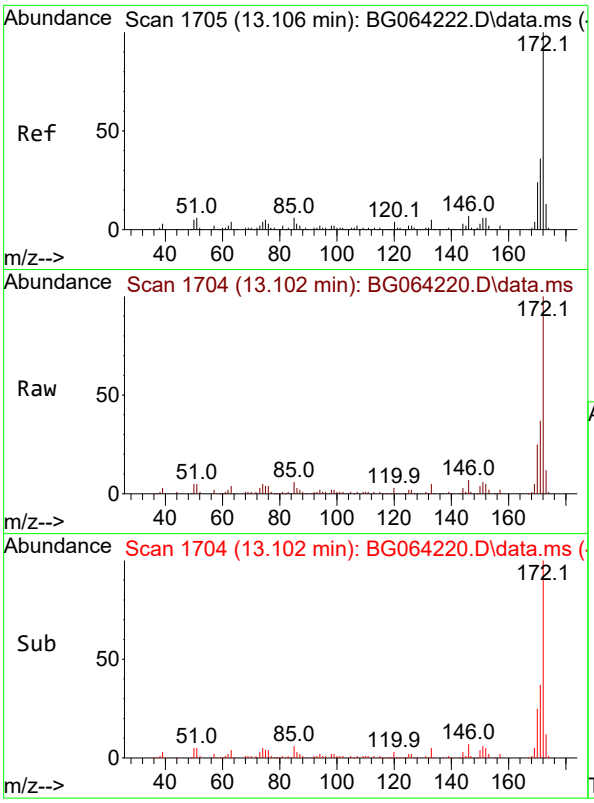


#44
2,4,5-Trichlorophenol
Concen: 9.236 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:196 Resp: 18196

Ion	Ratio	Lower	Upper
196	100		
198	114.2	84.5	126.7
97	52.5	46.8	70.2
132	25.2	23.4	35.2

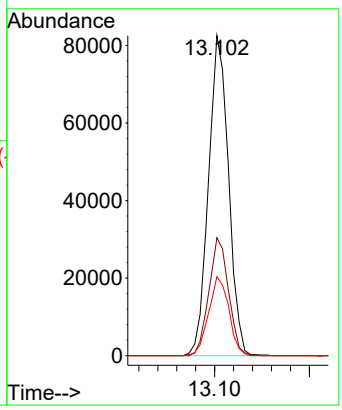




#45
2-Fluorobiphenyl
Concen: 19.623 ng
RT: 13.102 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:172 Resp: 12107

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.7	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
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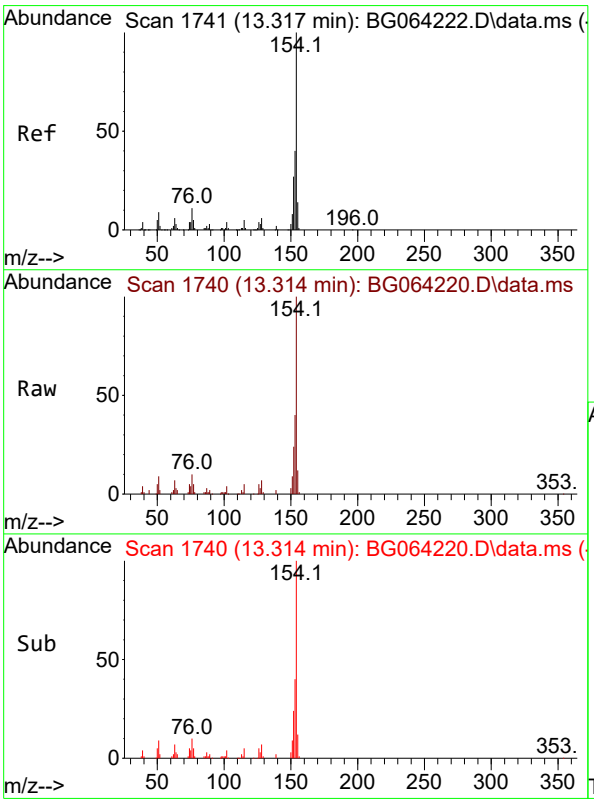
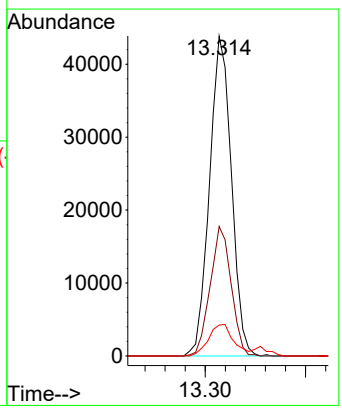
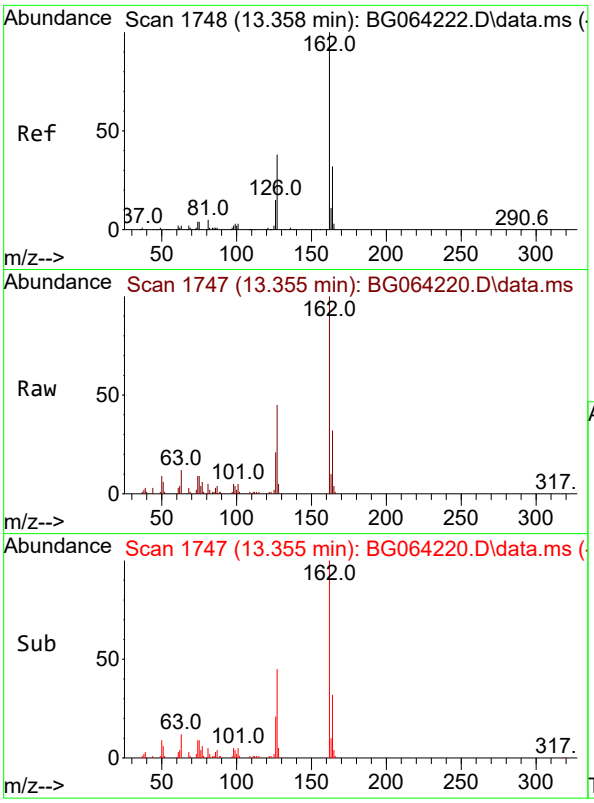


#46
1,1'-Biphenyl
Concen: 9.691 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:154 Resp: 66470

Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.9	59.9
76	9.6	0.0	30.9

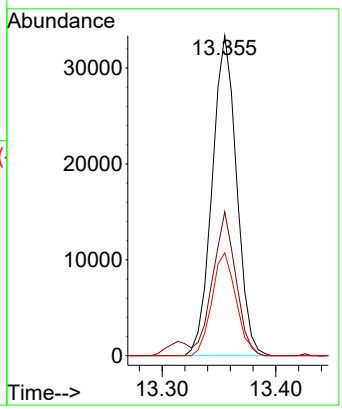




#47
2-Chloronaphthalene
Concen: 9.671 ng
RT: 13.355 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:162 Resp: 4986

Ion	Ratio	Lower	Upper
162	100		
127	45.0	33.9	50.9
164	32.2	25.4	38.2



Instrument :
BNA_G
ClientSampleId :
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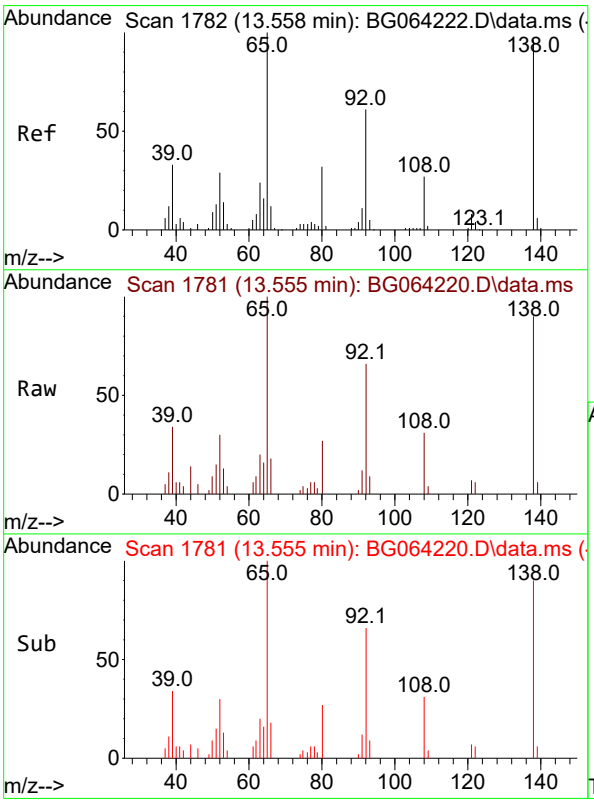
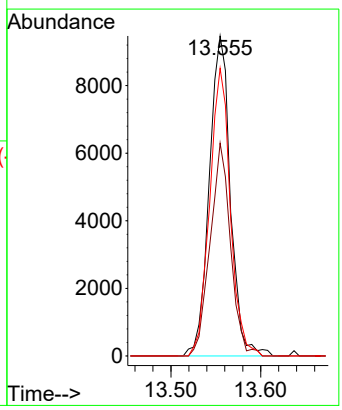
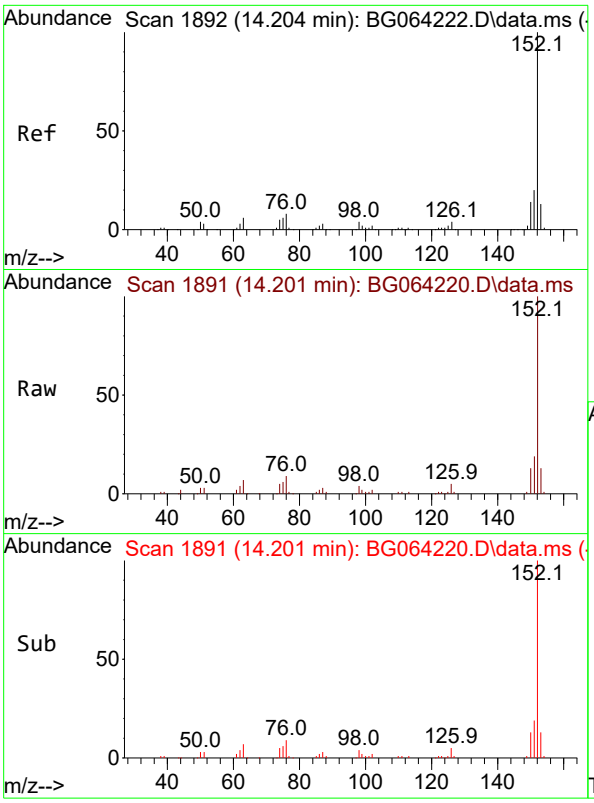


#48
2-Nitroaniline
Concen: 8.811 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion: 65 Resp: 15487

Ion	Ratio	Lower	Upper
65	100		
92	66.5	49.2	73.8
138	89.9	76.8	115.2

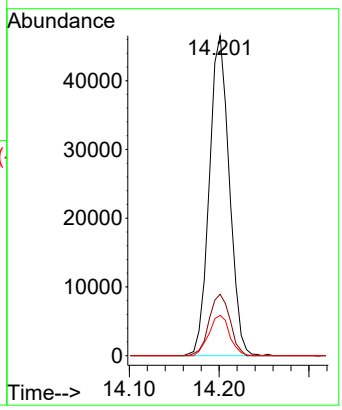




#49
Acenaphthylene
Concen: 9.437 ng
RT: 14.201 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:152 Resp: 7193

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	12.6	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
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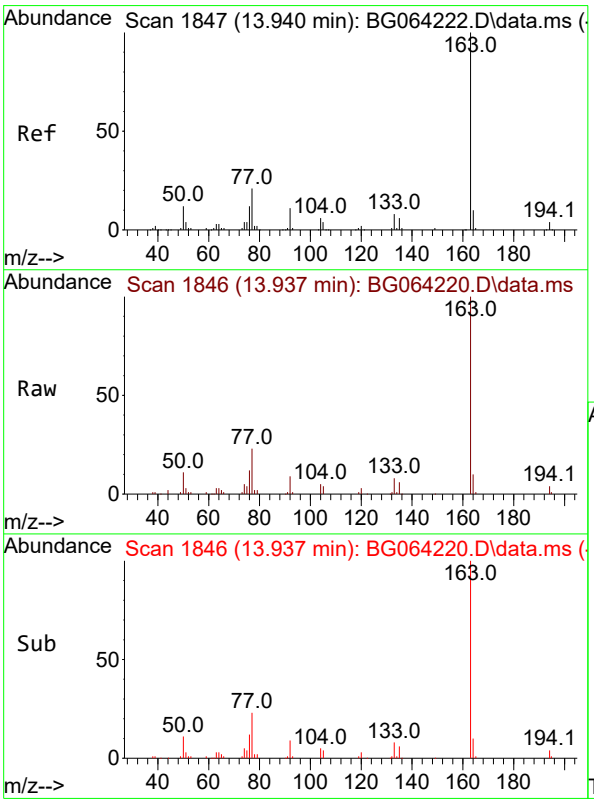
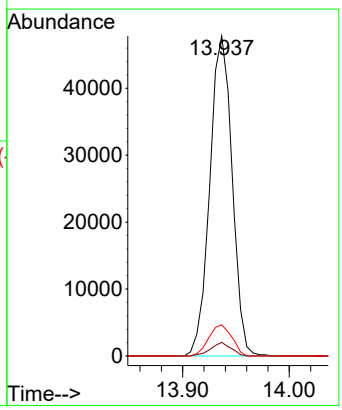
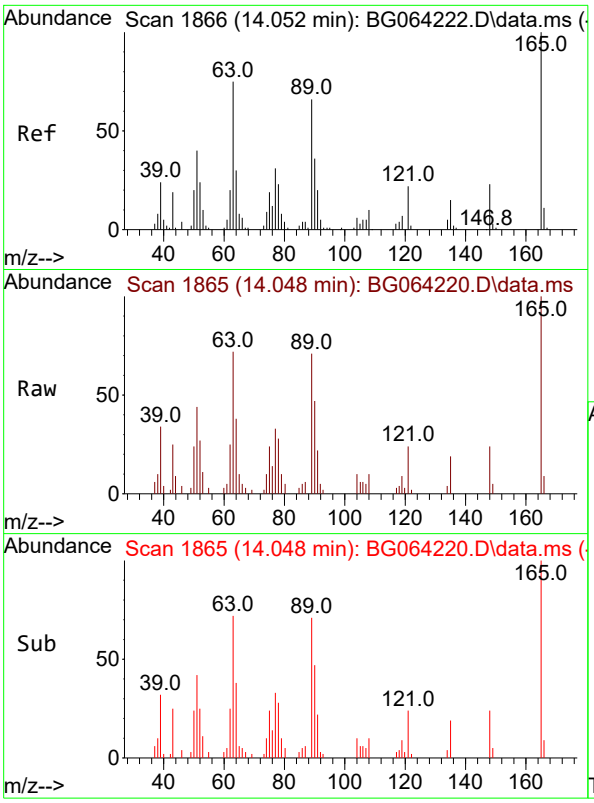


#50
Dimethylphthalate
Concen: 9.749 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:163 Resp: 69493

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.8	7.9	11.9

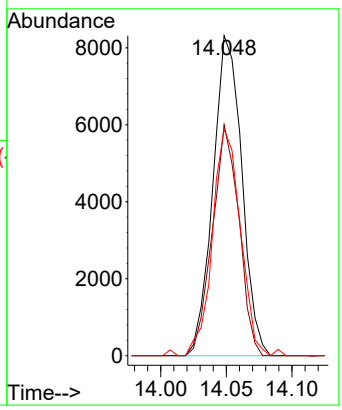




#51
2,6-Dinitrotoluene
Concen: 9.190 ng
RT: 14.048 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:165 Resp: 1268

Ion	Ratio	Lower	Upper
165	100		
63	72.1	60.3	90.5
89	70.7	52.9	79.3



Instrument :
BNA_G
ClientSampleId :
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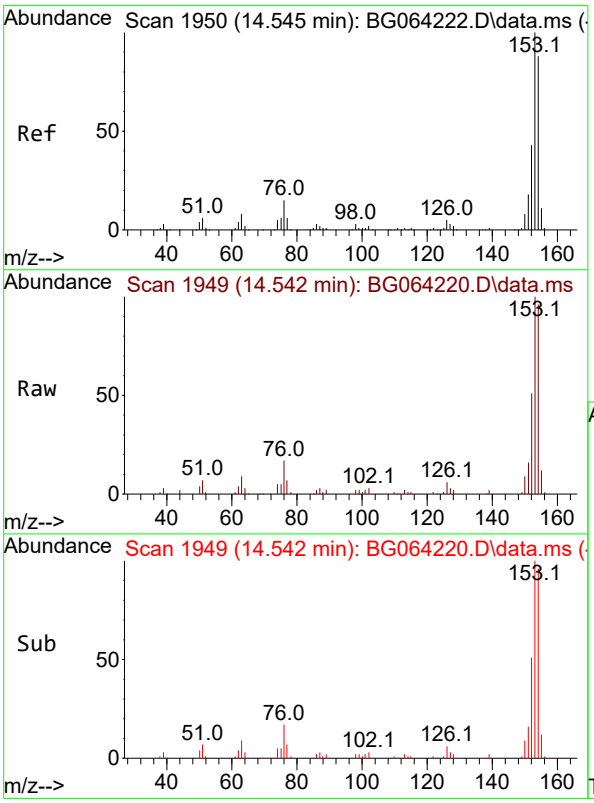
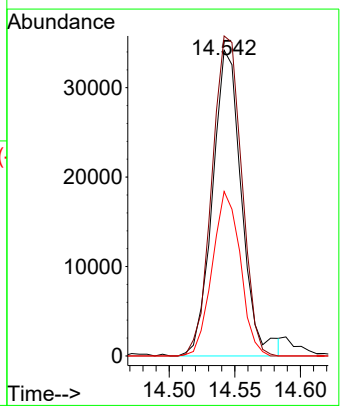
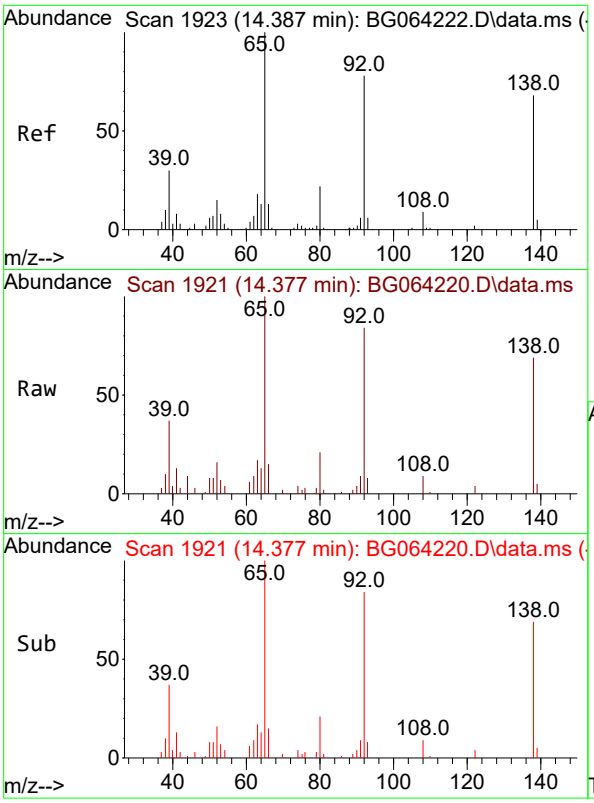


#52
Acenaphthene
Concen: 9.806 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:154 Resp: 52750

Ion	Ratio	Lower	Upper
154	100		
153	104.7	91.1	136.7
152	53.8	39.6	59.4

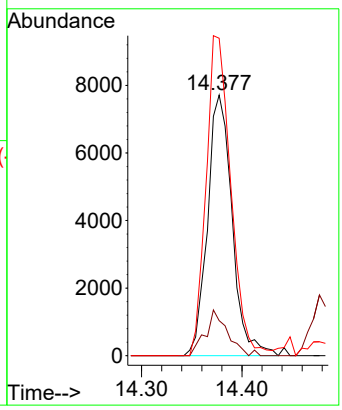




#53
3-Nitroaniline
Concen: 9.102 ng
RT: 14.377 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:138 Resp: 1315

Ion	Ratio	Lower	Upper
138	100		
108	13.4	11.0	16.6
92	121.8	91.4	137.0



Instrument :
BNA_G
ClientSampleId :
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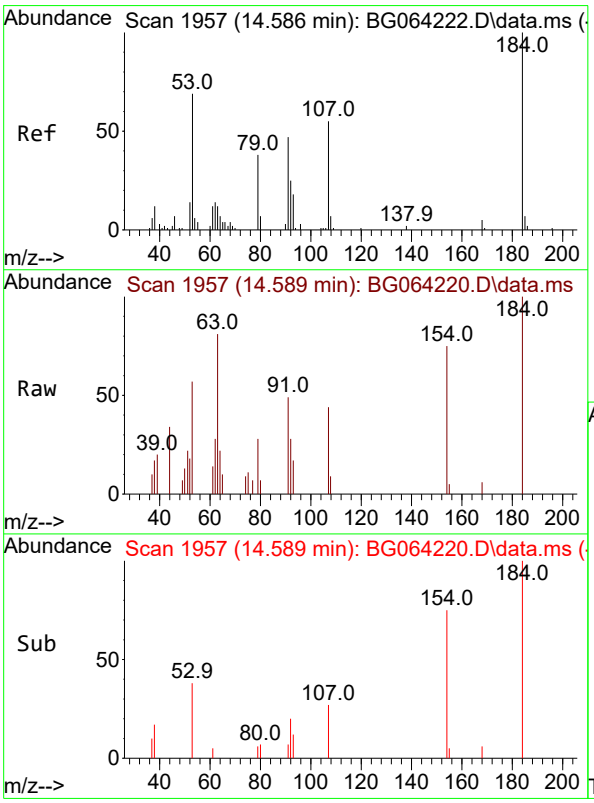
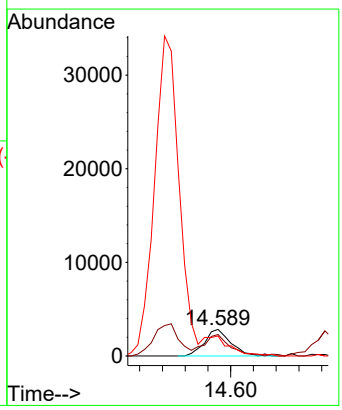
Supervised By :Jagrut Upadhyay 08/29/2025

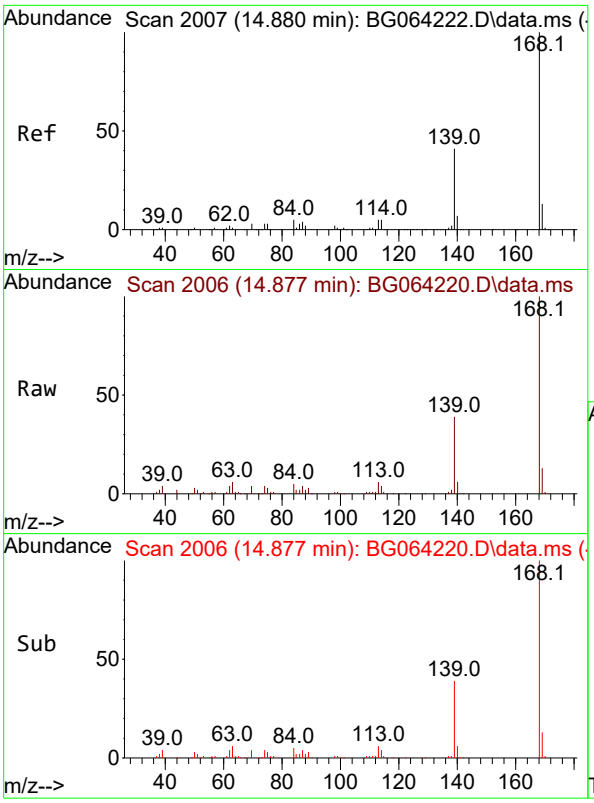


#54
2,4-Dinitrophenol
Concen: 10.334 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:184 Resp: 4543

Ion	Ratio	Lower	Upper
184	100		
63	81.0	60.1	90.1
154	75.5	59.8	89.8

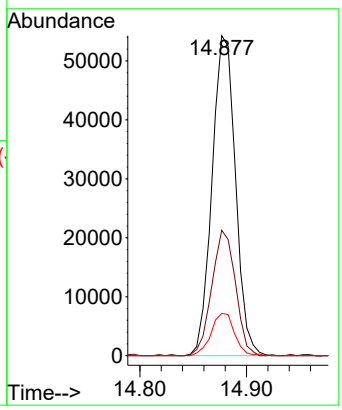




#55
Dibenzofuran
Concen: 9.773 ng
RT: 14.877 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:168 Resp: 8269

Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.2	49.8
169	13.2	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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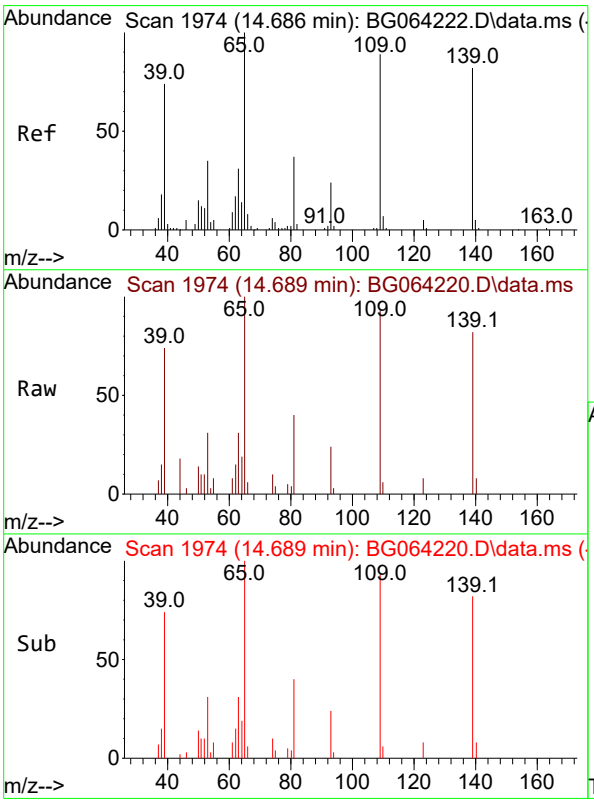
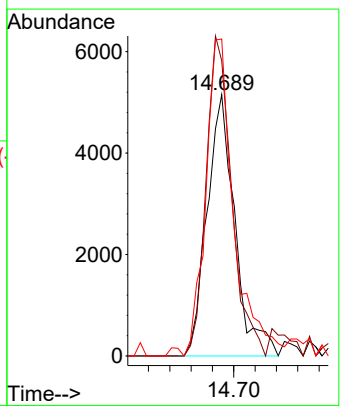
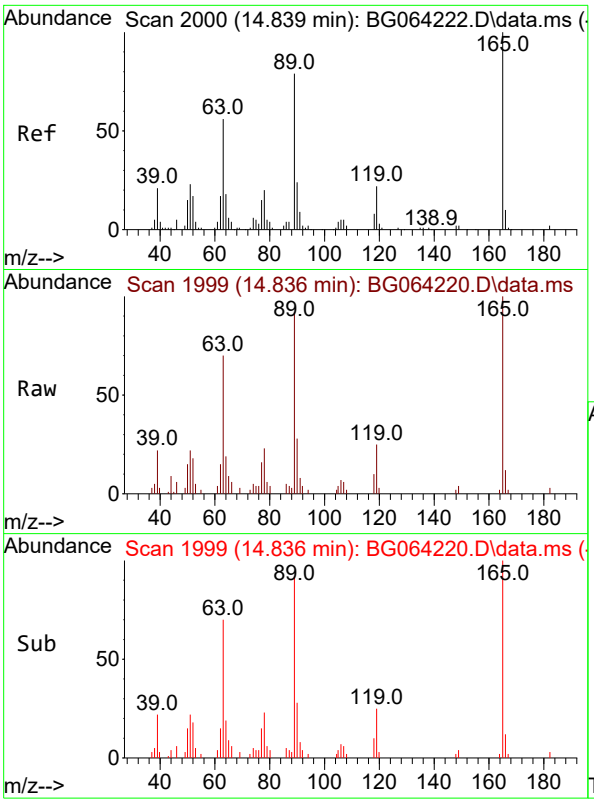


#56
4-Nitrophenol
Concen: 7.889 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:139 Resp: 9355

Ion	Ratio	Lower	Upper
139	100		
109	113.0	89.1	129.1
65	121.3	102.9	142.9

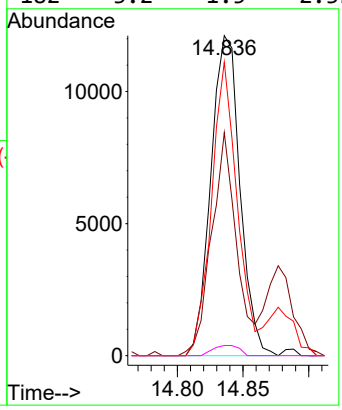




#57
2,4-Dinitrotoluene
Concen: 8.975 ng
RT: 14.836 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:165 Resp: 1872

Ion	Ratio	Lower	Upper
165	100		
63	69.7	44.6	67.0#
89	91.7	63.0	94.4
182	3.2	1.5	2.3#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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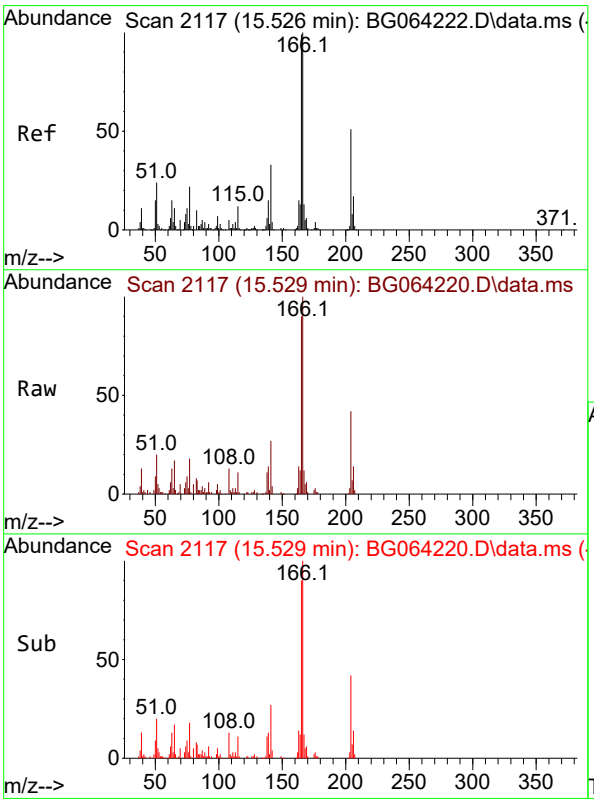
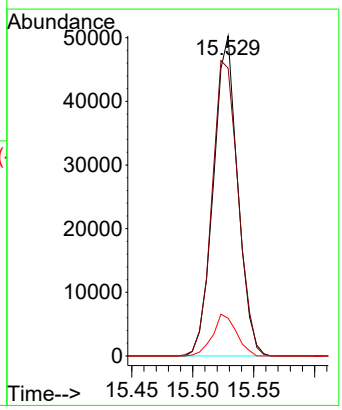
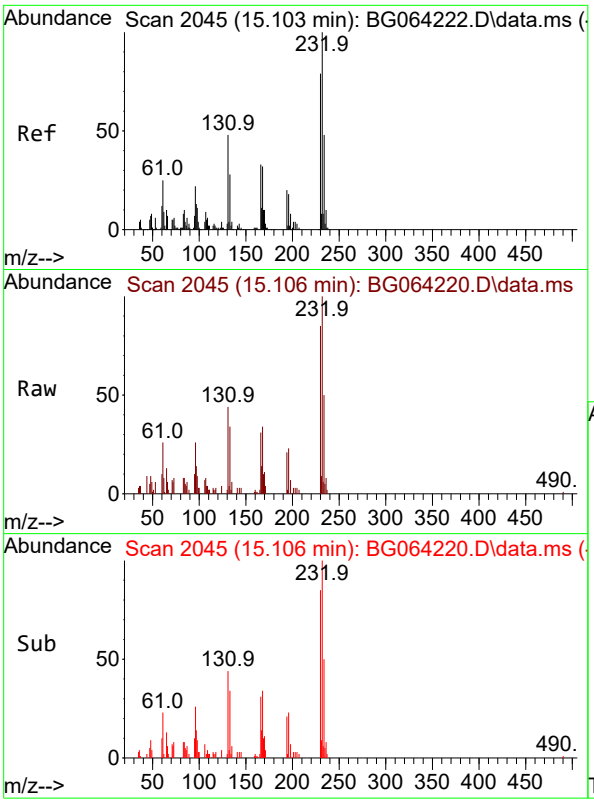


#58
Fluorene
Concen: 10.035 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:166 Resp: 69596

Ion	Ratio	Lower	Upper
166	100		
165	89.9	79.1	118.7
167	11.8	10.2	15.4

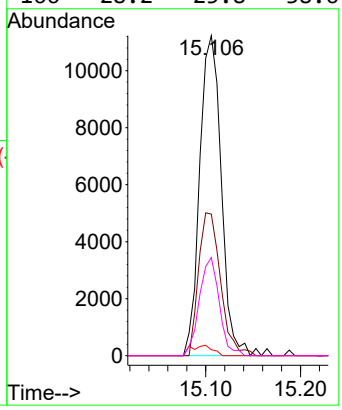




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.385 ng
RT: 15.106 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:232 Resp: 1778

Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.1	55.7
130	3.2	2.6	3.8
166	28.2	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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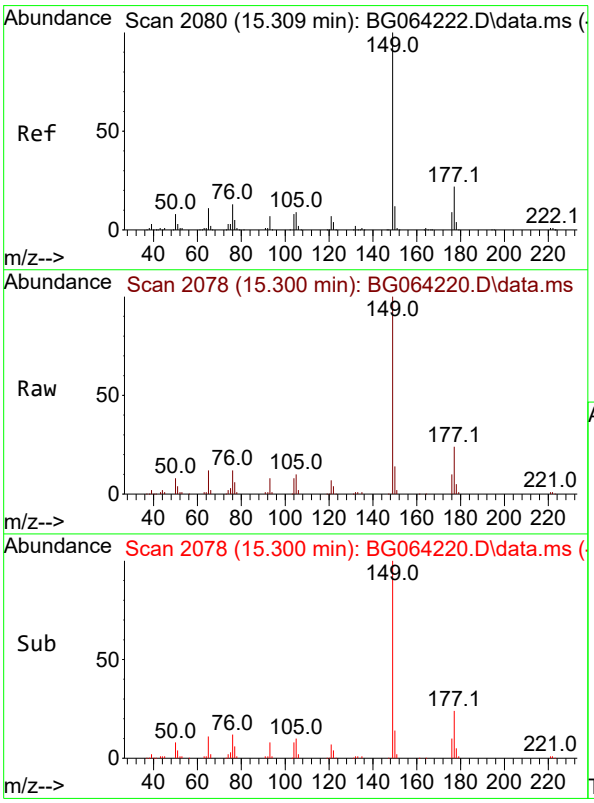
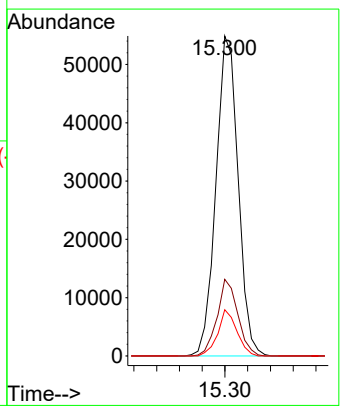
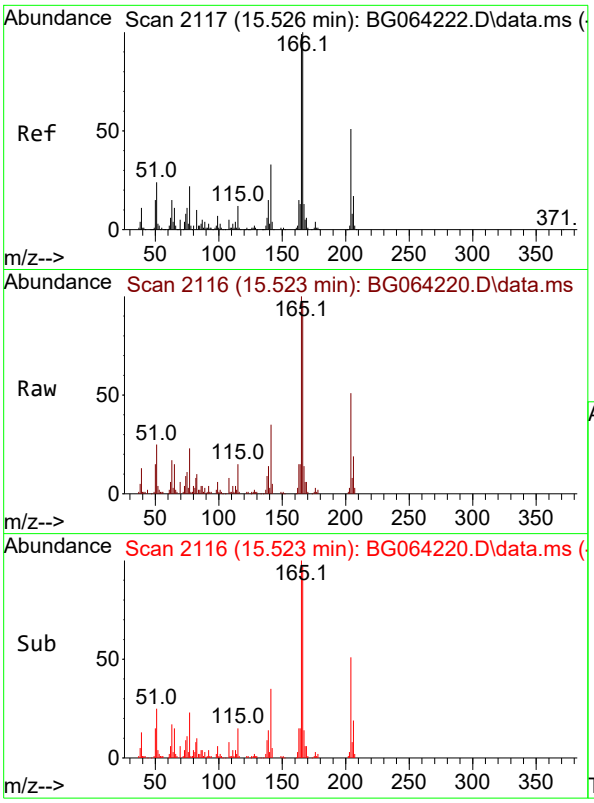


#60
Diethylphthalate
Concen: 9.736 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:149 Resp: 74277

Ion	Ratio	Lower	Upper
149	100		
177	24.0	17.5	26.3
150	14.5	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.762 ng
RT: 15.523 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:204 Resp: 3375

Ion	Ratio	Lower	Upper
204	100		
206	38.1	26.2	39.4
141	69.5	51.9	77.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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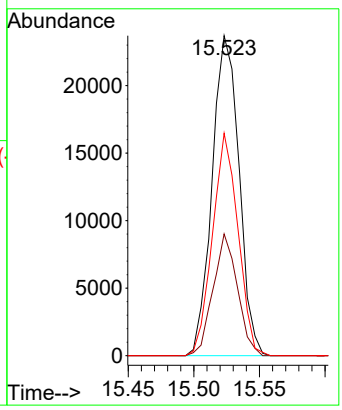
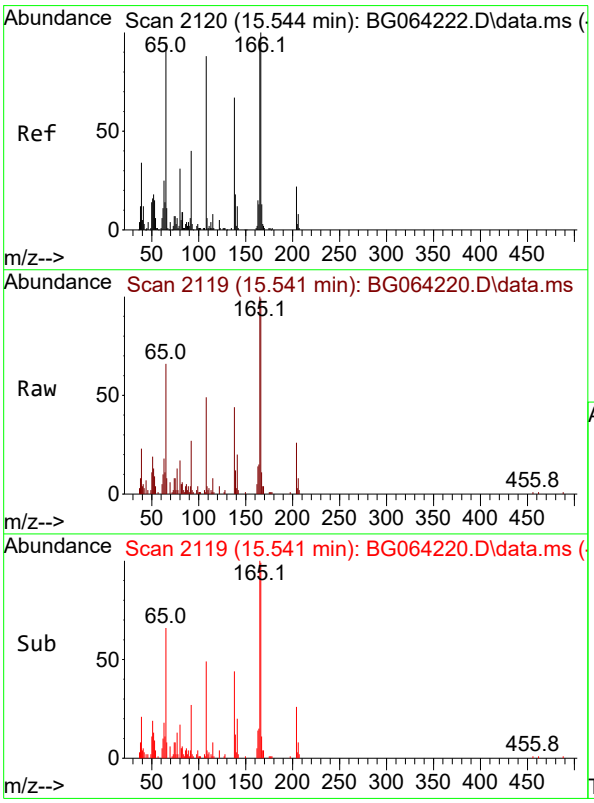
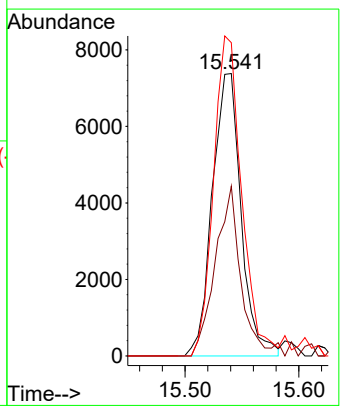


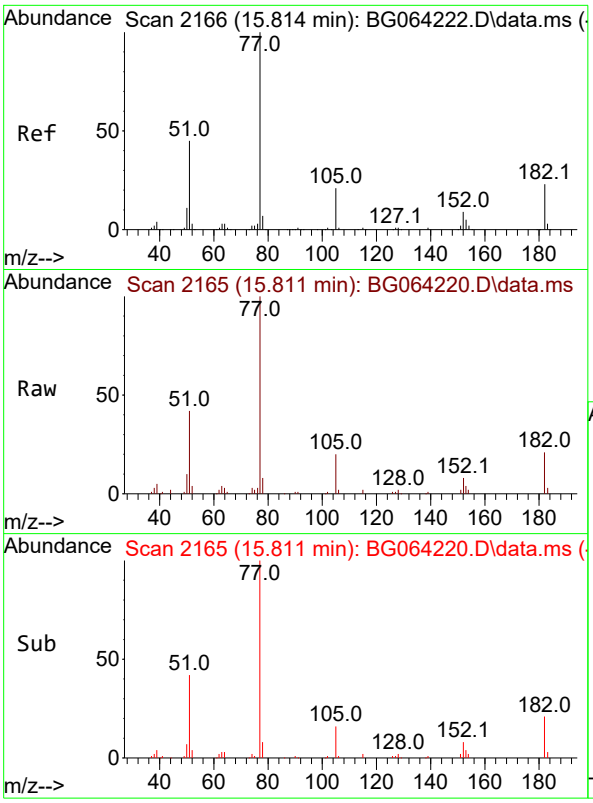


#62
4-Nitroaniline
Concen: 8.788 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:138 Resp: 12962

Ion	Ratio	Lower	Upper
138	100		
92	60.1	39.1	79.1
108	111.0	111.3	151.3#





#63
Azobenzene
Concen: 9.848 ng
RT: 15.811 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 6696

Ion	Ratio	Lower	Upper
77	100		
182	21.0	3.3	43.3
105	19.5	0.6	40.6
51	42.3	25.3	65.3

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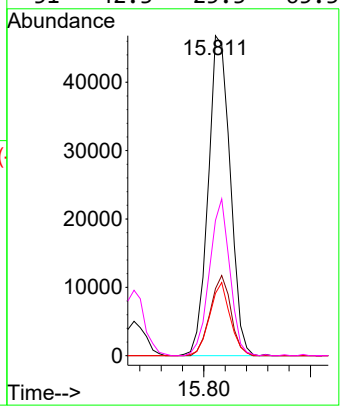
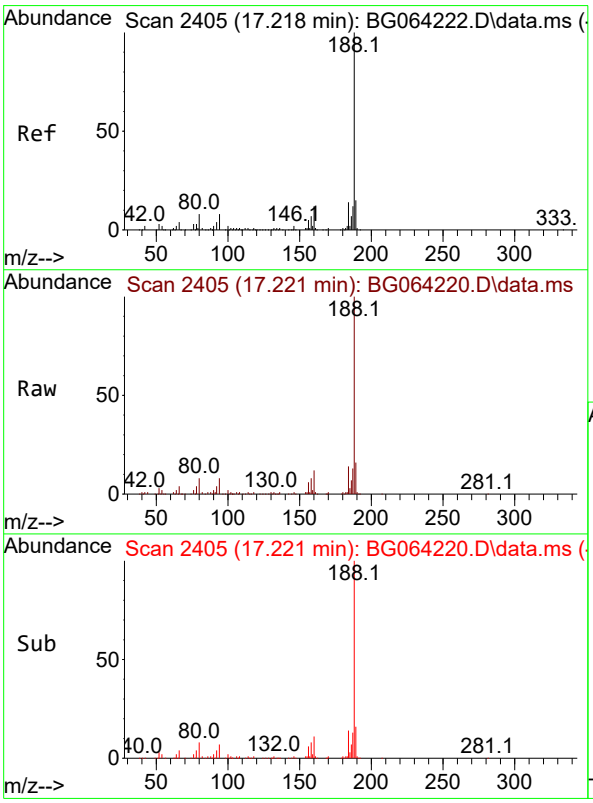
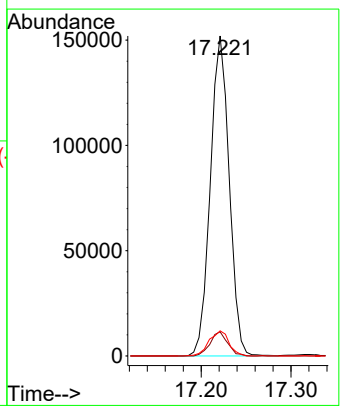


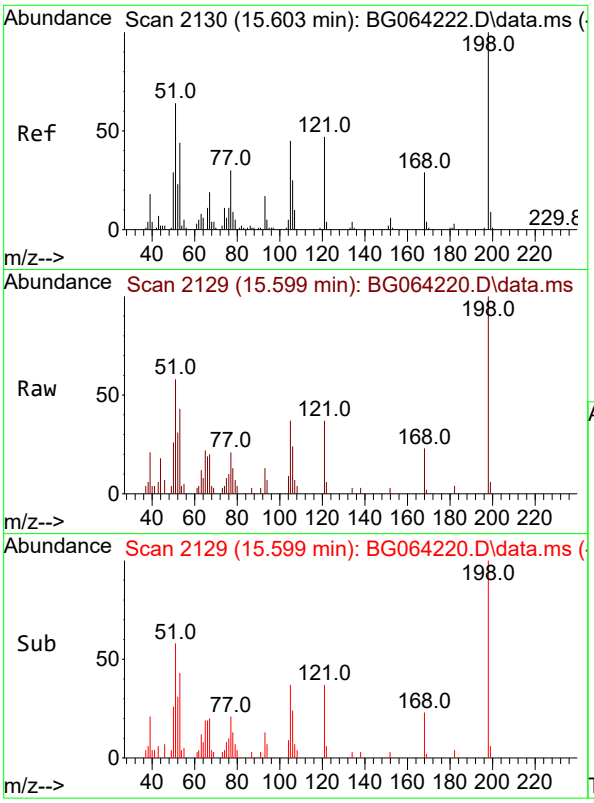


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:188 Resp: 221898

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	7.9	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 7.431 ng
RT: 15.599 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:198 Resp: 946

Ion	Ratio	Lower	Upper
198	100		
51	58.4	46.2	86.2
105	37.2	25.0	65.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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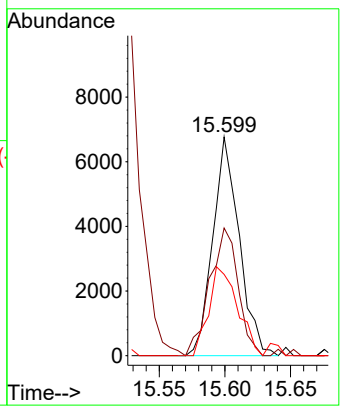
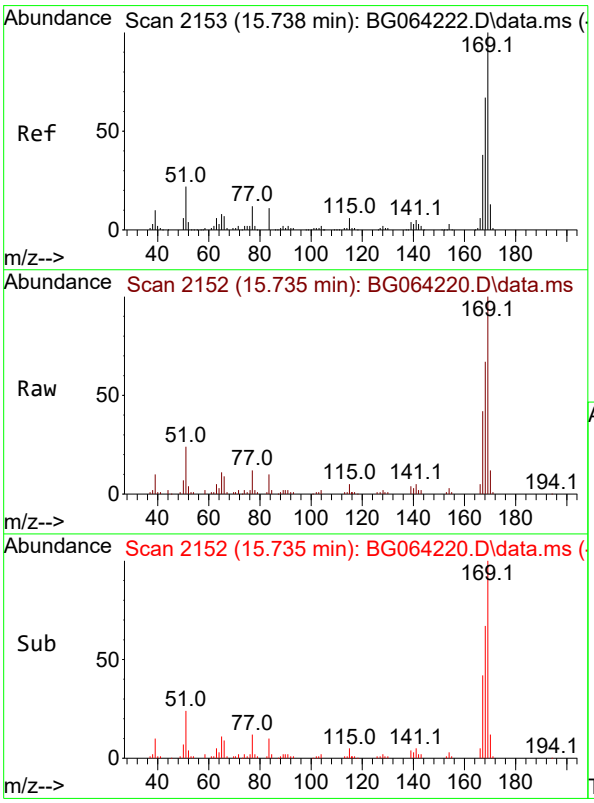
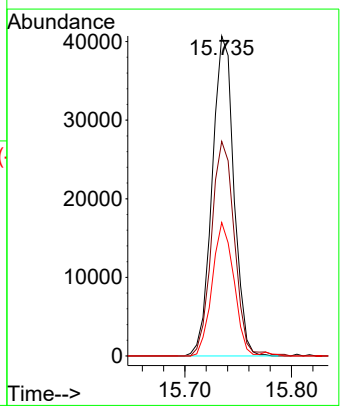


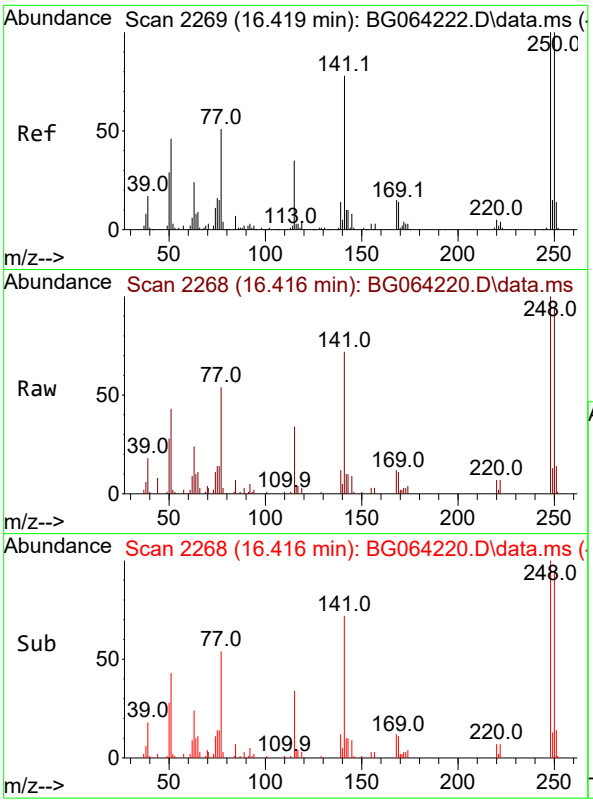


#66
n-Nitrosodiphenylamine
Concen: 9.422 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:169 Resp: 57515

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	41.7	30.2	45.2





#67
4-Bromophenyl-phenylether
Concen: 10.032 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 2364

Ion	Ratio	Lower	Upper
248	100		
250	95.2	80.2	120.4
141	72.0	62.4	93.6

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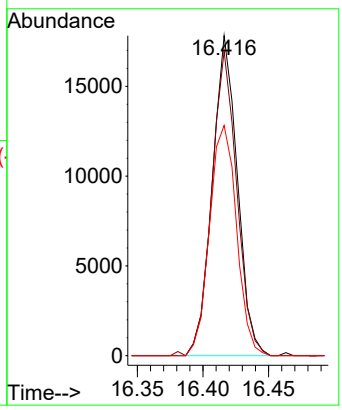
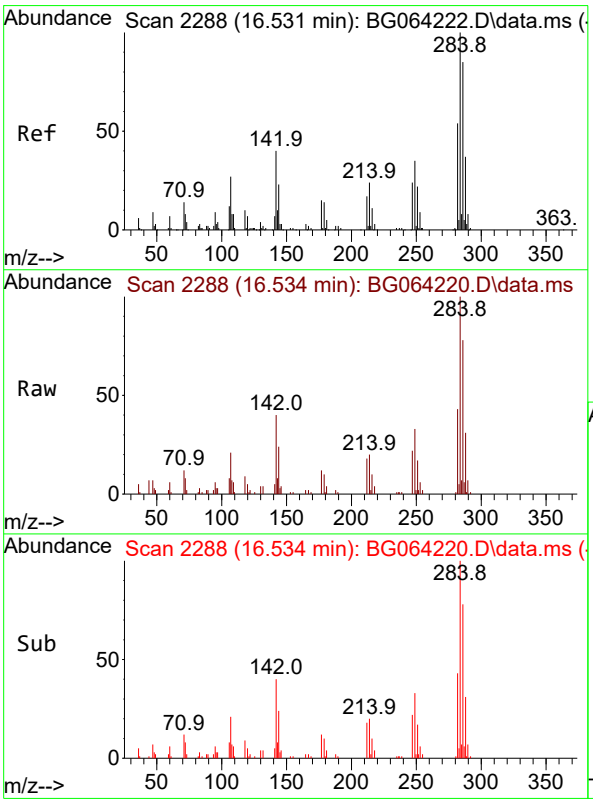
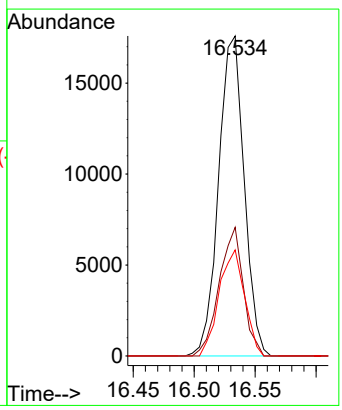


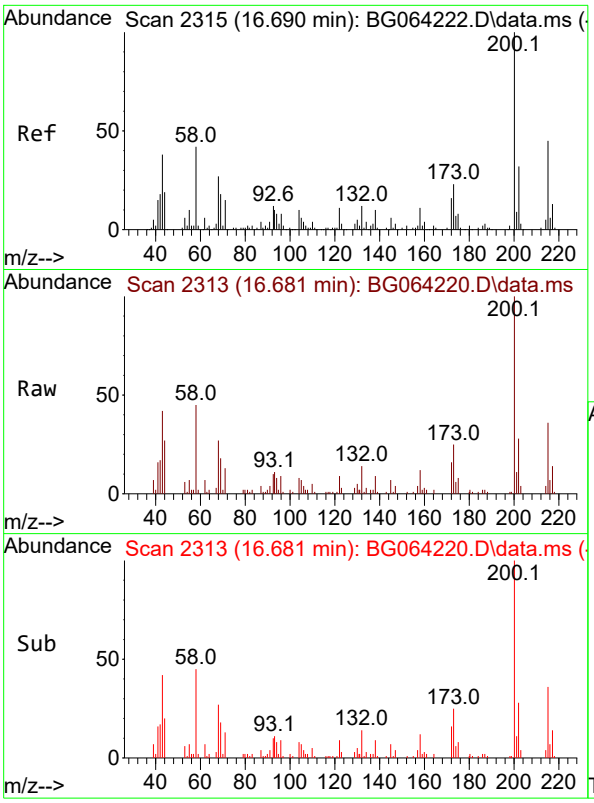


#68
Hexachlorobenzene
Concen: 9.815 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:284 Resp: 25688

Ion	Ratio	Lower	Upper
284	100		
142	40.2	32.1	48.1
249	35.2	28.3	42.5

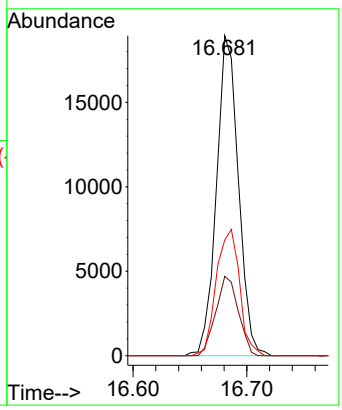




#69
Atrazine
Concen: 9.997 ng
RT: 16.681 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:200 Resp: 2547

Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.5	43.5
215	36.1	24.8	64.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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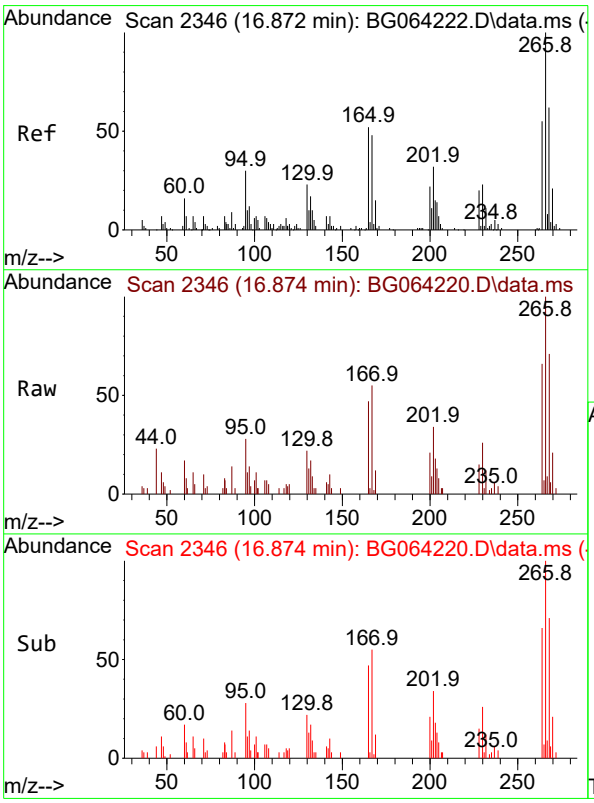
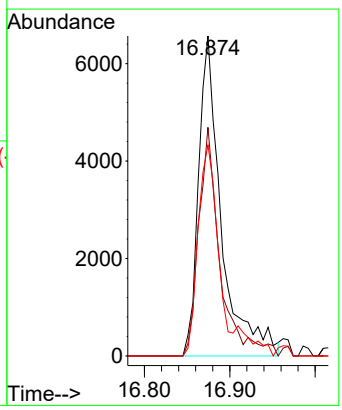
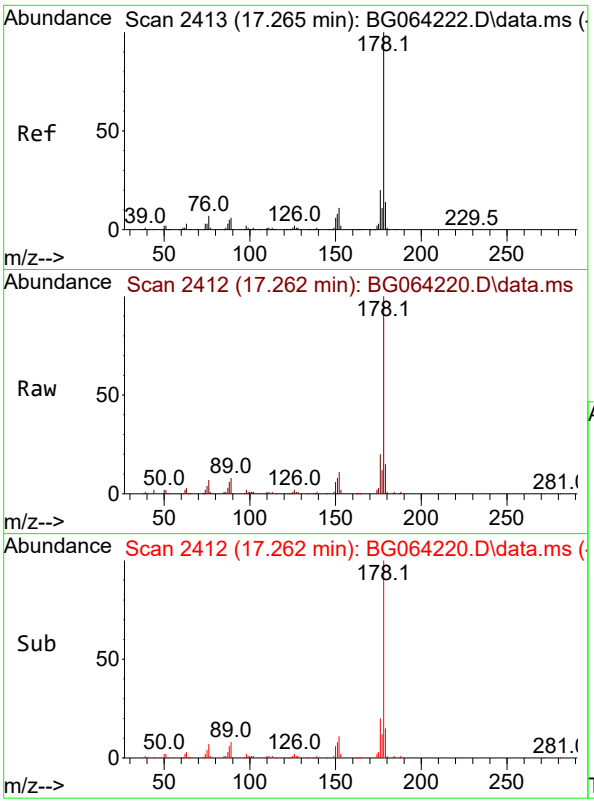


#70
Pentachlorophenol
Concen: 7.693 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:266 Resp: 12208

Ion	Ratio	Lower	Upper
266	100		
268	77.1	49.4	74.0#
264	65.9	44.3	66.5





#71
Phenanthrene
Concen: 9.780 ng
RT: 17.262 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:178 Resp: 11445

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	14.7	11.4	17.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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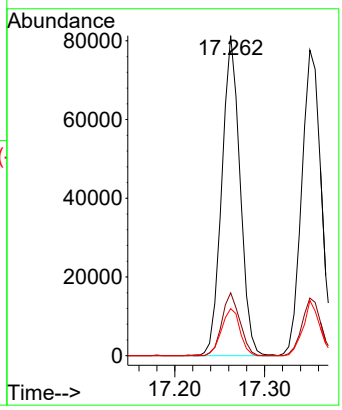
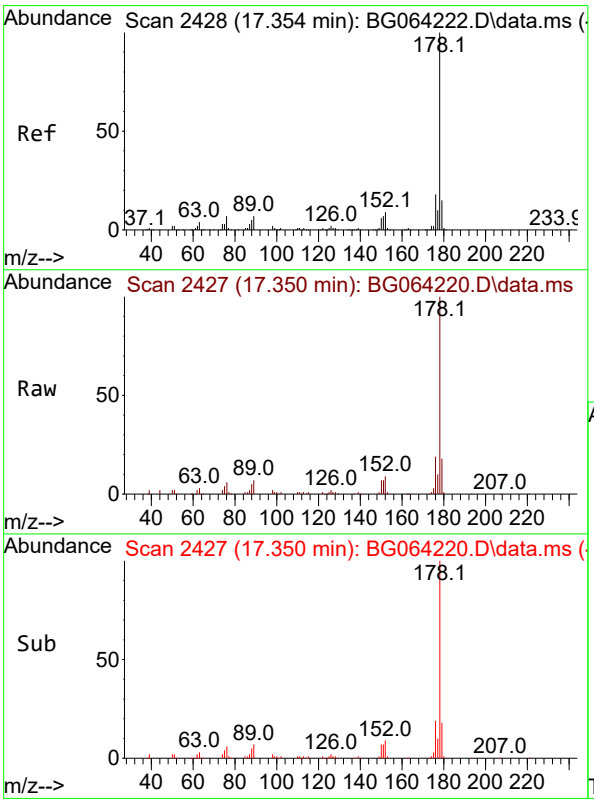
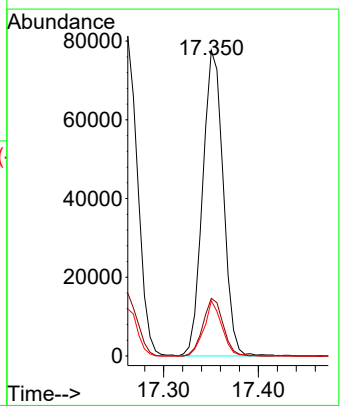


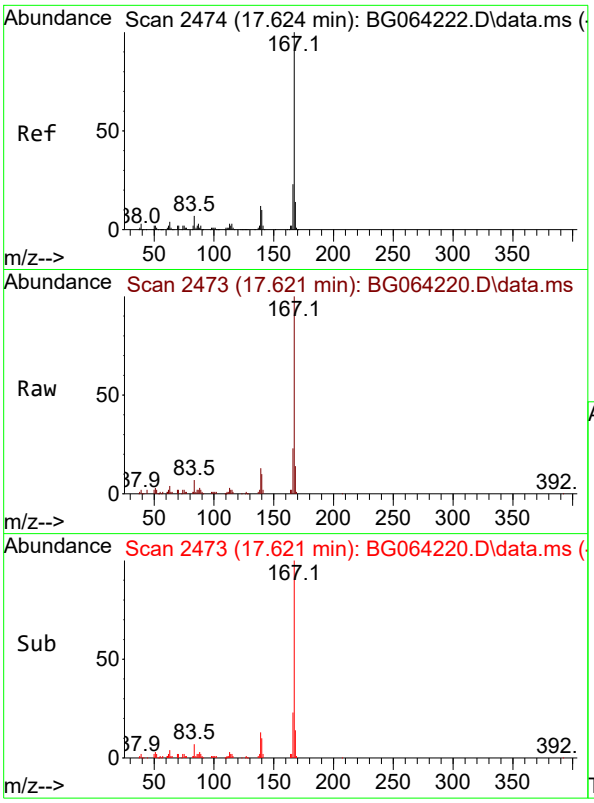


#72
Anthracene
Concen: 9.814 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:178 Resp: 116836

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	18.1	12.1	18.1

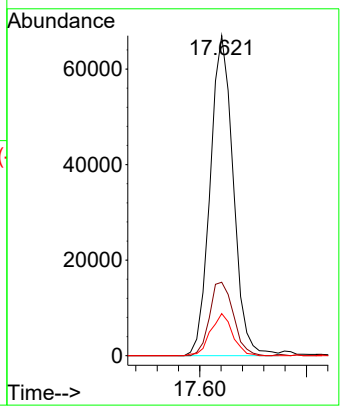




#73
Carbazole
Concen: 9.603 ng
RT: 17.621 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:167 Resp: 10070

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	13.1	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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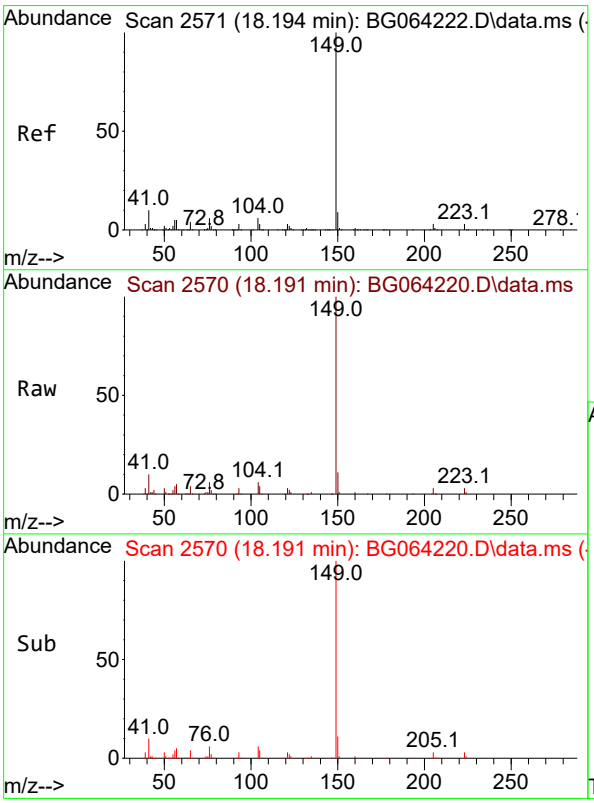
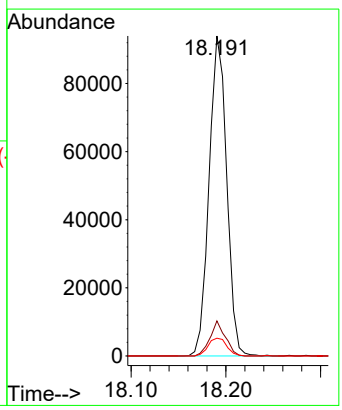
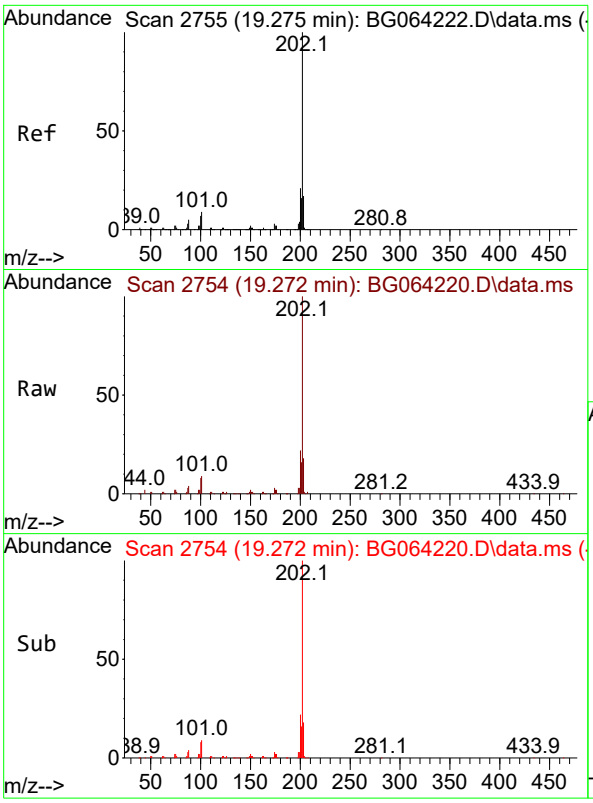


#74
Di-n-butylphthalate
Concen: 9.587 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:149 Resp: 120797

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.5	11.3
104	5.5	4.6	7.0

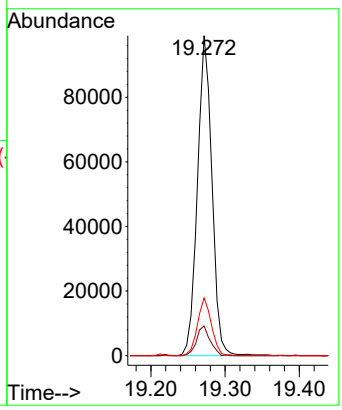




#75
Fluoranthene
Concen: 9.767 ng
RT: 19.272 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:202 Resp: 13441

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.7
203	18.0	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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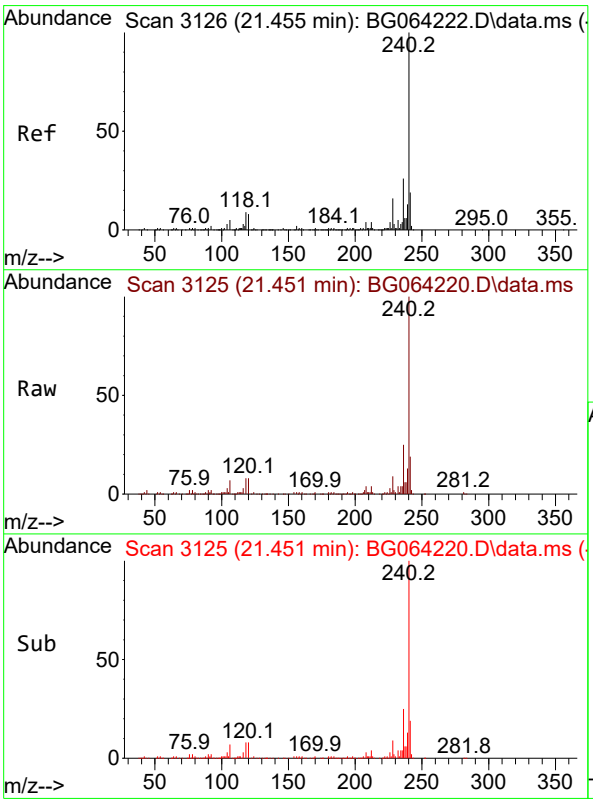
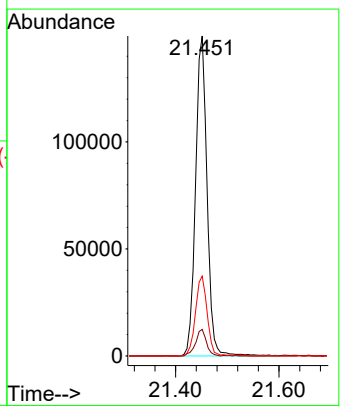
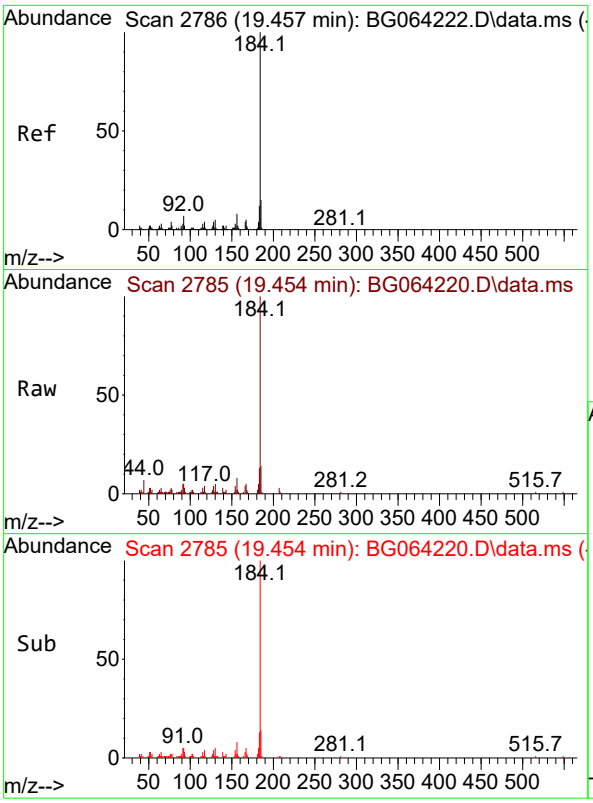


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:240 Resp: 230611

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.2	9.4
236	25.0	20.5	30.7





#77
Benzidine
Concen: 10.798 ng
RT: 19.454 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:184 Resp: 5238

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	12.8	9.7	14.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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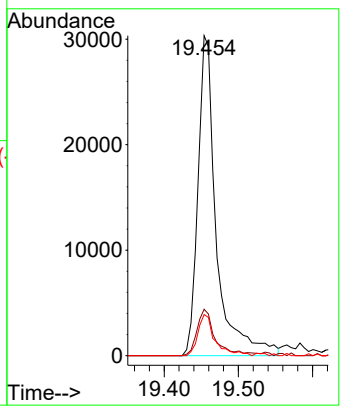
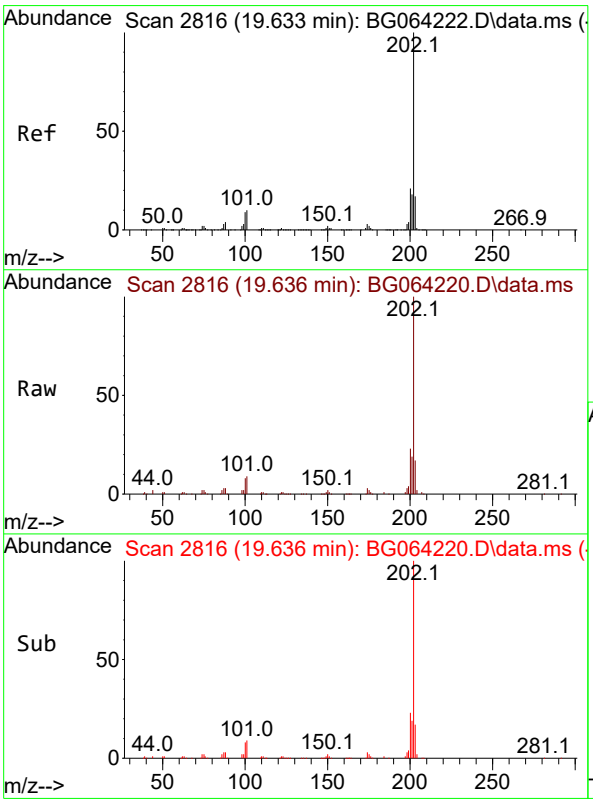
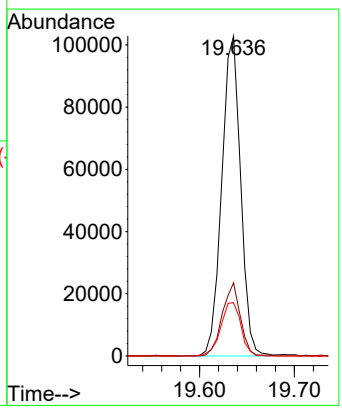


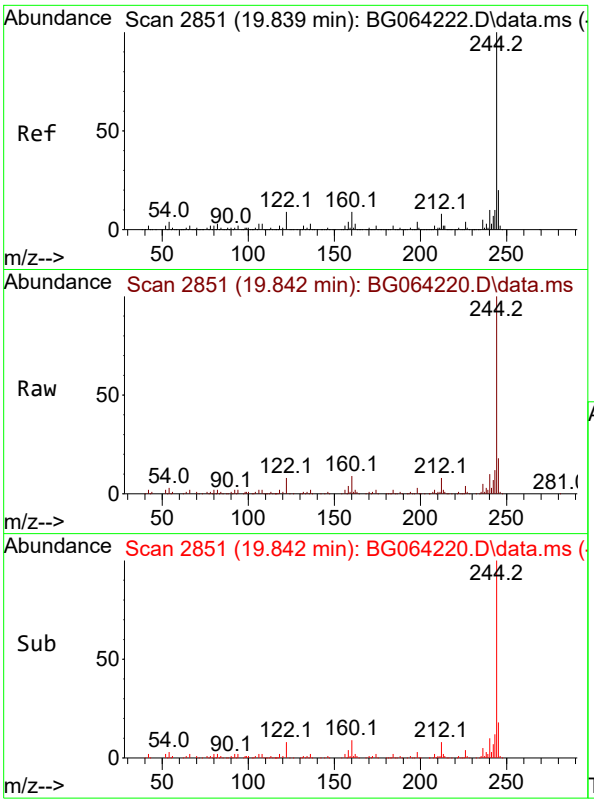


#78
Pyrene
Concen: 9.807 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:202 Resp: 142485

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	16.6	13.8	20.8





#79
Terphenyl-d14
Concen: 20.318 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 22458

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	7.8	7.0	10.6

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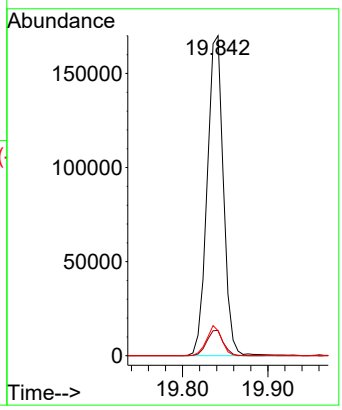
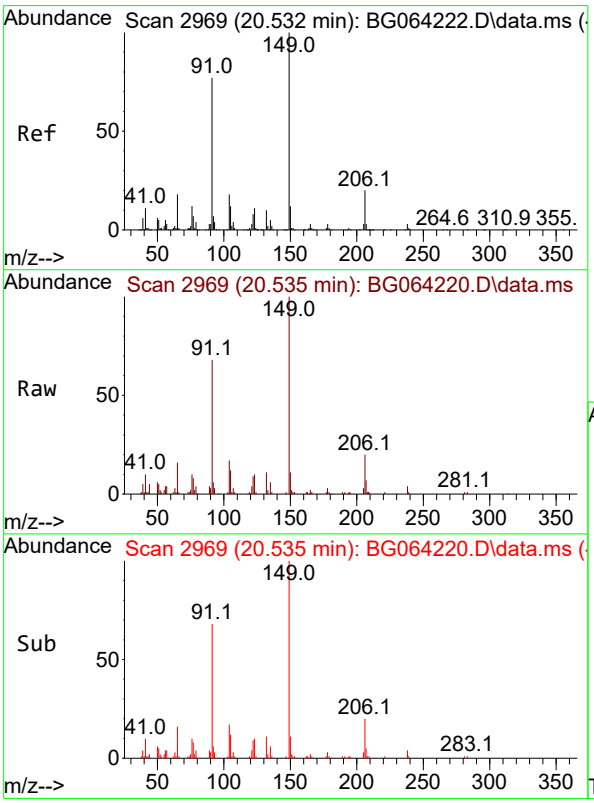
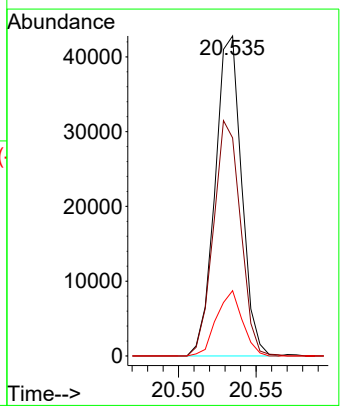


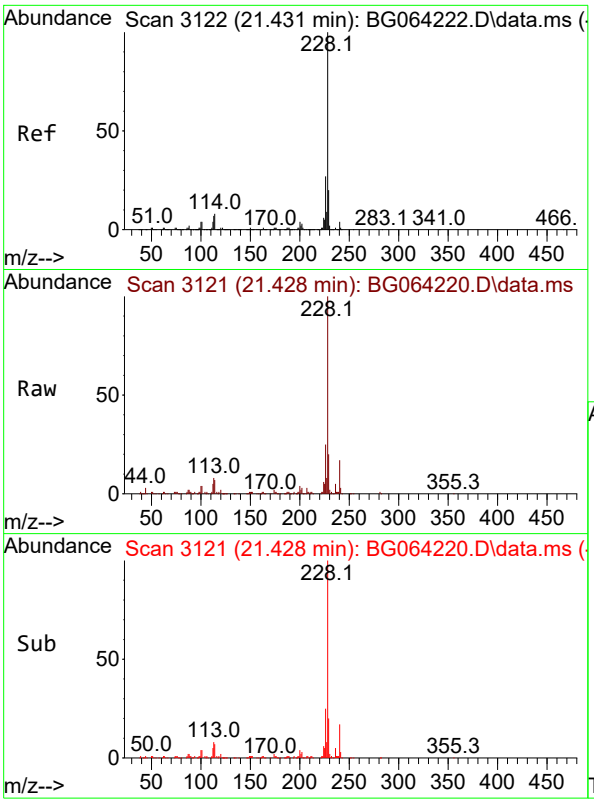


#80
Butylbenzylphthalate
Concen: 9.269 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.002 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:149 Resp: 50791

Ion	Ratio	Lower	Upper
149	100		
91	68.1	61.4	92.0
206	20.4	15.8	23.6

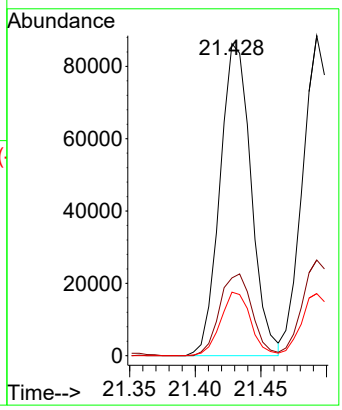




#81
Benzo(a)anthracene
Concen: 9.676 ng
RT: 21.428 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:228 Resp: 14275

Ion	Ratio	Lower	Upper
228	100		
226	24.9	21.7	32.5
229	20.3	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
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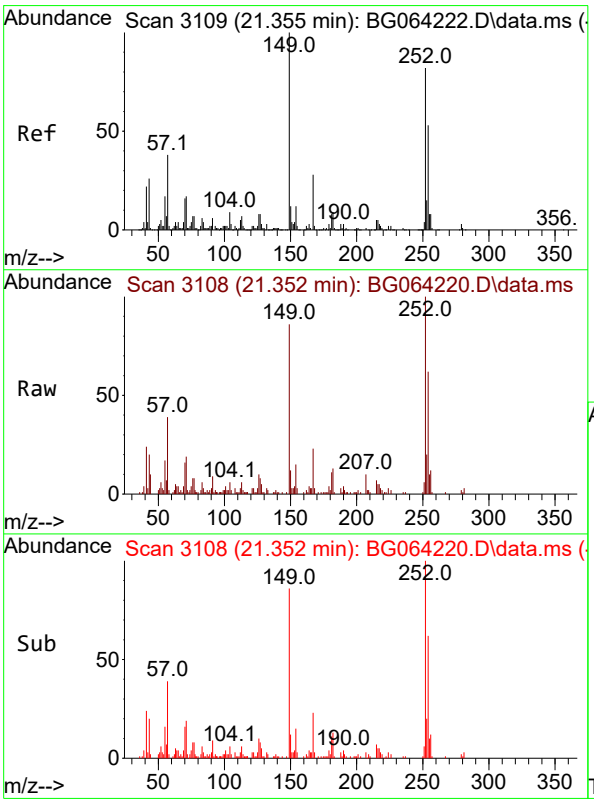
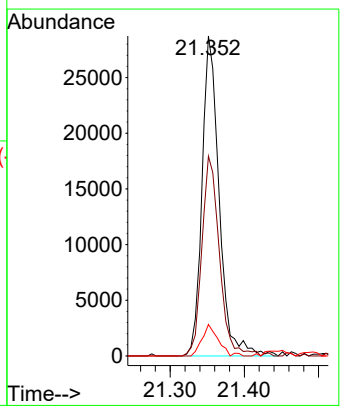
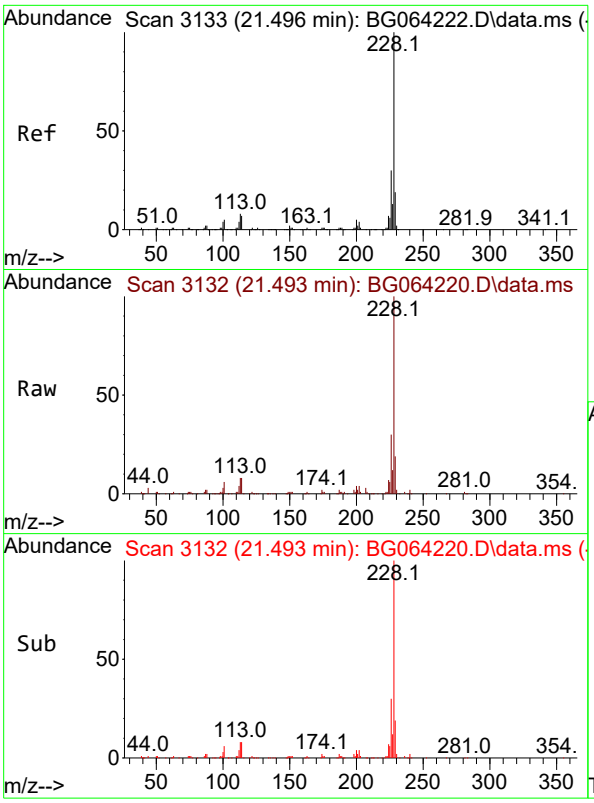


#82
3,3'-Dichlorobenzidine
Concen: 9.629 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 46265

Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.9	77.9
126	9.9	7.6	11.4

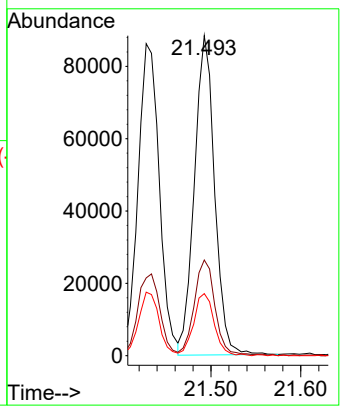




#83
Chrysene
Concen: 9.747 ng
RT: 21.493 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:228 Resp: 13805

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.4	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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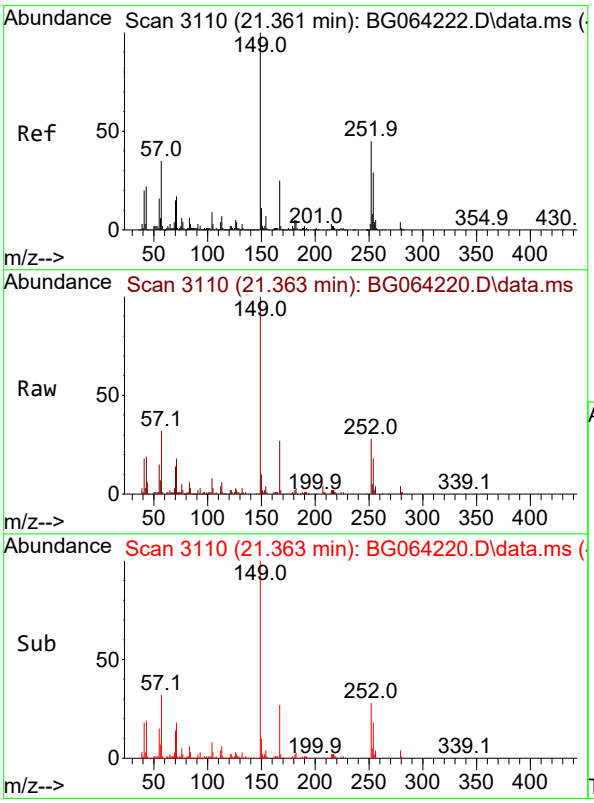
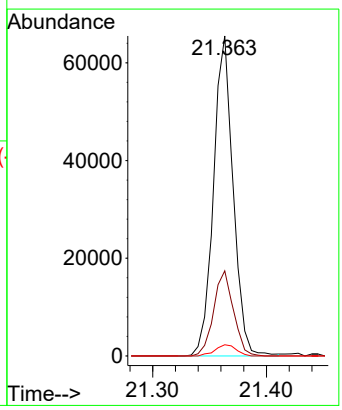
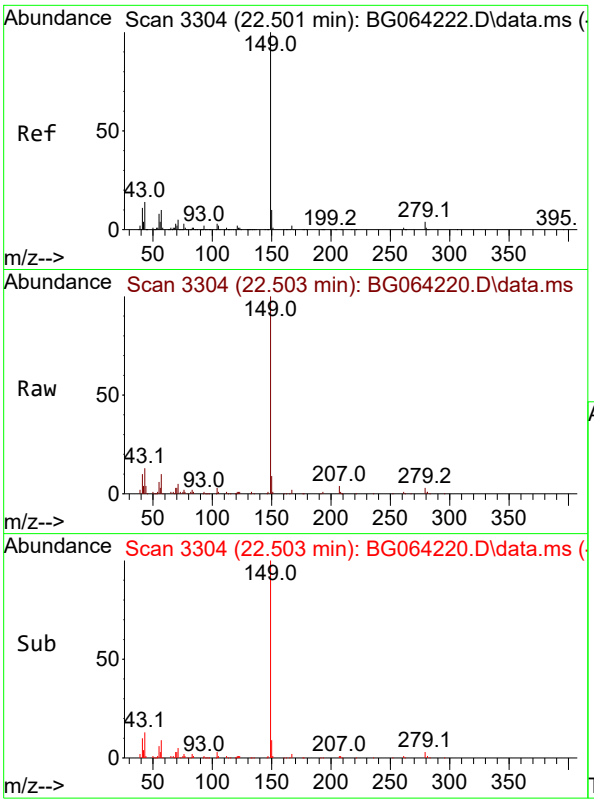


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.549 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:149 Resp: 78558

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.0	30.0
279	3.5	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 9.329 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:149 Resp: 13372

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.3	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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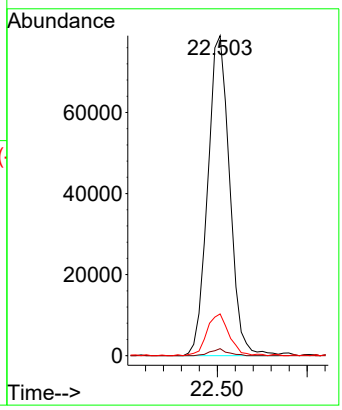
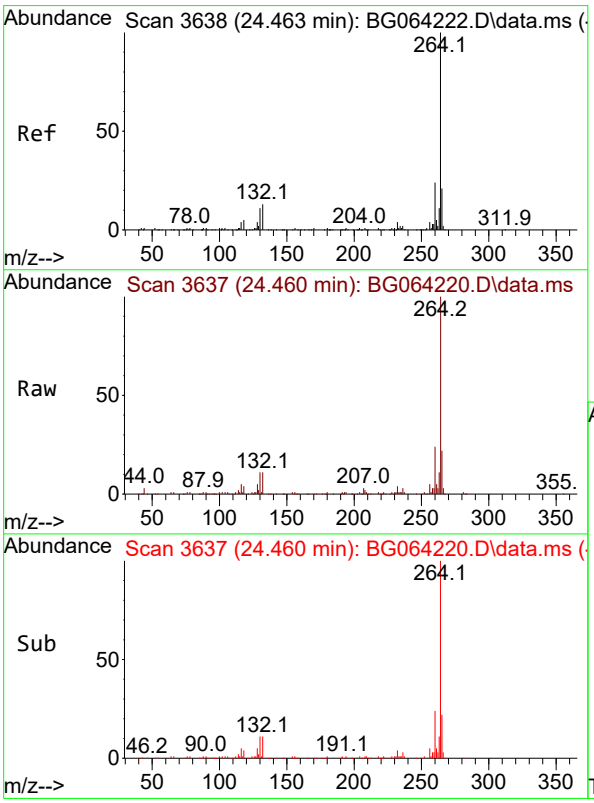
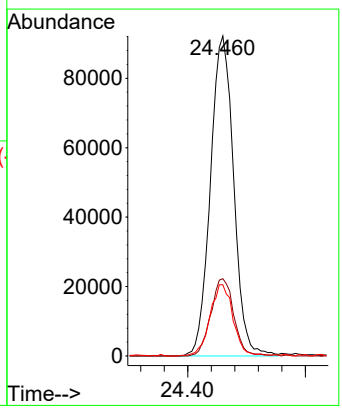


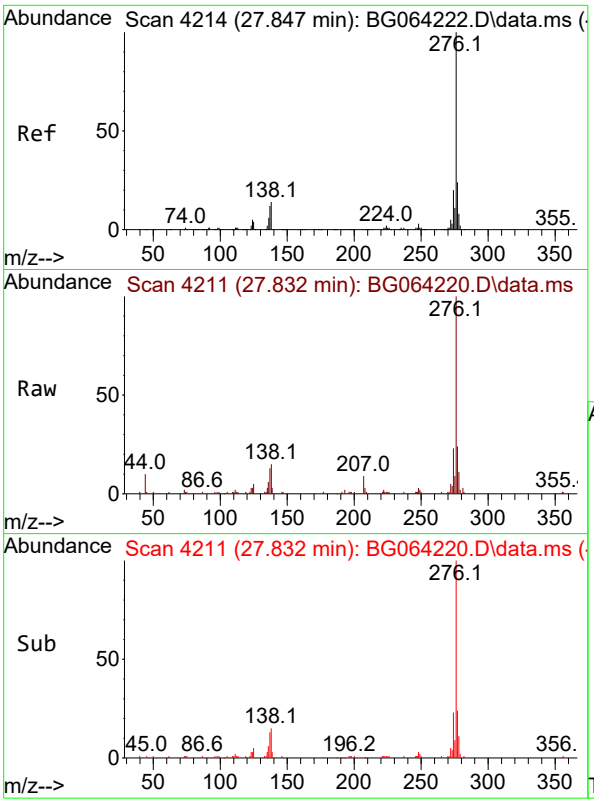


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:264 Resp: 253168

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.3	16.7	25.1

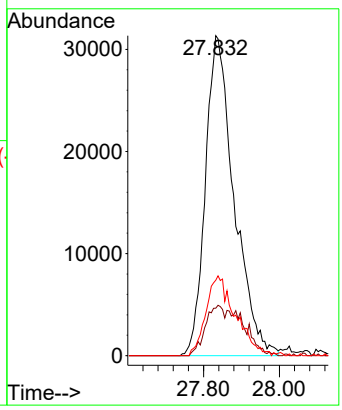




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.531 ng
RT: 27.832 min Scan# 4
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:276 Resp: 16479

Ion	Ratio	Lower	Upper
276	100		
138	10.2	7.4	11.0
277	25.5	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
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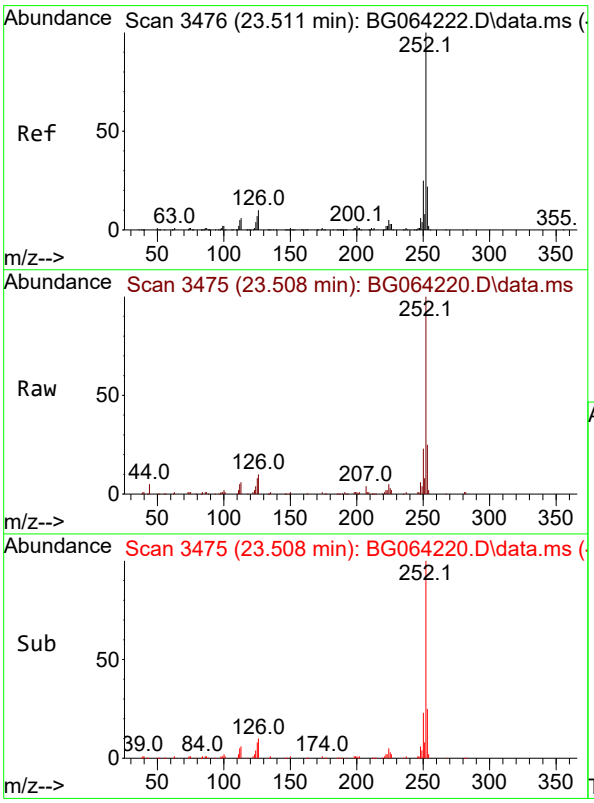
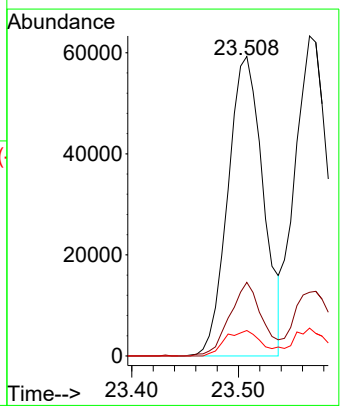
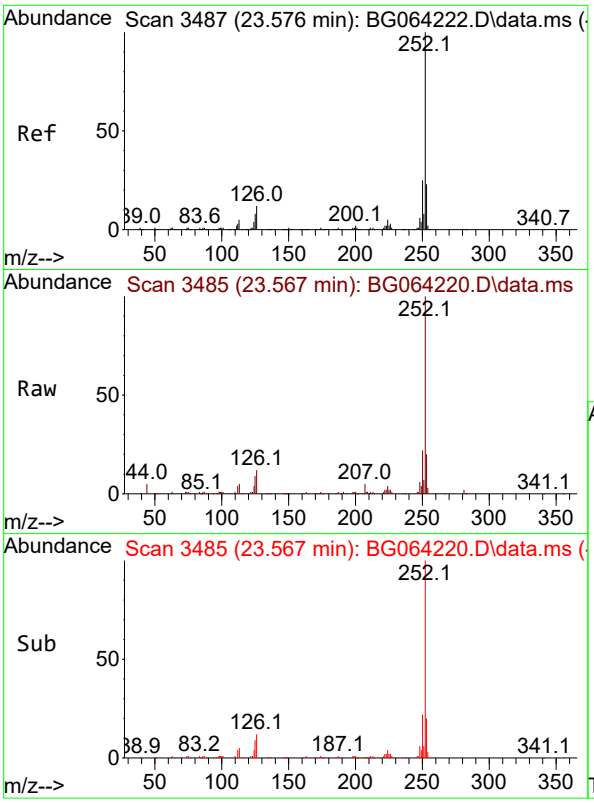


#88
Benzo(b)fluoranthene
Concen: 9.581 ng
RT: 23.508 min Scan# 3475
Delta R.T. -0.009 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 136893

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	8.5	5.9	8.9

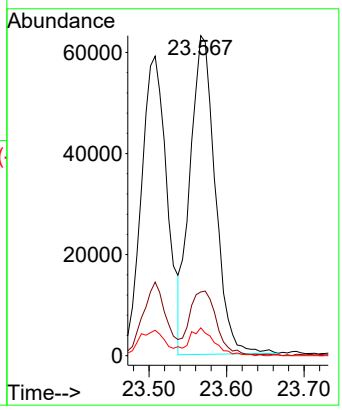




#89
Benzo(k)fluoranthene
Concen: 9.798 ng
RT: 23.567 min Scan# 34
Delta R.T. -0.021 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 14263

Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.2	27.4
125	8.7	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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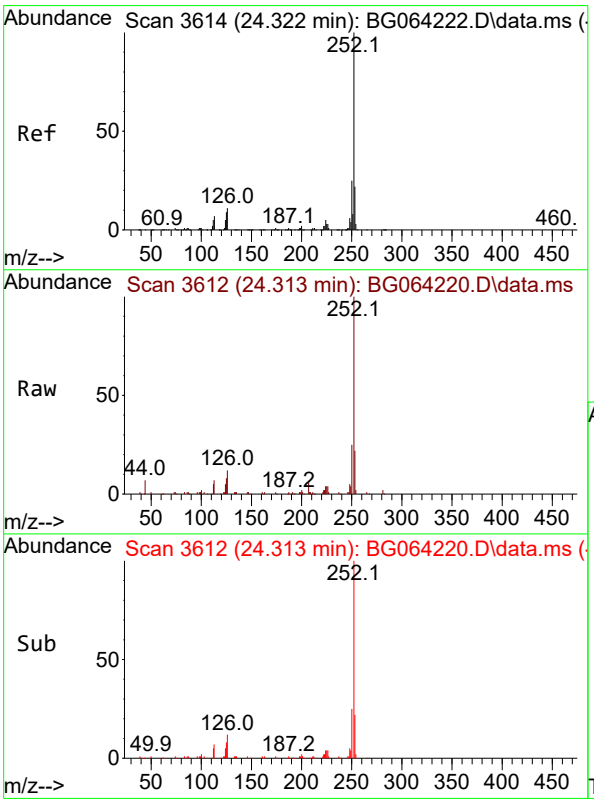
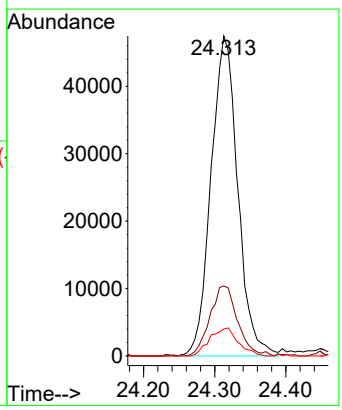
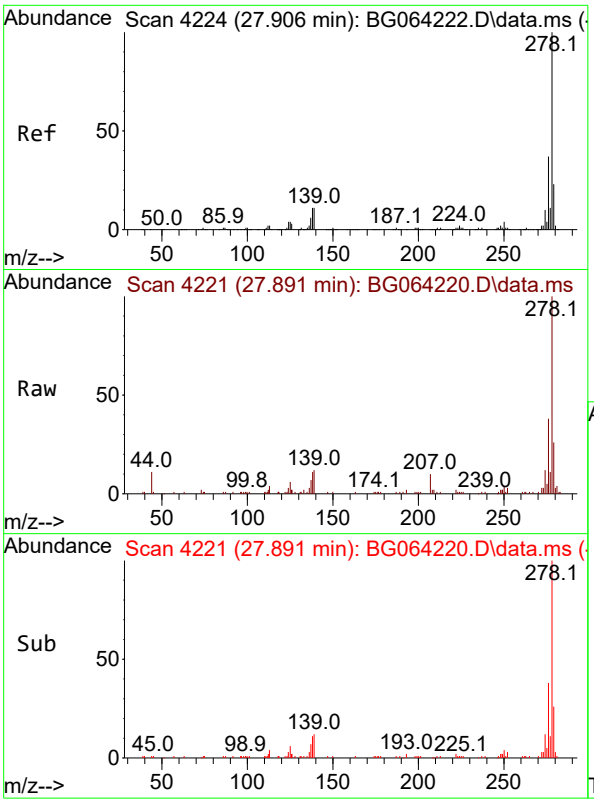


#90
Benzo(a)pyrene
Concen: 9.316 ng
RT: 24.313 min Scan# 3612
Delta R.T. -0.015 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 123820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.5	7.0	10.6





#91
Dibenzo(a,h)anthracene
Concen: 9.409 ng
RT: 27.891 min Scan# 4
Delta R.T. -0.033 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

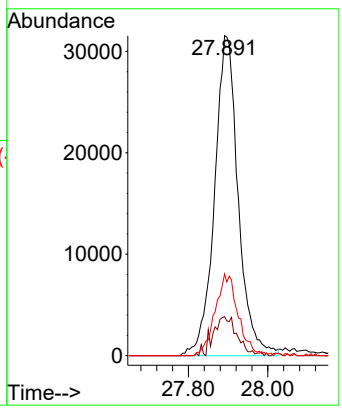
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

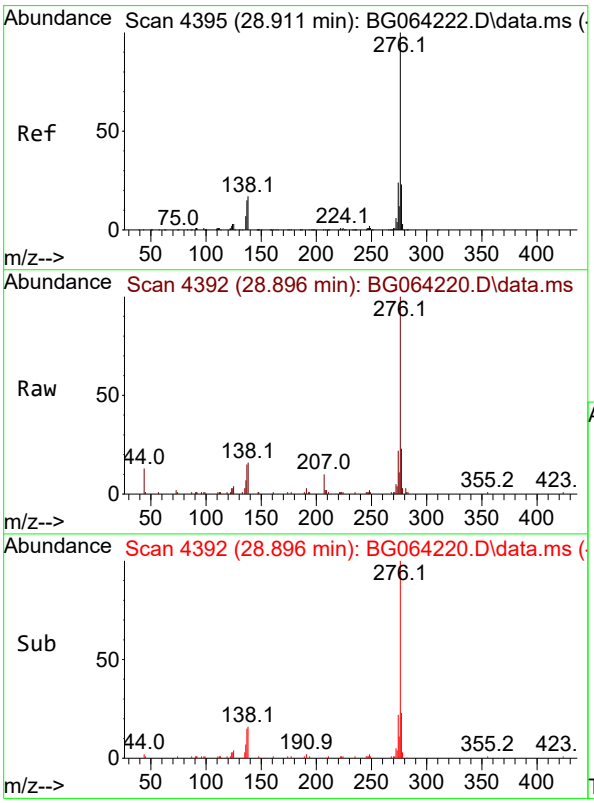
Tgt Ion:278 Resp: 13061

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.0	13.4
279	25.5	18.8	28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

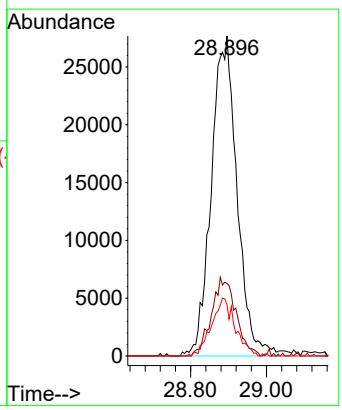




#92
Benzo(g,h,i)perylene
Concen: 9.643 ng
RT: 28.896 min Scan# 4392
Delta R.T. -0.039 min
Lab File: BG064220.D
Acq: 28 Aug 2025 12:12

Tgt Ion:276 Resp: 130254

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.2	27.4
138	16.0	13.3	19.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.860	152	27893	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	132216	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	97594	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	226286	20.000	ng		0.00
76) Chrysene-d12	21.450	240	233668	20.000	ng		0.00
86) Perylene-d12	24.458	264	258172	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	64409	41.428	ng		0.00
7) Phenol-d6	7.019	99	88910	41.626	ng		-0.01
23) Nitrobenzene-d5	9.005	82	97869	41.282	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	52925	40.942	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	265127	41.465	ng		0.00
79) Terphenyl-d14	19.840	244	468161	41.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	13364	20.623	ng		89
3) Pyridine	3.753	79	38395	20.128	ng	#	52
4) n-Nitrosodimethylamine	3.665	42	25498	20.209	ng	#	84
6) Aniline	7.184	93	60202	20.382	ng	#	92
8) 2-Chlorophenol	7.419	128	38517	20.274	ng		97
9) Benzaldehyde	6.996	77	31087m	17.686	ng		
10) Phenol	7.049	94	48810	20.727	ng		99
11) bis(2-Chloroethyl)ether	7.278	93	36896	20.850	ng		94
12) 1,3-Dichlorobenzene	7.748	146	41828	20.695	ng		99
13) 1,4-Dichlorobenzene	7.895	146	41264	20.230	ng		99
14) 1,2-Dichlorobenzene	8.206	146	41178	20.917	ng		91
15) Benzyl Alcohol	8.095	79	40053	20.320	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.377	45	83088	20.566	ng		97
17) 2-Methylphenol	8.294	107	37621	21.436	ng	#	85
18) Hexachloroethane	8.935	117	16021	20.121	ng	#	82
19) n-Nitroso-di-n-propyla...	8.659	70	34556	21.139	ng	#	96
20) 3+4-Methylphenols	8.623	107	49230	20.187	ng		99
22) Acetophenone	8.670	105	69031	20.637	ng	#	95
24) Nitrobenzene	9.052	77	52070	21.022	ng		99
25) Isophorone	9.569	82	104049	21.118	ng		98
26) 2-Nitrophenol	9.757	139	22361	20.893	ng		96
27) 2,4-Dimethylphenol	9.822	122	39643	21.097	ng		97
28) bis(2-Chloroethoxy)met...	10.057	93	55148	20.758	ng		95
29) 2,4-Dichlorophenol	10.292	162	42128	21.248	ng		95
30) 1,2,4-Trichlorobenzene	10.509	180	43234	20.681	ng		92
31) Naphthalene	10.692	128	142418	20.772	ng		98
32) Benzoic acid	9.928	122	27202	18.237	ng		92
33) 4-Chloroaniline	10.797	127	54708	20.588	ng		98
34) Hexachlorobutadiene	10.991	225	31157	20.163	ng		91
35) Caprolactam	11.555	113	17073	22.239	ng	#	84
36) 4-Chloro-3-methylphenol	11.920	107	53139	20.657	ng		92
37) 2-Methylnaphthalene	12.301	142	109822	21.550	ng		96
38) 1-Methylnaphthalene	12.525	142	105864	21.031	ng		98
40) 1,2,4,5-Tetrachloroben...	12.672	216	58253	20.687	ng		99
41) Hexachlorocyclopentadiene	12.660	237	24999	18.680	ng		81
43) 2,4,6-Trichlorophenol	12.913	196	39082	20.765	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	42626	20.878	ng		92
46) 1,1'-Biphenyl	13.318	154	145186	20.425	ng		99
47) 2-Chloronaphthalene	13.353	162	108659	20.333	ng		97
48) 2-Nitroaniline	13.553	65	36296	19.927	ng		96
49) Acenaphthylene	14.199	152	163464	20.693	ng		98
50) Dimethylphthalate	13.935	163	153139	20.731	ng		98
51) 2,6-Dinitrotoluene	14.052	165	29384	20.547	ng		90
52) Acenaphthene	14.546	154	114630	20.562	ng		97
53) 3-Nitroaniline	14.381	138	30798	20.559	ng		95
54) 2,4-Dinitrophenol	14.587	184	13409	18.989	ng	#	86
55) Dibenzofuran	14.881	168	179568	20.478	ng		100
56) 4-Nitrophenol	14.687	139	24395	19.853	ng		91
57) 2,4-Dinitrotoluene	14.840	165	45085	20.850	ng		94
58) Fluorene	15.527	166	151193	21.037	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	40905	20.831	ng		98
60) Diethylphthalate	15.304	149	162465	20.550	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	74031	20.660	ng		93
62) 4-Nitroaniline	15.539	138	30317	19.833	ng		97
63) Azobenzene	15.815	77	147419	20.922	ng		96
65) 4,6-Dinitro-2-methylph...	15.603	198	24257	18.671	ng		93
66) n-Nitrosodiphenylamine	15.739	169	129237	20.761	ng		98
67) 4-Bromophenyl-phenylether	16.414	248	49269	20.499	ng		93
68) Hexachlorobenzene	16.532	284	55170	20.671	ng		93
69) Atrazine	16.685	200	52170	20.072	ng		99
70) Pentachlorophenol	16.873	266	30473	18.830	ng		88
71) Phenanthrene	17.260	178	246727	20.672	ng		98
72) Anthracene	17.354	178	247090	20.352	ng		99
73) Carbazole	17.619	167	217200	20.308	ng		99
74) Di-n-butylphthalate	18.195	149	259387	20.187	ng		98
75) Fluoranthene	19.276	202	287131	20.461	ng		97
77) Benzidine	19.458	184	122689	24.959	ng		99
78) Pyrene	19.634	202	300446	20.409	ng		98
80) Butylbenzylphthalate	20.533	149	114931	20.699	ng		97
81) Benzo(a)anthracene	21.432	228	306551	20.506	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	102925	21.141	ng		100
83) Chrysene	21.497	228	293057	20.420	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	167957	20.148	ng	#	96
85) Di-n-octyl phthalate	22.501	149	295768	20.362	ng		100
87) Indeno(1,2,3-cd)pyrene	27.842	276	357251	20.263	ng	#	96
88) Benzo(b)fluoranthene	23.512	252	295568	20.285	ng		98
89) Benzo(k)fluoranthene	23.576	252	304190	20.492	ng		97
90) Benzo(a)pyrene	24.317	252	277917	20.504	ng		98
91) Dibenzo(a,h)anthracene	27.901	278	287627	20.318	ng		95
92) Benzo(g,h,i)perylene	28.900	276	276197	20.051	ng		99

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

ICAL Form

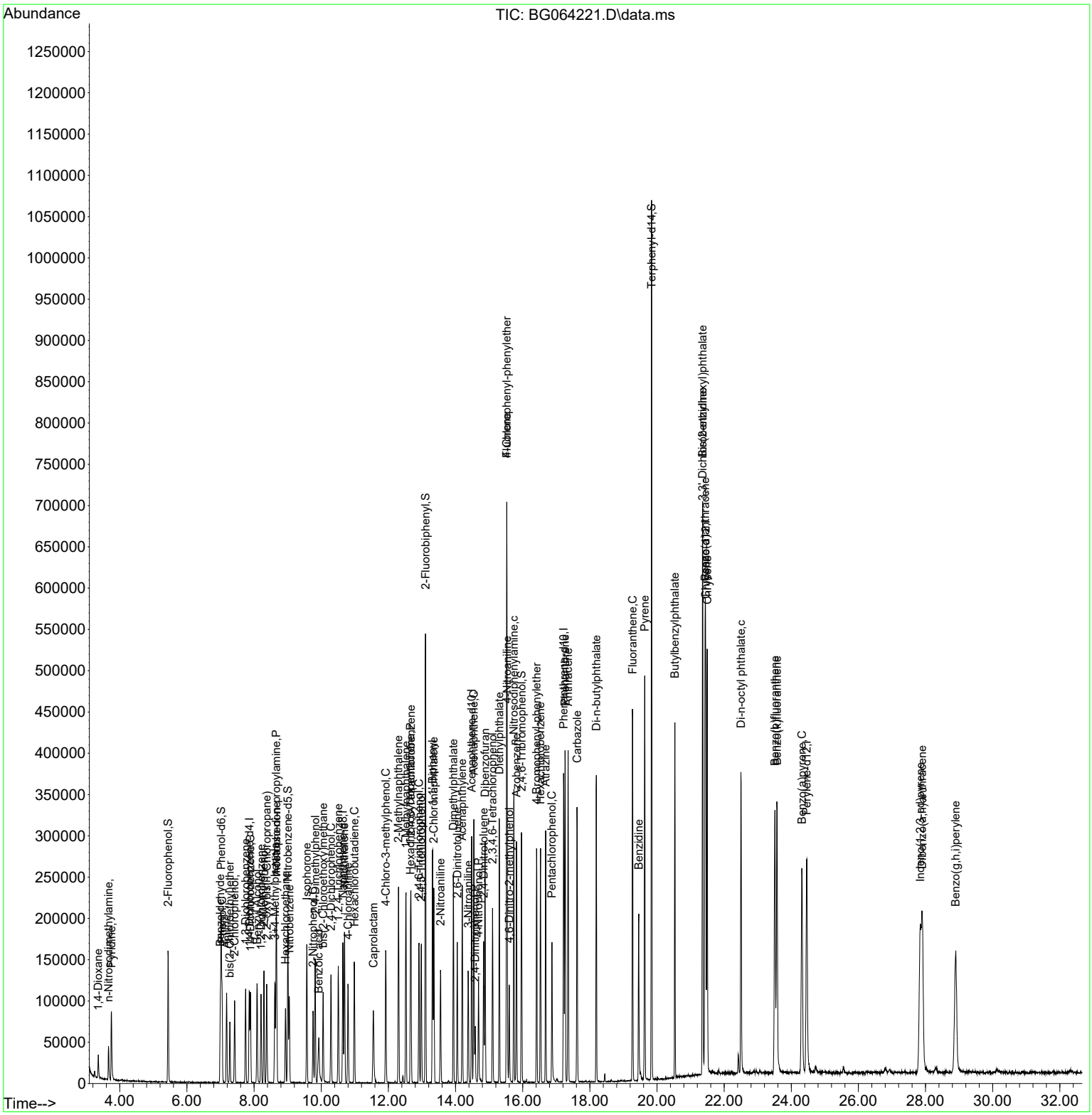
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

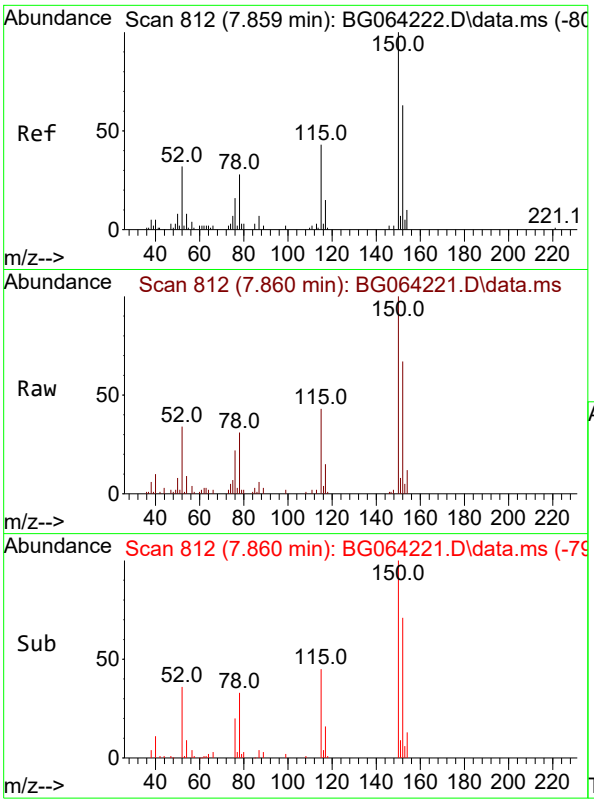
Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

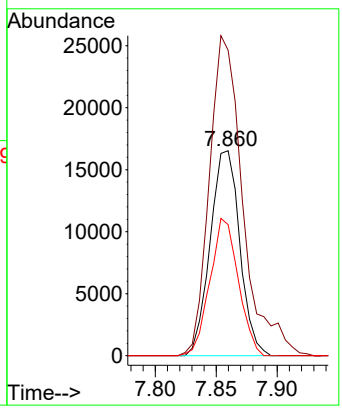




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:152 Resp: 2789

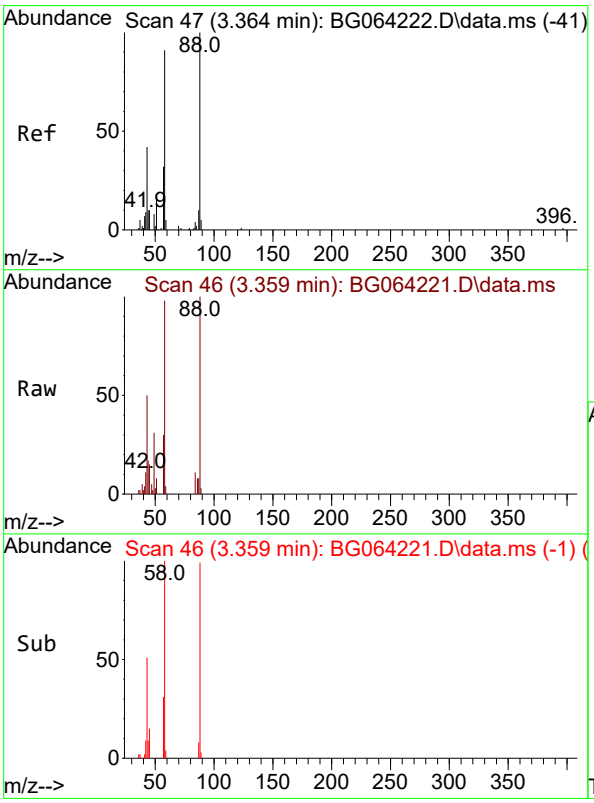
Ion	Ratio	Lower	Upper
152	100		
150	149.1	128.0	192.0
115	64.0	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

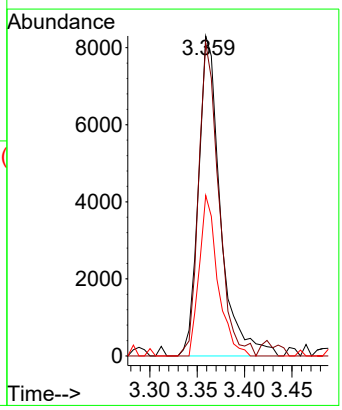
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

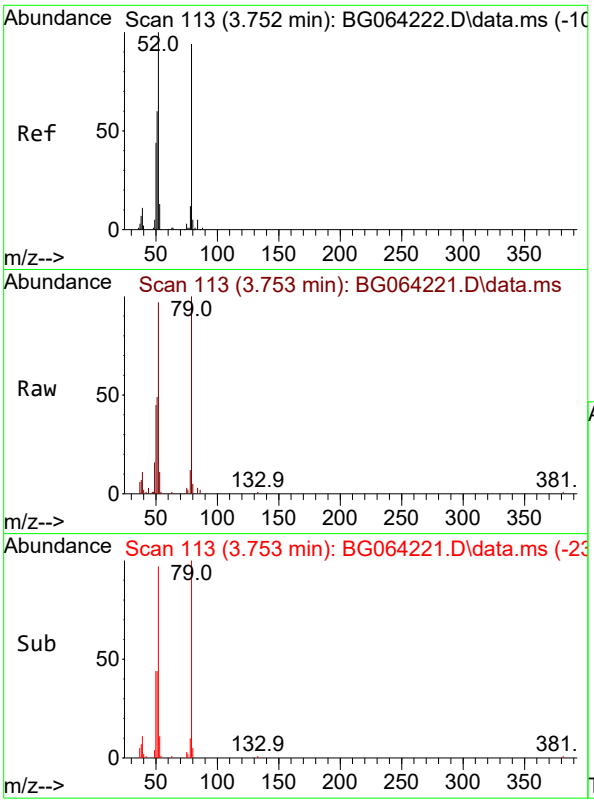


#2
1,4-Dioxane
Concen: 20.623 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 88 Resp: 13364

Ion	Ratio	Lower	Upper
88	100		
58	89.6	80.8	121.2
43	42.4	40.3	60.5

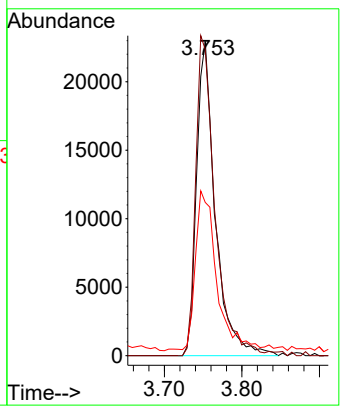




#3
Pyridine
Concen: 20.128 ng
RT: 3.753 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 79 Resp: 3839

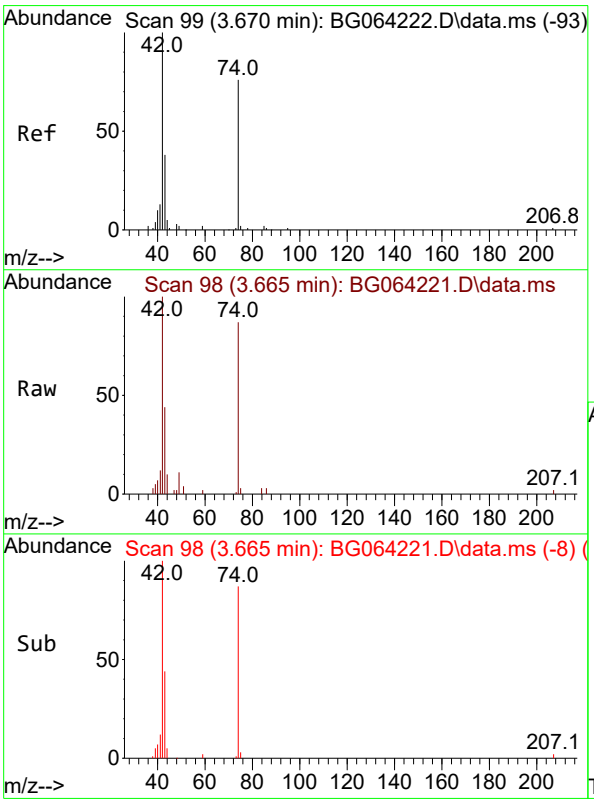
Ion	Ratio	Lower	Upper
79	100		
52	97.5	86.6	129.8
51	48.8	114.1	171.1#



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

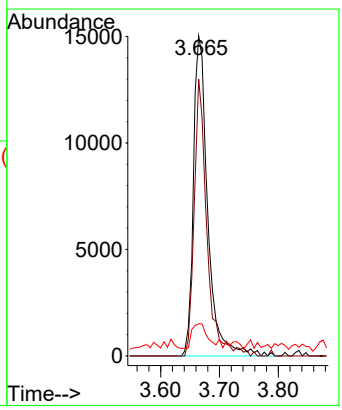
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

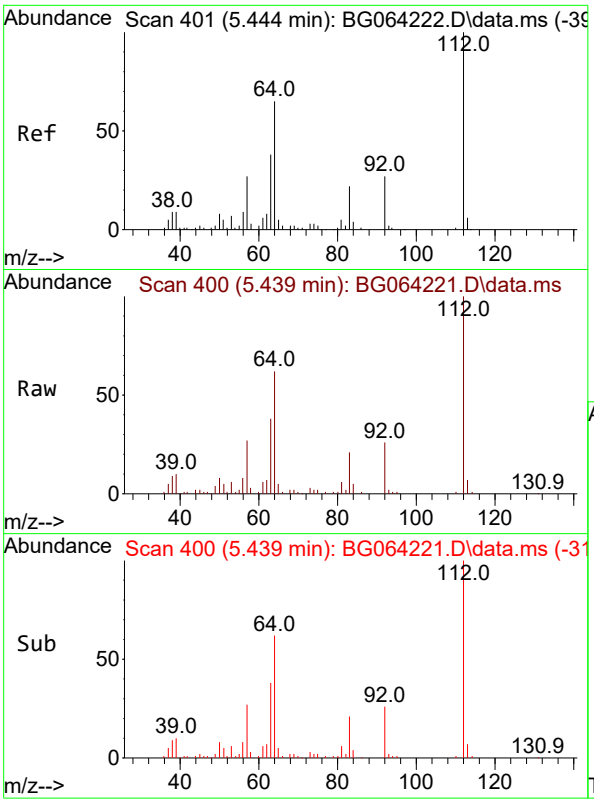


#4
n-Nitrosodimethylamine
Concen: 20.209 ng
RT: 3.665 min Scan# 98
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 42 Resp: 25498

Ion	Ratio	Lower	Upper
42	100		
74	86.5	58.0	87.0
44	10.0	5.5	8.3#

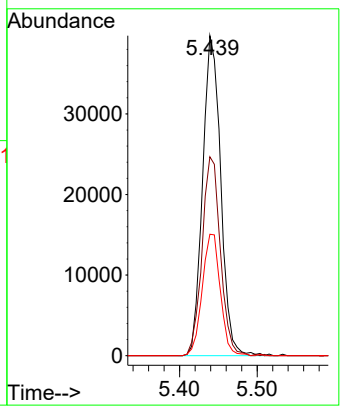




#5
2-Fluorophenol
Concen: 41.428 ng
RT: 5.439 min Scan# 40
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:112 Resp: 6440

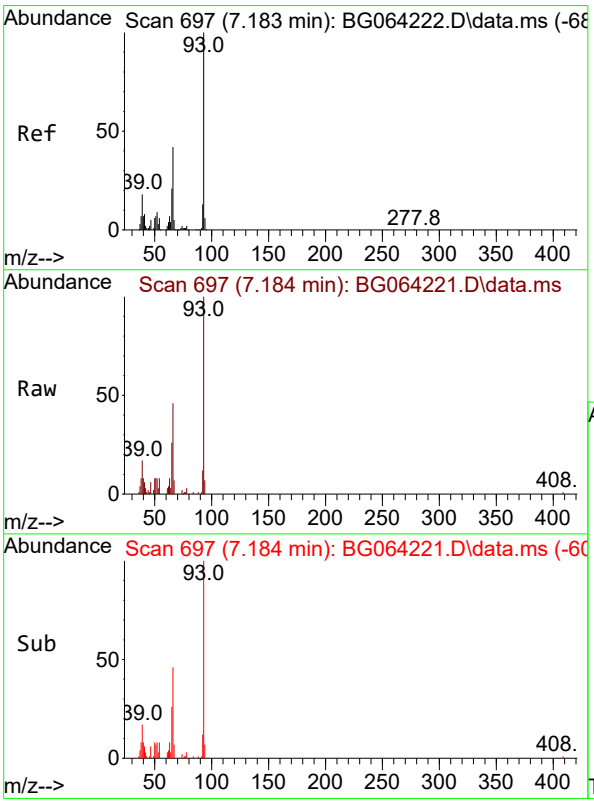
Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.8	77.6
63	38.0	30.6	45.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

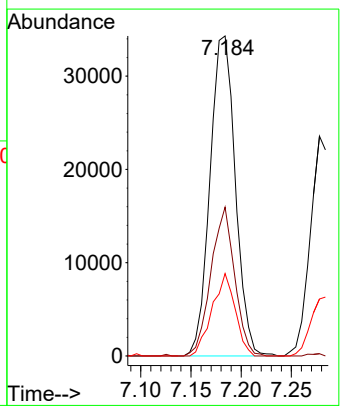
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

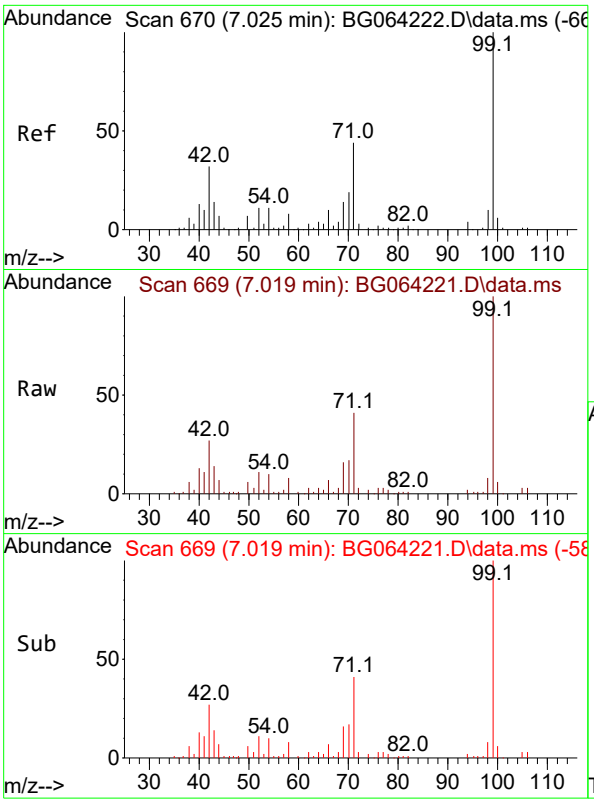


#6
Aniline
Concen: 20.382 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 93 Resp: 60202

Ion	Ratio	Lower	Upper
93	100		
66	46.5	33.8	50.8
65	25.8	16.9	25.3#

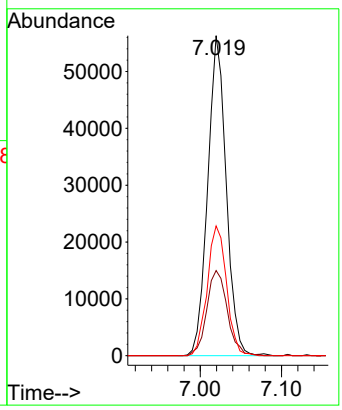




#7
Phenol-d6
Concen: 41.626 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 99 Resp: 8891

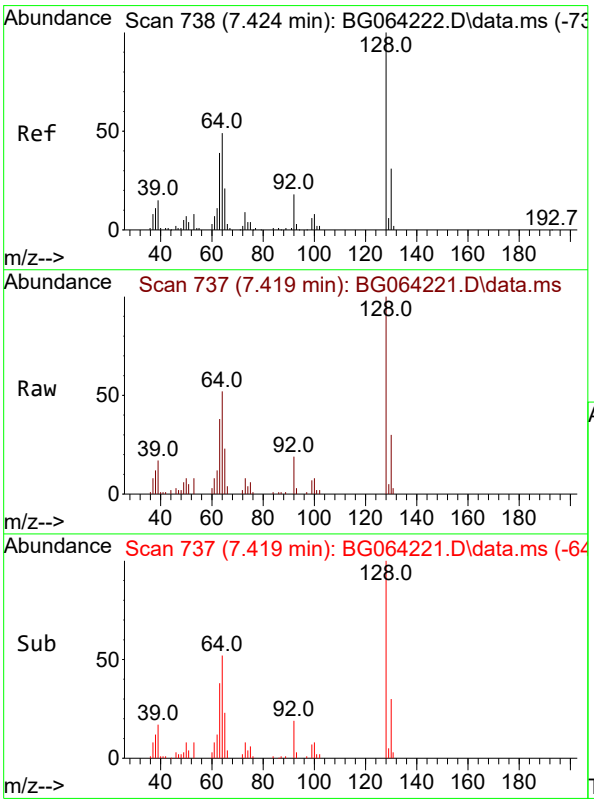
Ion	Ratio	Lower	Upper
99	100		
42	26.6	25.8	38.8
71	40.6	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

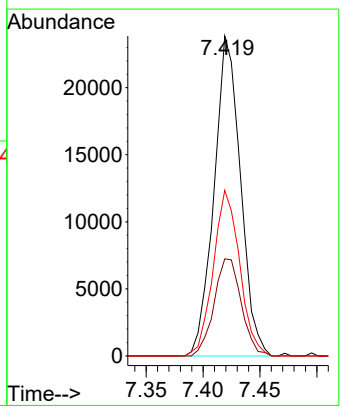
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

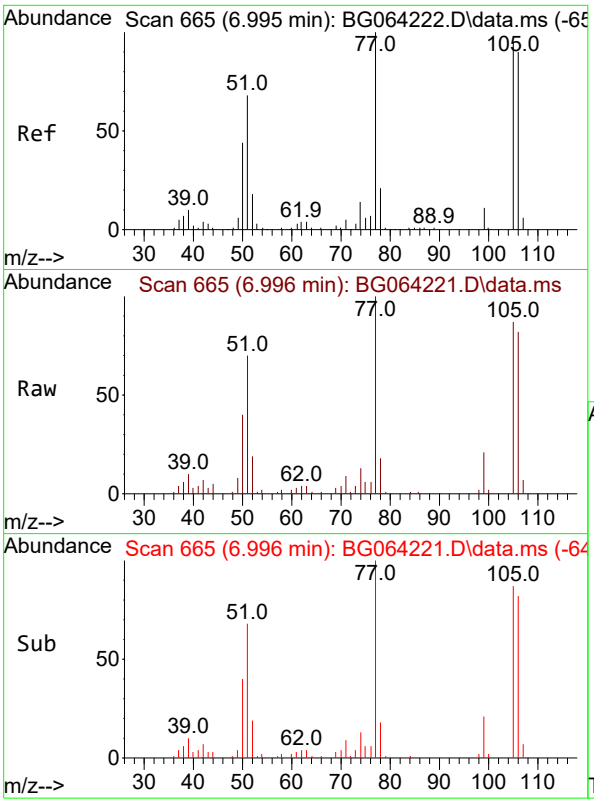


#8
2-Chlorophenol
Concen: 20.274 ng
RT: 7.419 min Scan# 737
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:128 Resp: 38517

Ion	Ratio	Lower	Upper
128	100		
130	30.4	10.9	50.9
64	51.8	28.7	68.7

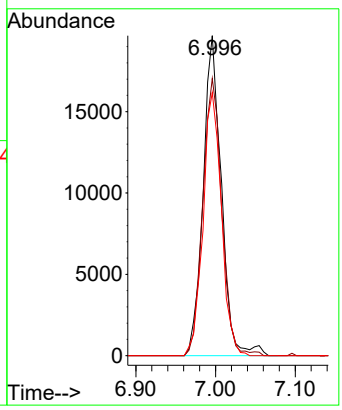




#9
Benzaldehyde
Concen: 17.686 ng m
RT: 6.996 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 77 Resp: 3108

Ion	Ratio	Lower	Upper
77	100		
105	86.6	75.2	115.2
106	82.2	69.6	109.6



Instrument :
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ClientSampleId :
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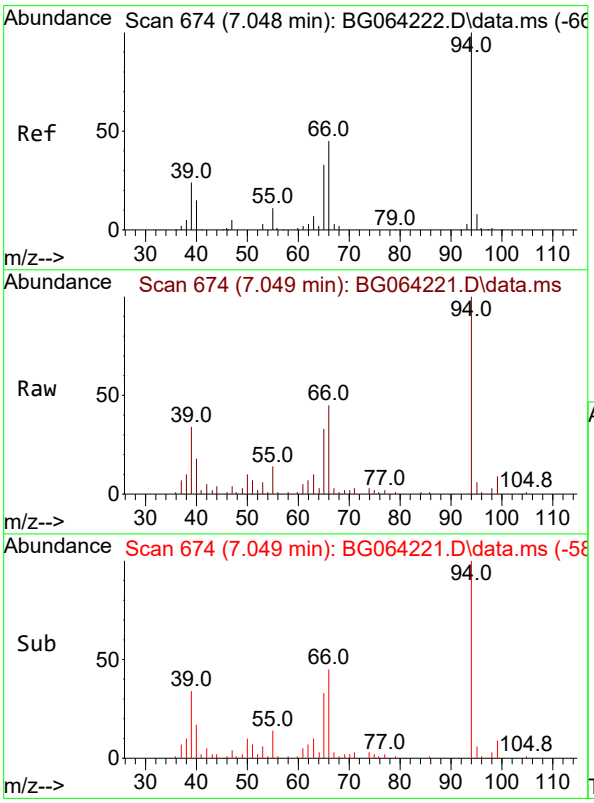
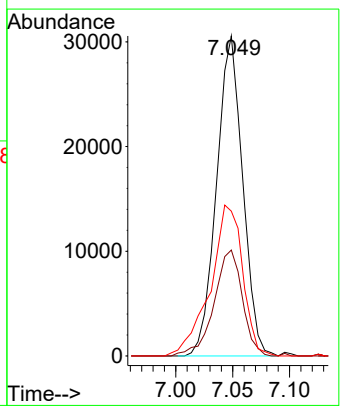
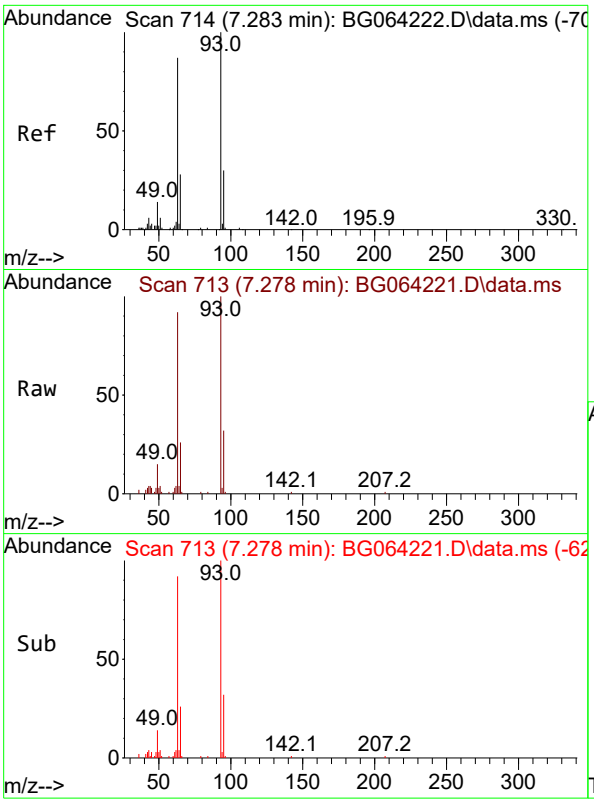


#10
Phenol
Concen: 20.727 ng
RT: 7.049 min Scan# 674
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 94 Resp: 48810

Ion	Ratio	Lower	Upper
94	100		
65	33.1	13.5	53.5
66	45.3	26.2	66.2





#11
bis(2-Chloroethyl)ether
Concen: 20.850 ng
RT: 7.278 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 93 Resp: 3689

Ion	Ratio	Lower	Upper
93	100		
63	92.1	66.2	106.2
95	32.3	9.8	49.8

Instrument :
BNA_G
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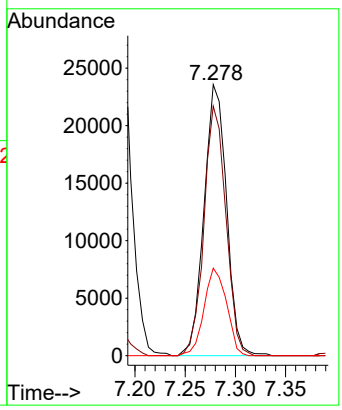
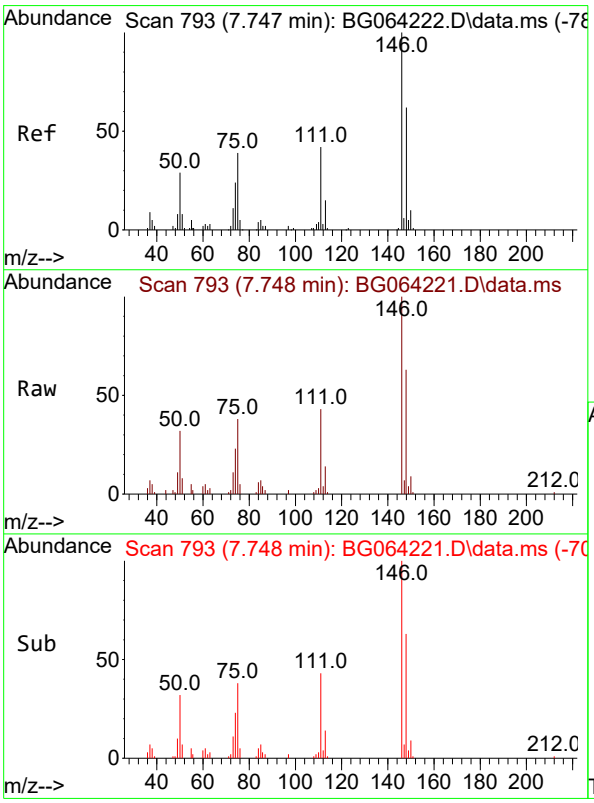
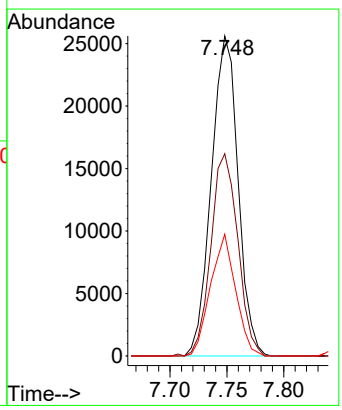


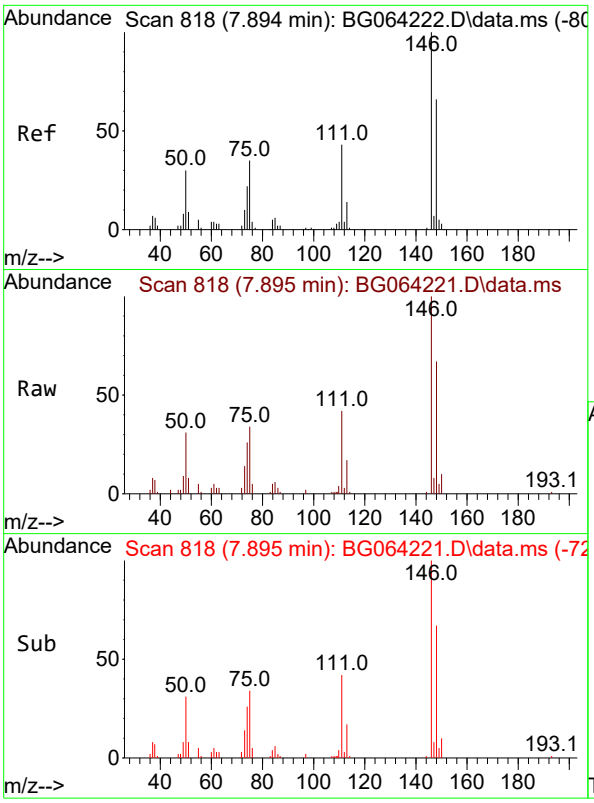


#12
1,3-Dichlorobenzene
Concen: 20.695 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:146 Resp: 41828

Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.6	74.4
75	38.0	31.0	46.6





#13
1,4-Dichlorobenzene
Concen: 20.230 ng
RT: 7.895 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:146 Resp: 4126

Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.8	79.2
111	42.0	34.1	51.1

Instrument :
BNA_G
ClientSampleId :
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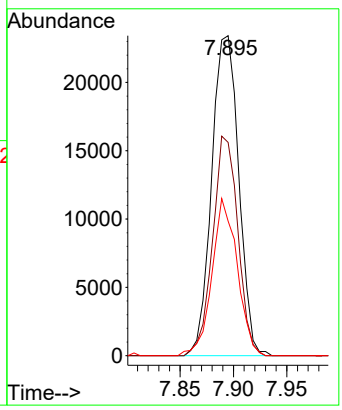
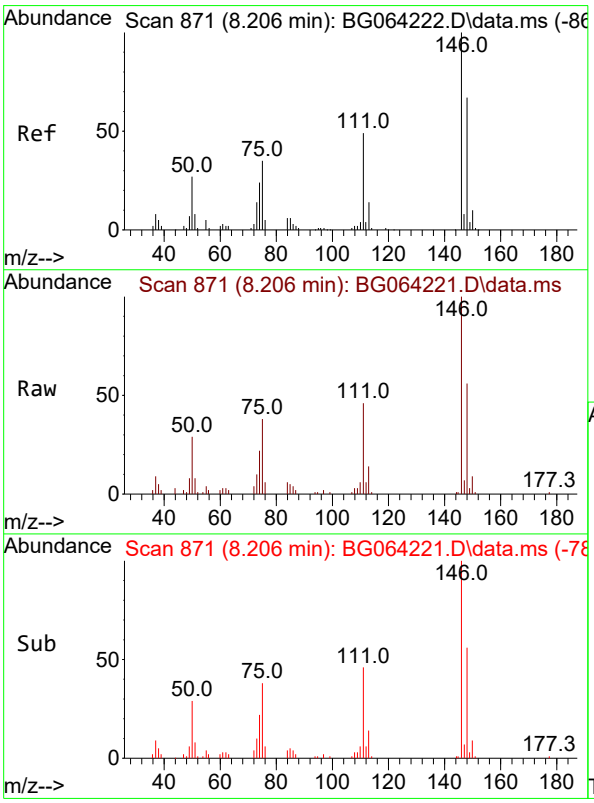
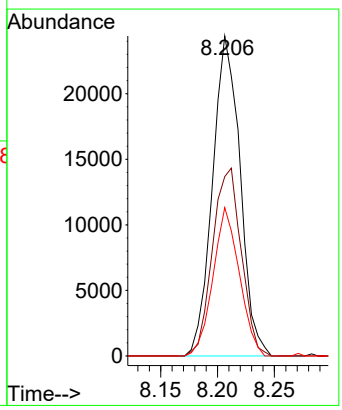


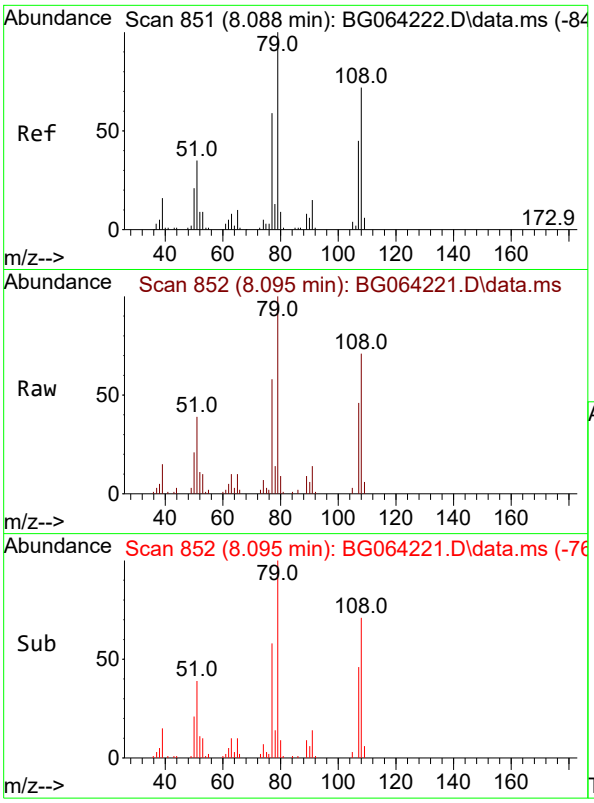


#14
1,2-Dichlorobenzene
Concen: 20.917 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:146 Resp: 41178

Ion	Ratio	Lower	Upper
146	100		
148	56.0	53.4	80.0
111	46.4	39.1	58.7





#15
Benzyl Alcohol
Concen: 20.320 ng
RT: 8.095 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 79 Resp: 4005

Ion	Ratio	Lower	Upper
79	100		
108	70.8	57.4	86.0
77	58.2	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
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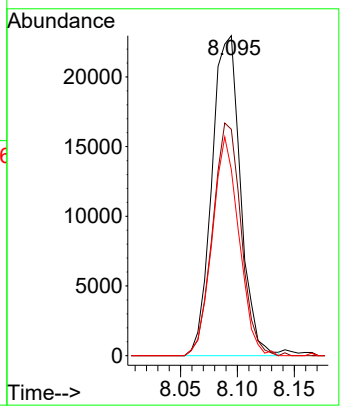
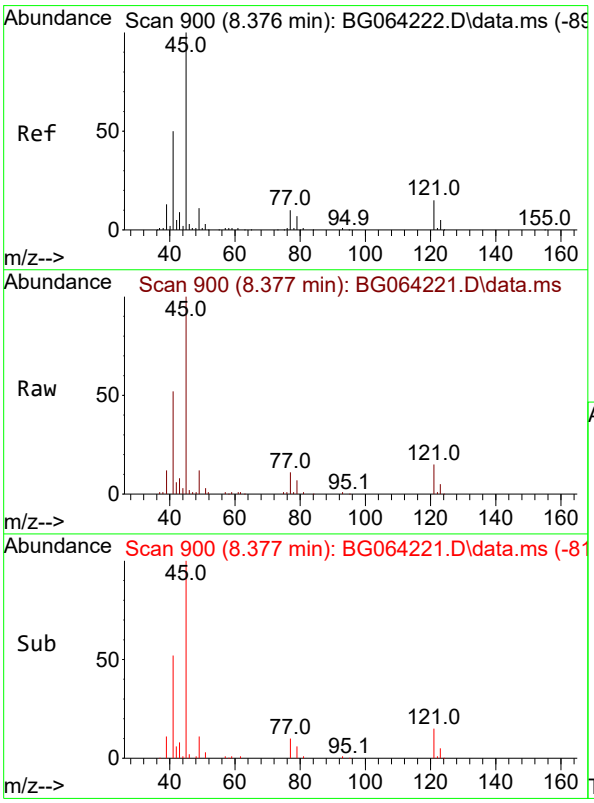
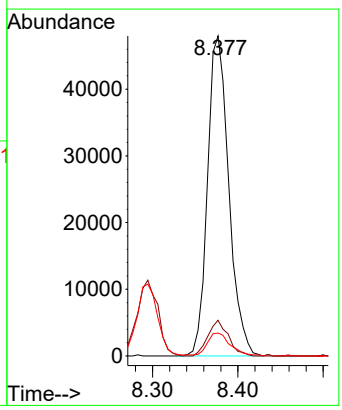


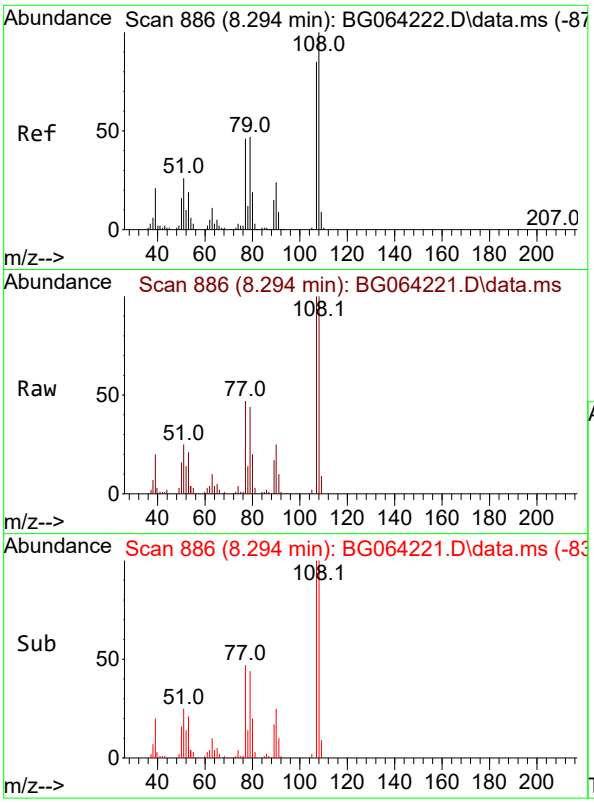


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.566 ng
RT: 8.377 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 45 Resp: 83088

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.0
79	7.1	0.0	27.9

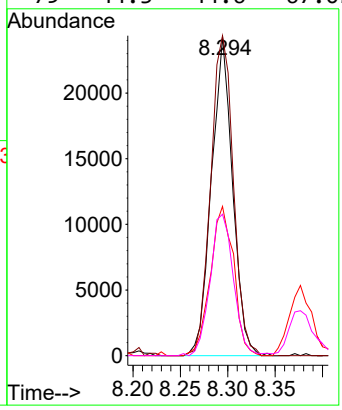




#17
2-Methylphenol
Concen: 21.436 ng
RT: 8.294 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 3762

Ion	Ratio	Lower	Upper
107	100		
108	100.2	94.6	141.8
77	46.8	43.7	65.5
79	44.3	44.6	67.0#



Instrument :
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ClientSampleId :
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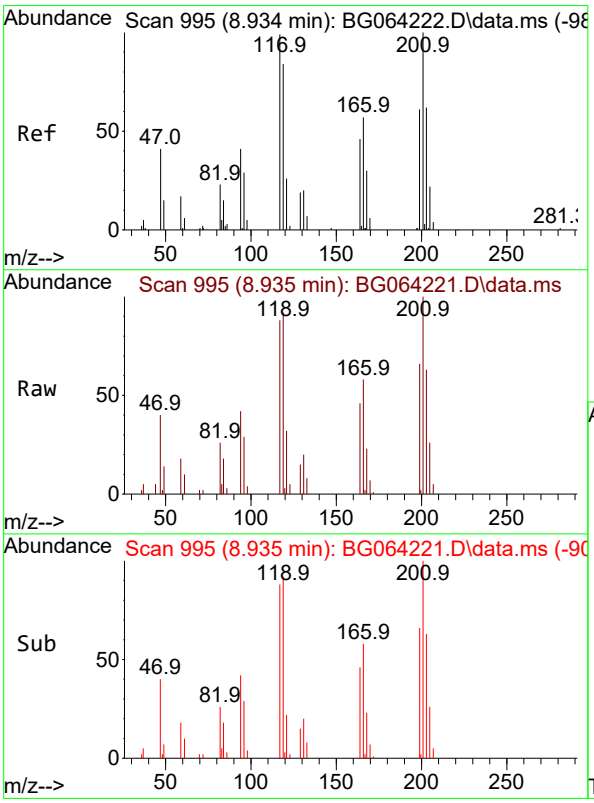
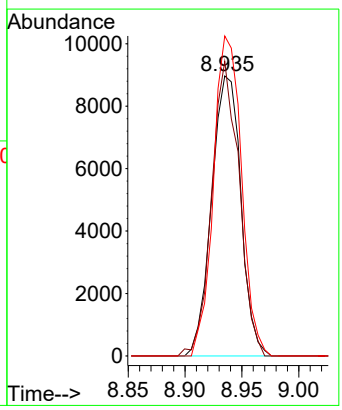
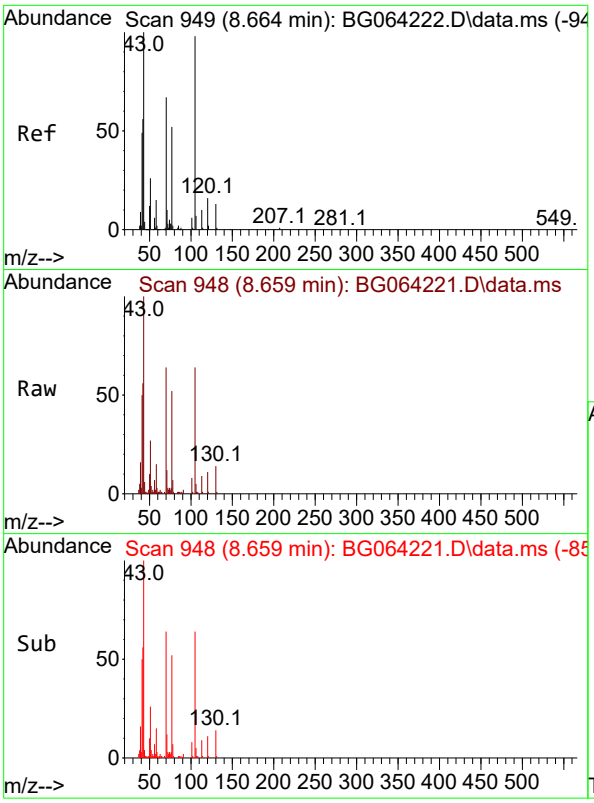


#18
Hexachloroethane
Concen: 20.121 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:117 Resp: 16021

Ion	Ratio	Lower	Upper
117	100		
119	105.2	67.9	101.9#
201	114.3	80.5	120.7

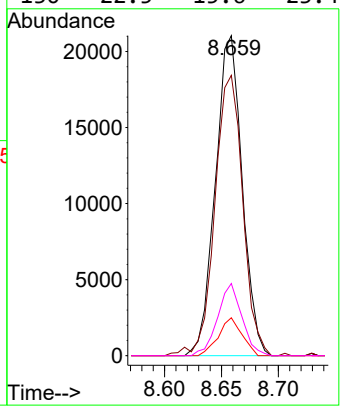




#19
n-Nitroso-di-n-propylamine
Concen: 21.139 ng
RT: 8.659 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 70 Resp: 3455

Ion	Ratio	Lower	Upper
70	100		
42	87.6	67.9	101.9
101	11.8	7.3	10.9
130	22.5	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
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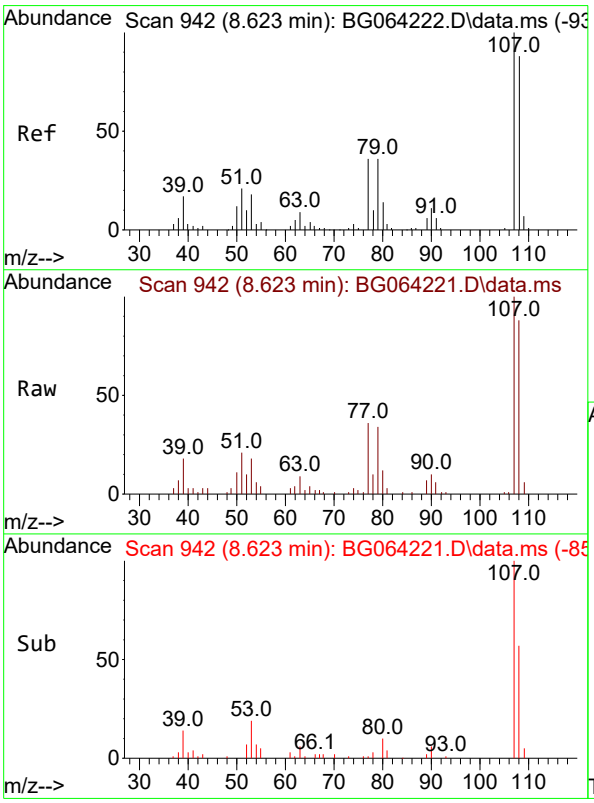
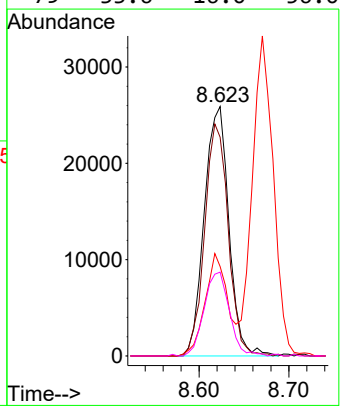
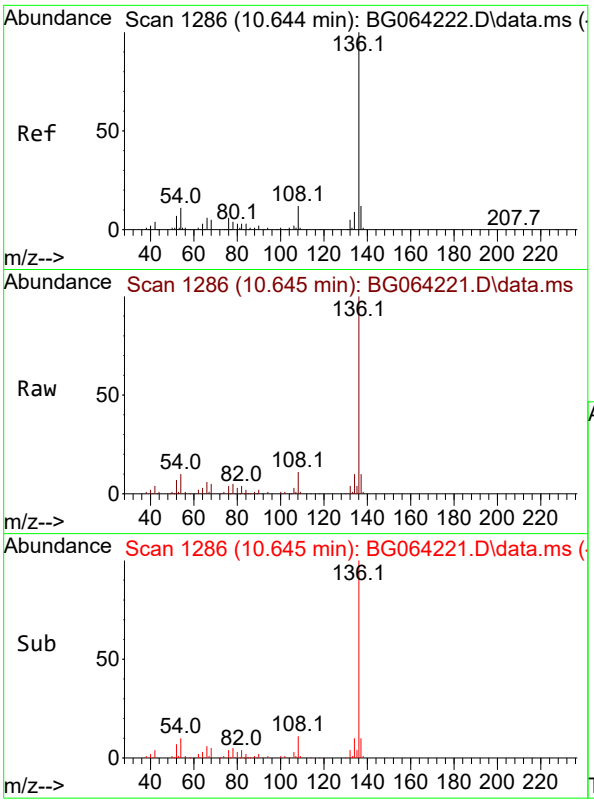


#20
3+4-Methylphenols
Concen: 20.187 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 49230

Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.1	108.1
77	35.8	15.9	55.9
79	33.6	16.0	56.0

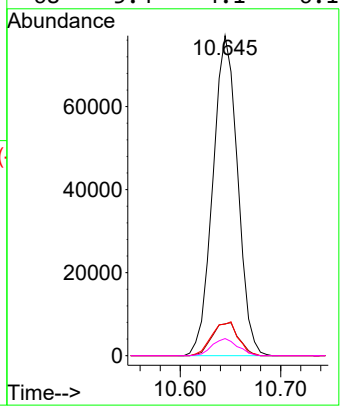




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:136 Resp: 13221

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	9.8	8.8	13.2
68	5.4	4.1	6.1



Instrument :
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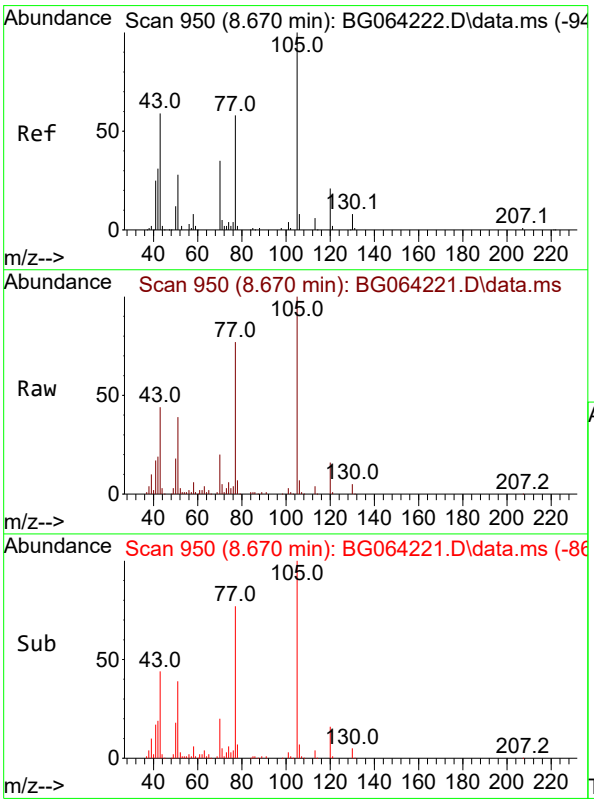
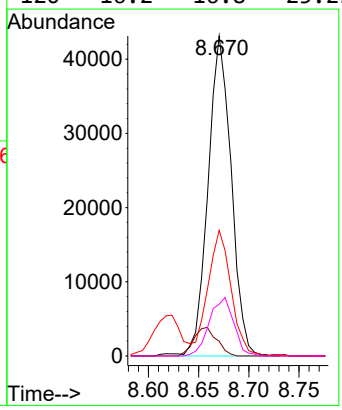
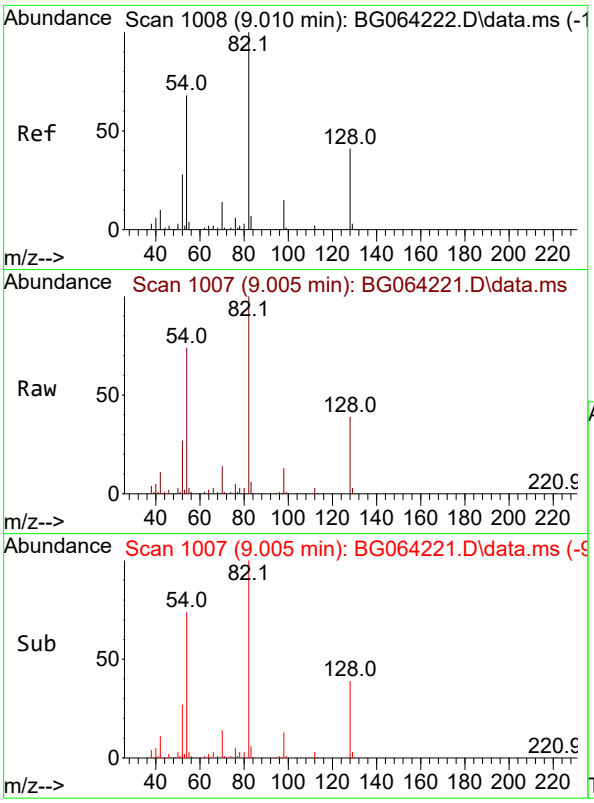


#22
Acetophenone
Concen: 20.637 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:105 Resp: 69031

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.3	6.5
51	39.3	32.4	48.6
120	16.2	16.8	25.2#





#23
Nitrobenzene-d5
Concen: 41.282 ng
RT: 9.005 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 82 Resp: 9786

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	48.8
54	74.3	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
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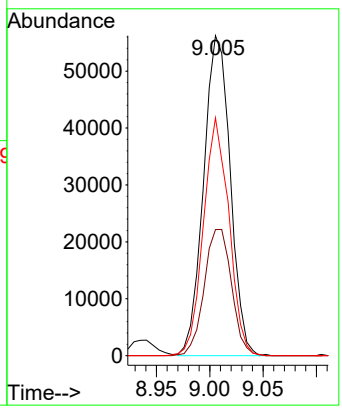
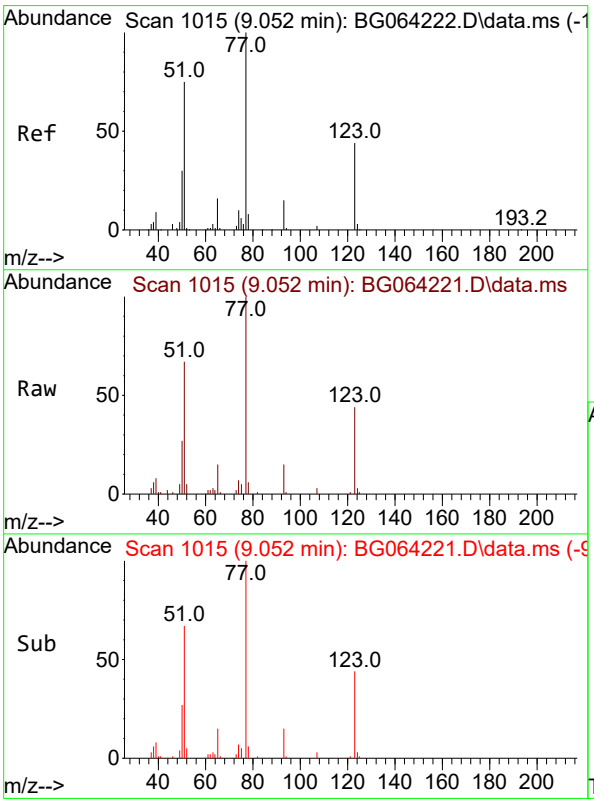
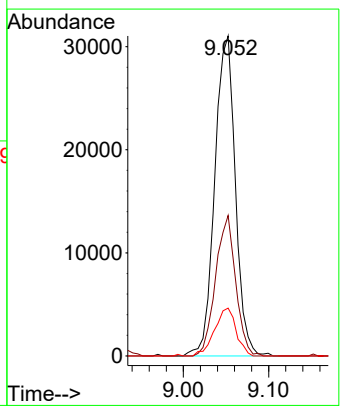


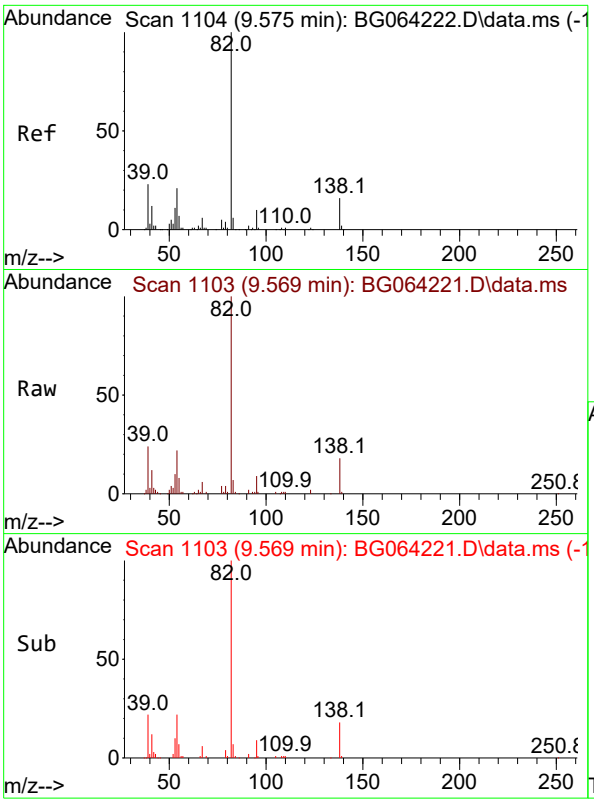


#24
Nitrobenzene
Concen: 21.022 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 77 Resp: 52070

Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.2	52.8
65	15.0	12.6	19.0

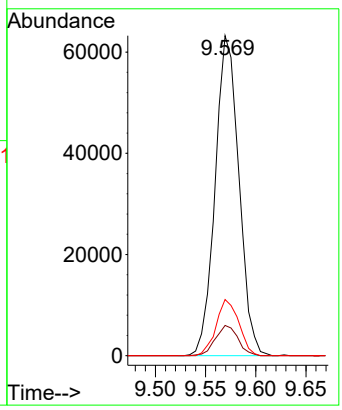




#25
Isophorone
Concen: 21.118 ng
RT: 9.569 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 82 Resp: 10404

Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.9	11.9
138	17.5	13.0	19.4



Instrument :
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ClientSampleId :
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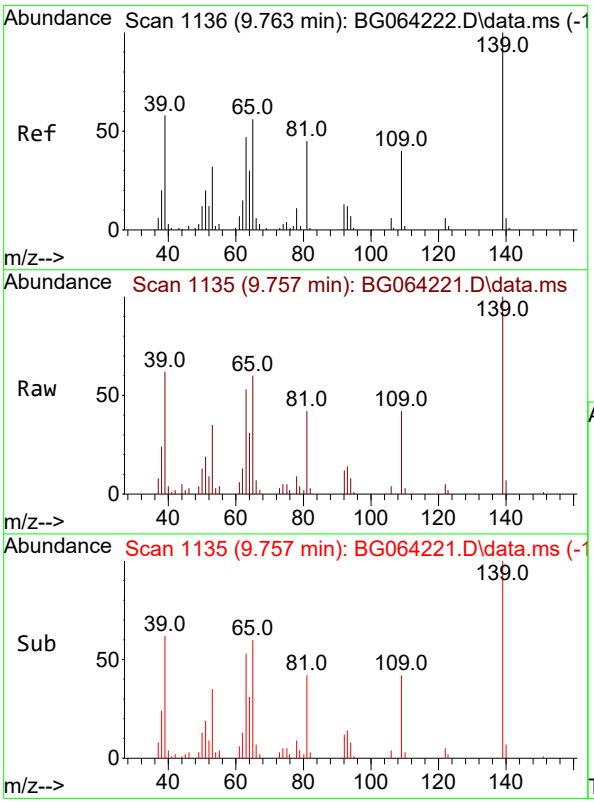
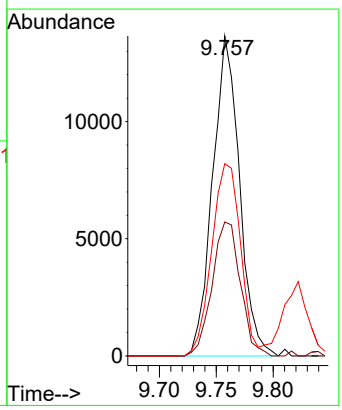
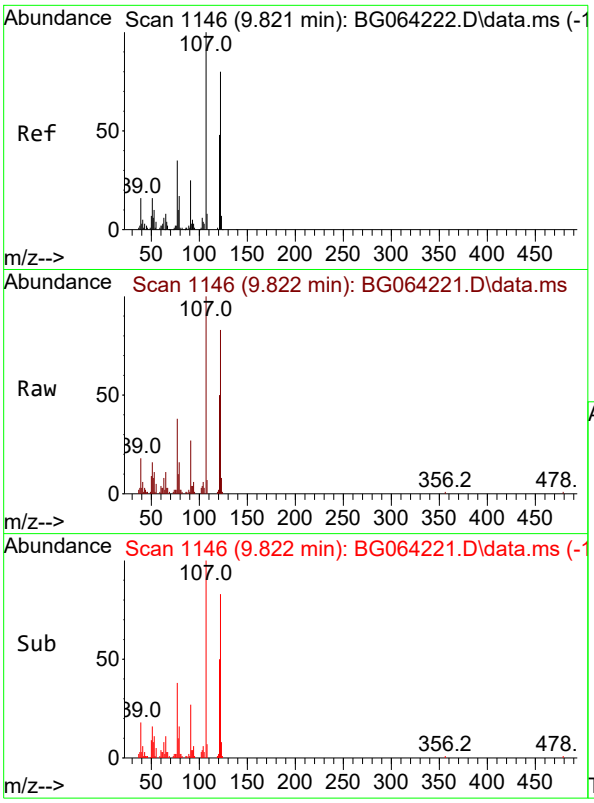


#26
2-Nitrophenol
Concen: 20.893 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 22361

Ion	Ratio	Lower	Upper
139	100		
109	41.8	32.4	48.6
65	60.1	44.6	67.0





#27
2,4-Dimethylphenol
Concen: 21.097 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:122 Resp: 3964

Ion	Ratio	Lower	Upper
122	100		
107	120.2	99.9	149.9
121	59.6	48.6	72.8

Instrument :
BNA_G
ClientSampleId :
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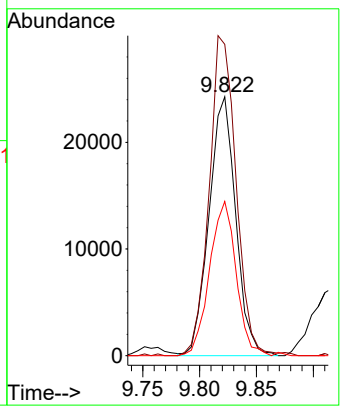
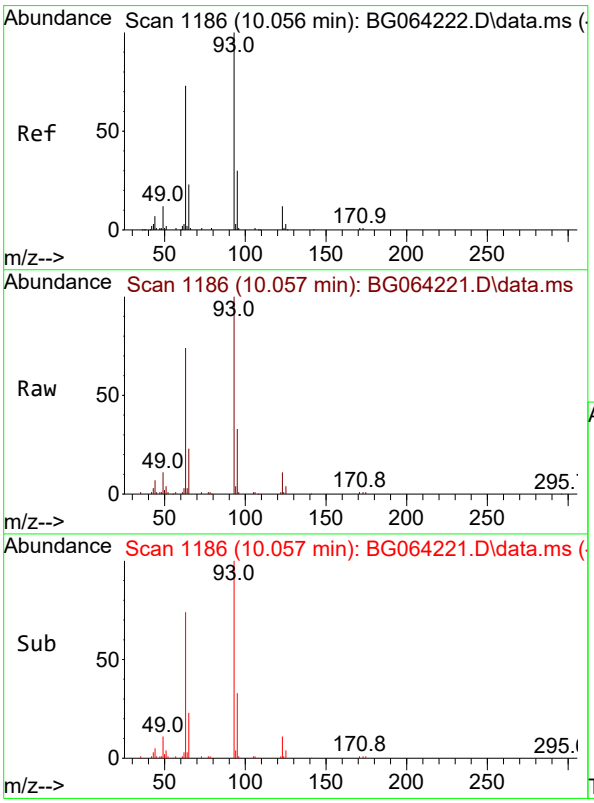
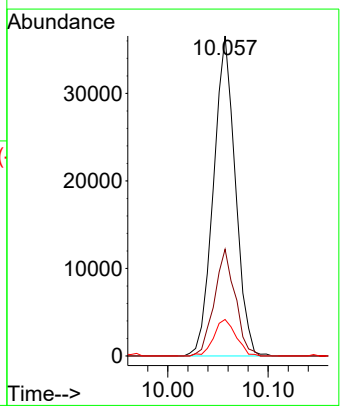


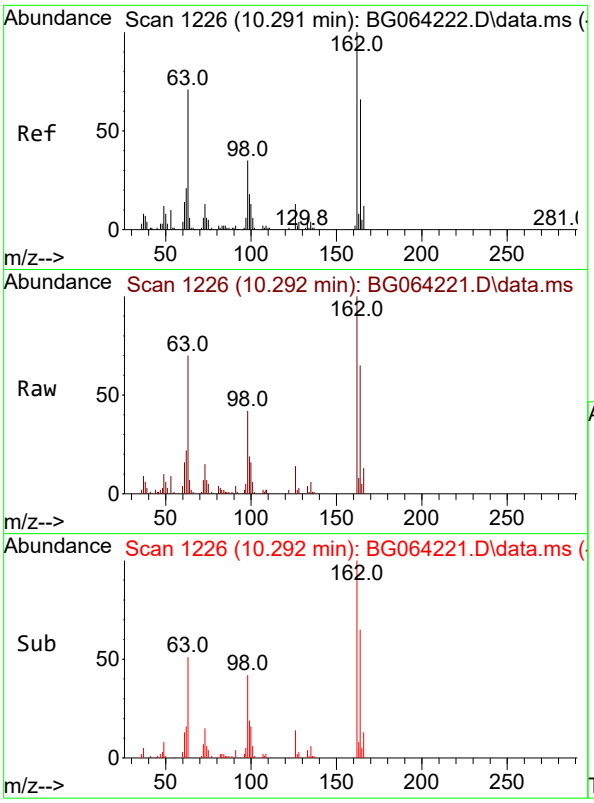


#28
bis(2-Chloroethoxy)methane
Concen: 20.758 ng
RT: 10.057 min Scan# 1186
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 93 Resp: 55148

Ion	Ratio	Lower	Upper
93	100		
95	33.3	23.9	35.9
123	11.4	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 21.248 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:162 Resp: 4212

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.8	85.8
98	42.4	15.2	55.2

Instrument :
BNA_G
ClientSampleId :
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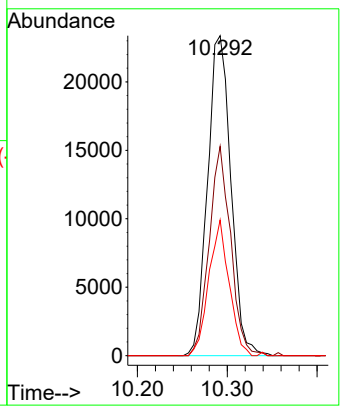
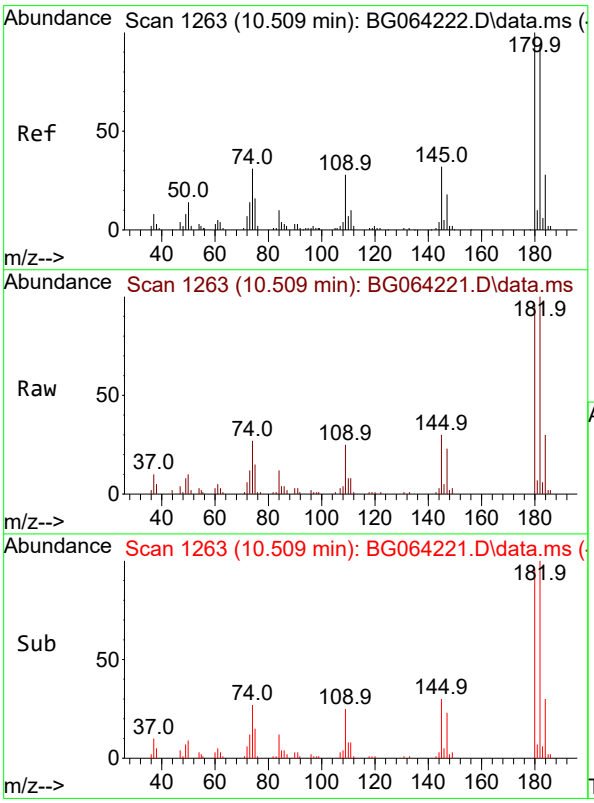
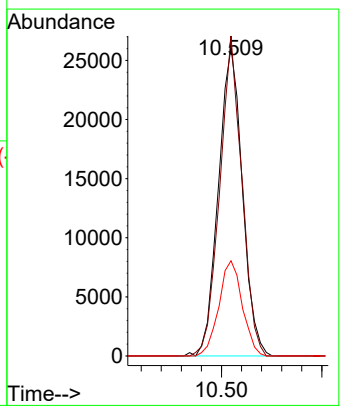


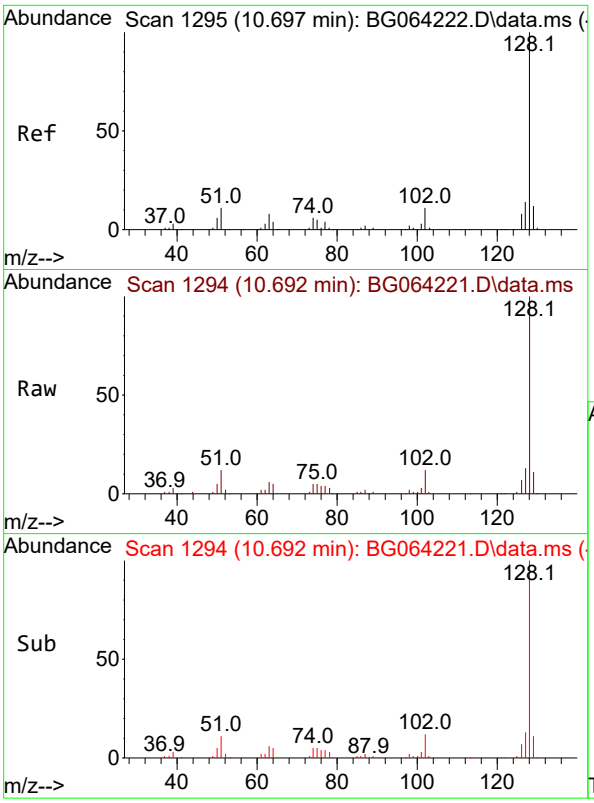


#30
1,2,4-Trichlorobenzene
Concen: 20.681 ng
RT: 10.509 min Scan# 1263
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:180 Resp: 43234

Ion	Ratio	Lower	Upper
180	100		
182	103.8	75.0	112.6
145	30.9	25.4	38.0

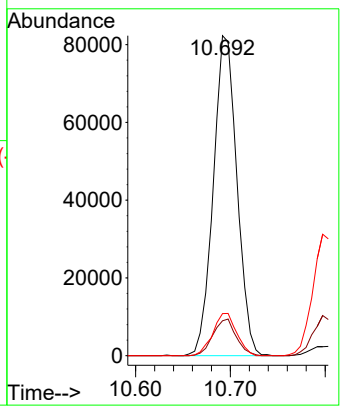




#31
Naphthalene
Concen: 20.772 ng
RT: 10.692 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:128 Resp: 14241

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.1	10.9	16.3



Instrument :
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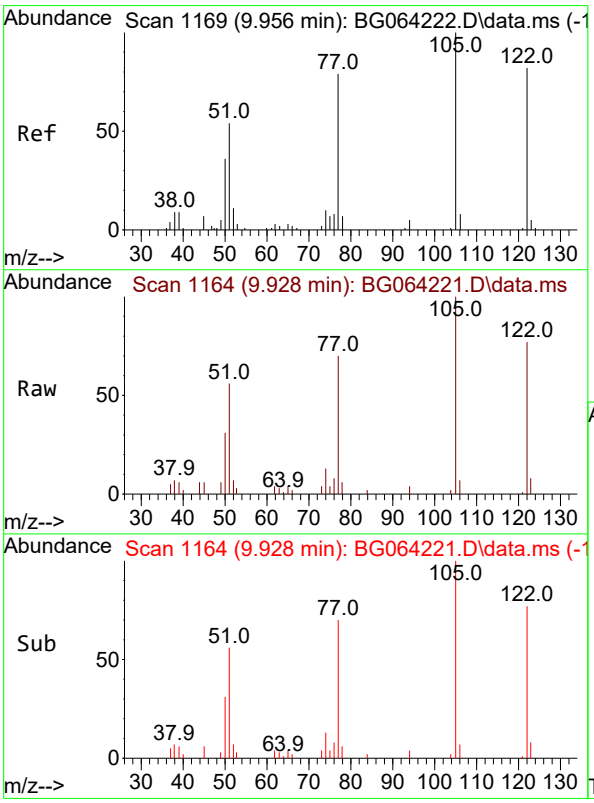
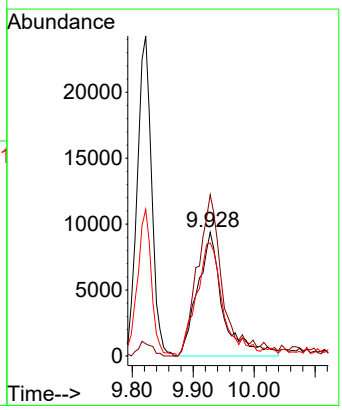
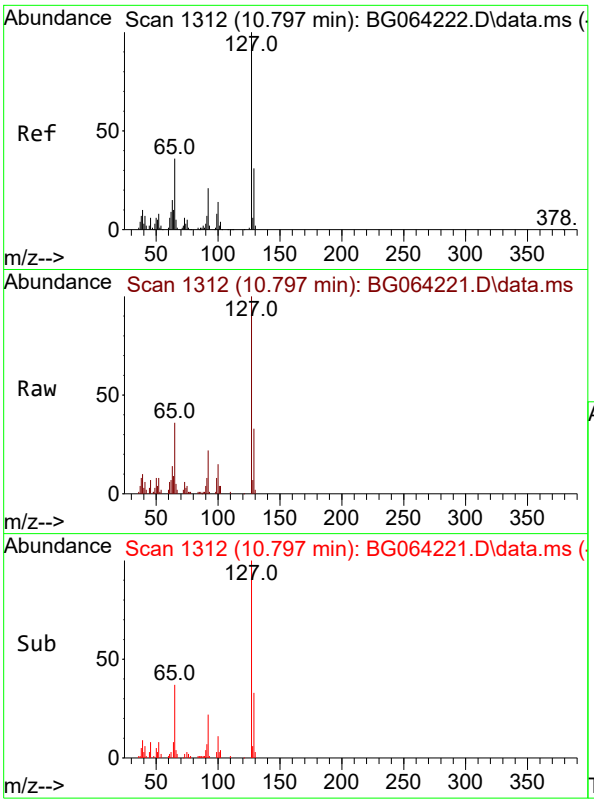


#32
Benzoic acid
Concen: 18.237 ng
RT: 9.928 min Scan# 1164
Delta R.T. -0.088 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:122 Resp: 27202

Ion	Ratio	Lower	Upper
122	100		
105	130.4	98.5	138.5
77	91.2	74.6	114.6

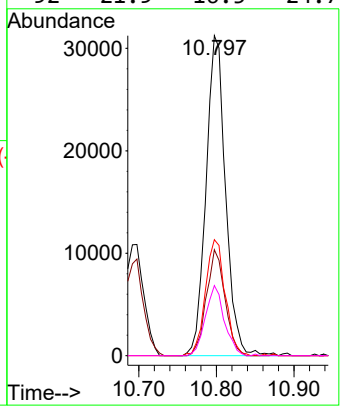




#33
4-Chloroaniline
Concen: 20.588 ng
RT: 10.797 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:127 Resp: 5470

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.0	37.4
65	36.3	28.7	43.1
92	21.9	16.5	24.7



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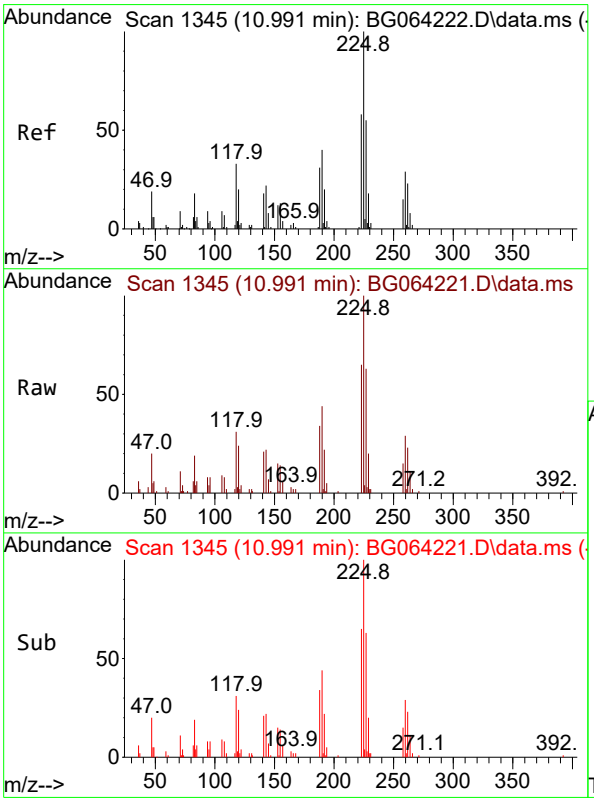
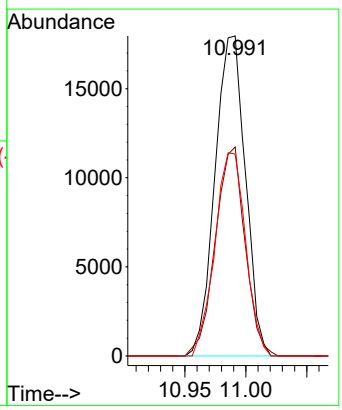
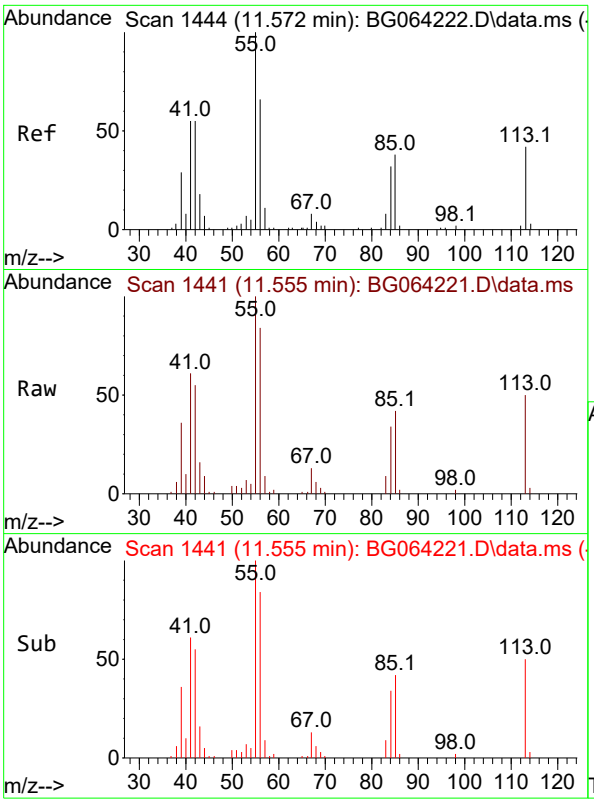


#34
Hexachlorobutadiene
Concen: 20.163 ng
RT: 10.991 min Scan# 1345
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:225 Resp: 31157

Ion	Ratio	Lower	Upper
225	100		
223	62.6	46.5	69.7
227	63.2	44.1	66.1

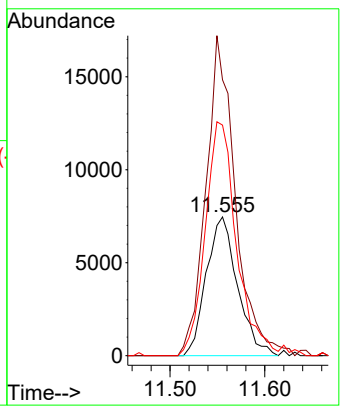




#35
Caprolactam
Concen: 22.239 ng
RT: 11.555 min Scan# 14
Delta R.T. -0.047 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:113 Resp: 1707

Ion	Ratio	Lower	Upper
113	100		
55	198.9	218.5	258.5
56	166.3	138.5	178.5



Instrument :
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ClientSampleId :
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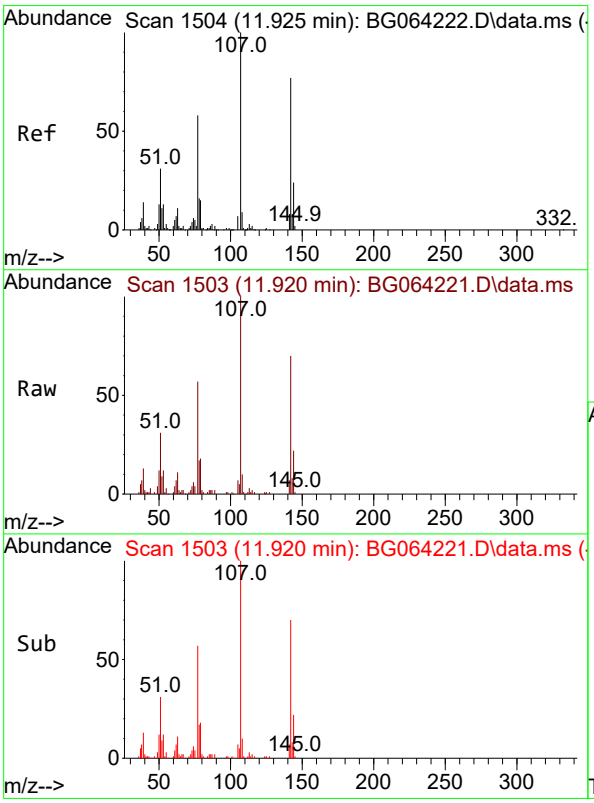
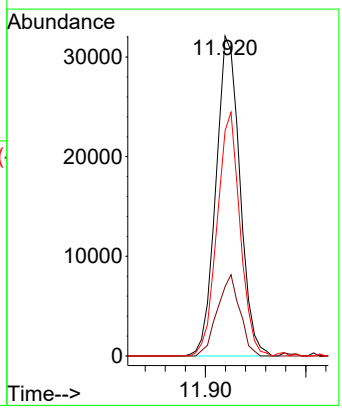
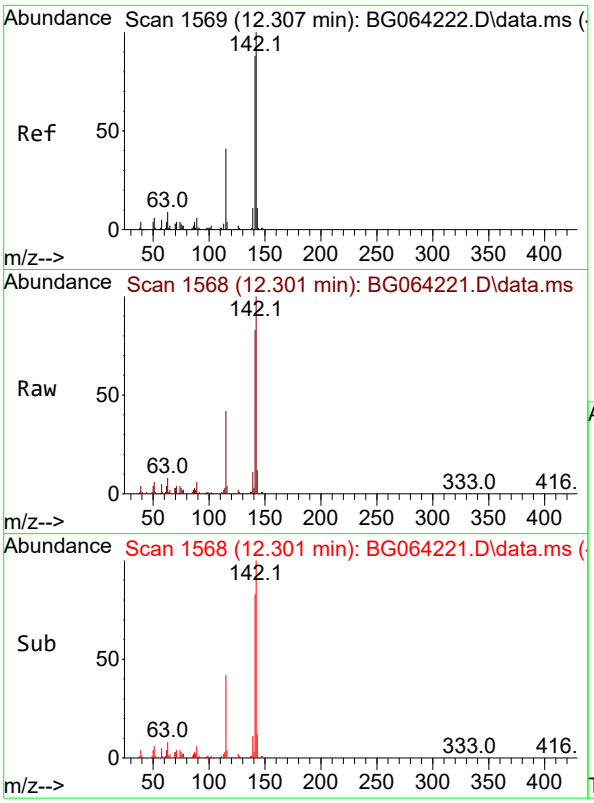


#36
4-Chloro-3-methylphenol
Concen: 20.657 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 53139

Ion	Ratio	Lower	Upper
107	100		
144	21.7	19.5	29.3
142	70.4	62.0	93.0

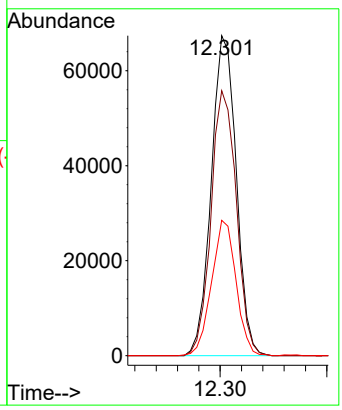




#37
2-Methylnaphthalene
Concen: 21.550 ng
RT: 12.301 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:142 Resp: 10982

Ion	Ratio	Lower	Upper
142	100		
141	82.8	70.1	105.1
115	42.3	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
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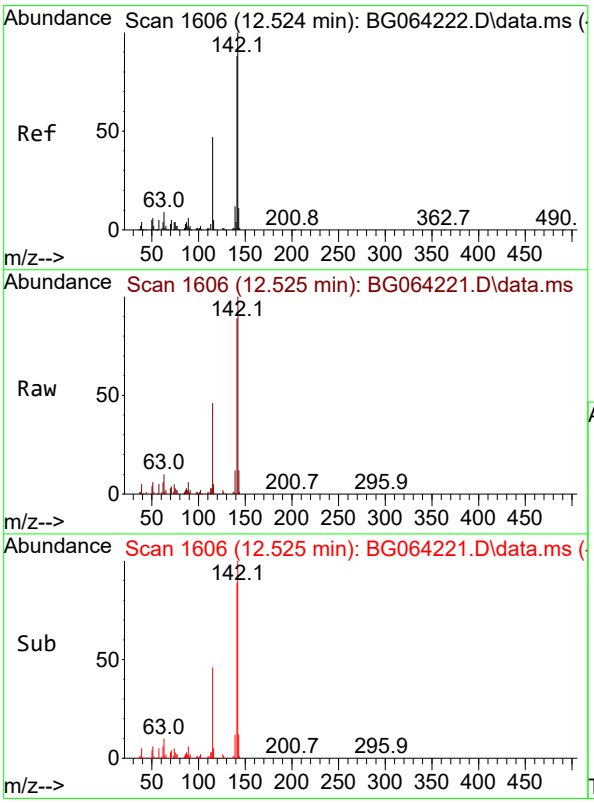
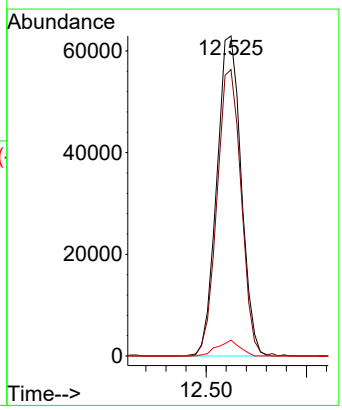
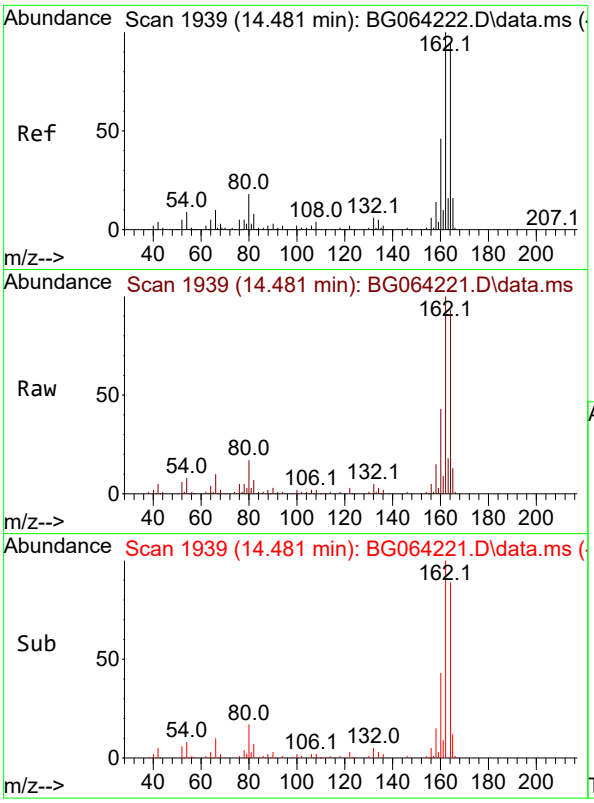


#38
1-Methylnaphthalene
Concen: 21.031 ng
RT: 12.525 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:142 Resp: 105864

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
116	4.9	3.7	5.5

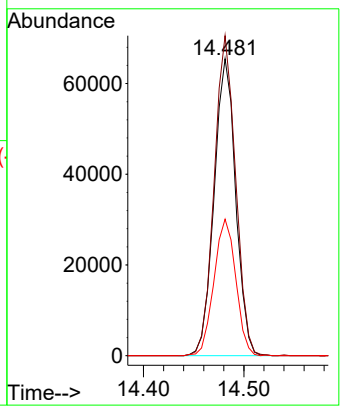




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:164 Resp: 9759

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.0
160	46.0	39.2	58.8



Instrument :
BNA_G
ClientSampleId :
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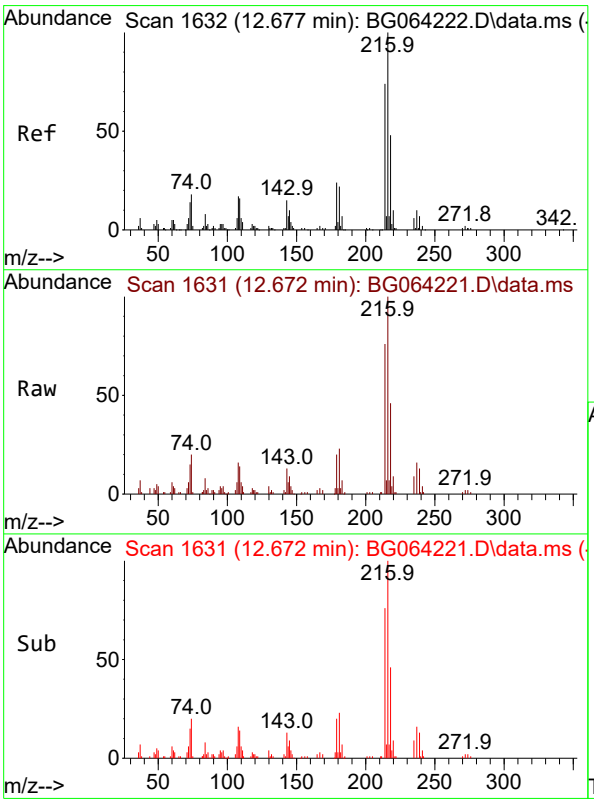
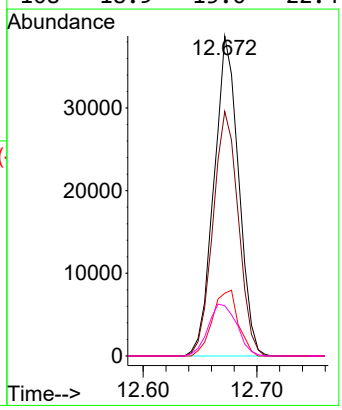
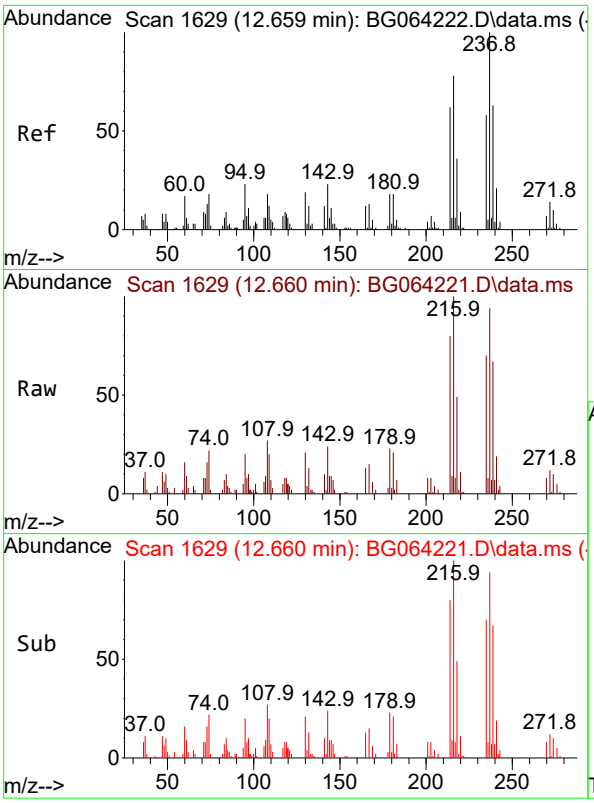


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.687 ng
RT: 12.672 min Scan# 1631
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:216 Resp: 58253

Ion	Ratio	Lower	Upper
216	100		
214	78.5	61.9	92.9
179	21.4	17.9	26.9
108	18.9	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 18.680 ng
RT: 12.660 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:237 Resp: 2499

Ion	Ratio	Lower	Upper
237	100		
235	74.5	37.9	77.9
272	12.5	0.0	33.8

Instrument :
BNA_G
ClientSampleId :
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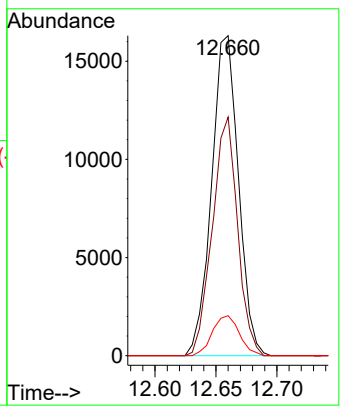
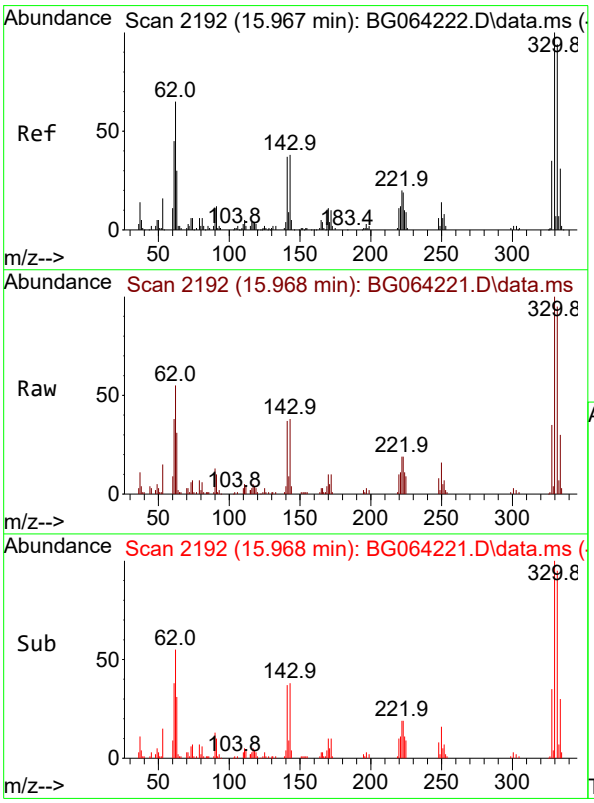
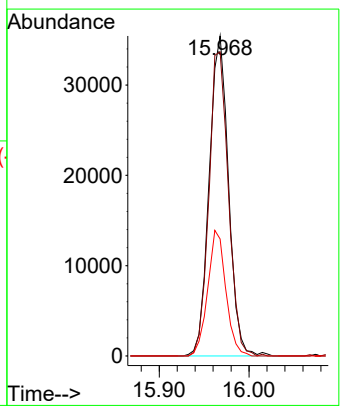


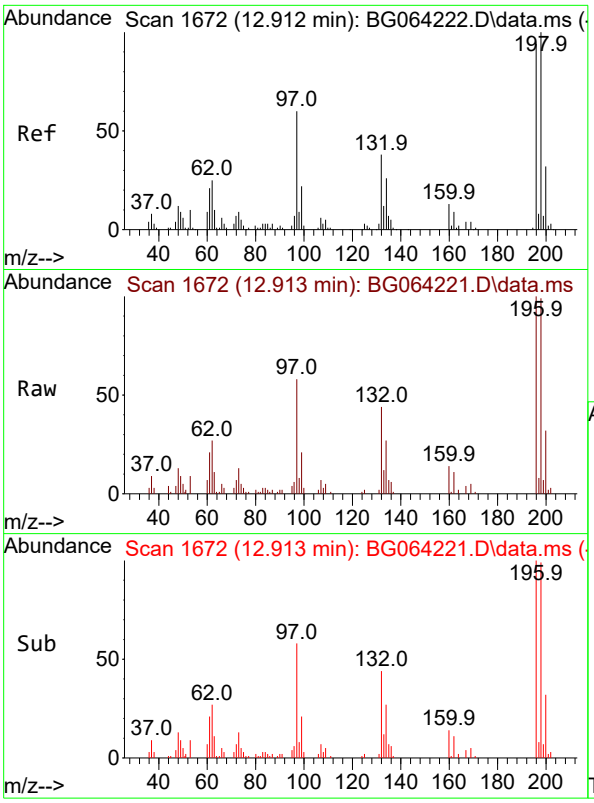


#42
2,4,6-Tribromophenol
Concen: 40.942 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:330 Resp: 52925

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	36.9	29.8	44.6

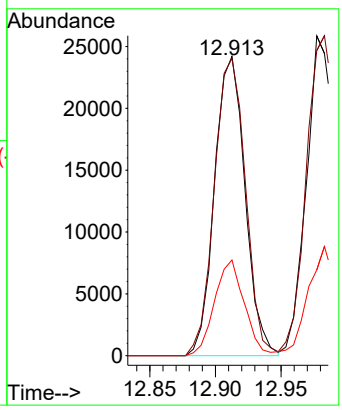




#43
2,4,6-Trichlorophenol
Concen: 20.765 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:196 Resp: 3908

Ion	Ratio	Lower	Upper
196	100		
198	99.3	85.4	128.2
200	31.9	27.3	40.9



Instrument :
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ClientSampleId :
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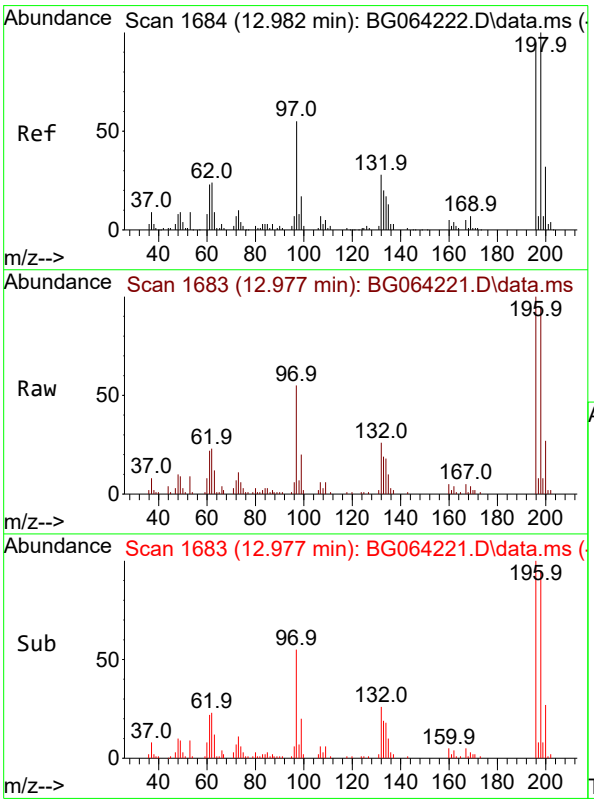
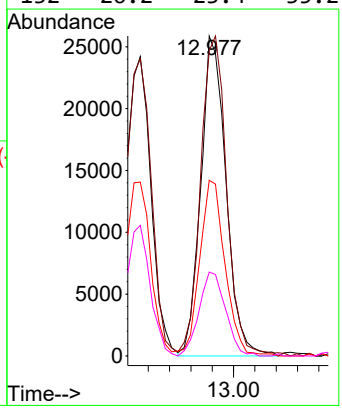
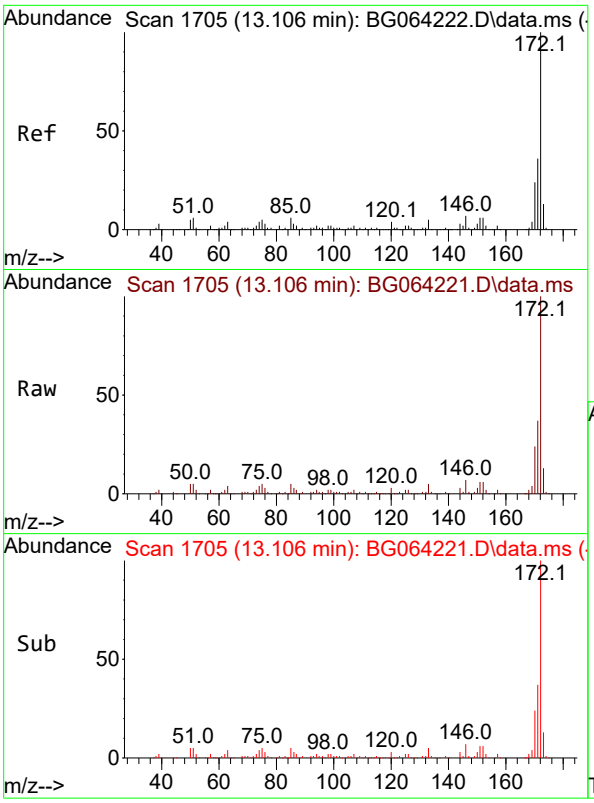


#44
2,4,5-Trichlorophenol
Concen: 20.878 ng
RT: 12.977 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:196 Resp: 42626

Ion	Ratio	Lower	Upper
196	100		
198	95.4	84.5	126.7
97	54.9	46.8	70.2
132	26.2	23.4	35.2

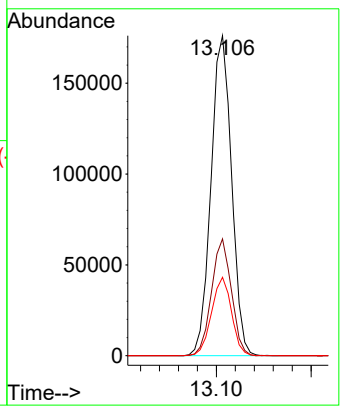




#45
2-Fluorobiphenyl
Concen: 41.465 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:172 Resp: 26512

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	24.5	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
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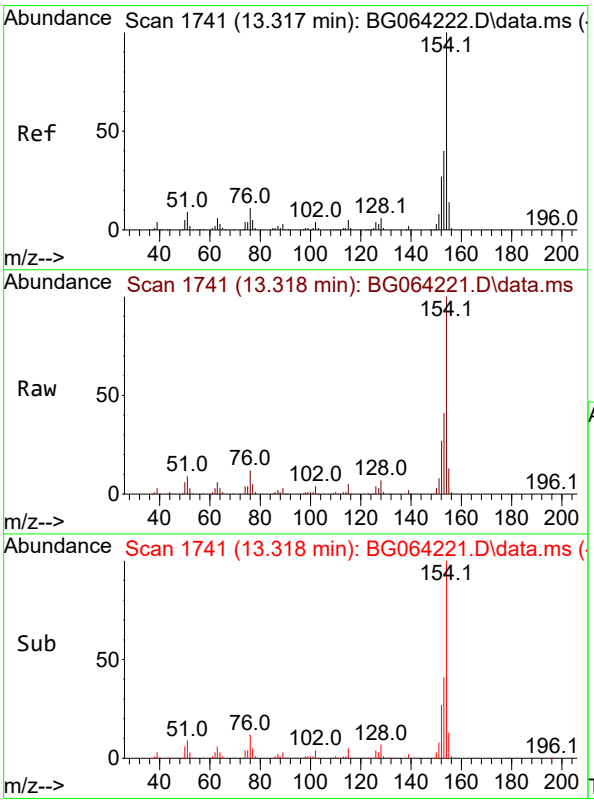
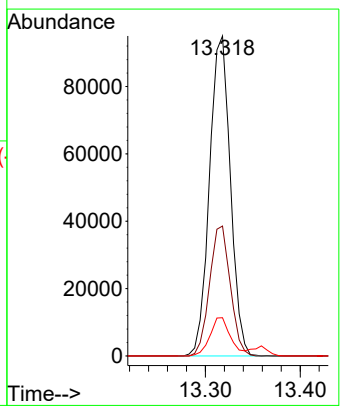
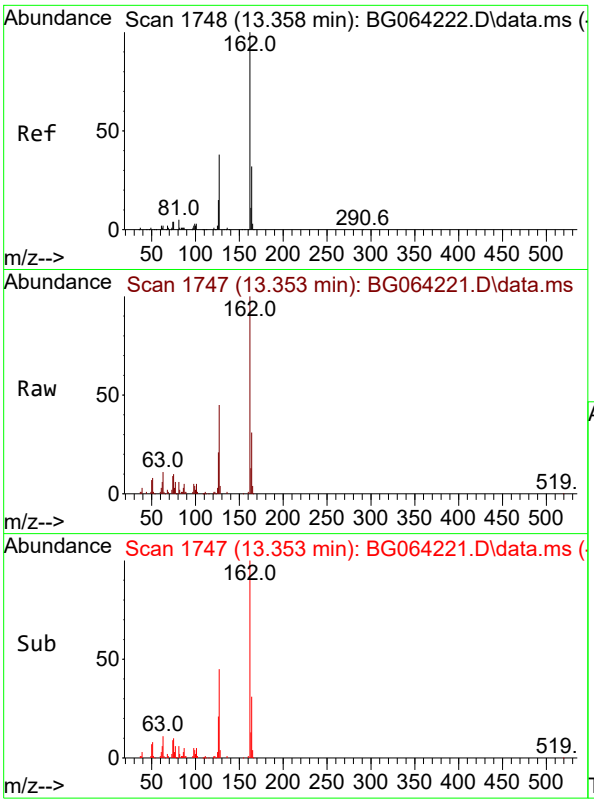


#46
1,1'-Biphenyl
Concen: 20.425 ng
RT: 13.318 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:154 Resp: 145186

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	11.9	0.0	30.9





#47
2-Chloronaphthalene
Concen: 20.333 ng
RT: 13.353 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:162 Resp: 10865

Ion	Ratio	Lower	Upper
162	100		
127	45.0	33.9	50.9
164	31.0	25.4	38.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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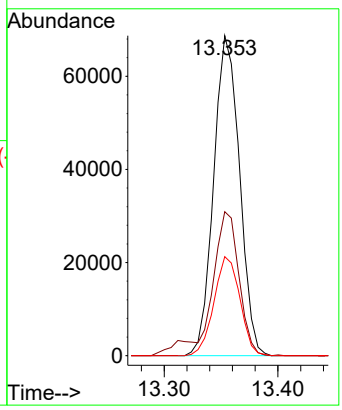
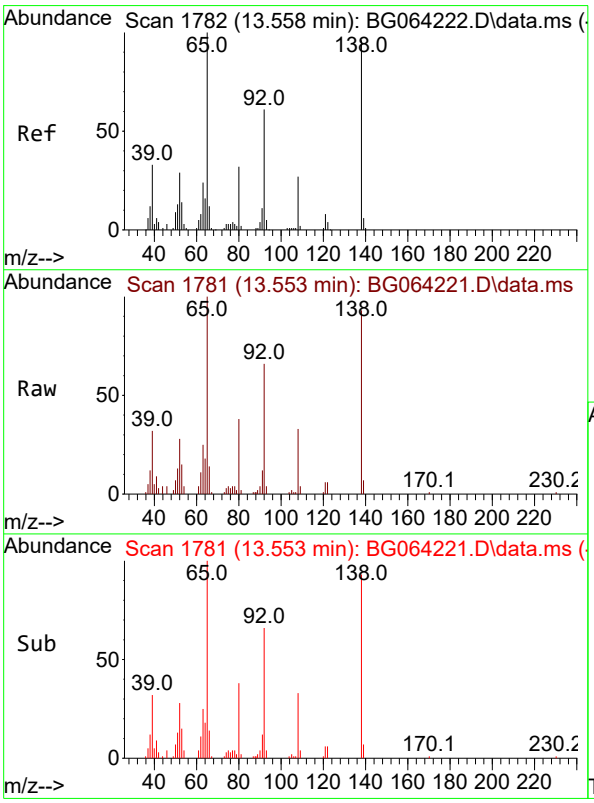
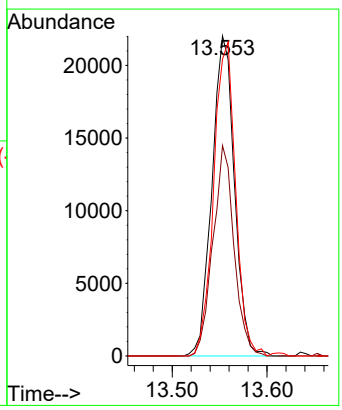


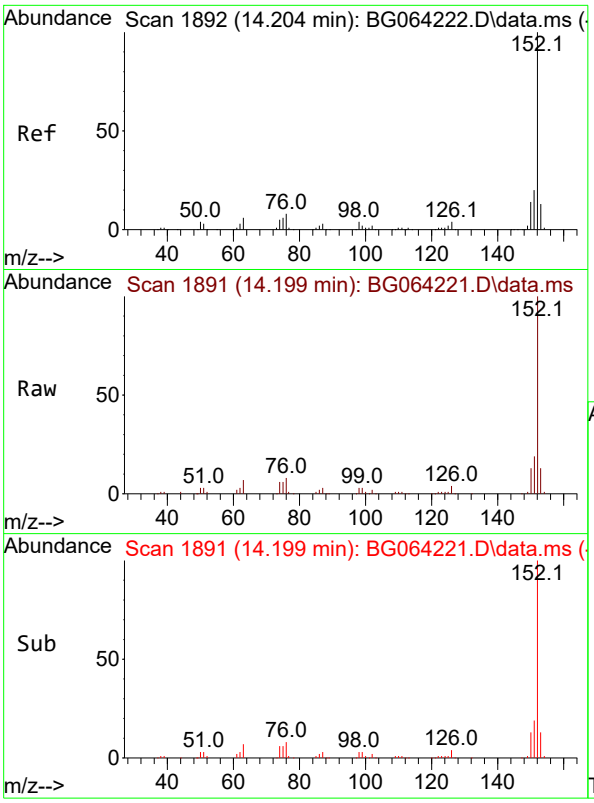


#48
2-Nitroaniline
Concen: 19.927 ng
RT: 13.553 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 65 Resp: 36296

Ion	Ratio	Lower	Upper
65	100		
92	65.7	49.2	73.8
138	92.8	76.8	115.2

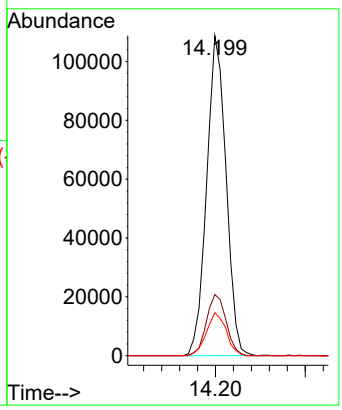




#49
Acenaphthylene
Concen: 20.693 ng
RT: 14.199 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:152 Resp: 16346

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.5	10.1	15.1



Instrument :
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ClientSampleId :
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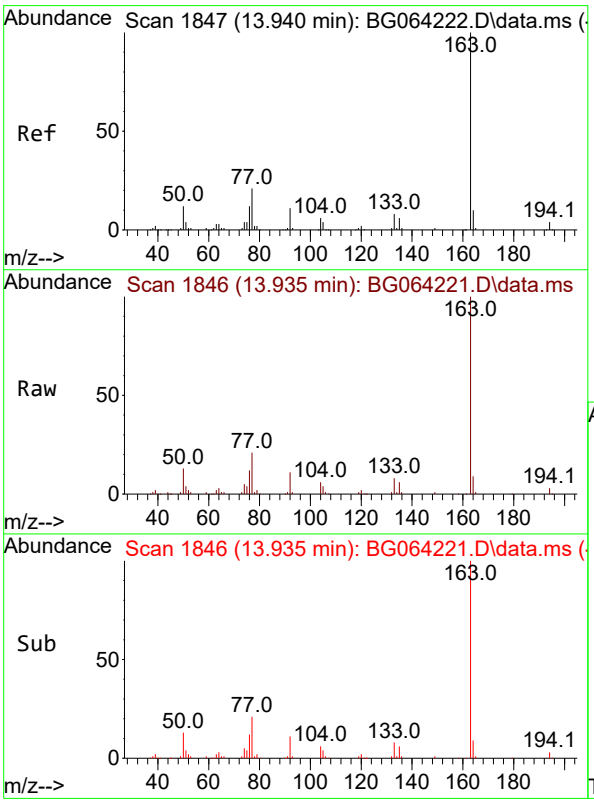
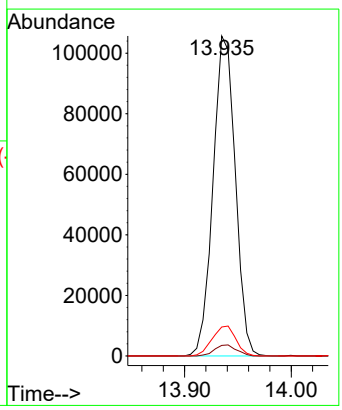
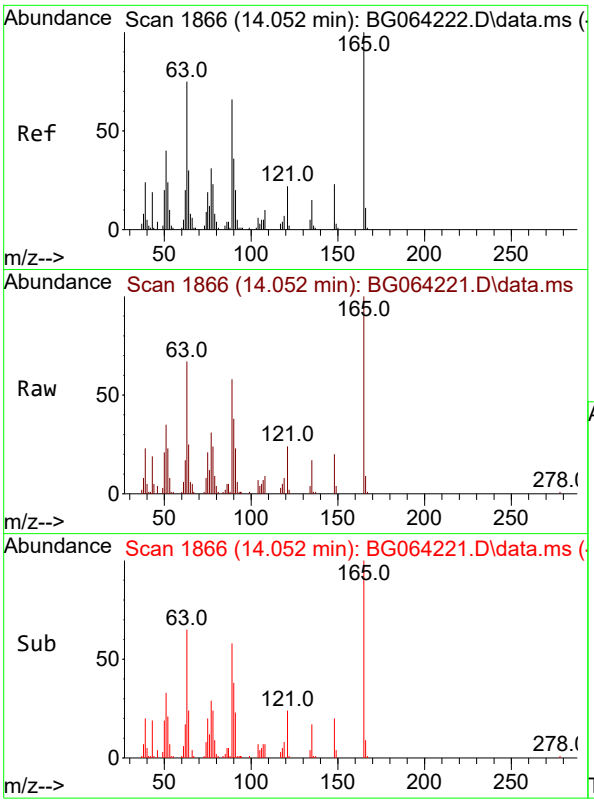


#50
Dimethylphthalate
Concen: 20.731 ng
RT: 13.935 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:163 Resp: 153139

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.0	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 20.547 ng
RT: 14.052 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:165 Resp: 2938

Ion	Ratio	Lower	Upper
165	100		
63	67.4	60.3	90.5
89	58.3	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
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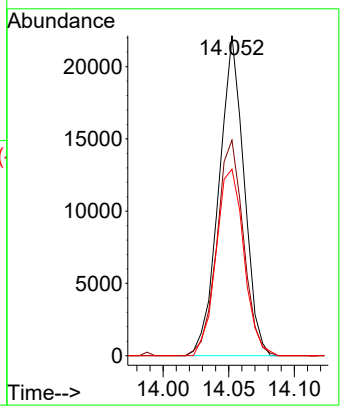
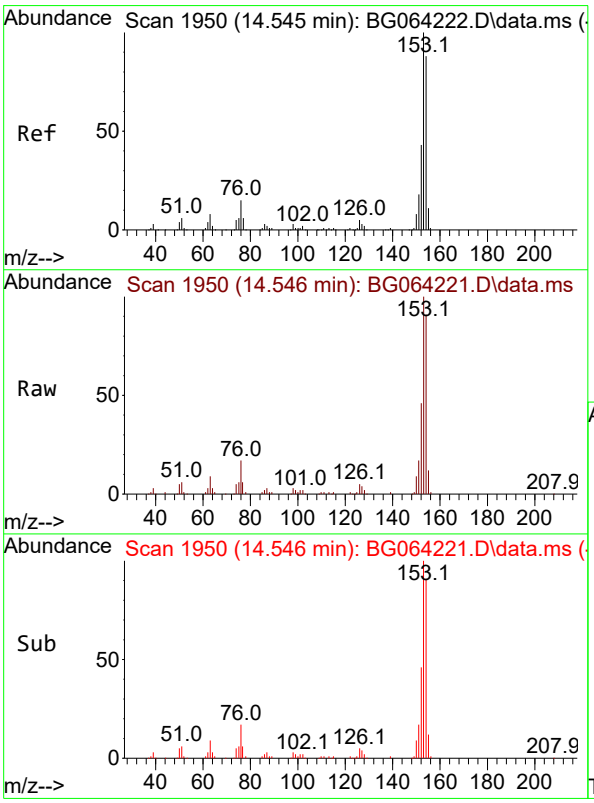
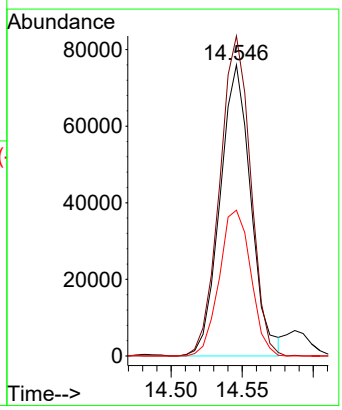


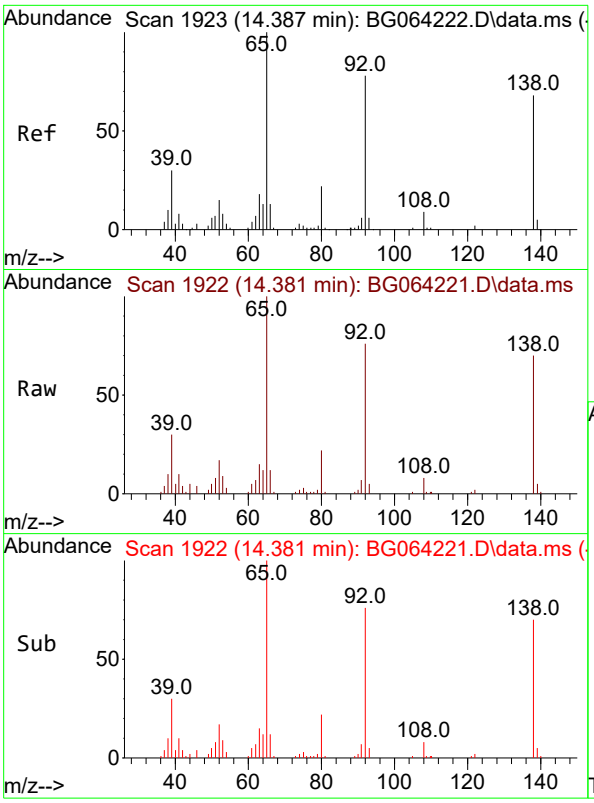


#52
Acenaphthene
Concen: 20.562 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:154 Resp: 114630

Ion	Ratio	Lower	Upper
154	100		
153	109.9	91.1	136.7
152	50.1	39.6	59.4

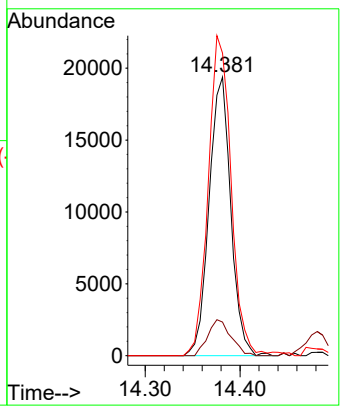




#53
3-Nitroaniline
Concen: 20.559 ng
RT: 14.381 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:138 Resp: 3079

Ion	Ratio	Lower	Upper
138	100		
108	13.6	11.0	16.6
92	108.7	91.4	137.0



Instrument :
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ClientSampleId :
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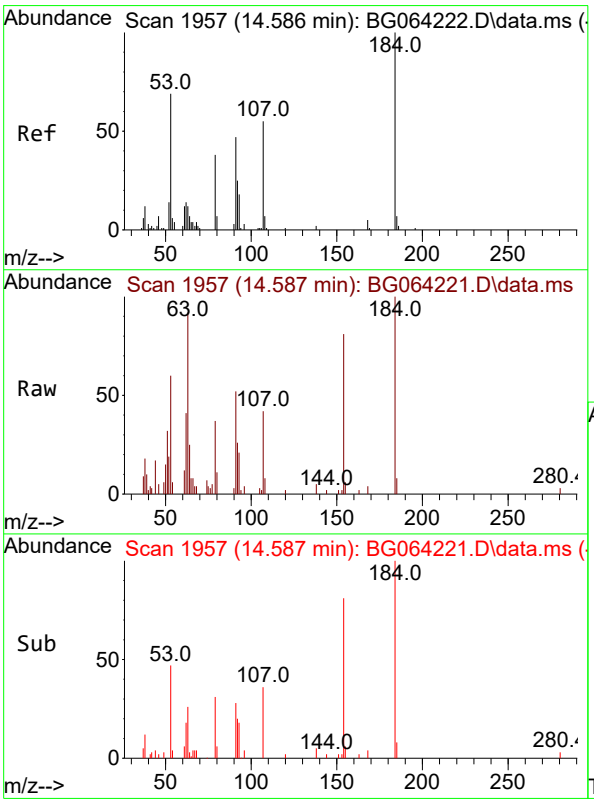
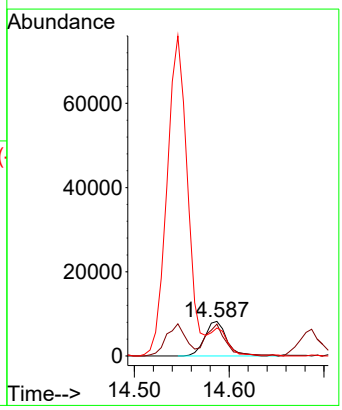
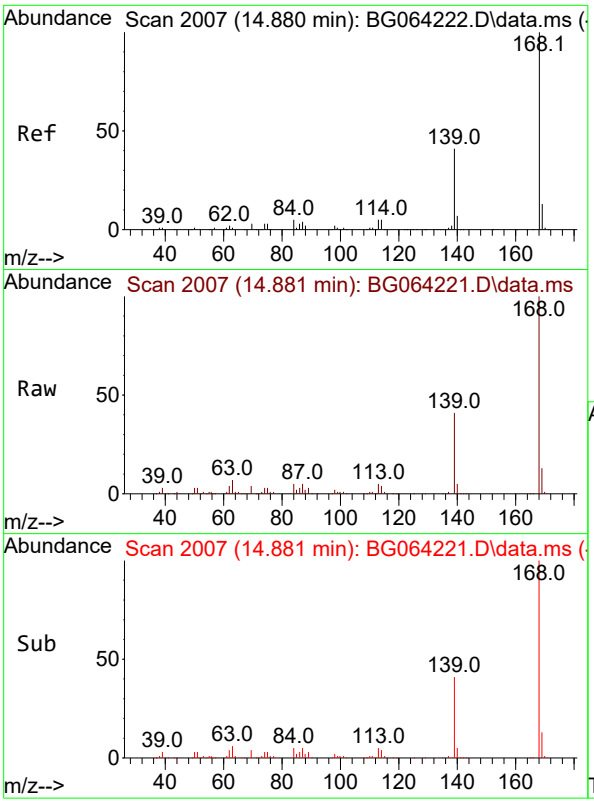


#54
2,4-Dinitrophenol
Concen: 18.989 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:184 Resp: 13409

Ion	Ratio	Lower	Upper
184	100		
63	92.4	60.1	90.1#
154	81.0	59.8	89.8

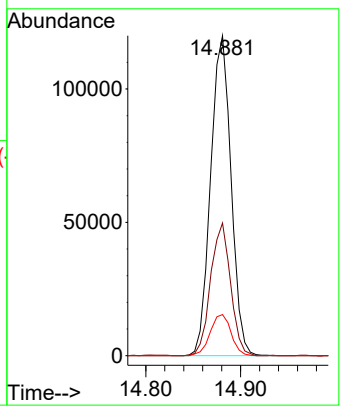




#55
Dibenzofuran
Concen: 20.478 ng
RT: 14.881 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:168 Resp: 17956

Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.2	49.8
169	12.8	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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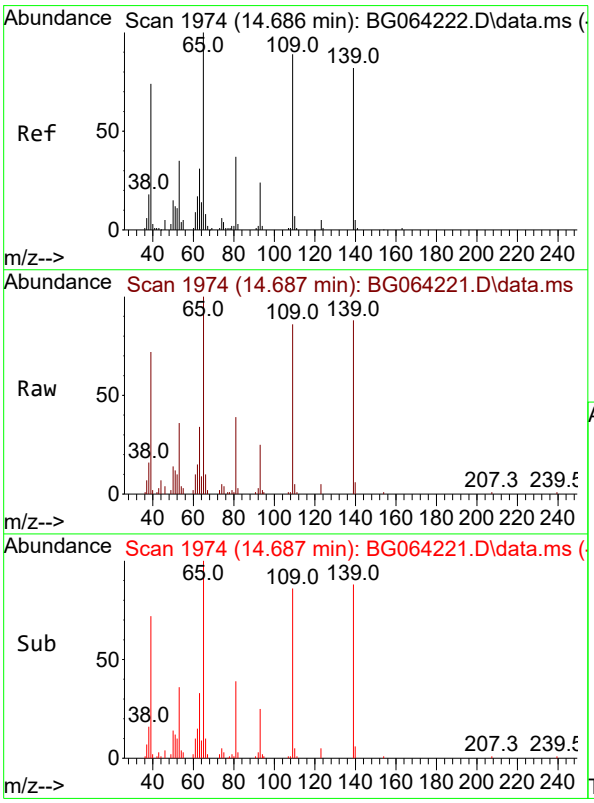
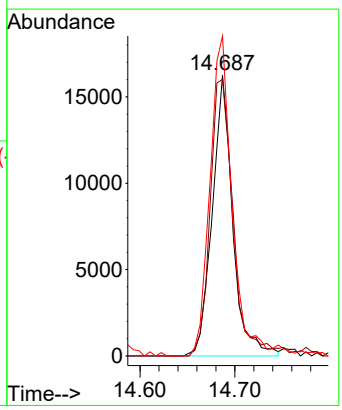
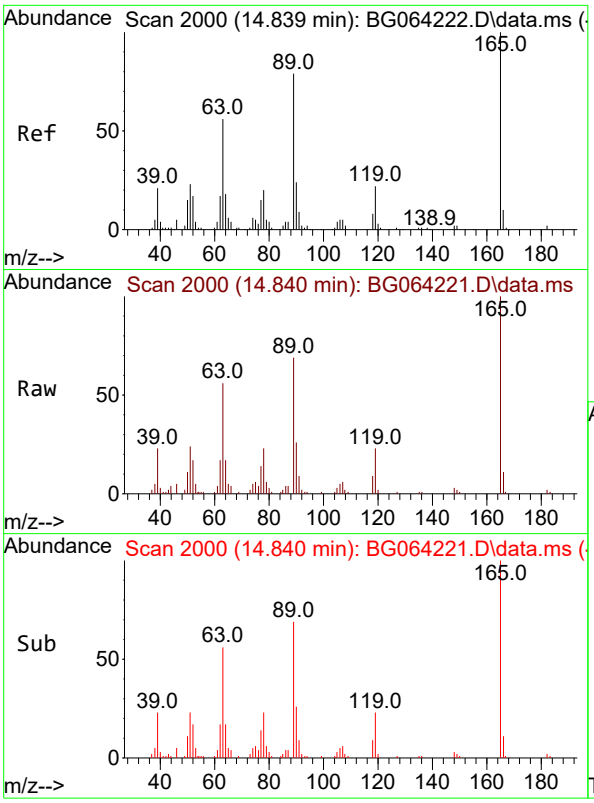


#56
4-Nitrophenol
Concen: 19.853 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 24395

Ion	Ratio	Lower	Upper
139	100		
109	98.5	89.1	129.1
65	113.9	102.9	142.9

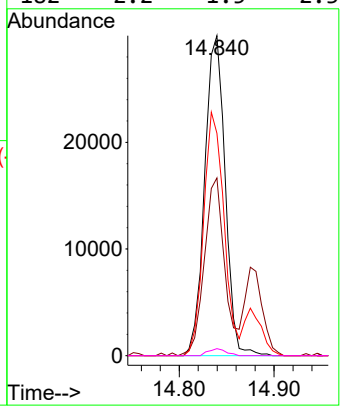




#57
2,4-Dinitrotoluene
Concen: 20.850 ng
RT: 14.840 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:165 Resp: 4508

Ion	Ratio	Lower	Upper
165	100		
63	55.6	44.6	67.0
89	69.5	63.0	94.4
182	2.2	1.5	2.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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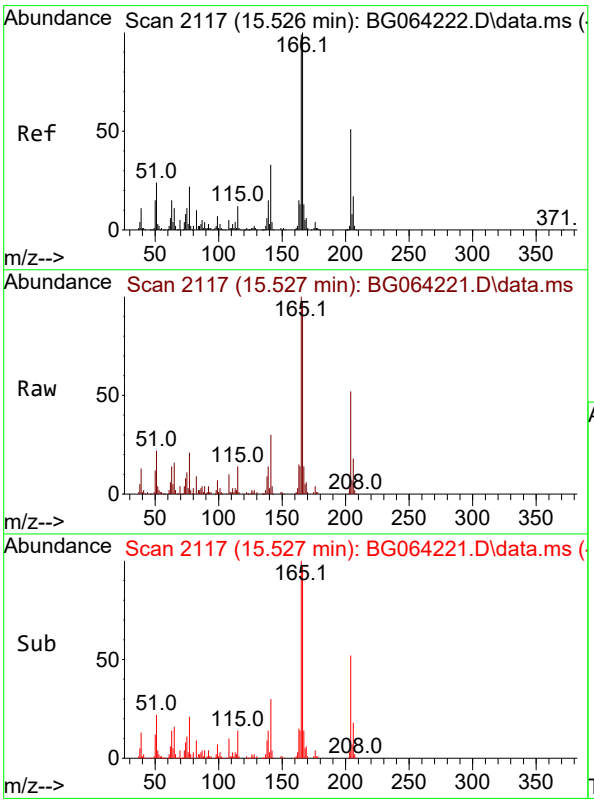
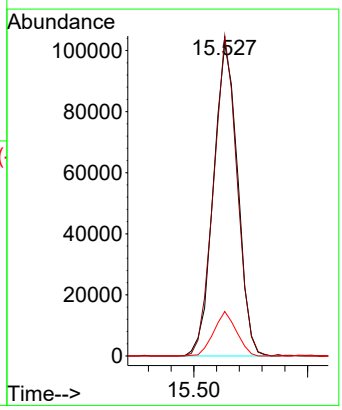
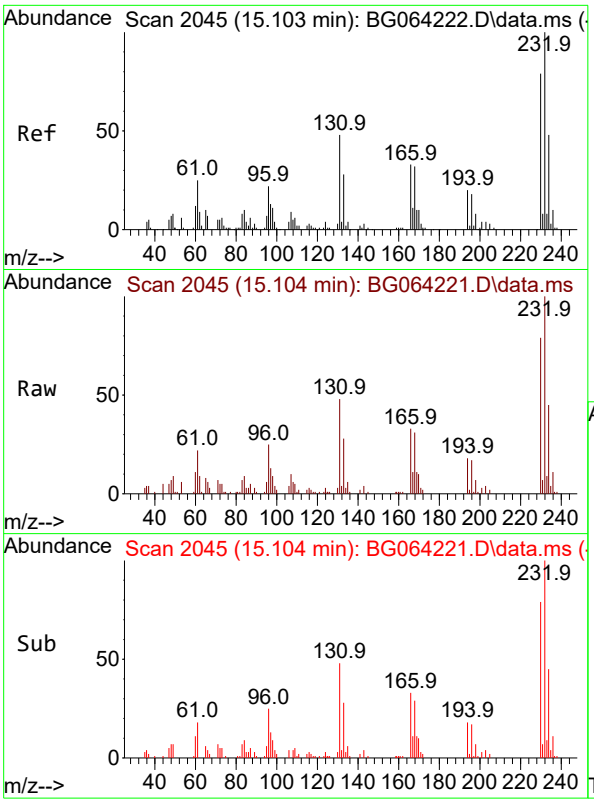


#58
Fluorene
Concen: 21.037 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:166 Resp: 151193

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.1	118.7
167	14.3	10.2	15.4

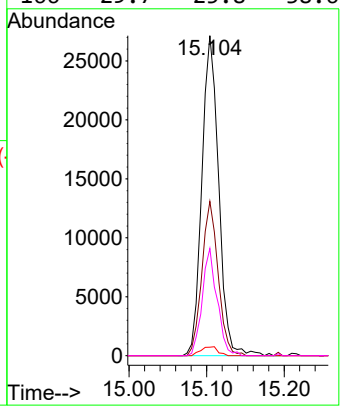




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.831 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:232 Resp: 4090

Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.1	55.7
130	2.8	2.6	3.8
166	29.7	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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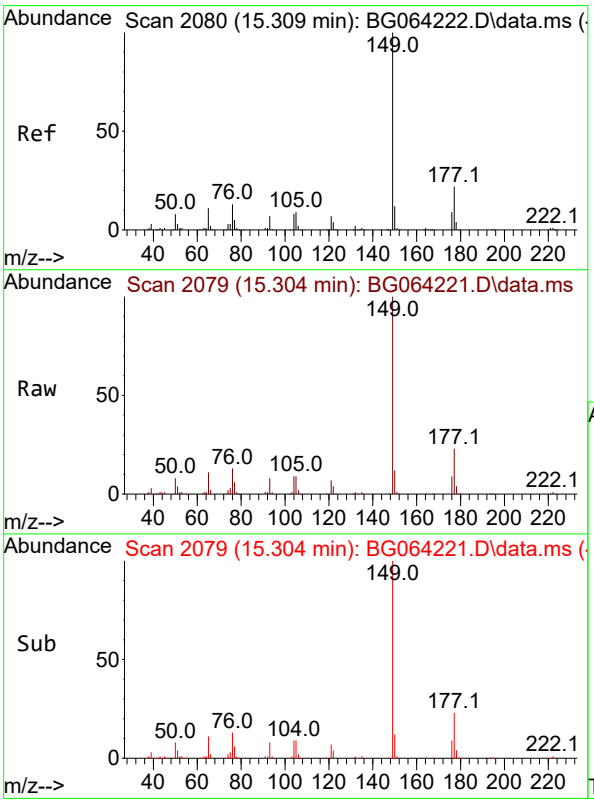
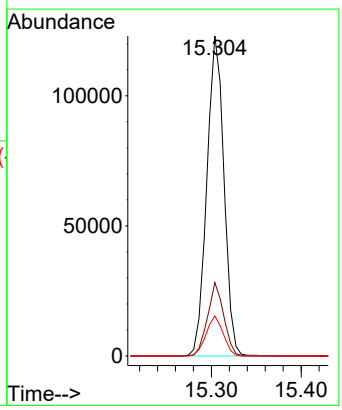
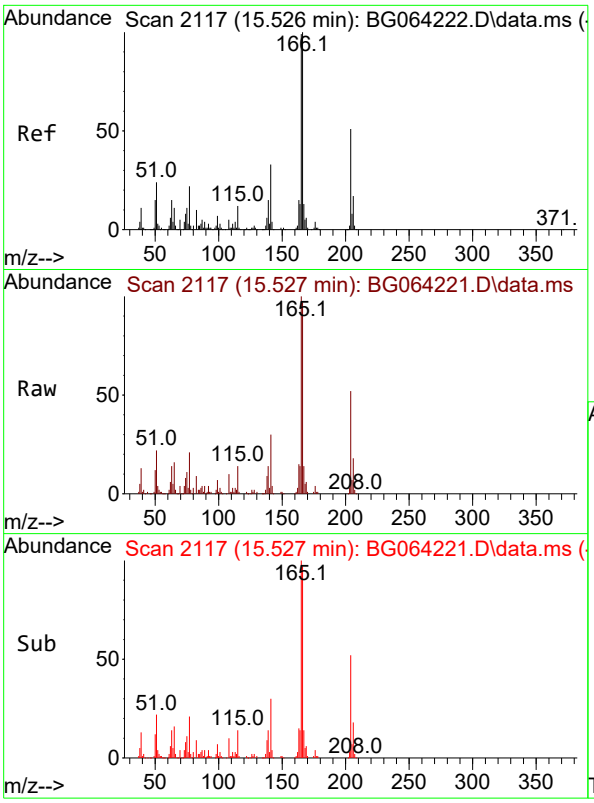


#60
Diethylphthalate
Concen: 20.550 ng
RT: 15.304 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 162465

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.5	26.3
150	12.5	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.660 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:204 Resp: 7403

Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.4
141	57.5	51.9	77.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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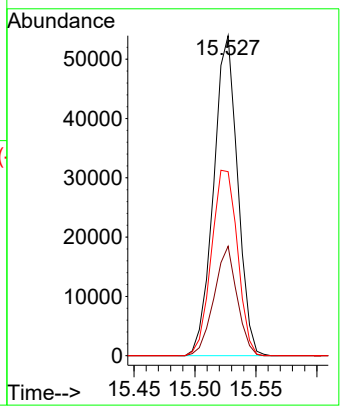
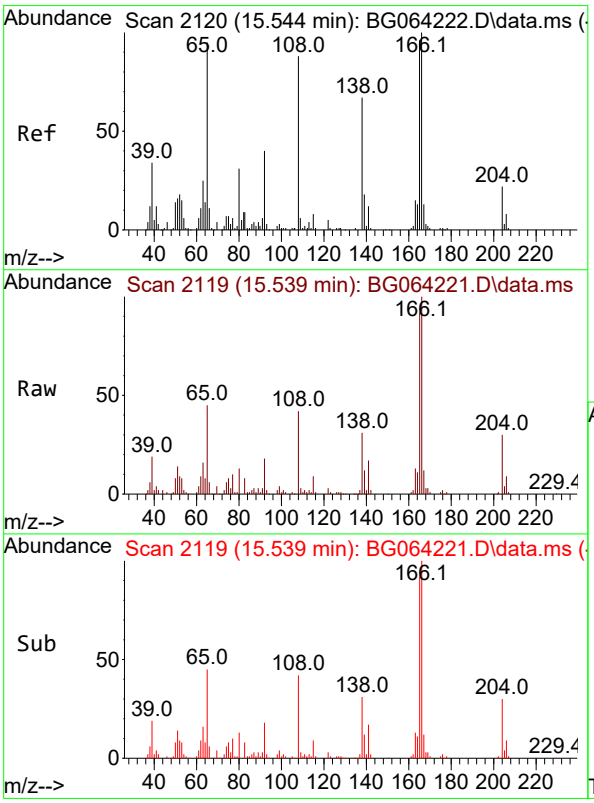
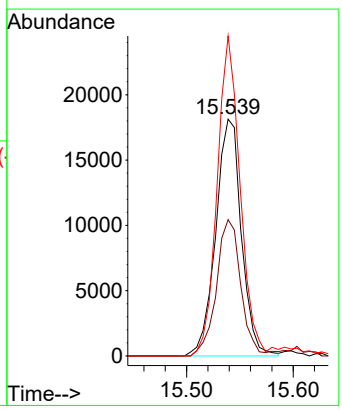


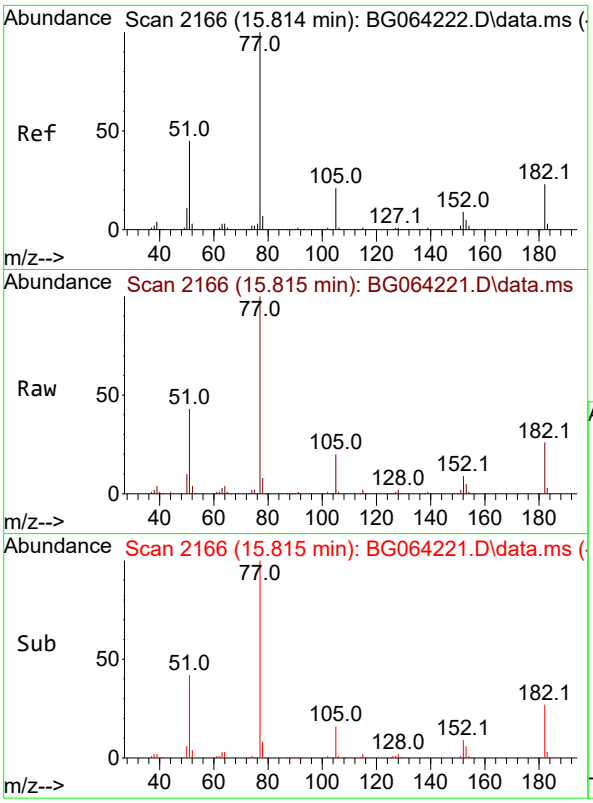


#62
4-Nitroaniline
Concen: 19.833 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:138 Resp: 30317

Ion	Ratio	Lower	Upper
138	100		
92	57.6	39.1	79.1
108	135.1	111.3	151.3

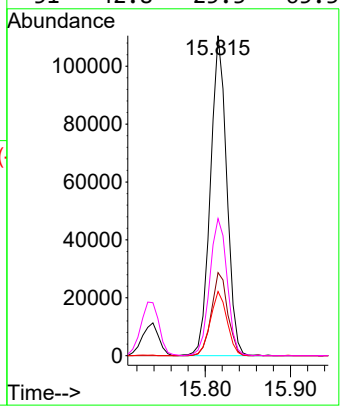




#63
Azobenzene
Concen: 20.922 ng
RT: 15.815 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion: 77 Resp: 14741

Ion	Ratio	Lower	Upper
77	100		
182	25.9	3.3	43.3
105	20.0	0.6	40.6
51	42.8	25.3	65.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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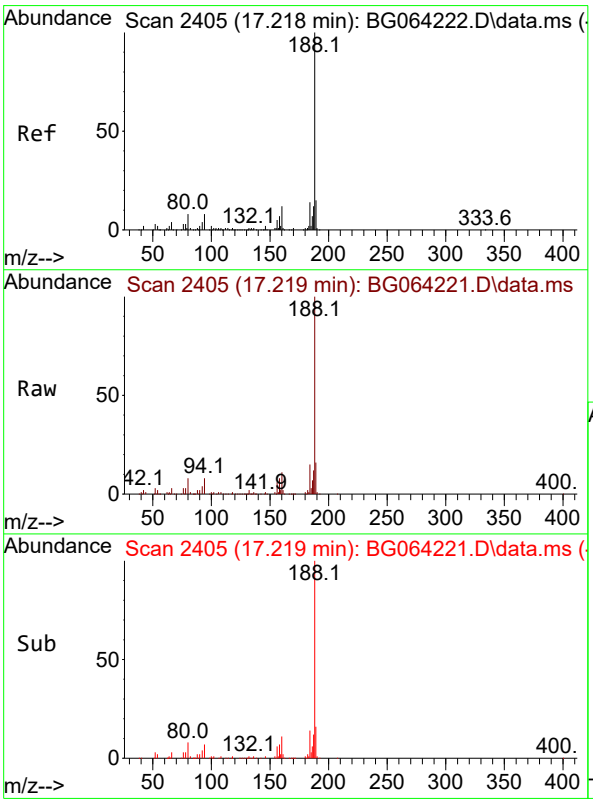
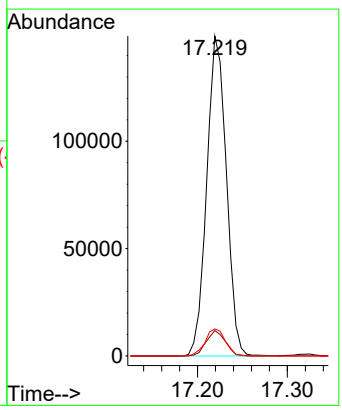
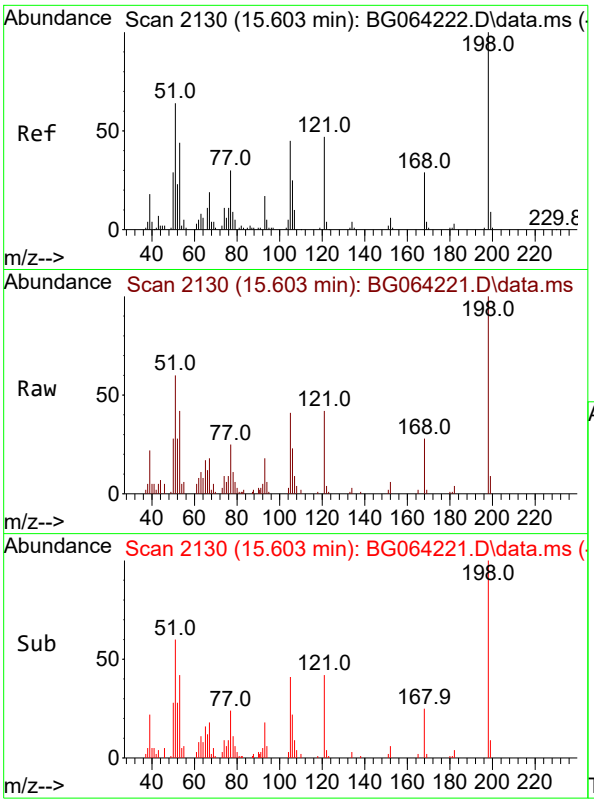


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:188 Resp: 226286

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.4
80	8.4	6.8	10.2

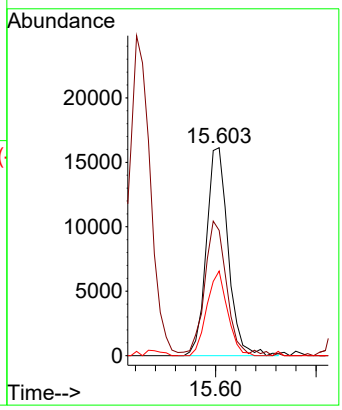




#65
4,6-Dinitro-2-methylphenol
Concen: 18.671 ng
RT: 15.603 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:198 Resp: 2425

Ion	Ratio	Lower	Upper
198	100		
51	60.2	46.2	86.2
105	40.7	25.0	65.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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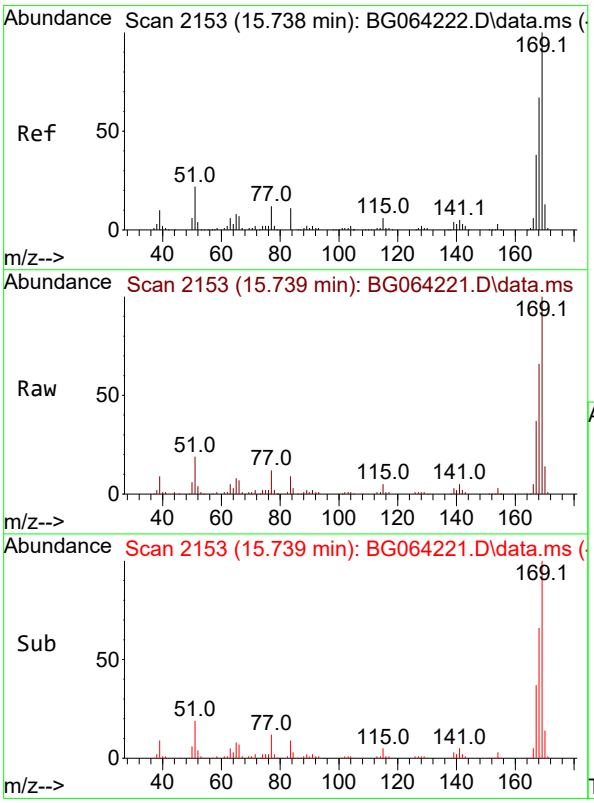
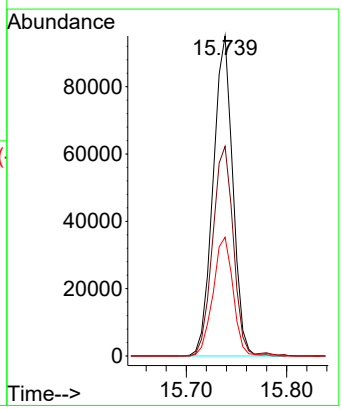
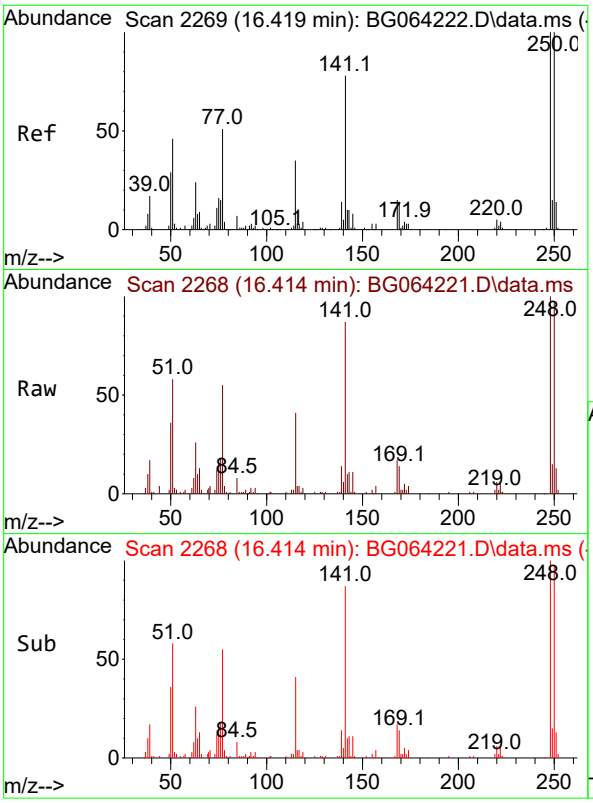


#66
n-Nitrosodiphenylamine
Concen: 20.761 ng
RT: 15.739 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:169 Resp: 129237

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.8	80.8
167	37.1	30.2	45.2





#67
4-Bromophenyl-phenylether
Concen: 20.499 ng
RT: 16.414 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 4926

Ion	Ratio	Lower	Upper
248	100		
250	96.7	80.2	120.4
141	87.1	62.4	93.6

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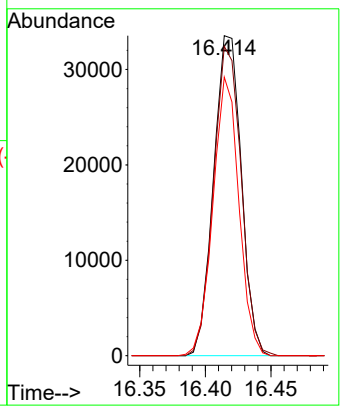
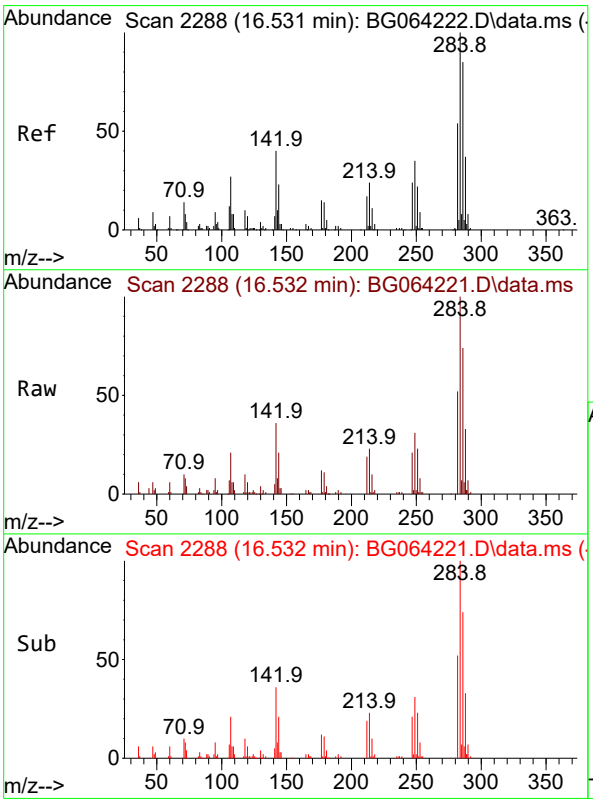
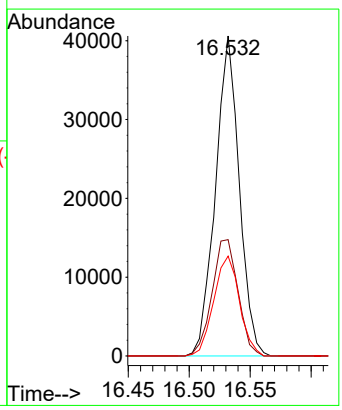


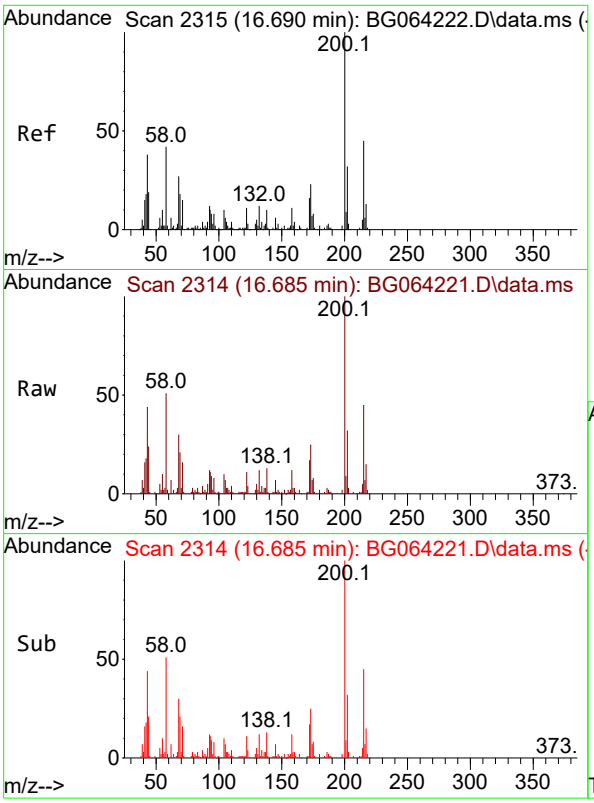


#68
Hexachlorobenzene
Concen: 20.671 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:284 Resp: 55170

Ion	Ratio	Lower	Upper
284	100		
142	36.4	32.1	48.1
249	31.2	28.3	42.5

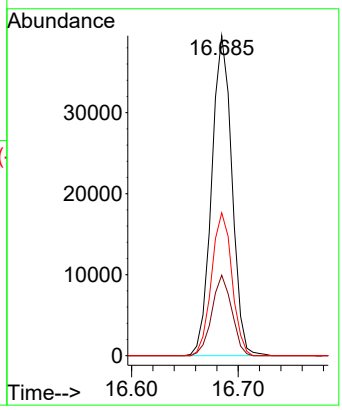




#69
Atrazine
Concen: 20.072 ng
RT: 16.685 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:200 Resp: 5217

Ion	Ratio	Lower	Upper
200	100		
173	25.1	3.5	43.5
215	44.7	24.8	64.8



Instrument :
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ClientSampleId :
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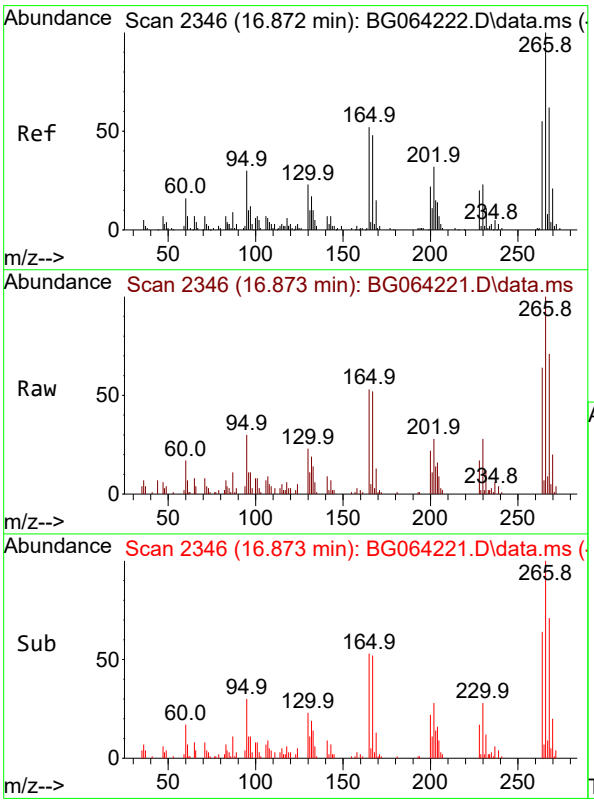
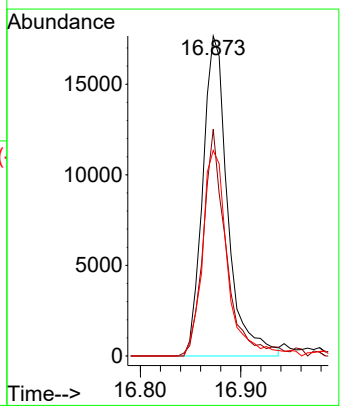
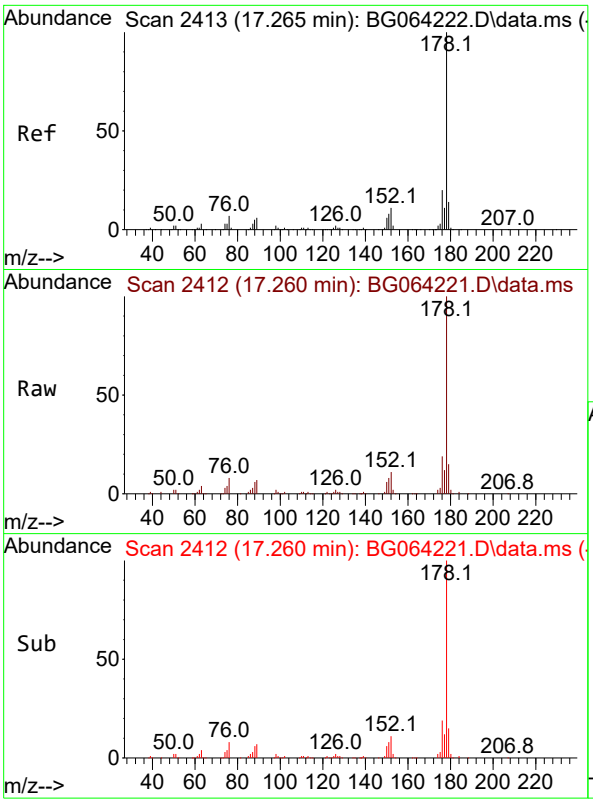


#70
Pentachlorophenol
Concen: 18.830 ng
RT: 16.873 min Scan# 2346
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:266 Resp: 30473

Ion	Ratio	Lower	Upper
266	100		
268	70.8	49.4	74.0
264	64.2	44.3	66.5

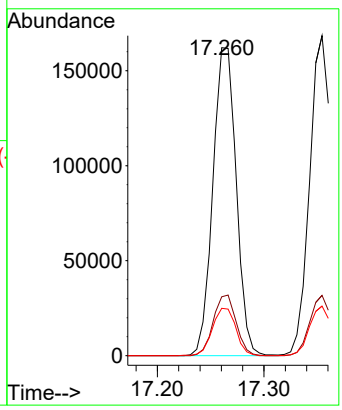




#71
Phenanthrene
Concen: 20.672 ng
RT: 17.260 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:178 Resp: 24672

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.4	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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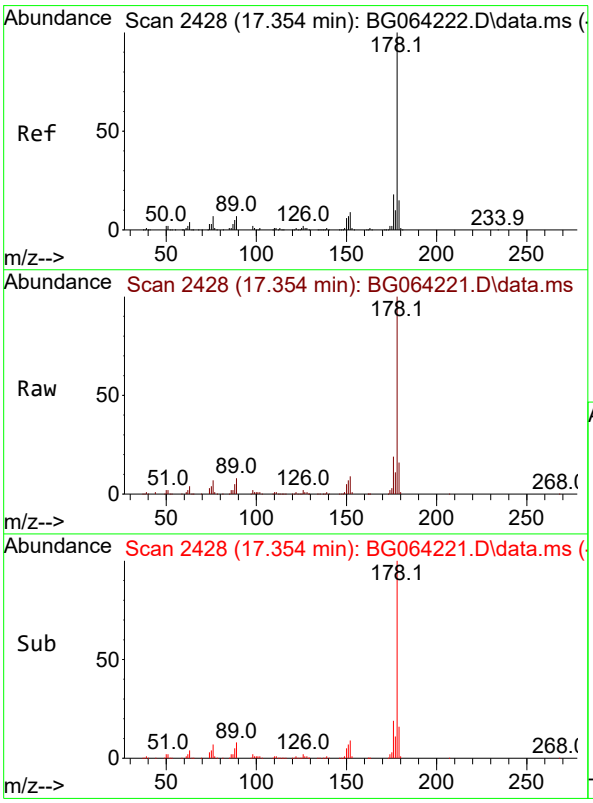
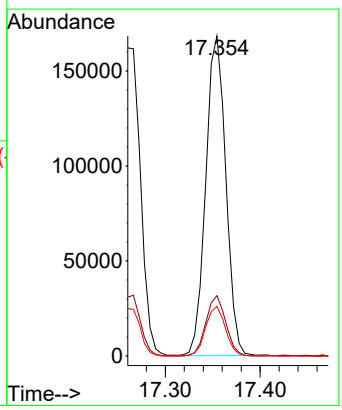
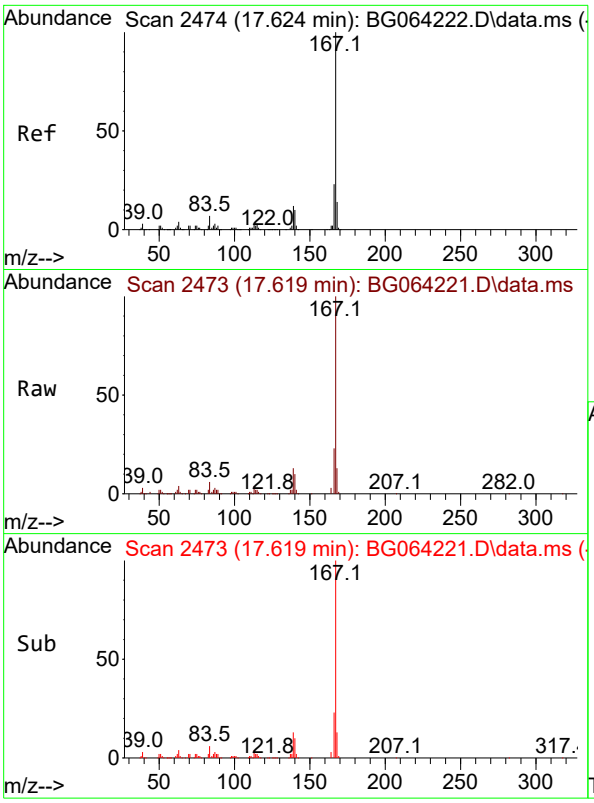


#72
Anthracene
Concen: 20.352 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:178 Resp: 247090

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.5	12.1	18.1

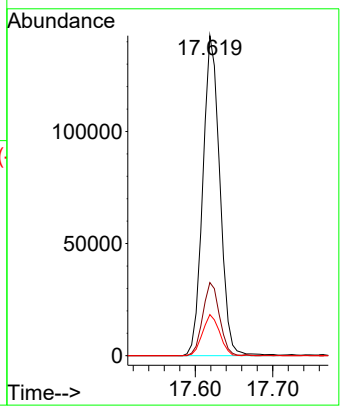




#73
Carbazole
Concen: 20.308 ng
RT: 17.619 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:167 Resp: 21720

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	12.9	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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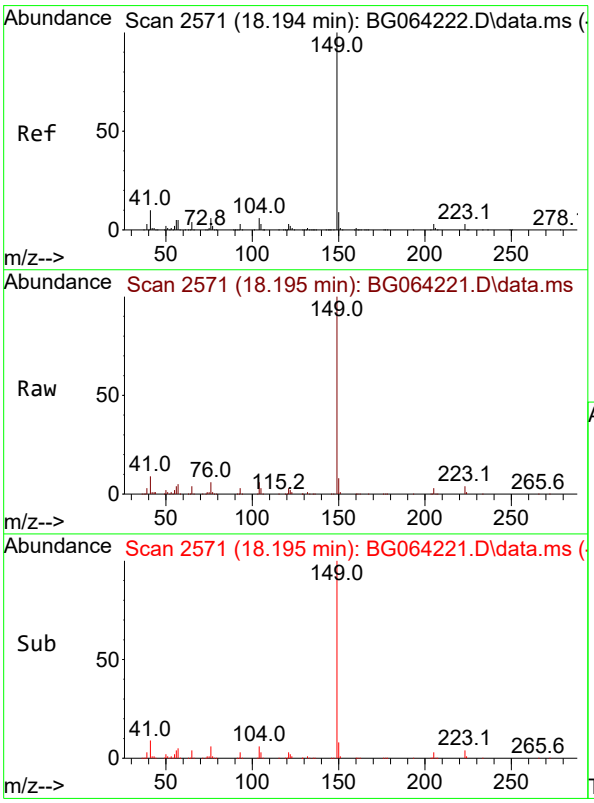
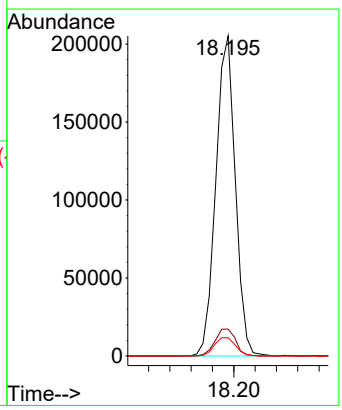
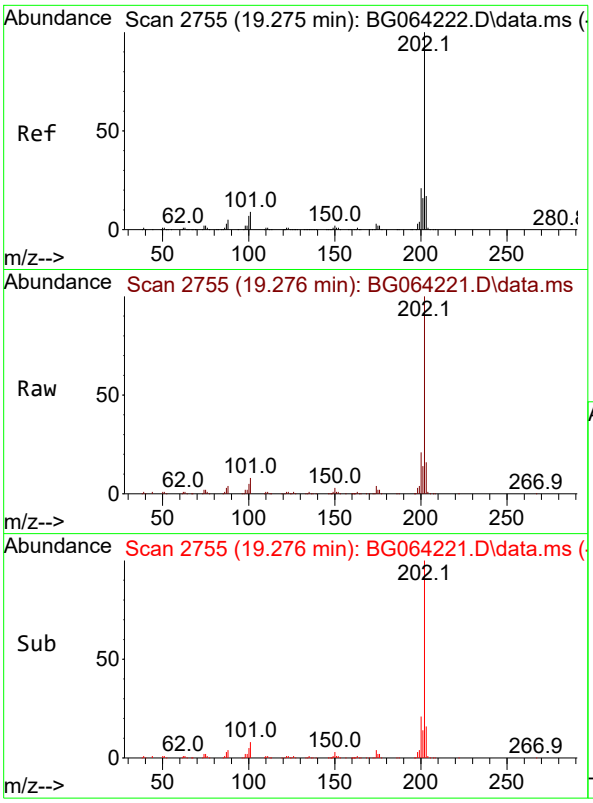


#74
Di-n-butylphthalate
Concen: 20.187 ng
RT: 18.195 min Scan# 2571
Delta R.T. 0.001 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 259387

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.5	11.3
104	5.7	4.6	7.0

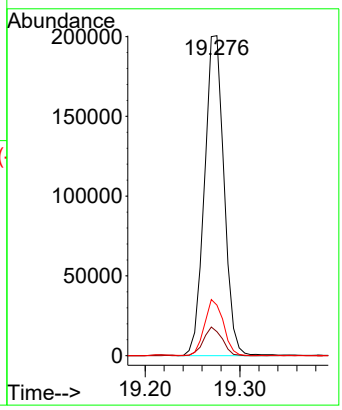




#75
Fluoranthene
Concen: 20.461 ng
RT: 19.276 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:202 Resp: 28713

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.7
203	15.8	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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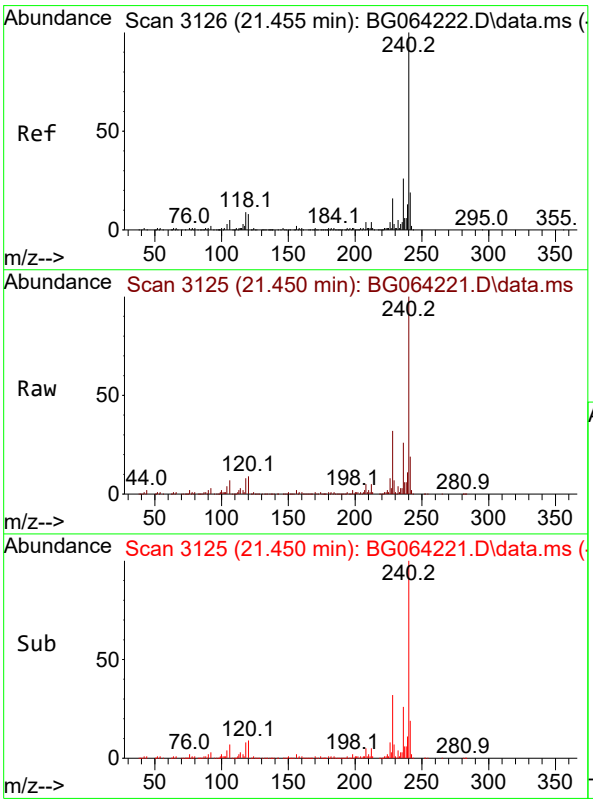
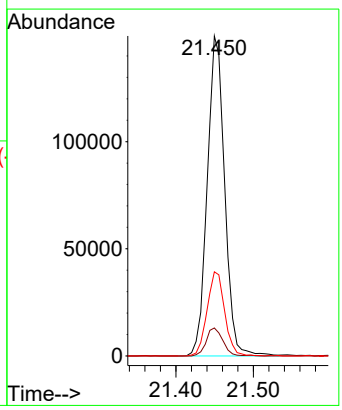
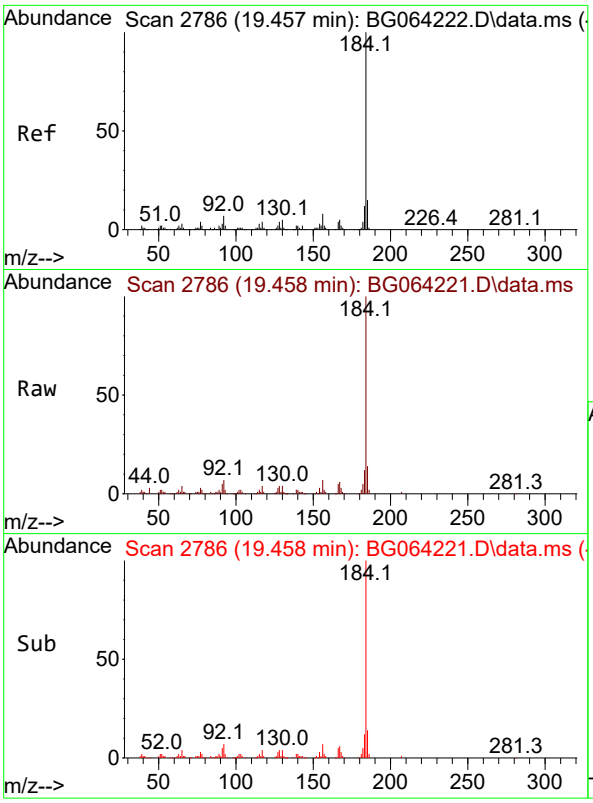


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:240 Resp: 233668

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.2	9.4
236	26.3	20.5	30.7

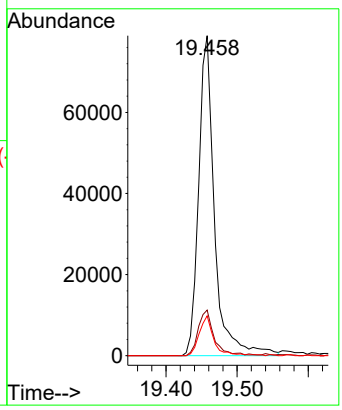




#77
Benzidine
Concen: 24.959 ng
RT: 19.458 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:184 Resp: 12268

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	12.4	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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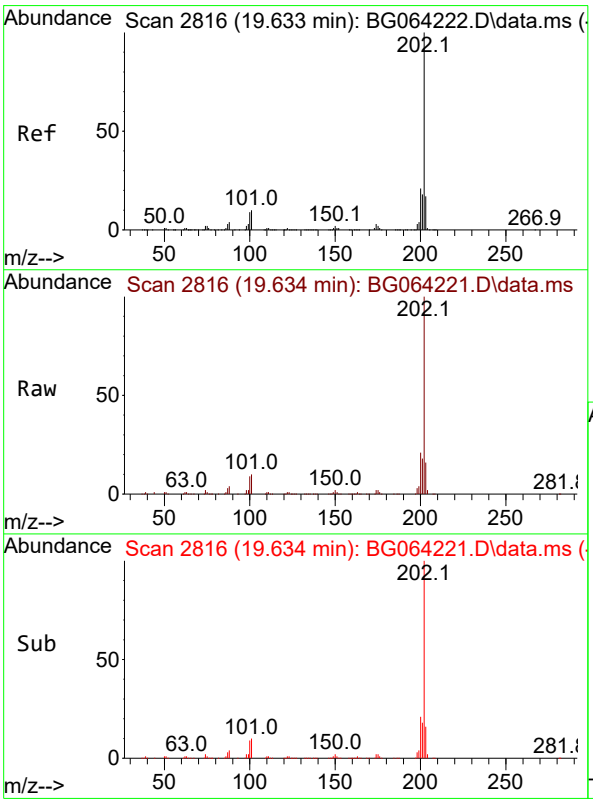
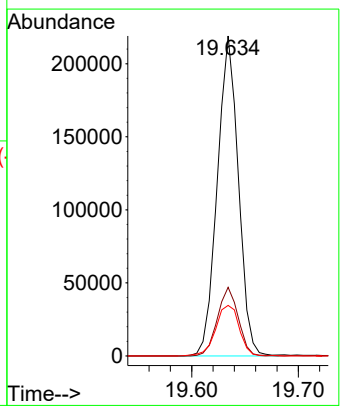
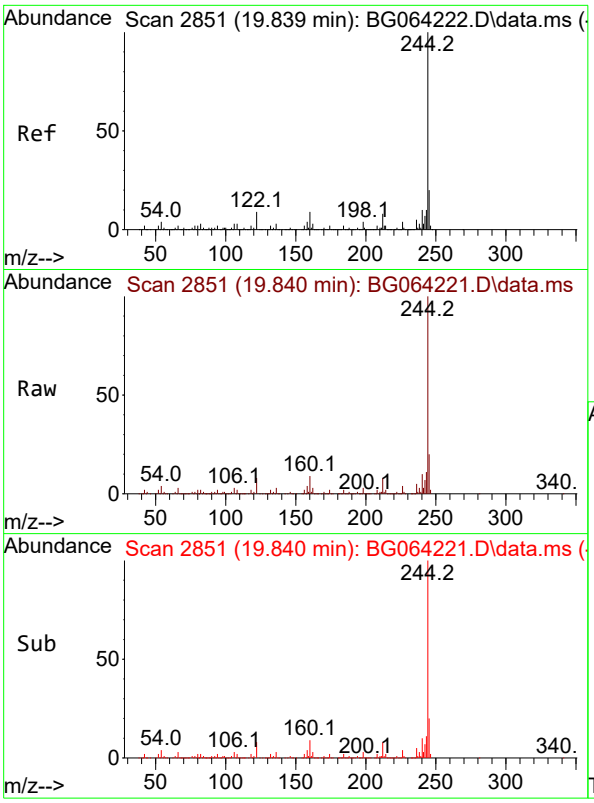


#78
Pyrene
Concen: 20.409 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:202 Resp: 300446

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	15.8	13.8	20.8

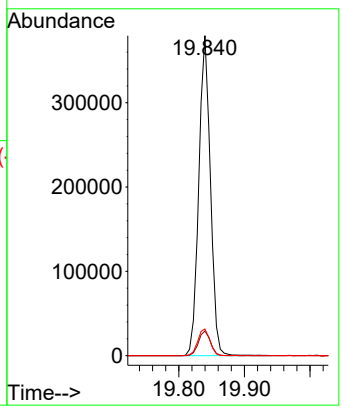




#79
Terphenyl-d14
Concen: 41.801 ng
RT: 19.840 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:244 Resp: 46816

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	8.3	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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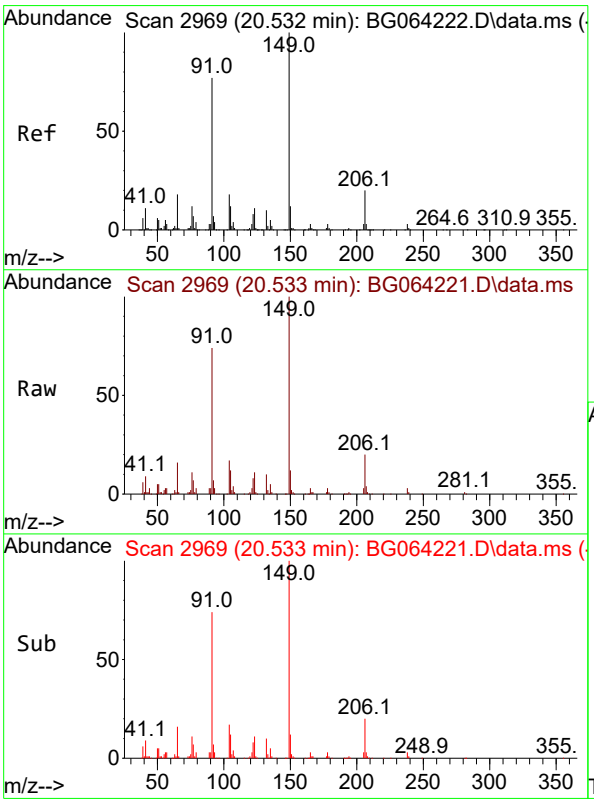
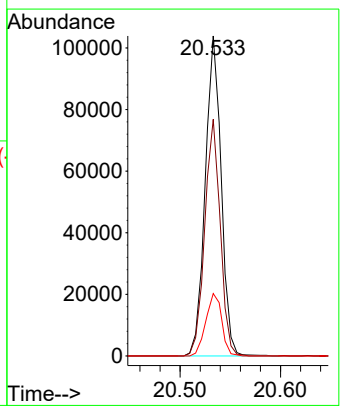
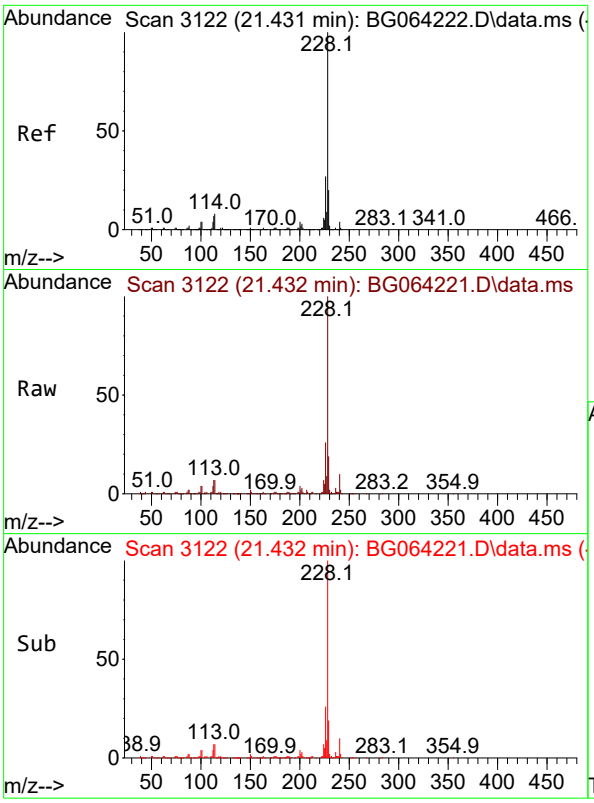


#80
Butylbenzylphthalate
Concen: 20.699 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 114931

Ion	Ratio	Lower	Upper
149	100		
91	74.0	61.4	92.0
206	19.5	15.8	23.6





#81
Benzo(a)anthracene
Concen: 20.506 ng
RT: 21.432 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 30655

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.5	15.9	23.9

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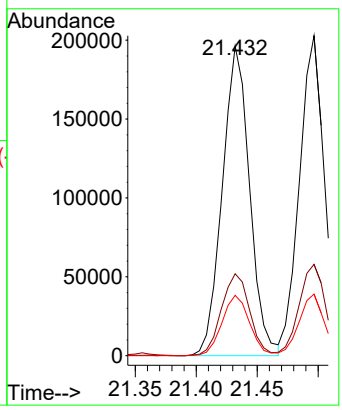
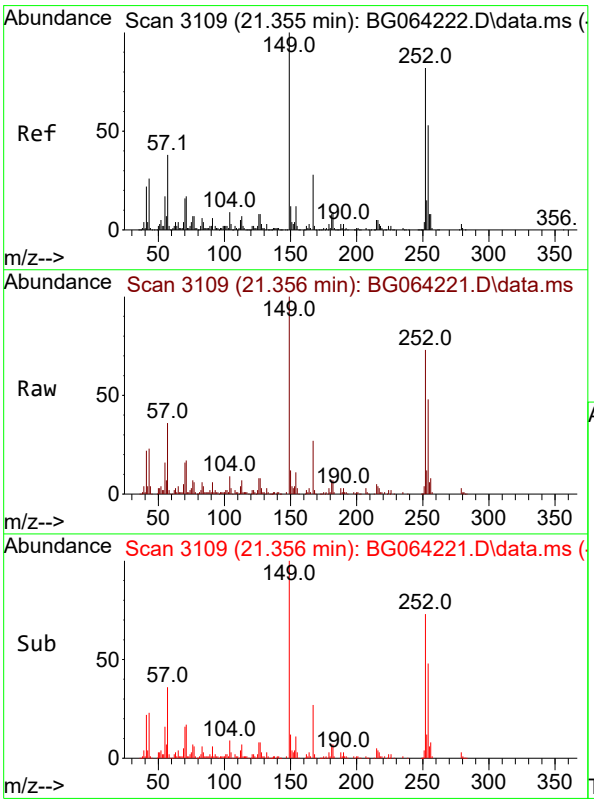
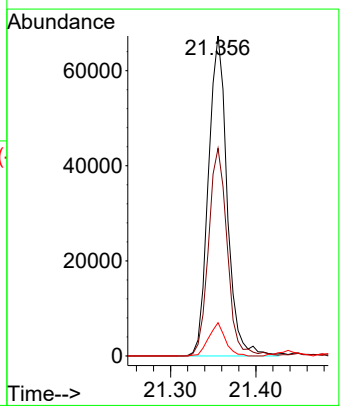


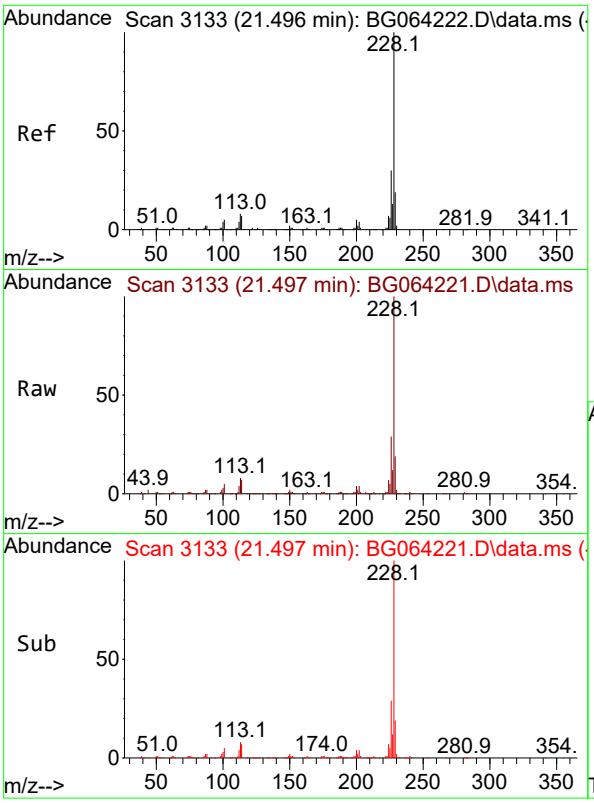


#82
3,3'-Dichlorobenzidine
Concen: 21.141 ng
RT: 21.356 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 102925

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.4	7.6	11.4

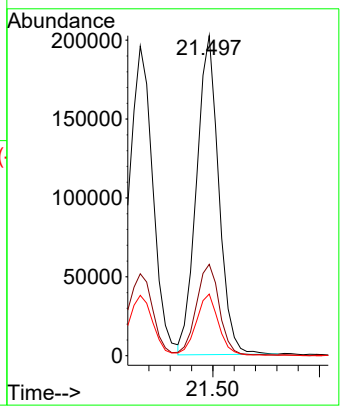




#83
Chrysene
Concen: 20.420 ng
RT: 21.497 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:228 Resp: 29305

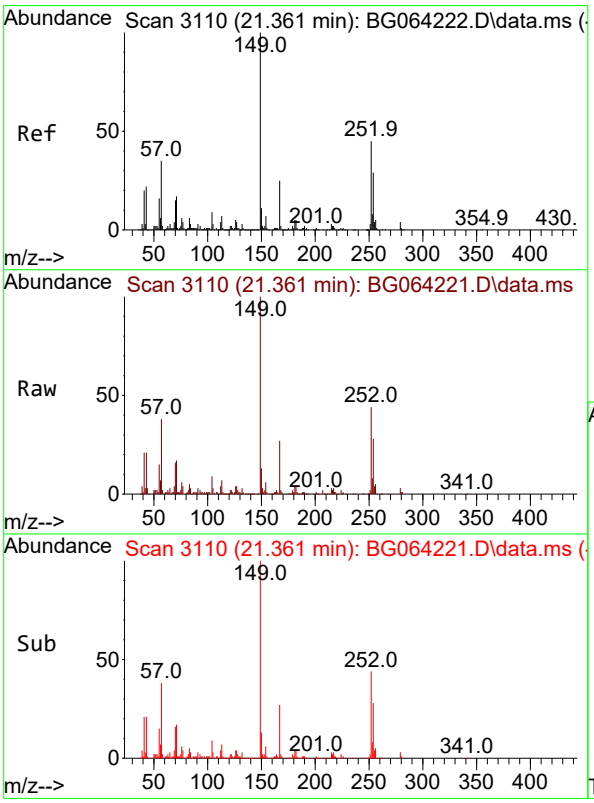
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	19.3	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

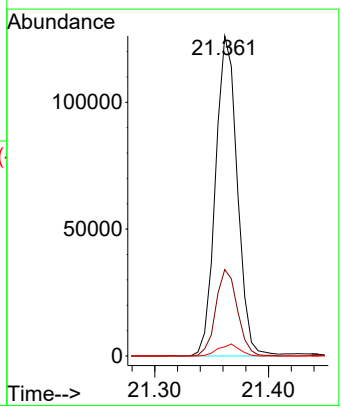
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

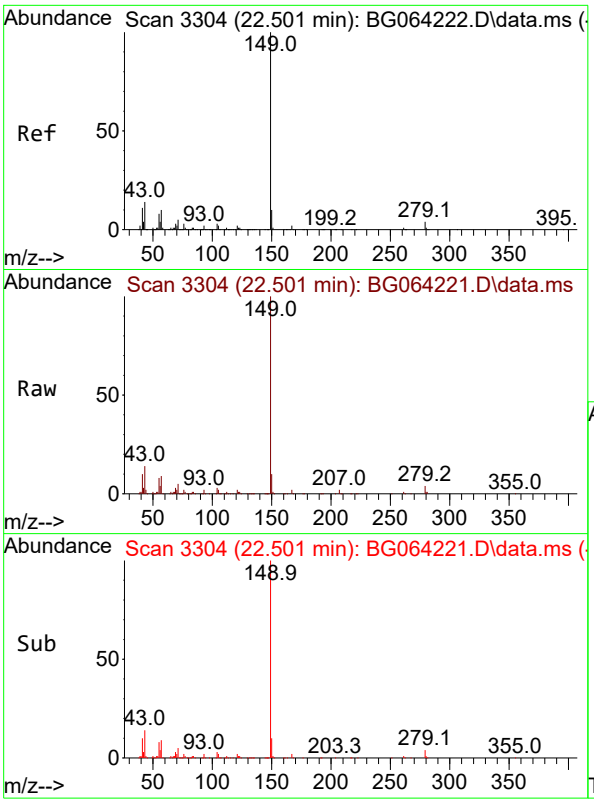


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.148 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 167957

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.0	30.0
279	2.9	3.0	4.4#

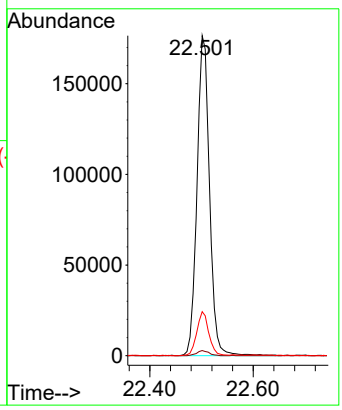




#85
Di-n-octyl phthalate
Concen: 20.362 ng
RT: 22.501 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 29576

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.3	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
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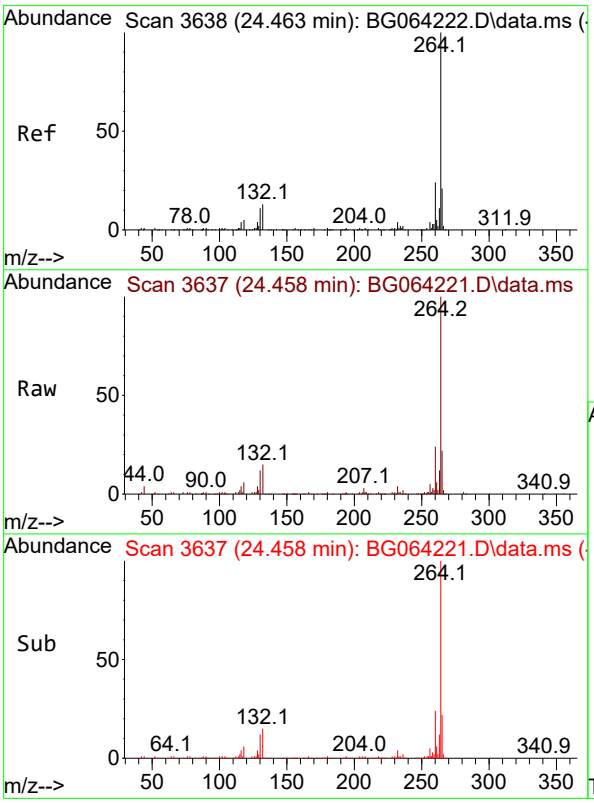
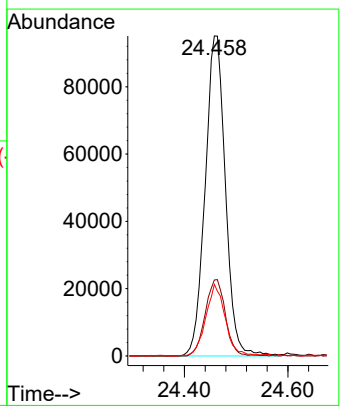
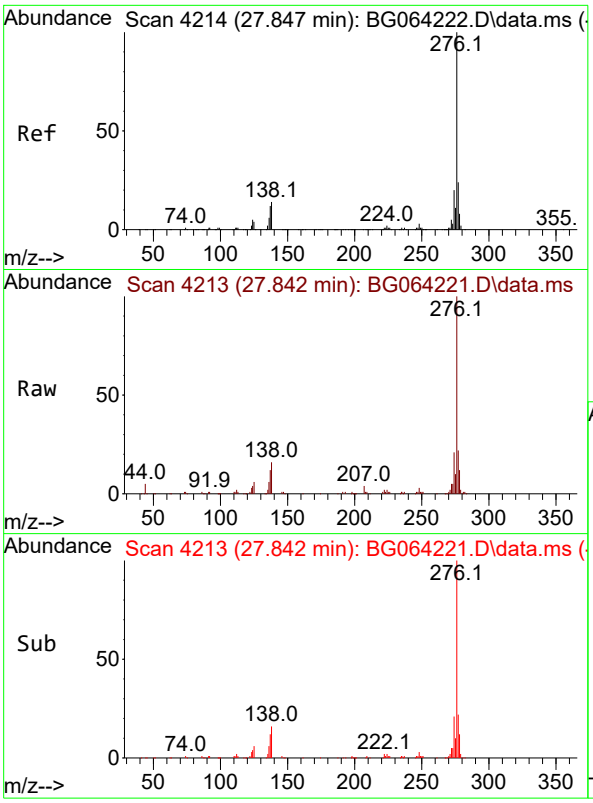


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:264 Resp: 258172

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.4	16.7	25.1

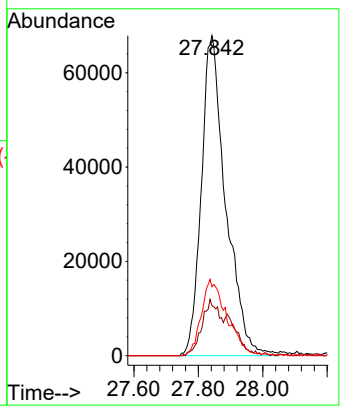




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.263 ng
RT: 27.842 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:276 Resp: 35725

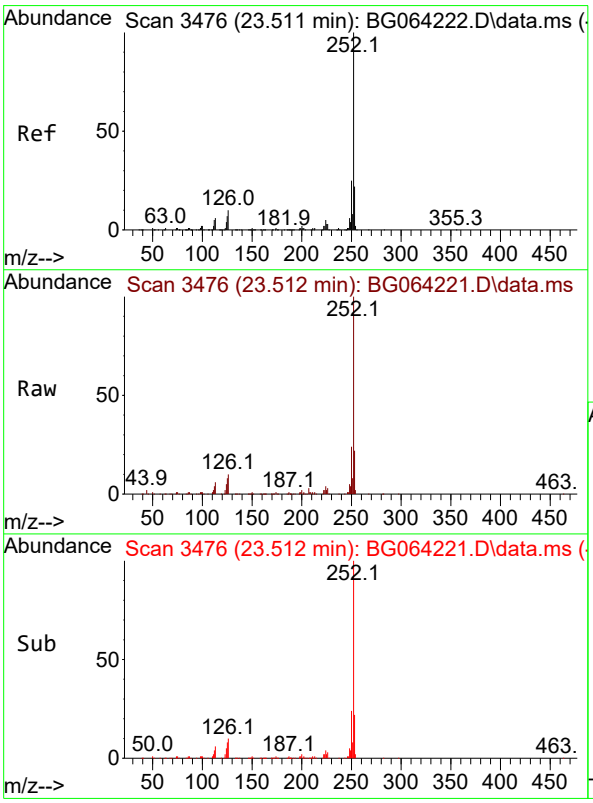
Ion	Ratio	Lower	Upper
276	100		
138	12.9	7.4	11.0
277	24.8	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

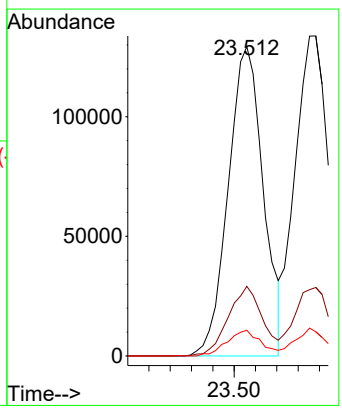
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

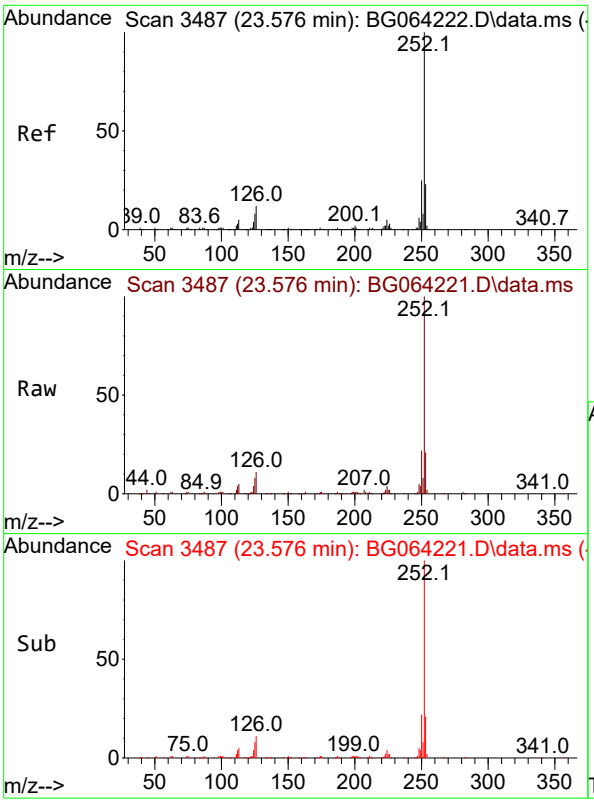


#88
Benzo(b)fluoranthene
Concen: 20.285 ng
RT: 23.512 min Scan# 3476
Delta R.T. -0.005 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 295568

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.3	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 20.492 ng
RT: 23.576 min Scan# 34
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 30419

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	7.5	7.0	10.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
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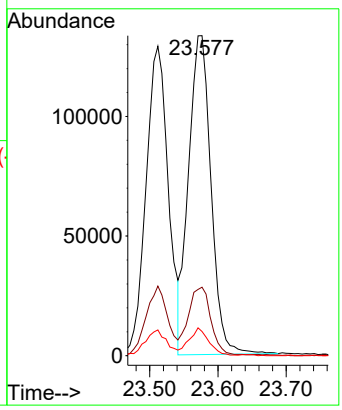
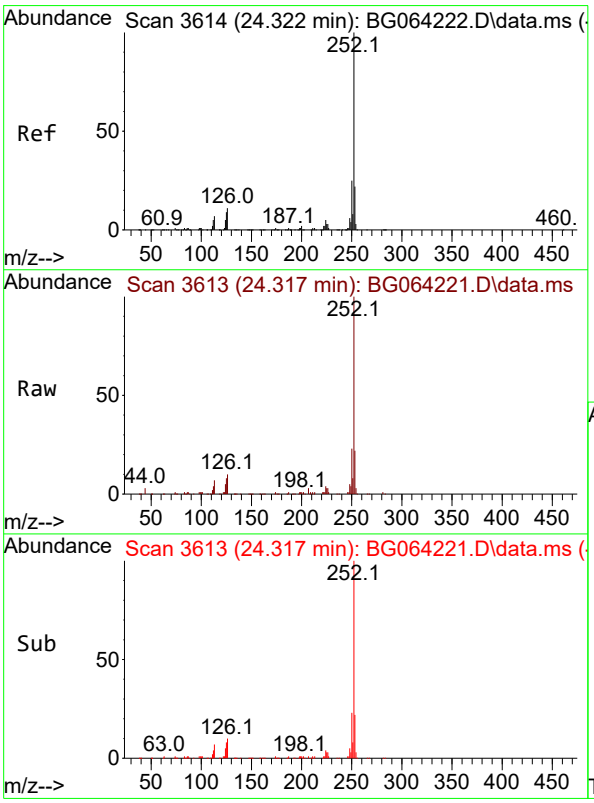
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

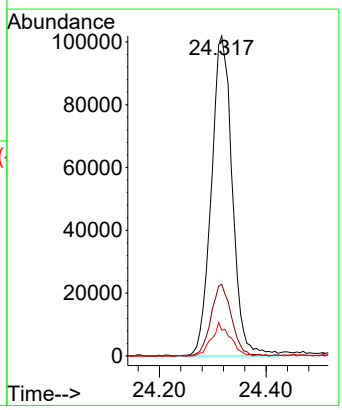


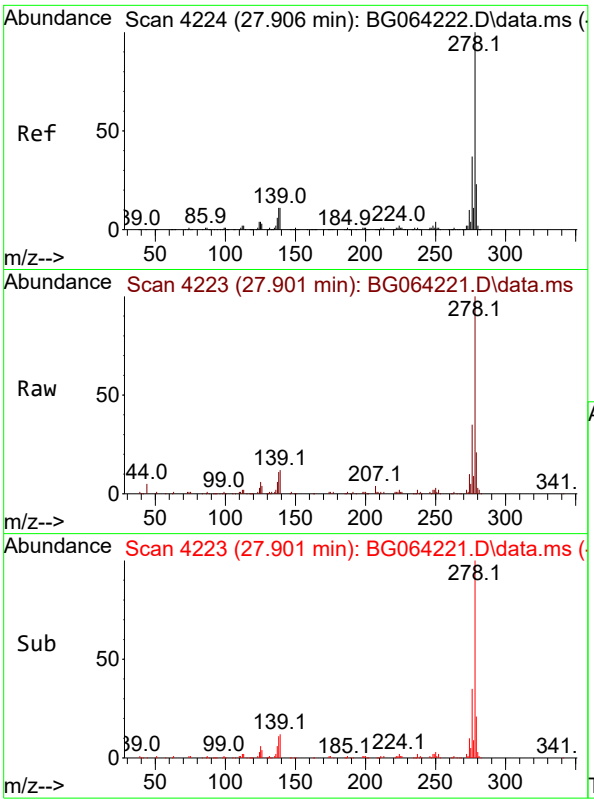


#90
Benzo(a)pyrene
Concen: 20.504 ng
RT: 24.317 min Scan# 3613
Delta R.T. -0.011 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 277917

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	8.0	7.0	10.6

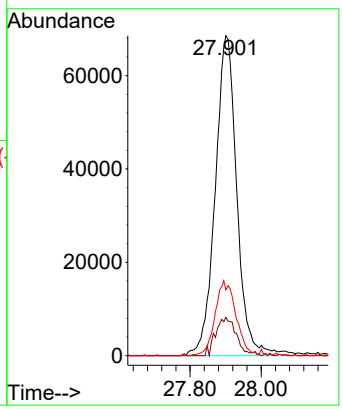




#91
Dibenzo(a,h)anthracene
Concen: 20.318 ng
RT: 27.901 min Scan# 4
Delta R.T. -0.023 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:278 Resp: 28762

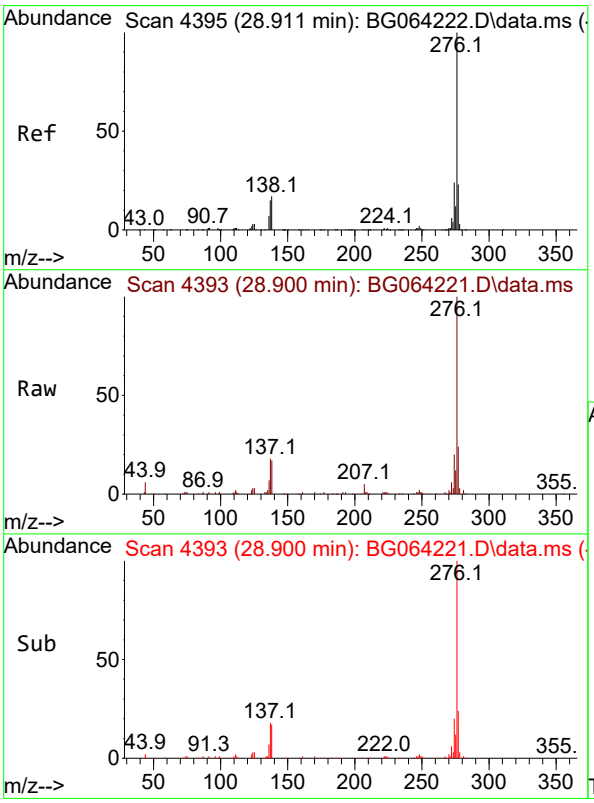
Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.0	13.4
279	20.6	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

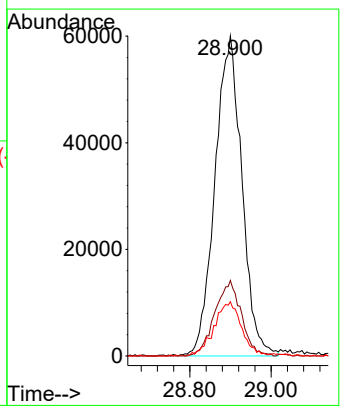
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 20.051 ng
RT: 28.900 min Scan# 4393
Delta R.T. -0.035 min
Lab File: BG064221.D
Acq: 28 Aug 2025 12:53

Tgt Ion:276 Resp: 276197

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.4
138	16.9	13.3	19.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26688	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	126200	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	90061	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	216625	20.000	ng	0.00
76) Chrysene-d12	21.455	240	230899	20.000	ng	0.00
86) Perylene-d12	24.463	264	249993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	117882	79.246	ng	0.00
7) Phenol-d6	7.025	99	161720	79.133	ng	0.00
23) Nitrobenzene-d5	9.010	82	184443	81.509	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	99487	83.399	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	478450	81.088	ng	0.00
79) Terphenyl-d14	19.839	244	905835	81.849	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	20648	33.302	ng	100
3) Pyridine	3.752	79	71416	39.129	ng	100
4) n-Nitrosodimethylamine	3.670	42	49194	40.750	ng	100
6) Aniline	7.183	93	113404	40.128	ng	100
8) 2-Chlorophenol	7.424	128	75709	41.650	ng	100
9) Benzaldehyde	6.995	77	73366	43.623	ng	100
10) Phenol	7.048	94	89064	39.529	ng	100
11) bis(2-Chloroethyl)ether	7.283	93	68380	40.387	ng	100
12) 1,3-Dichlorobenzene	7.747	146	78542	40.615	ng	100
13) 1,4-Dichlorobenzene	7.894	146	78264	40.101	ng	100
14) 1,2-Dichlorobenzene	8.206	146	75225	39.936	ng	100
15) Benzyl Alcohol	8.088	79	76134	40.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.376	45	154642	40.005	ng	100
17) 2-Methylphenol	8.294	107	67291	40.073	ng	100
18) Hexachloroethane	8.934	117	31114	40.841	ng	100
19) n-Nitroso-di-n-propyla...	8.664	70	64204	41.049	ng	100
20) 3+4-Methylphenols	8.623	107	90856	38.939	ng	100
22) Acetophenone	8.670	105	126717	39.689	ng	100
24) Nitrobenzene	9.052	77	97991	41.447	ng	100
25) Isophorone	9.575	82	188784	40.142	ng	100
26) 2-Nitrophenol	9.763	139	43222	42.309	ng	100
27) 2,4-Dimethylphenol	9.821	122	74893	41.756	ng	100
28) bis(2-Chloroethoxy)met...	10.056	93	104447	41.188	ng	100
29) 2,4-Dichlorophenol	10.291	162	78139	41.290	ng	100
30) 1,2,4-Trichlorobenzene	10.509	180	80502	40.344	ng	100
31) Naphthalene	10.697	128	261400	39.944	ng	100
32) Benzoic acid	9.956	122	60467m	42.471	ng	
33) 4-Chloroaniline	10.797	127	106157	41.854	ng	100
34) Hexachlorobutadiene	10.991	225	59902	40.612	ng	100
35) Caprolactam	11.572	113	31152	42.513	ng	100
36) 4-Chloro-3-methylphenol	11.925	107	99772	40.634	ng	100
37) 2-Methylnaphthalene	12.307	142	198855	40.881	ng	100
38) 1-Methylnaphthalene	12.524	142	195785	40.750	ng	100
40) 1,2,4,5-Tetrachloroben...	12.677	216	104909	40.372	ng	100
41) Hexachlorocyclopentadiene	12.659	237	49514	40.092	ng	100
43) 2,4,6-Trichlorophenol	12.912	196	71398	41.108	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	77976	41.387	ng	100
46) 1,1'-Biphenyl	13.317	154	269191	41.038	ng	100
47) 2-Chloronaphthalene	13.358	162	200412	40.640	ng	100
48) 2-Nitroaniline	13.558	65	73815	43.916	ng	100
49) Acenaphthylene	14.204	152	301771	41.396	ng	100
50) Dimethylphthalate	13.940	163	280002	41.075	ng	100
51) 2,6-Dinitrotoluene	14.052	165	58034	43.975	ng	100
52) Acenaphthene	14.545	154	212105	41.230	ng	100
53) 3-Nitroaniline	14.387	138	59560	43.085	ng	100
54) 2,4-Dinitrophenol	14.586	184	32082	40.231	ng	100
55) Dibenzofuran	14.880	168	330167	40.802	ng	100
56) 4-Nitrophenol	14.686	139	51577	45.484	ng	100
57) 2,4-Dinitrotoluene	14.839	165	87210	43.705	ng	100
58) Fluorene	15.526	166	275394	41.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.103	232	75450	41.637	ng	100
60) Diethylphthalate	15.309	149	304086	41.681	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	135998	41.127	ng	100
62) 4-Nitroaniline	15.544	138	63286	44.865	ng	100
63) Azobenzene	15.814	77	270729	41.635	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	51221	41.184	ng	100
66) n-Nitrosodiphenylamine	15.738	169	243339	40.835	ng	100
67) 4-Bromophenyl-phenylether	16.419	248	93326	40.562	ng	100
68) Hexachlorobenzene	16.531	284	98094	38.392	ng	100
69) Atrazine	16.690	200	103824	41.726	ng	100
70) Pentachlorophenol	16.872	266	66146	42.696	ng	100
71) Phenanthrene	17.265	178	469432	41.086	ng	100
72) Anthracene	17.354	178	481293	41.411	ng	100
73) Carbazole	17.624	167	434112	42.400	ng	100
74) Di-n-butylphthalate	18.194	149	524841	42.668	ng	100
75) Fluoranthene	19.275	202	565136	42.067	ng	100
77) Benzidine	19.457	184	205659	42.340	ng	100
78) Pyrene	19.633	202	601727	41.364	ng	100
80) Butylbenzylphthalate	20.532	149	228304	41.610	ng	100
81) Benzo(a)anthracene	21.431	228	598710	40.530	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	197938	41.144	ng	100
83) Chrysene	21.496	228	576127	40.625	ng	100
84) Bis(2-ethylhexyl)phtha...	21.361	149	338114	41.046	ng	100
85) Di-n-octyl phthalate	22.501	149	583481	40.652	ng	100
87) Indeno(1,2,3-cd)pyrene	27.847	276	699504	40.973	ng	100
88) Benzo(b)fluoranthene	23.511	252	587871	41.666	ng	100
89) Benzo(k)fluoranthene	23.576	252	570589	39.695	ng	100
90) Benzo(a)pyrene	24.322	252	541764	41.278	ng	100
91) Dibenzo(a,h)anthracene	27.906	278	567245	41.382	ng	100
92) Benzo(g,h,i)perylene	28.911	276	541401	40.590	ng	100

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

ICAL Form

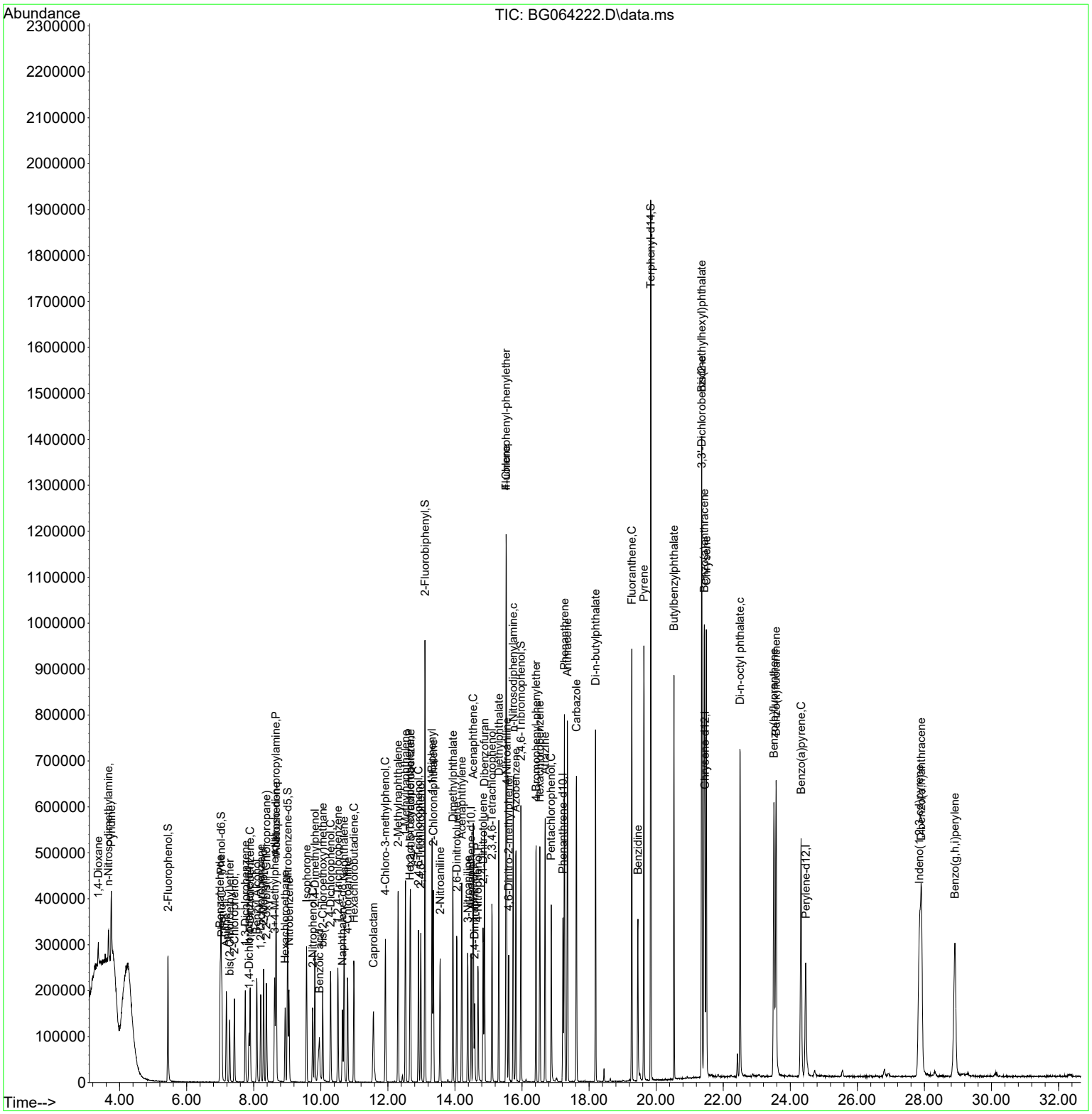
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

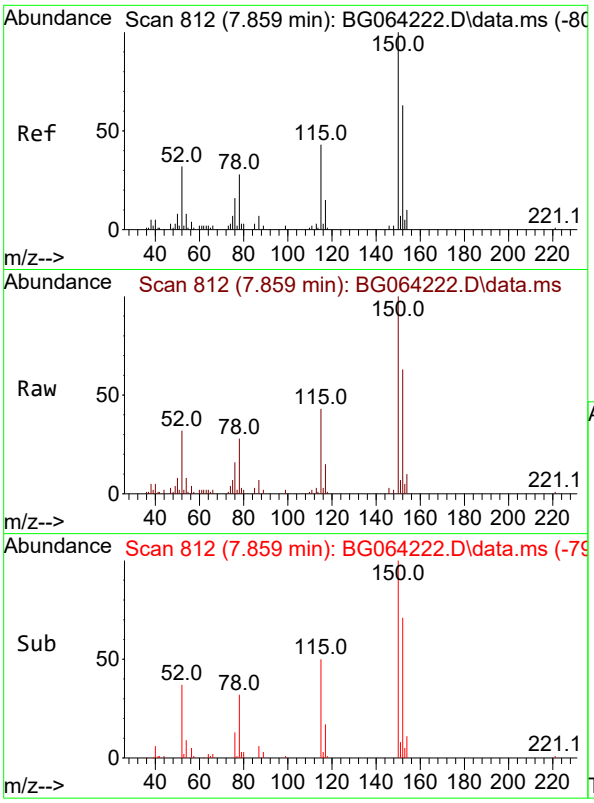
Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

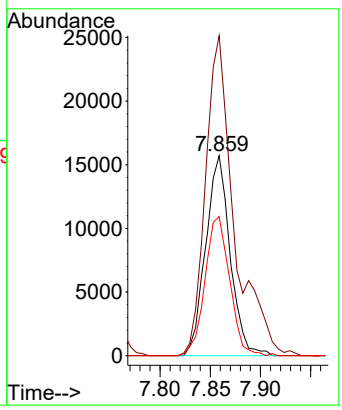




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:152 Resp: 2668

Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.0	192.0
115	69.6	55.7	83.5



Instrument :
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ClientSampleId :
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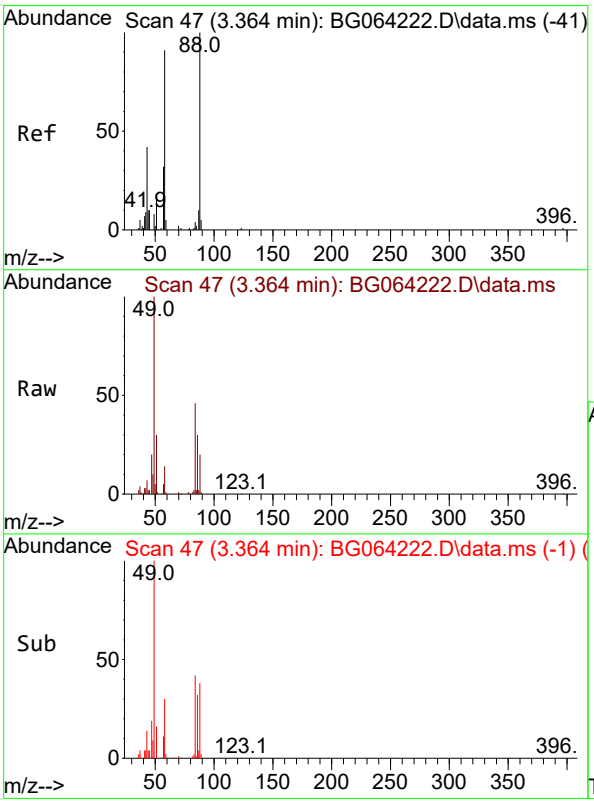
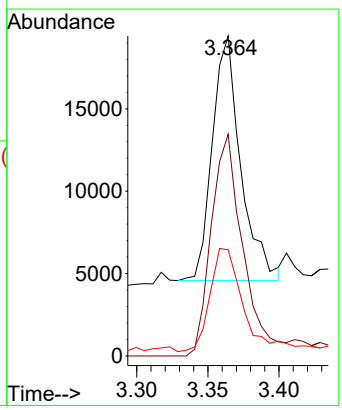
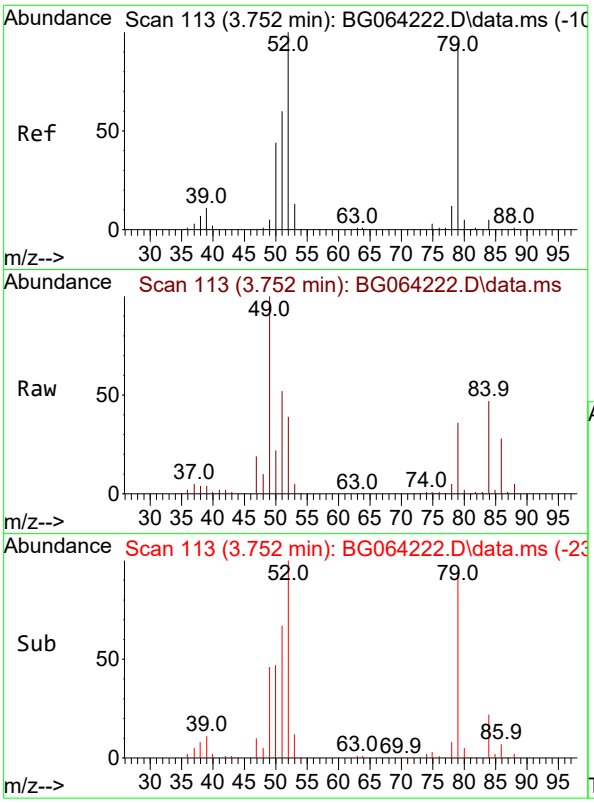


#2
1,4-Dioxane
Concen: 33.302 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 88 Resp: 20648

Ion	Ratio	Lower	Upper
88	100		
58	101.0	80.8	121.2
43	50.4	40.3	60.5





#3
Pyridine
Concen: 39.129 ng
RT: 3.752 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 79 Resp: 7141

Ion	Ratio	Lower	Upper
79	100		
52	108.2	86.6	129.8
51	142.6	114.1	171.1

Instrument :
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ClientSampleId :
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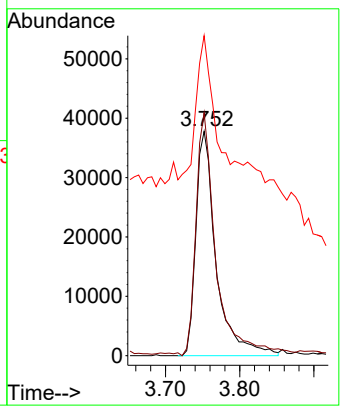
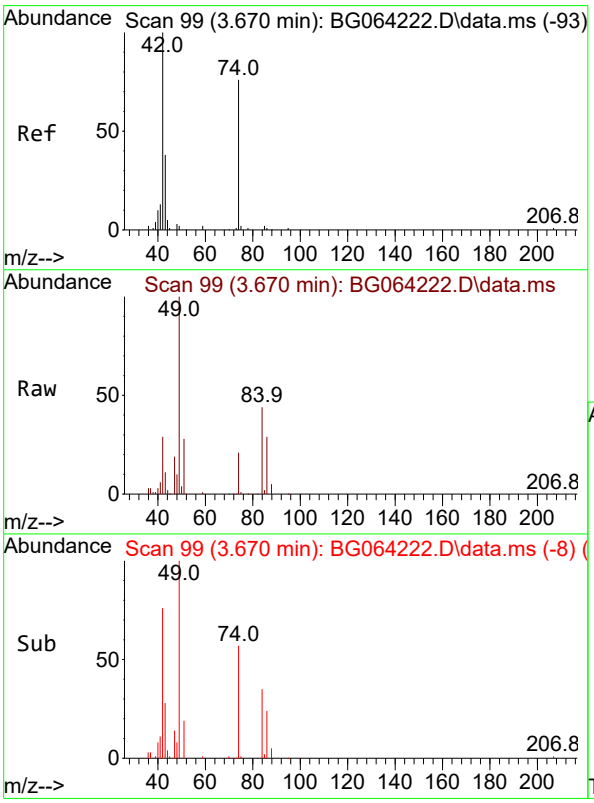
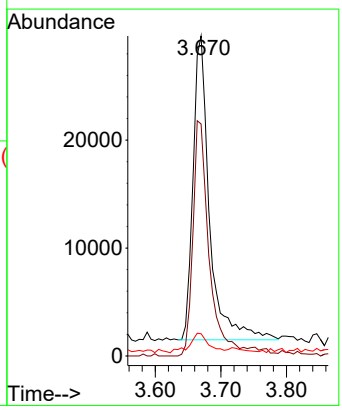


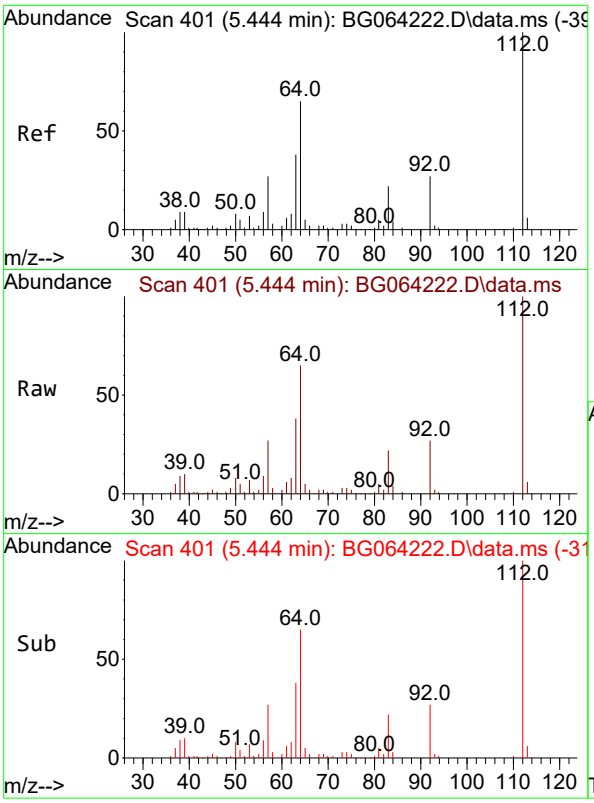


#4
n-Nitrosodimethylamine
Concen: 40.750 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 42 Resp: 49194

Ion	Ratio	Lower	Upper
42	100		
74	72.5	58.0	87.0
44	6.9	5.5	8.3

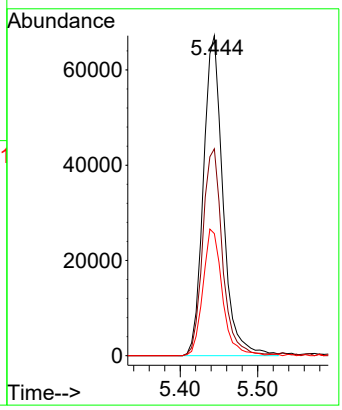




#5
2-Fluorophenol
Concen: 79.246 ng
RT: 5.444 min Scan# 4
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:112 Resp: 11788

Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.8	77.6
63	38.2	30.6	45.8



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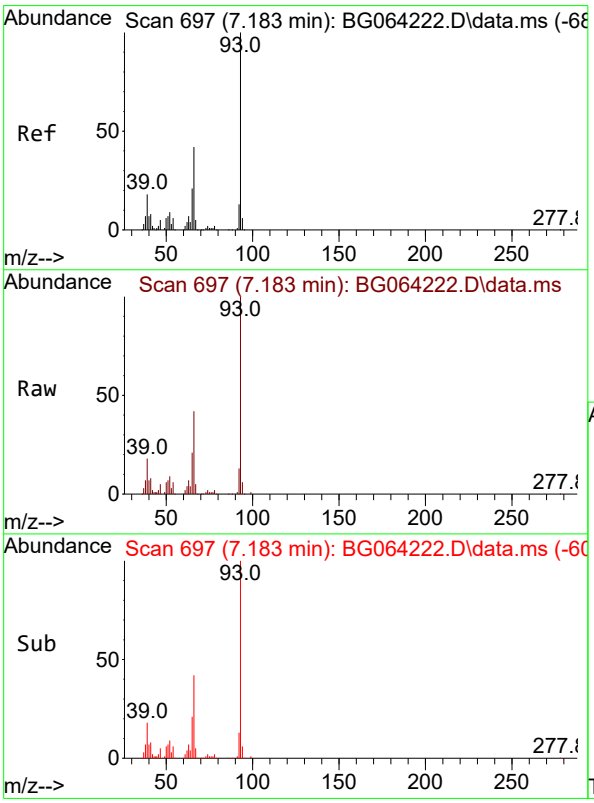
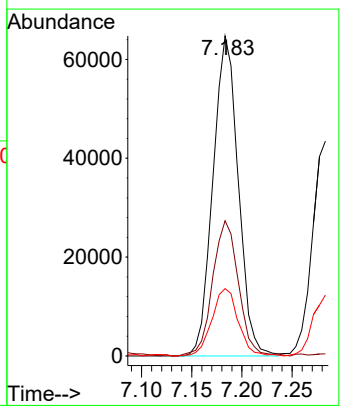
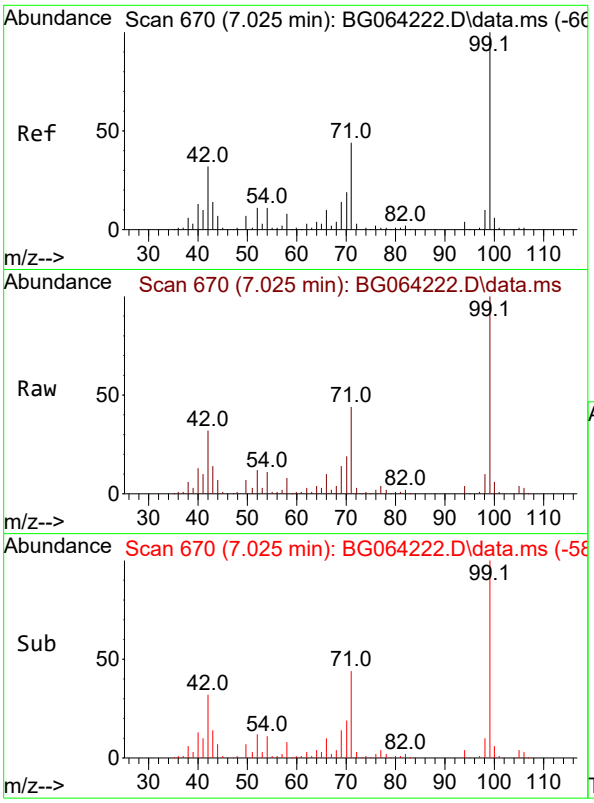


#6
Aniline
Concen: 40.128 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 113404

Ion	Ratio	Lower	Upper
93	100		
66	42.3	33.8	50.8
65	21.1	16.9	25.3

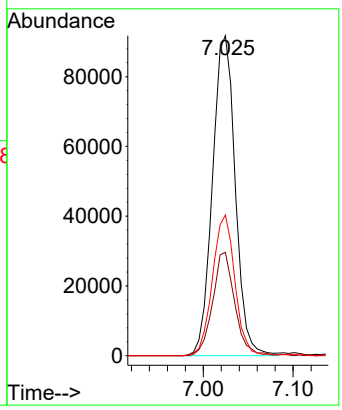




#7
Phenol-d6
Concen: 79.133 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 99 Resp: 16172

Ion	Ratio	Lower	Upper
99	100		
42	32.3	25.8	38.8
71	44.0	35.2	52.8



Instrument :
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ClientSampleId :
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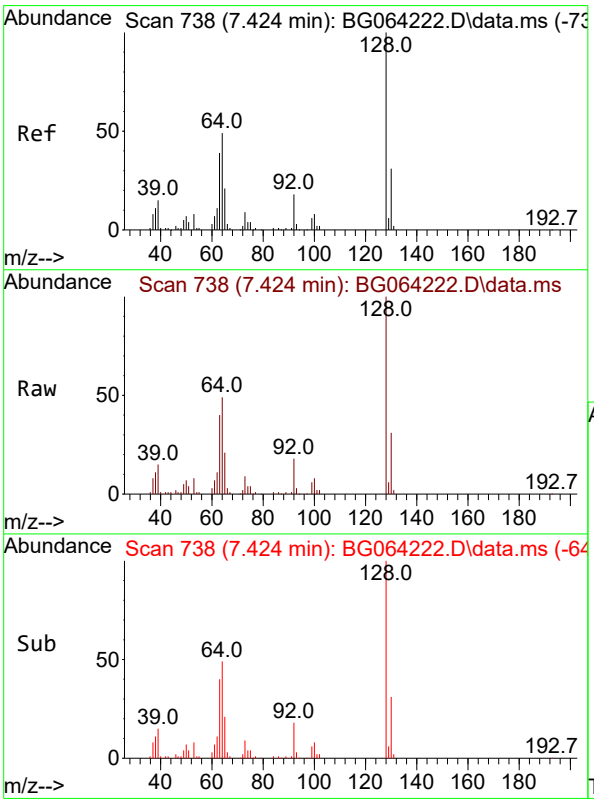
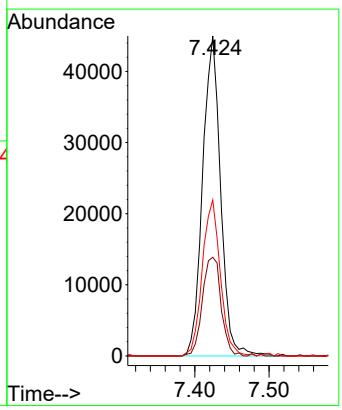
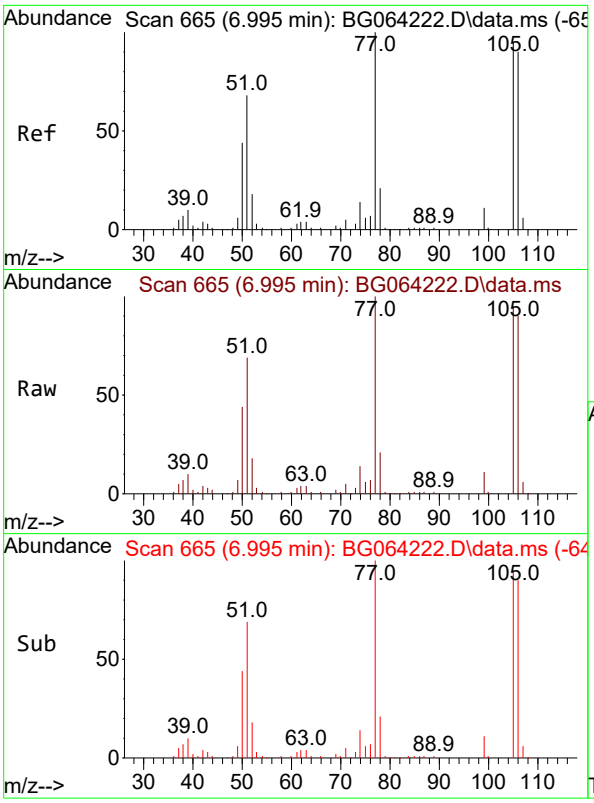


#8
2-Chlorophenol
Concen: 41.650 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:128 Resp: 75709

Ion	Ratio	Lower	Upper
128	100		
130	30.9	10.9	50.9
64	48.7	28.7	68.7





#9
Benzaldehyde
Concen: 43.623 ng
RT: 6.995 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 77 Resp: 7336

Ion	Ratio	Lower	Upper
77	100		
105	95.2	75.2	115.2
106	89.6	69.6	109.6

Instrument :
BNA_G
ClientSampleId :
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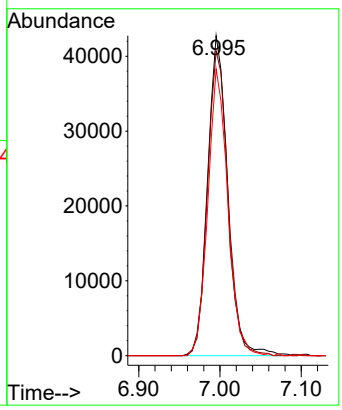
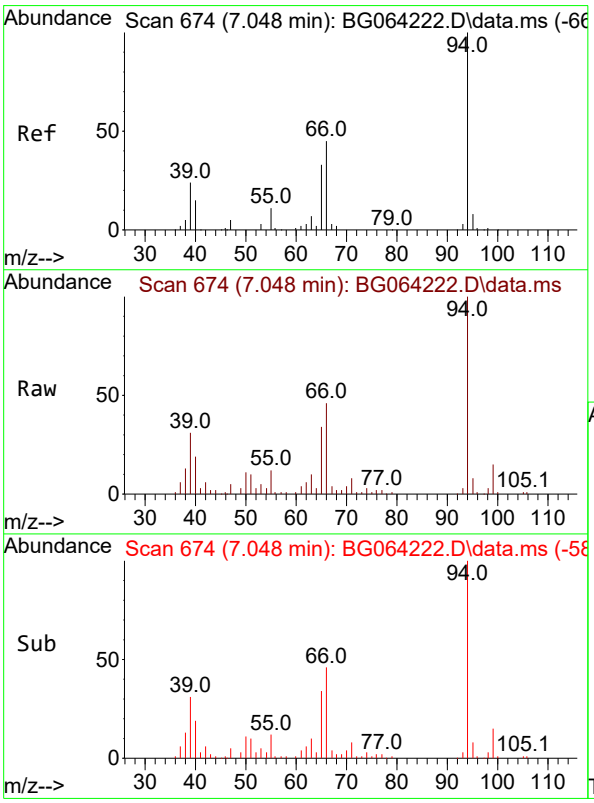
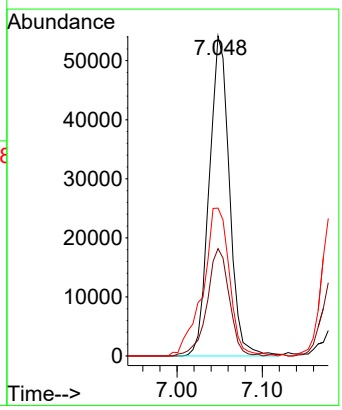


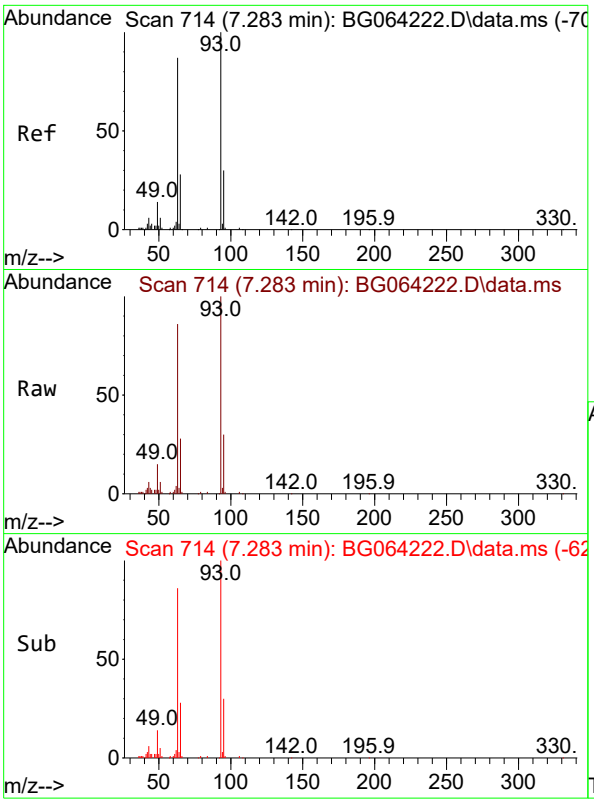


#10
Phenol
Concen: 39.529 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 94 Resp: 89064

Ion	Ratio	Lower	Upper
94	100		
65	33.5	13.5	53.5
66	46.2	26.2	66.2

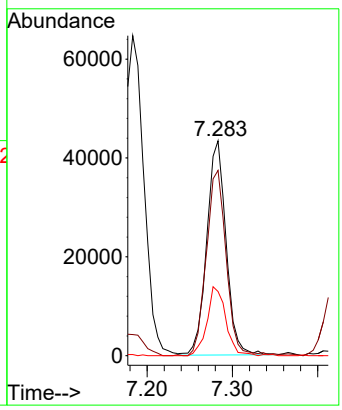




#11
bis(2-Chloroethyl)ether
Concen: 40.387 ng
RT: 7.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 6838

Ion	Ratio	Lower	Upper
93	100		
63	86.2	66.2	106.2
95	29.8	9.8	49.8



Instrument :
BNA_G
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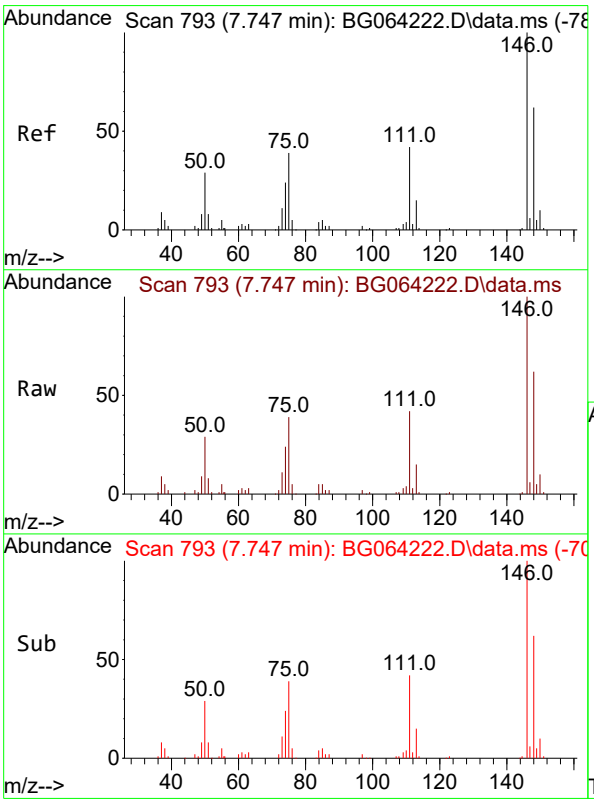
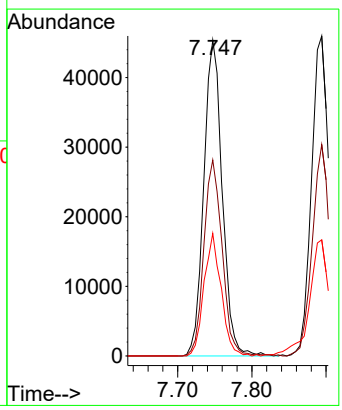
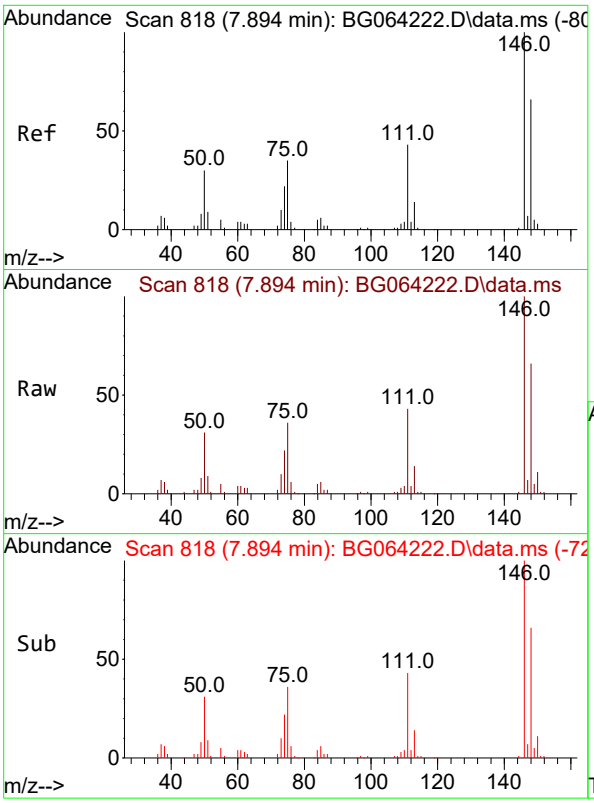


#12
1,3-Dichlorobenzene
Concen: 40.615 ng
RT: 7.747 min Scan# 793
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:146 Resp: 78542

Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.6	74.4
75	38.8	31.0	46.6

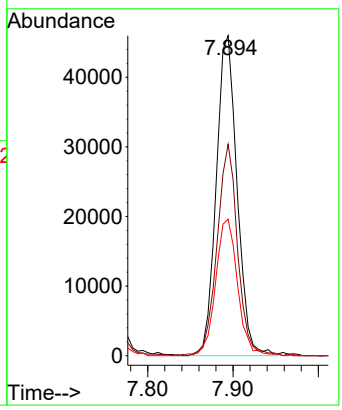




#13
1,4-Dichlorobenzene
Concen: 40.101 ng
RT: 7.894 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:146 Resp: 7826

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.8	79.2
111	42.6	34.1	51.1



Instrument :
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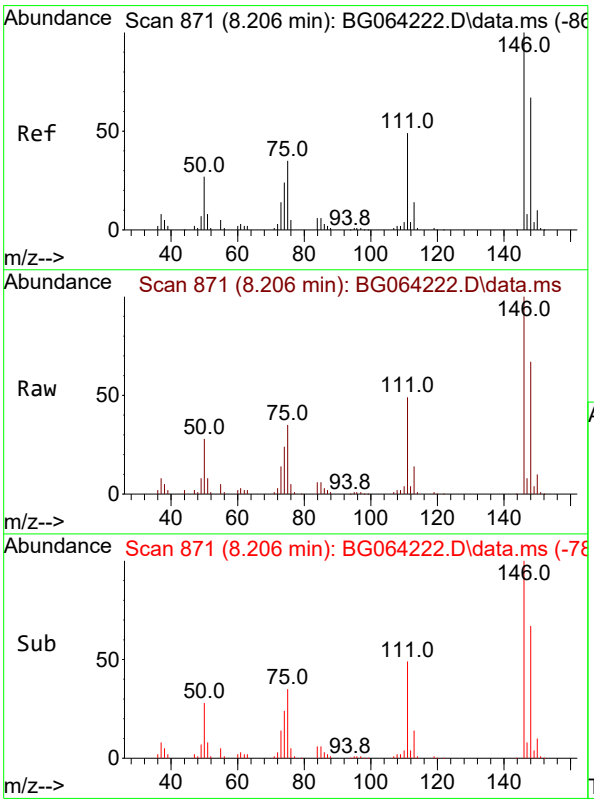
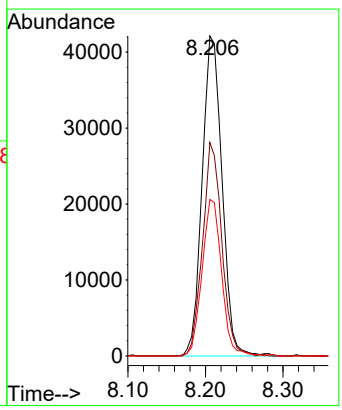
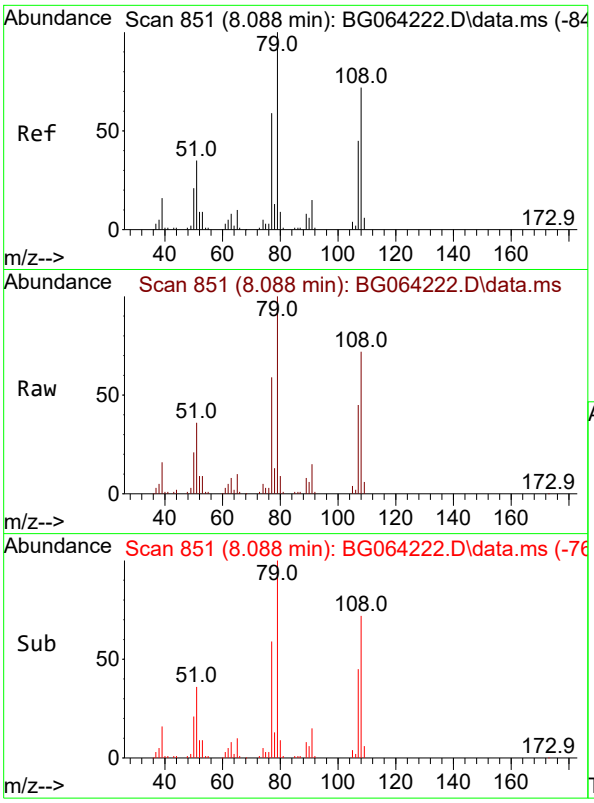


#14
1,2-Dichlorobenzene
Concen: 39.936 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:146 Resp: 75225

Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.4	80.0
111	48.9	39.1	58.7





#15
Benzyl Alcohol
Concen: 40.370 ng
RT: 8.088 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 79 Resp: 7613

Ion	Ratio	Lower	Upper
79	100		
108	71.7	57.4	86.0
77	59.0	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
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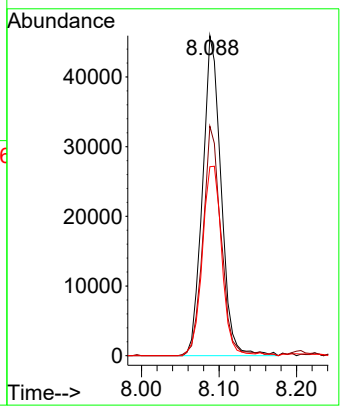
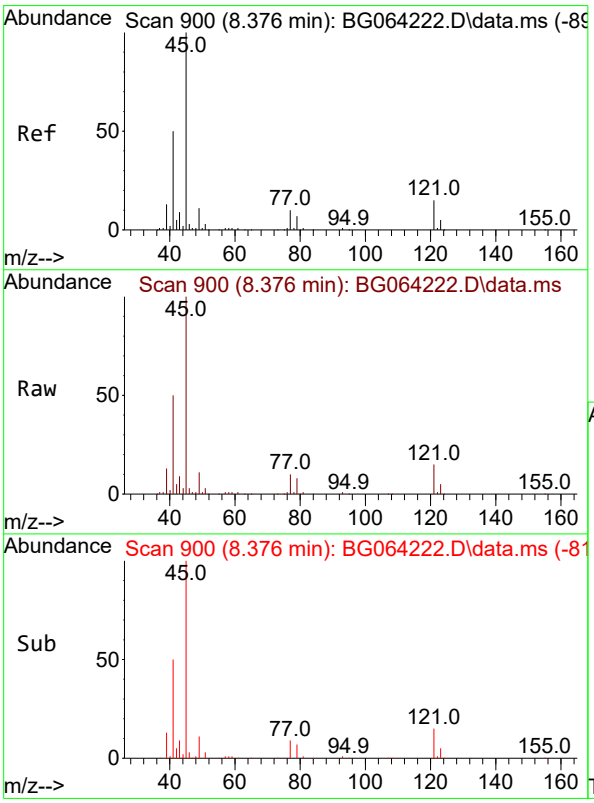
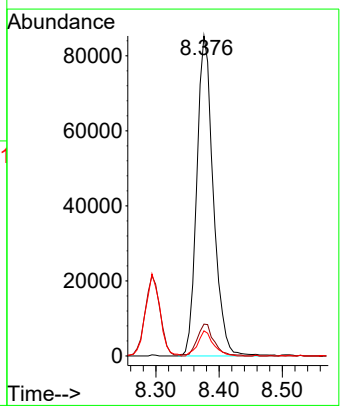


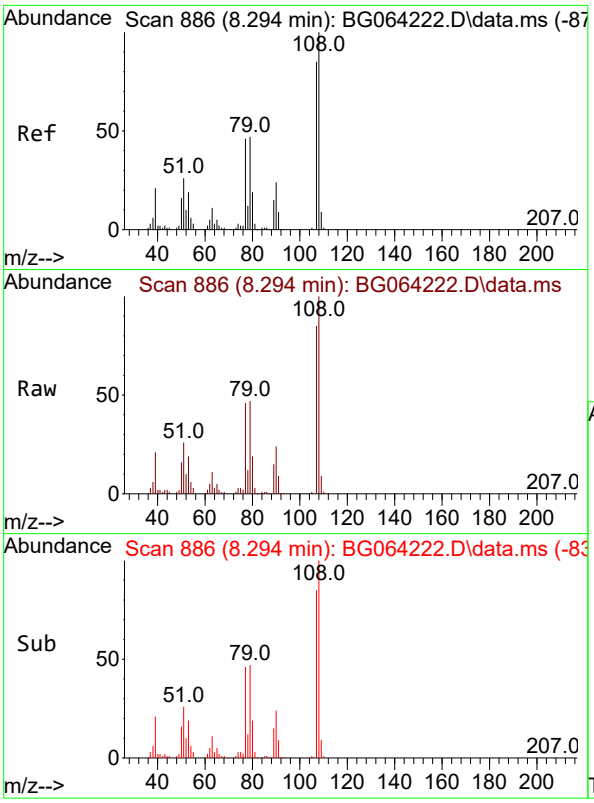


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.005 ng
RT: 8.376 min Scan# 900
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 45 Resp: 154642

Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.0
79	7.9	0.0	27.9

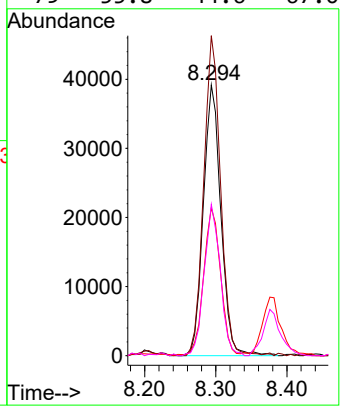




#17
2-Methylphenol
Concen: 40.073 ng
RT: 8.294 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:107 Resp: 6729

Ion	Ratio	Lower	Upper
107	100		
108	118.2	94.6	141.8
77	54.6	43.7	65.5
79	55.8	44.6	67.0



Instrument :
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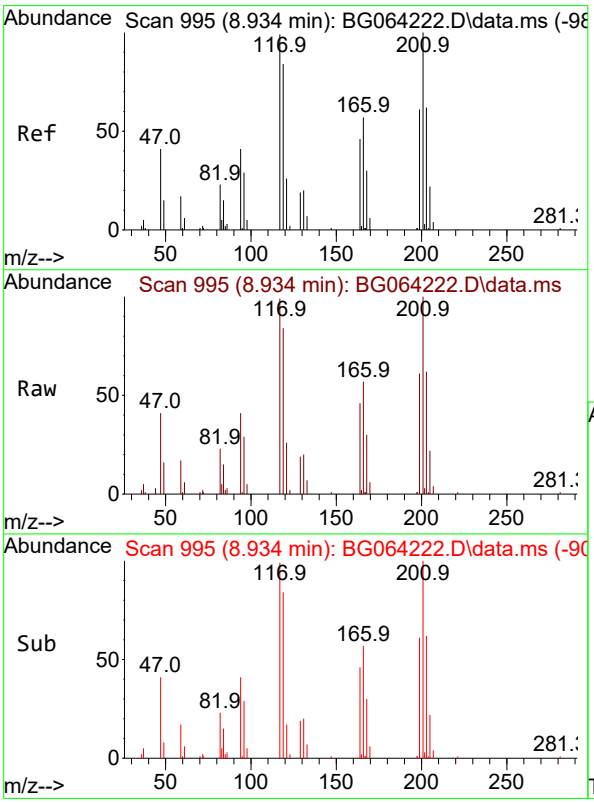
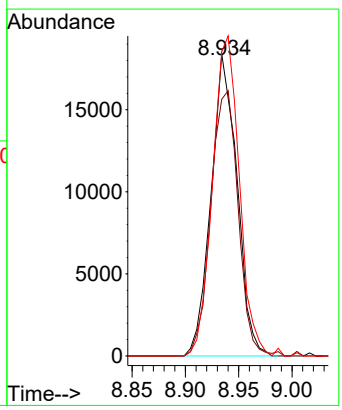
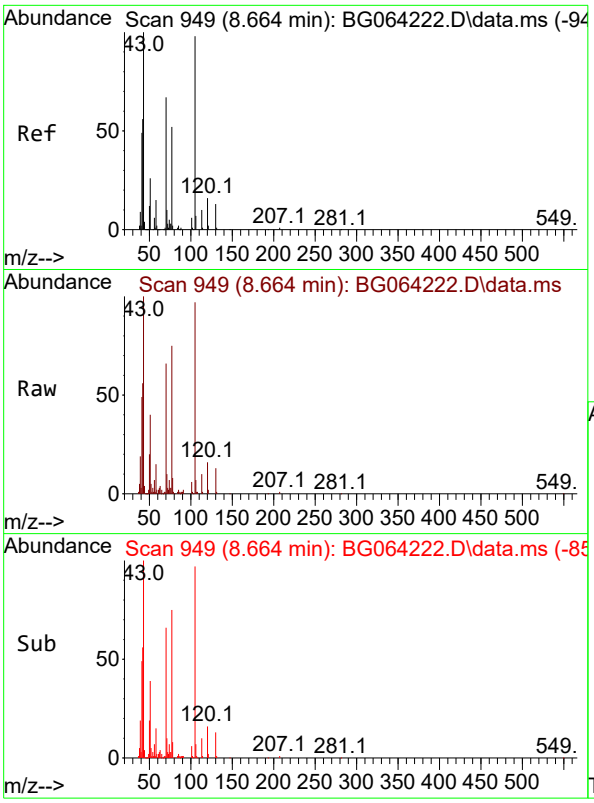


#18
Hexachloroethane
Concen: 40.841 ng
RT: 8.934 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:117 Resp: 31114

Ion	Ratio	Lower	Upper
117	100		
119	84.9	67.9	101.9
201	100.6	80.5	120.7

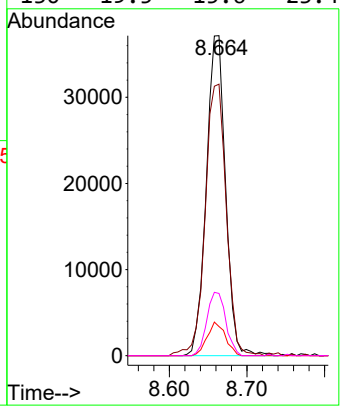




#19
n-Nitroso-di-n-propylamine
Concen: 41.049 ng
RT: 8.664 min Scan# 94
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 70 Resp: 6420

Ion	Ratio	Lower	Upper
70	100		
42	84.9	67.9	101.9
101	9.1	7.3	10.9
130	19.5	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
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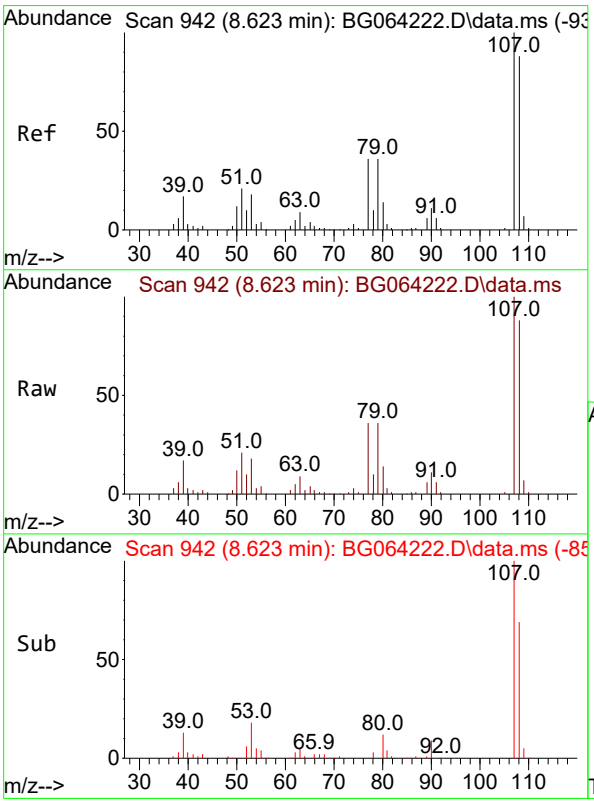
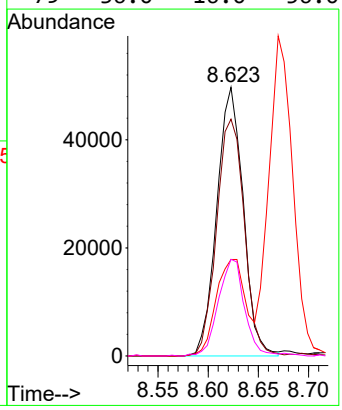
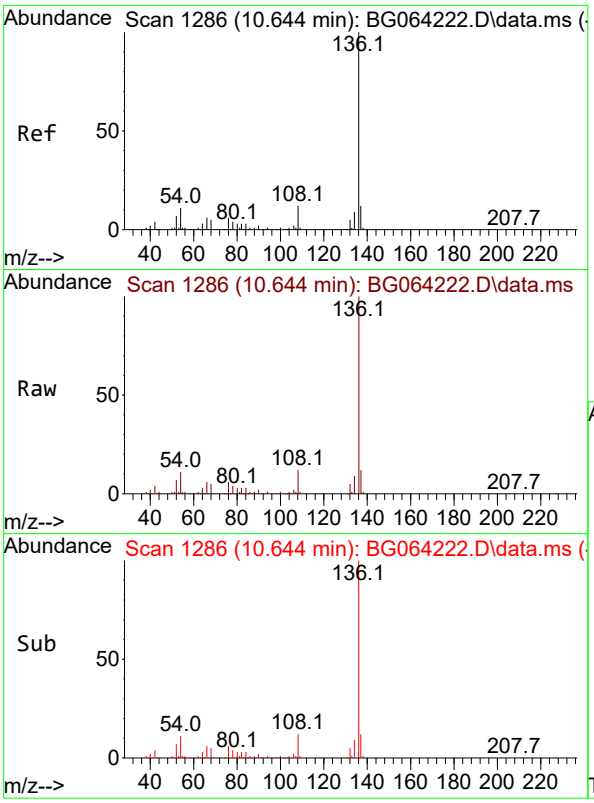


#20
3+4-Methylphenols
Concen: 38.939 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:107 Resp: 90856

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.1	108.1
77	35.9	15.9	55.9
79	36.0	16.0	56.0

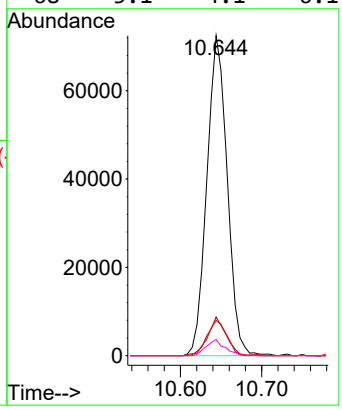




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:136 Resp: 12620

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	11.0	8.8	13.2
68	5.1	4.1	6.1



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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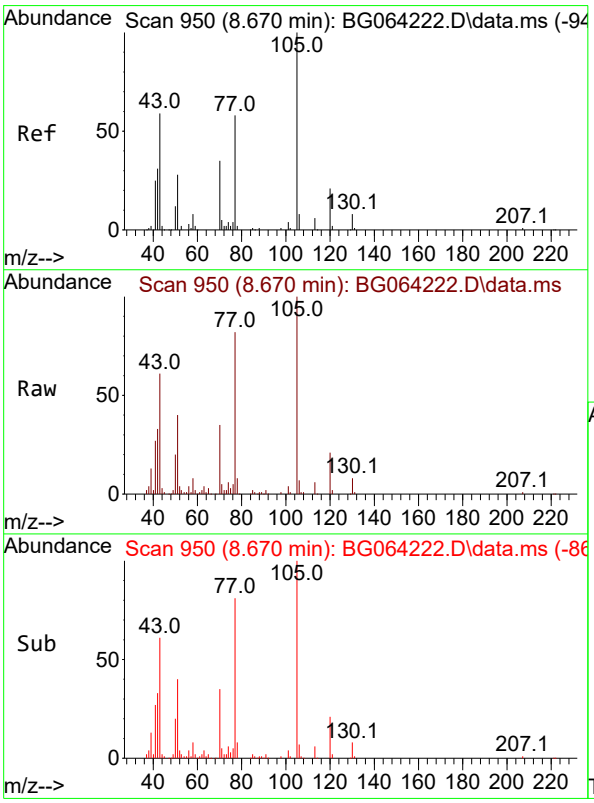
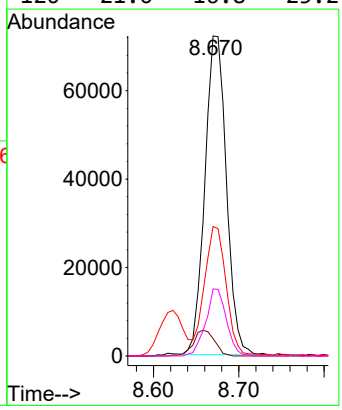
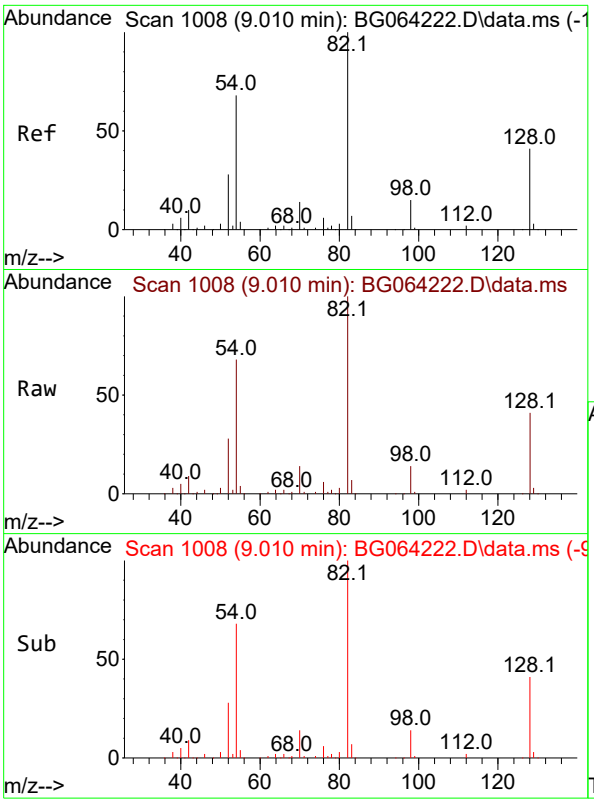


#22
Acetophenone
Concen: 39.689 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:105 Resp: 126717

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.3	6.5
51	40.5	32.4	48.6
120	21.0	16.8	25.2

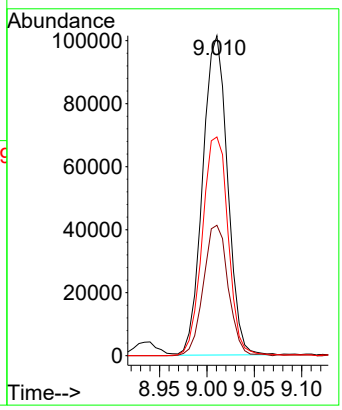




#23
Nitrobenzene-d5
Concen: 81.509 ng
RT: 9.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 82 Resp: 18444

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	48.8
54	68.4	54.7	82.1



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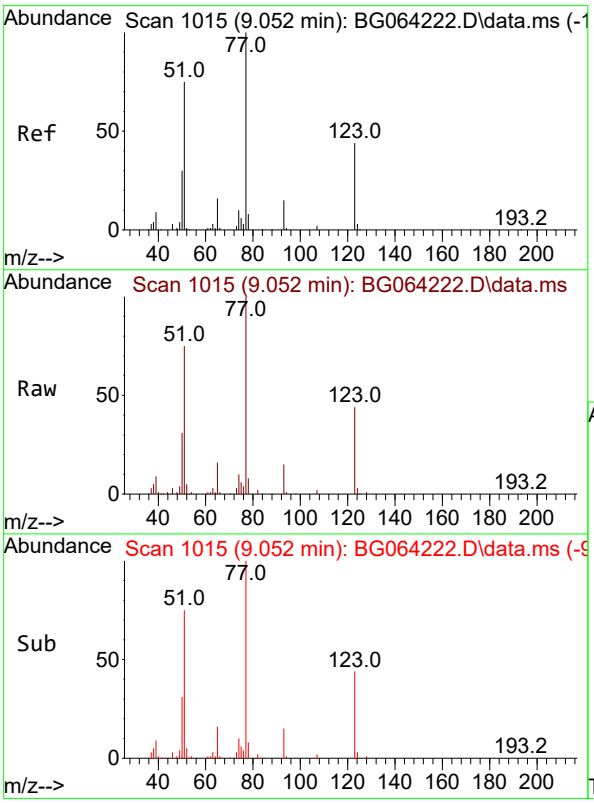
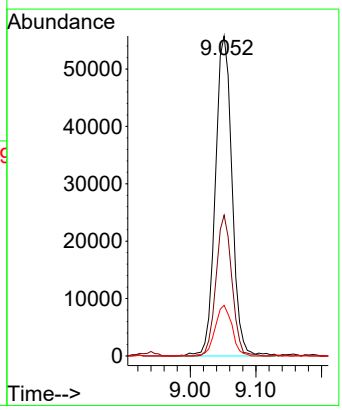
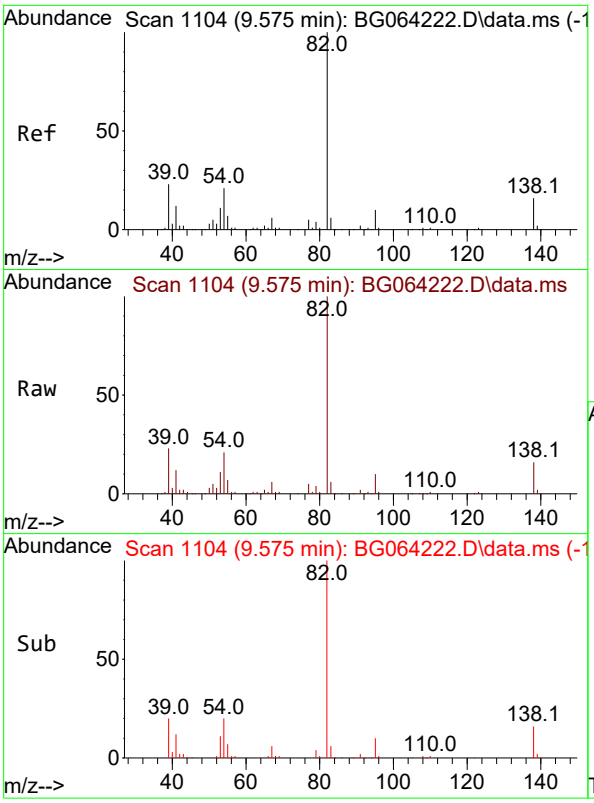


#24
Nitrobenzene
Concen: 41.447 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 77 Resp: 97991

Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.2	52.8
65	15.8	12.6	19.0

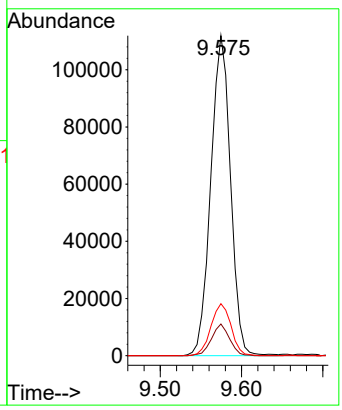




#25
Isophorone
Concen: 40.142 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 82 Resp: 18878

Ion	Ratio	Lower	Upper
82	100		
95	9.9	7.9	11.9
138	16.2	13.0	19.4



Instrument :
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ClientSampleId :
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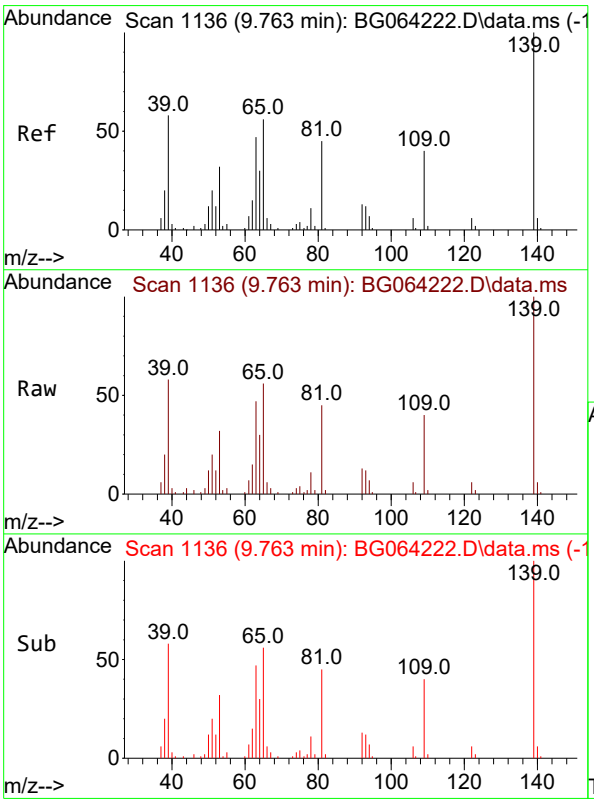
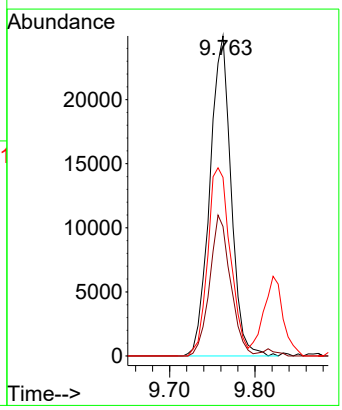
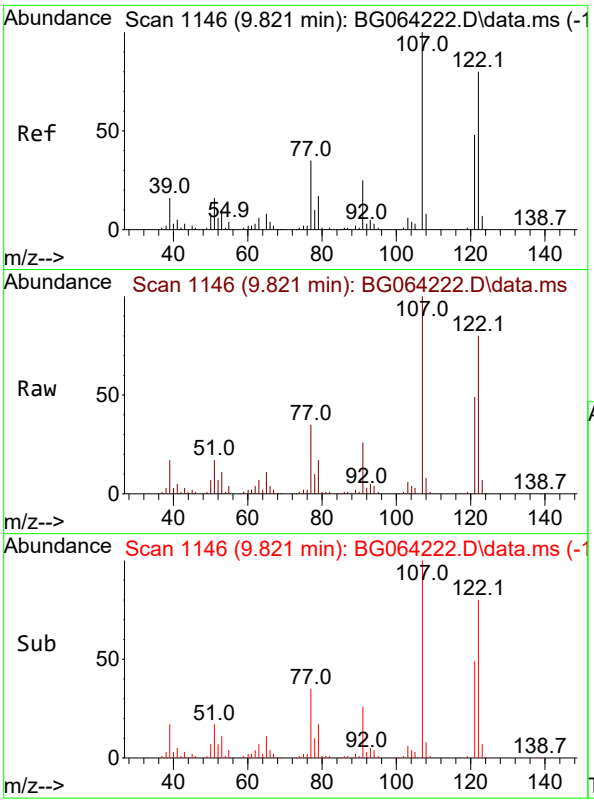


#26
2-Nitrophenol
Concen: 42.309 ng
RT: 9.763 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 43222

Ion	Ratio	Lower	Upper
139	100		
109	40.5	32.4	48.6
65	55.8	44.6	67.0

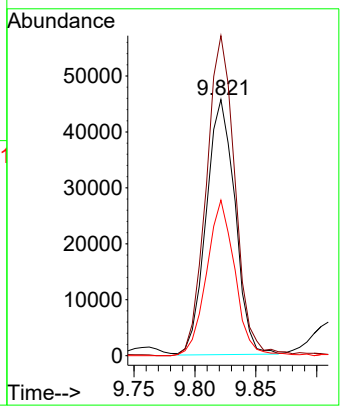




#27
2,4-Dimethylphenol
Concen: 41.756 ng
RT: 9.821 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:122 Resp: 7489

Ion	Ratio	Lower	Upper
122	100		
107	124.9	99.9	149.9
121	60.7	48.6	72.8



Instrument :
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ClientSampleId :
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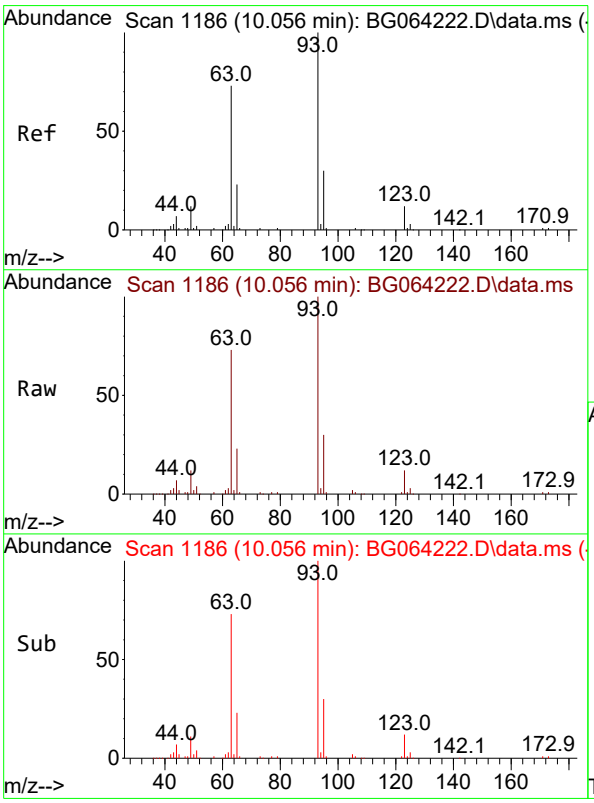
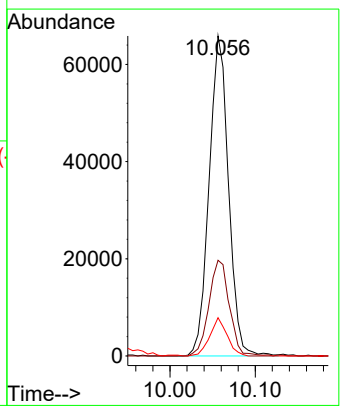
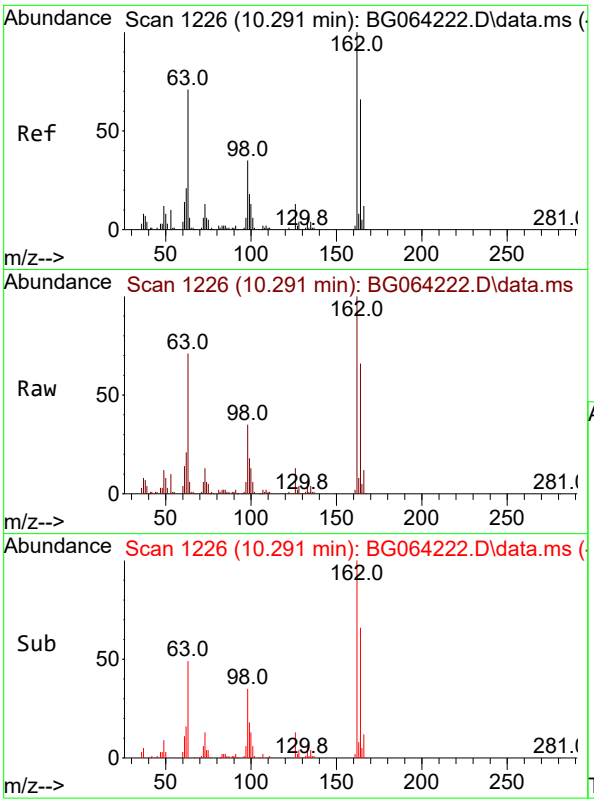


#28
bis(2-Chloroethoxy)methane
Concen: 41.188 ng
RT: 10.056 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 104447

Ion	Ratio	Lower	Upper
93	100		
95	29.9	23.9	35.9
123	12.0	9.6	14.4

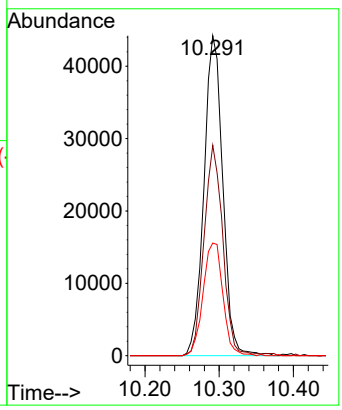




#29
2,4-Dichlorophenol
Concen: 41.290 ng
RT: 10.291 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:162 Resp: 7813

Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.8	85.8
98	35.2	15.2	55.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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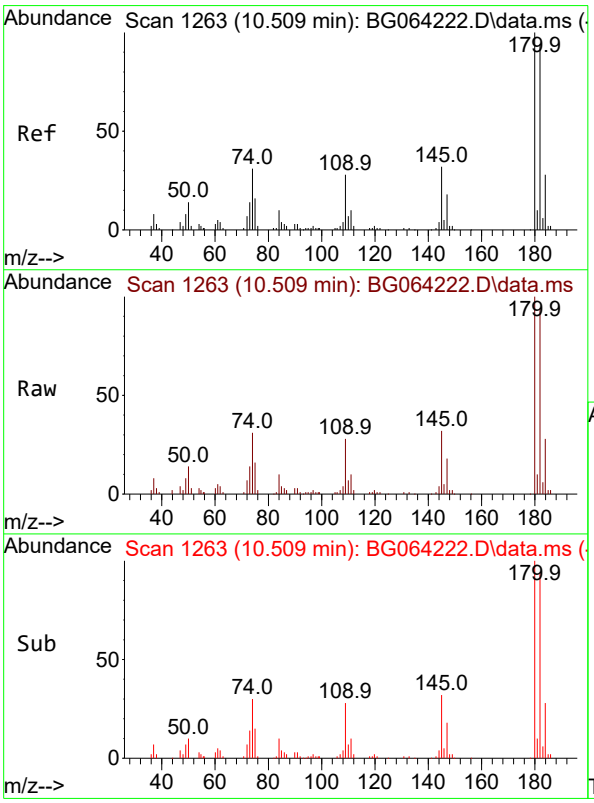
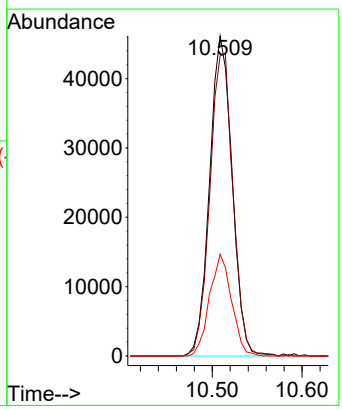
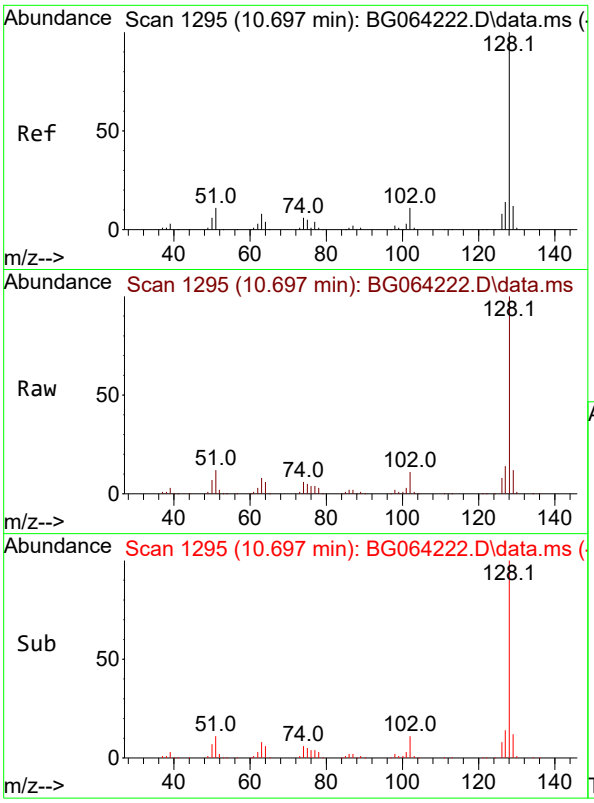


#30
1,2,4-Trichlorobenzene
Concen: 40.344 ng
RT: 10.509 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:180 Resp: 80502

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	31.7	25.4	38.0

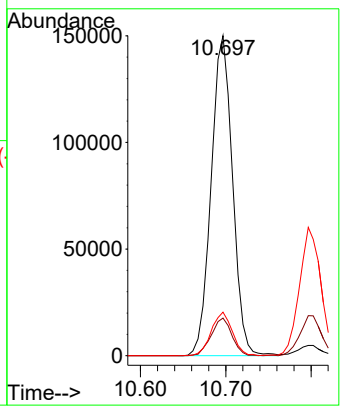




#31
Naphthalene
Concen: 39.944 ng
RT: 10.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:128 Resp: 26140

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.6	10.9	16.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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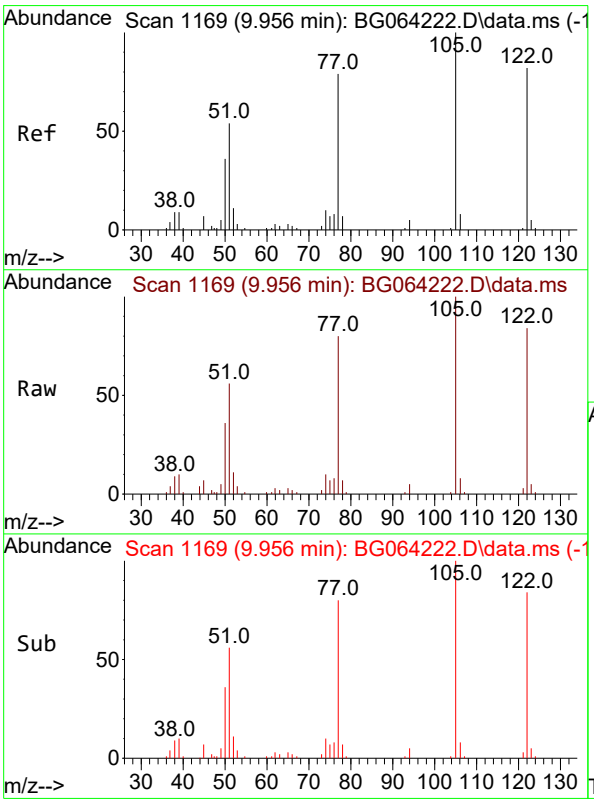
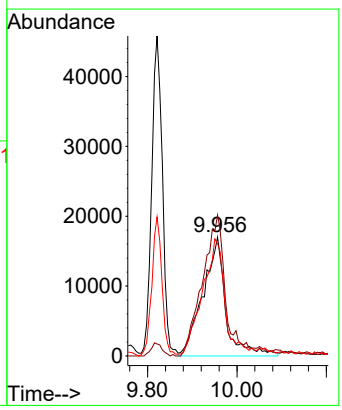
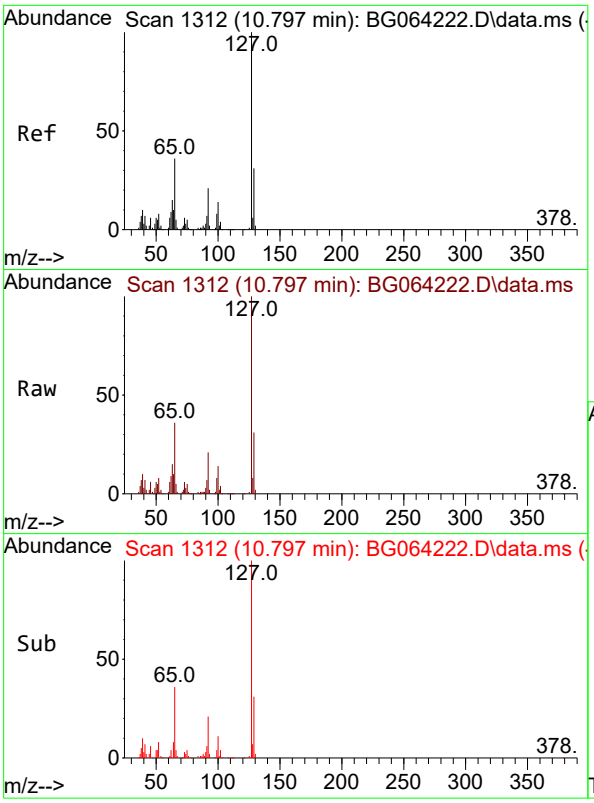


#32
Benzoic acid
Concen: 42.471 ng m
RT: 9.956 min Scan# 1169
Delta R.T. -0.059 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:122 Resp: 60467

Ion	Ratio	Lower	Upper
122	100		
105	118.5	98.5	138.5
77	94.6	74.6	114.6

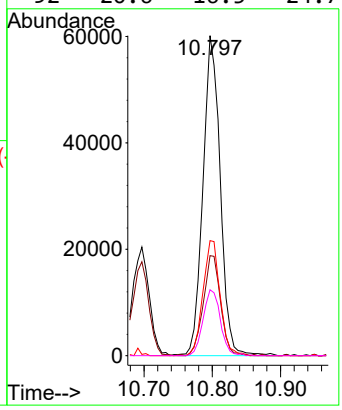




#33
4-Chloroaniline
Concen: 41.854 ng
RT: 10.797 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:127 Resp: 10615

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.0	37.4
65	35.9	28.7	43.1
92	20.6	16.5	24.7



Instrument :
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ClientSampleId :
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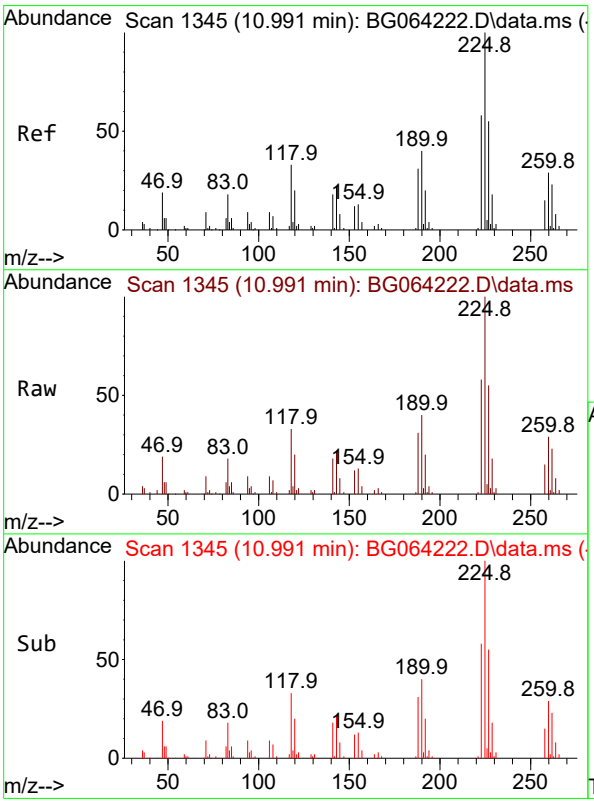
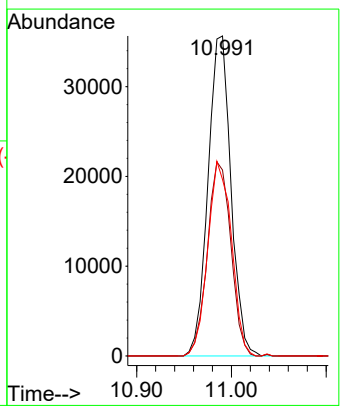
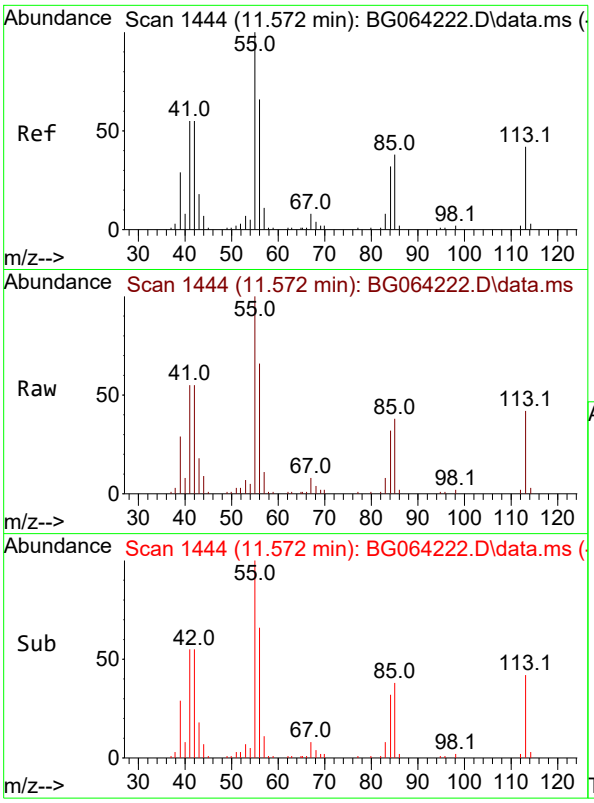


#34
Hexachlorobutadiene
Concen: 40.612 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:225 Resp: 59902

Ion	Ratio	Lower	Upper
225	100		
223	58.1	46.5	69.7
227	55.1	44.1	66.1

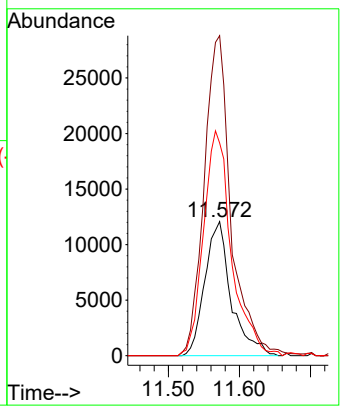




#35
Caprolactam
Concen: 42.513 ng
RT: 11.572 min Scan# 14
Delta R.T. -0.030 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:113 Resp: 3115

Ion	Ratio	Lower	Upper
113	100		
55	238.5	218.5	258.5
56	158.5	138.5	178.5



Instrument :
BNA_G
ClientSampleId :
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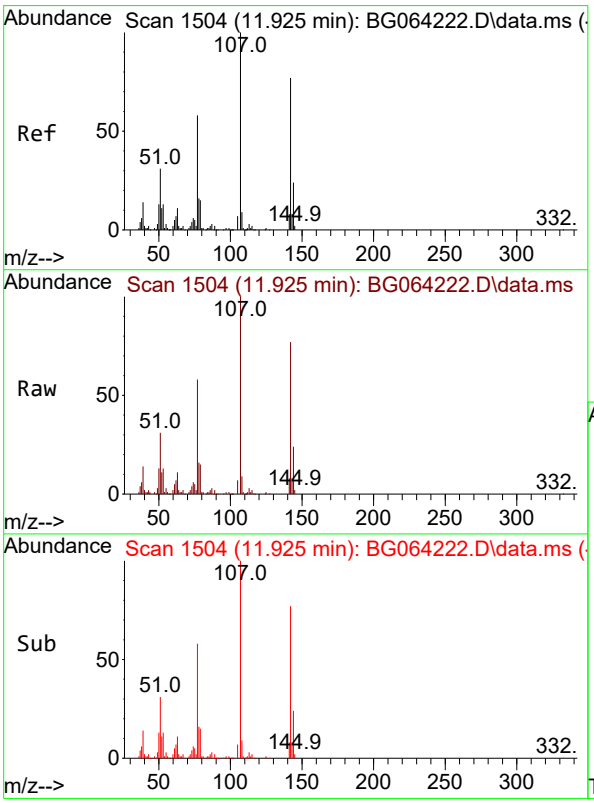
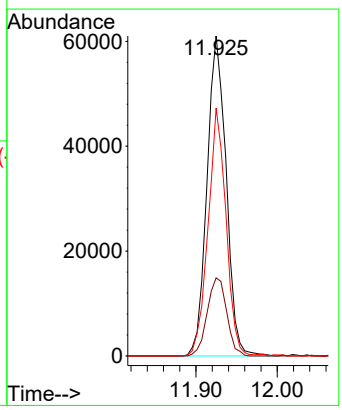
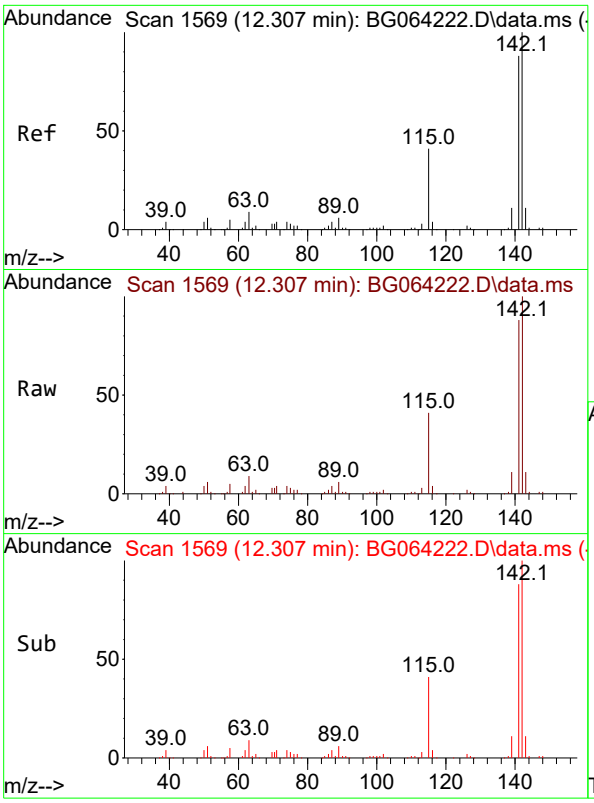


#36
4-Chloro-3-methylphenol
Concen: 40.634 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:107 Resp: 99772

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.5	29.3
142	77.5	62.0	93.0

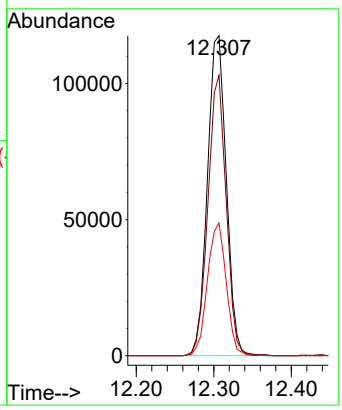




#37
2-Methylnaphthalene
Concen: 40.881 ng
RT: 12.307 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:142 Resp: 19885

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1
115	41.4	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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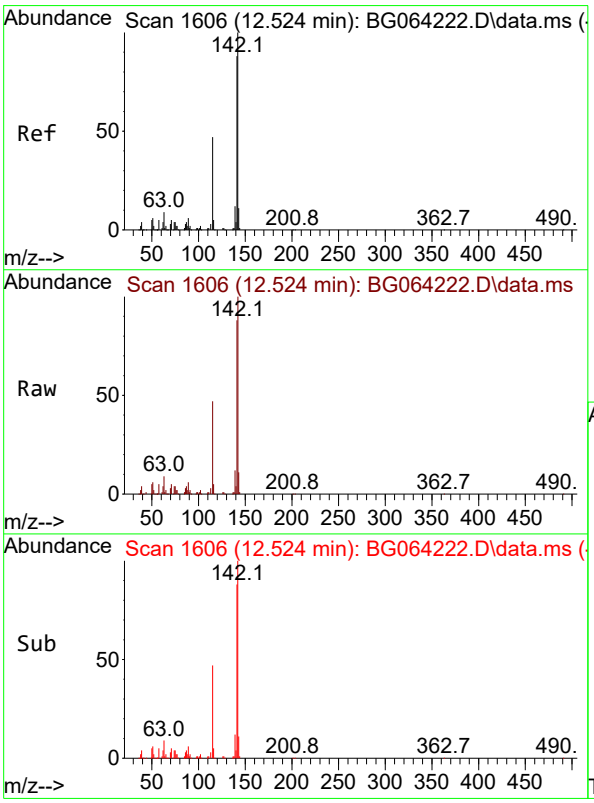
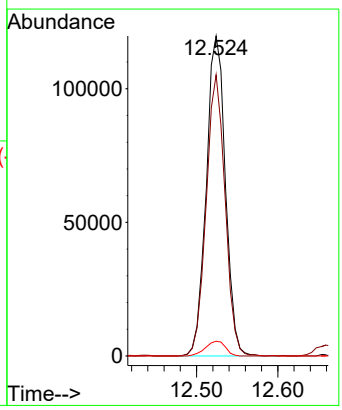
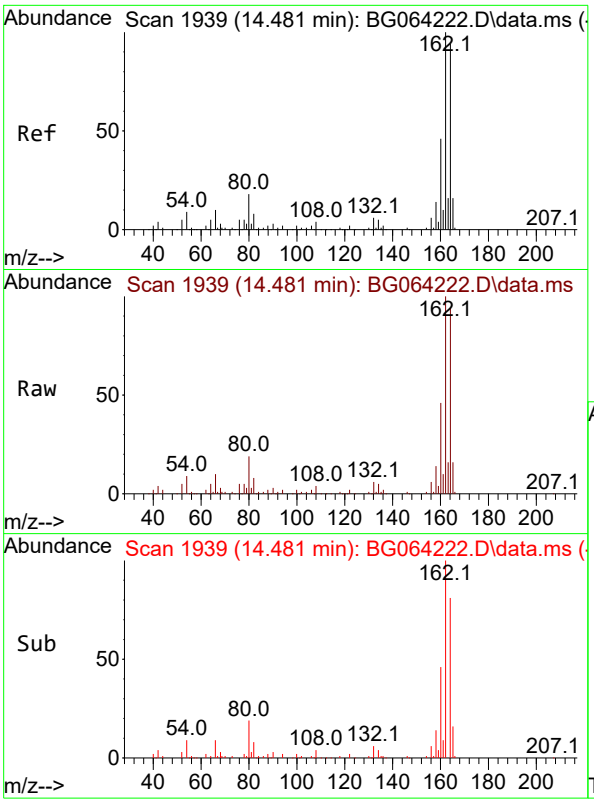


#38
1-Methylnaphthalene
Concen: 40.750 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:142 Resp: 195785

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
116	4.6	3.7	5.5

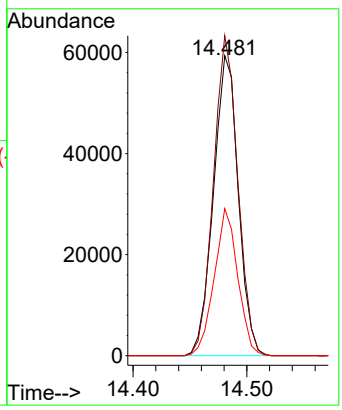




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:164 Resp: 9006

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.0
160	49.0	39.2	58.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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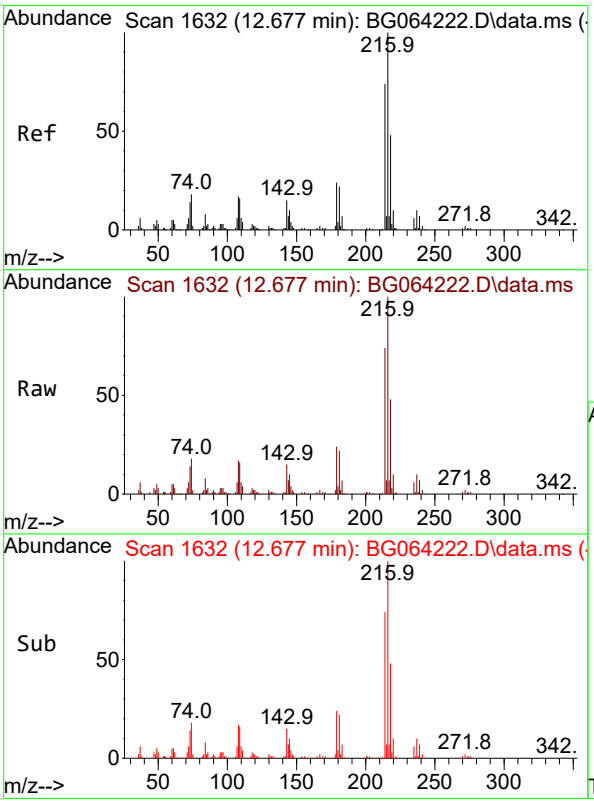
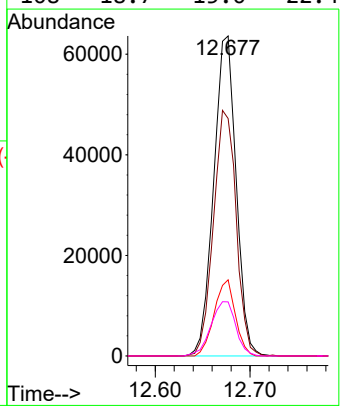
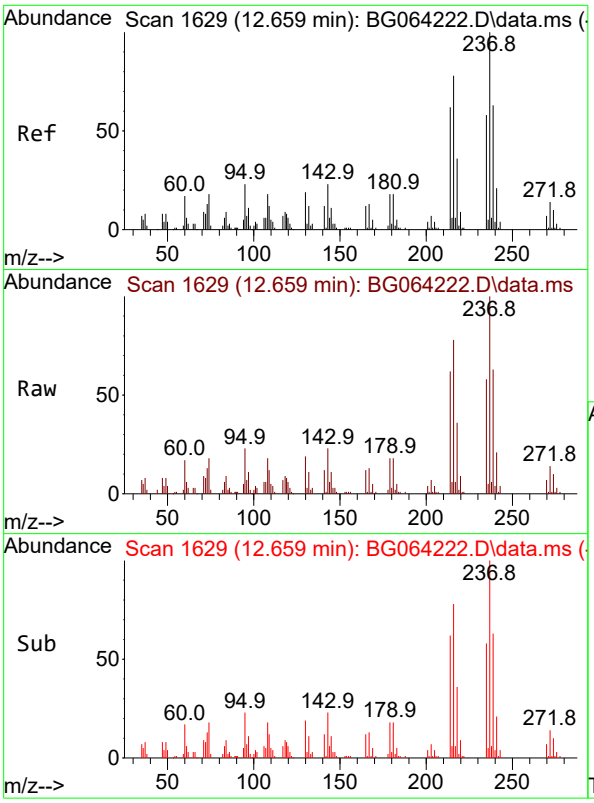


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.372 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:216 Resp: 104909

Ion	Ratio	Lower	Upper
216	100		
214	77.4	61.9	92.9
179	22.4	17.9	26.9
108	18.7	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 40.092 ng
RT: 12.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:237 Resp: 4951

Ion	Ratio	Lower	Upper
237	100		
235	57.9	37.9	77.9
272	13.8	0.0	33.8

Instrument :
BNA_G
ClientSampleId :
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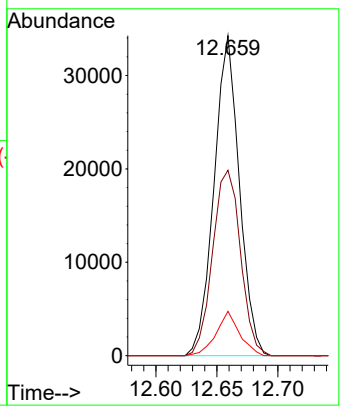
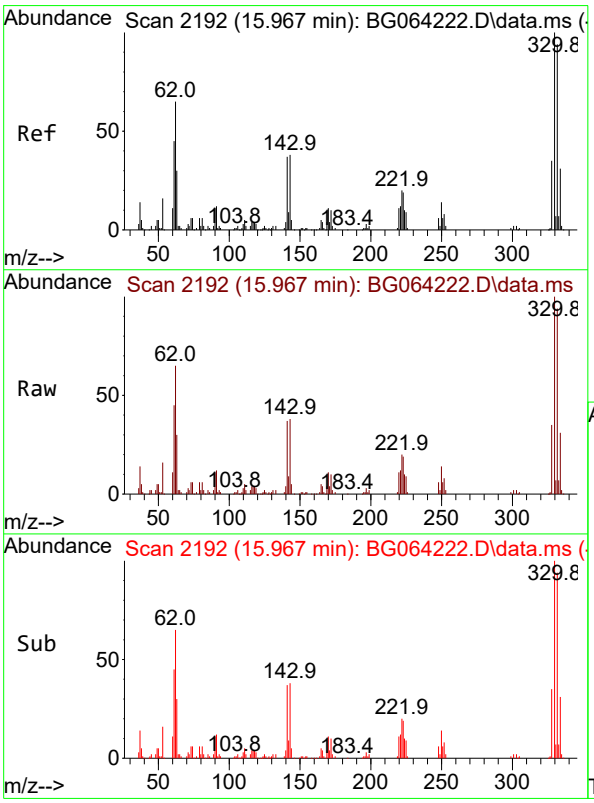
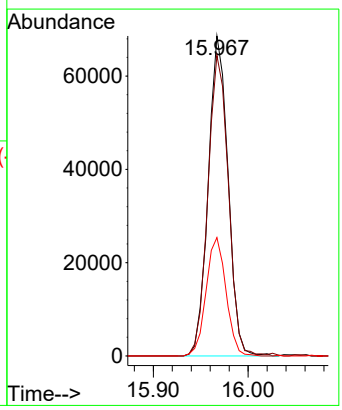


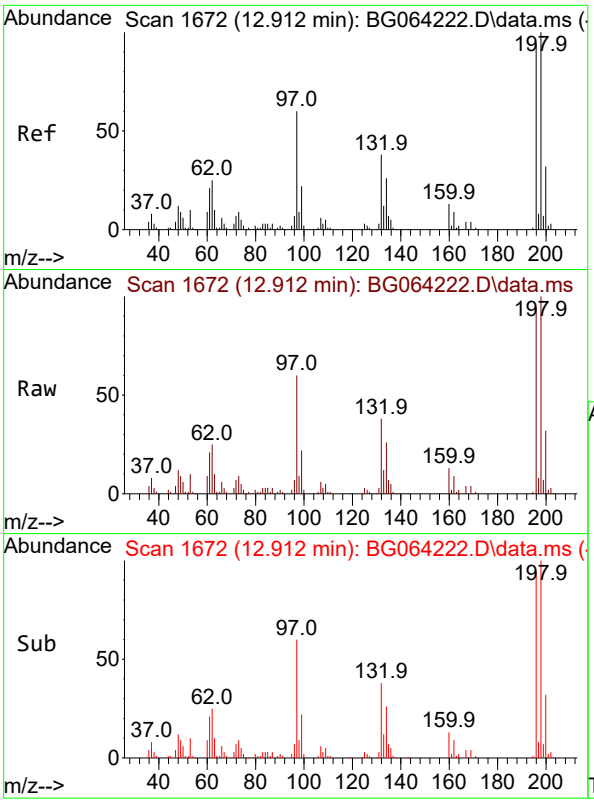


#42
2,4,6-Tribromophenol
Concen: 83.399 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:330 Resp: 99487

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	37.2	29.8	44.6





#43
2,4,6-Trichlorophenol
Concen: 41.108 ng
RT: 12.912 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:196 Resp: 7139

Ion	Ratio	Lower	Upper
196	100		
198	106.8	85.4	128.2
200	34.1	27.3	40.9

Instrument :
BNA_G
ClientSampleId :
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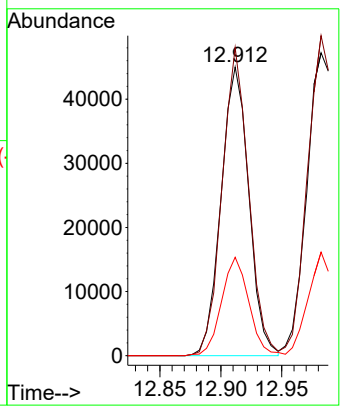
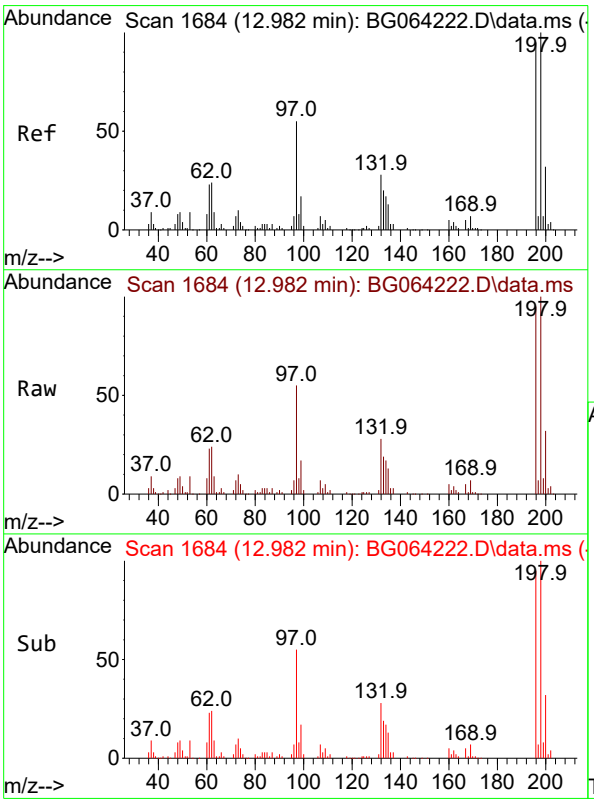
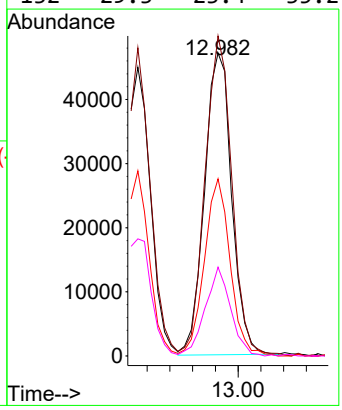


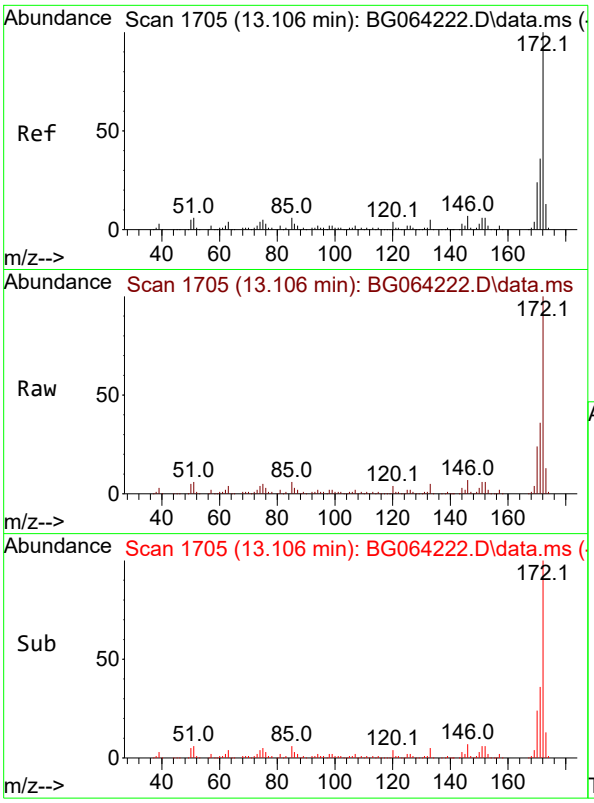


#44
2,4,5-Trichlorophenol
Concen: 41.387 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:196 Resp: 77976

Ion	Ratio	Lower	Upper
196	100		
198	105.6	84.5	126.7
97	58.5	46.8	70.2
132	29.3	23.4	35.2

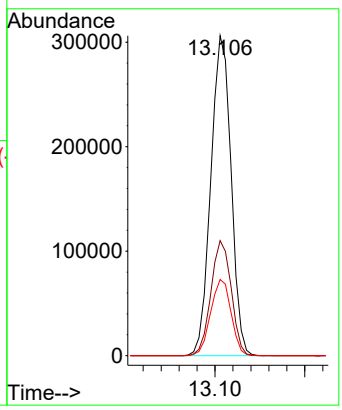




#45
2-Fluorobiphenyl
Concen: 81.088 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:172 Resp: 47845

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.8	19.0	28.6



Instrument :
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ClientSampleId :
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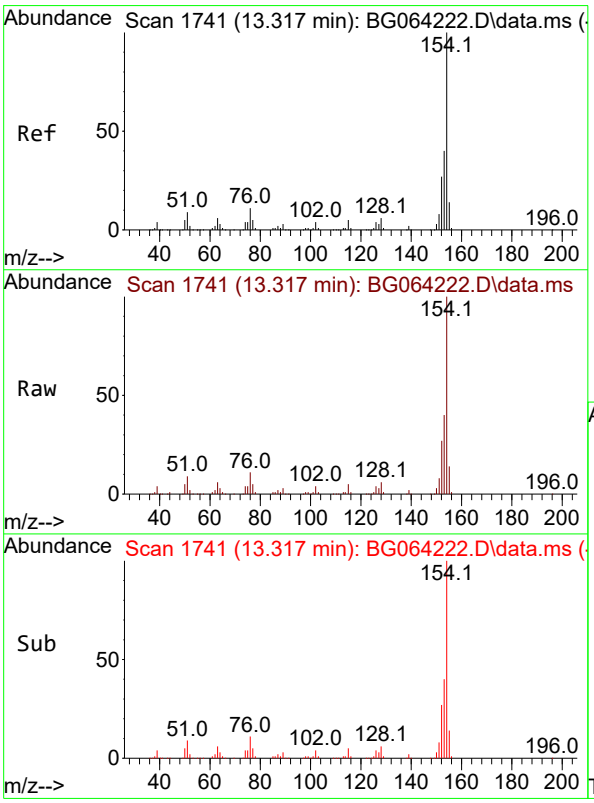
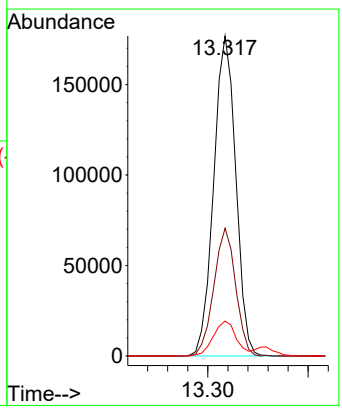
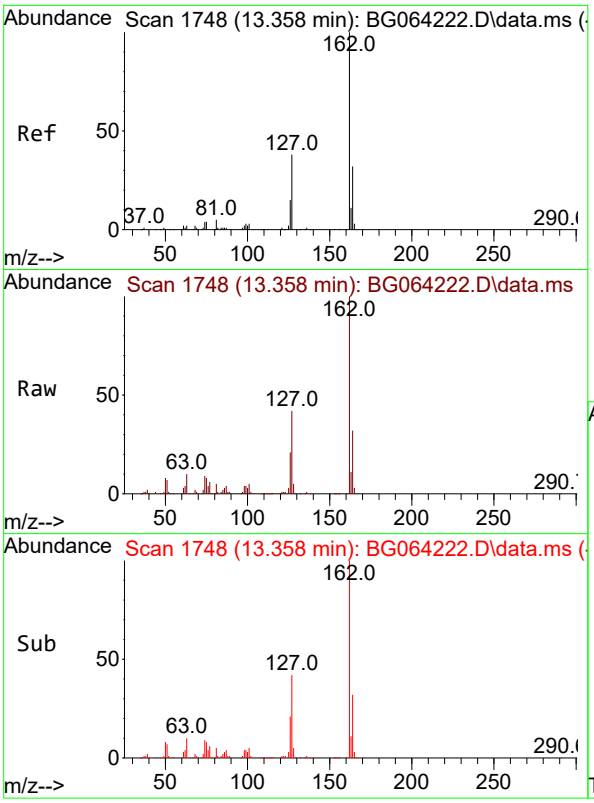


#46
1,1'-Biphenyl
Concen: 41.038 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:154 Resp: 269191

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	10.9	0.0	30.9

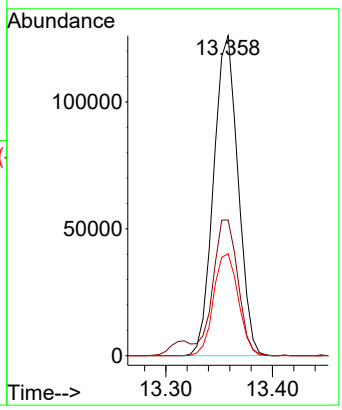




#47
2-Chloronaphthalene
Concen: 40.640 ng
RT: 13.358 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:162 Resp: 20041

Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	31.8	25.4	38.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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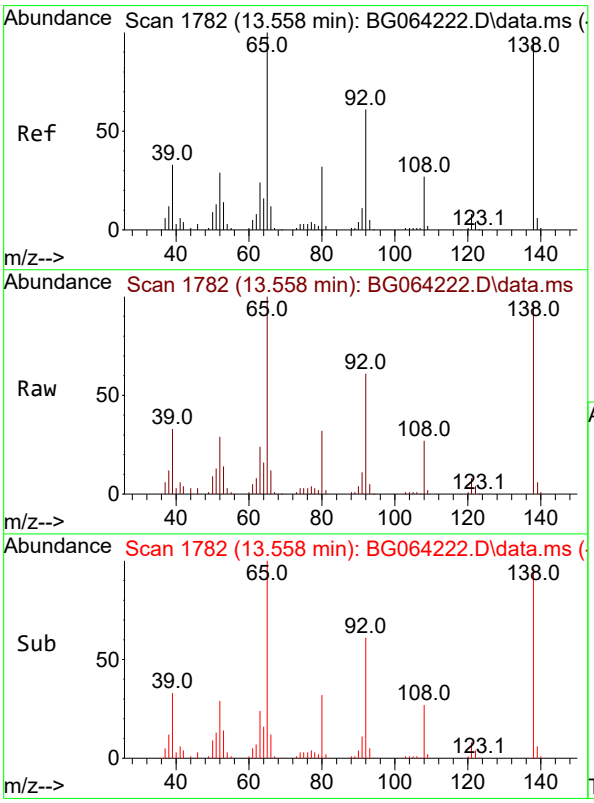
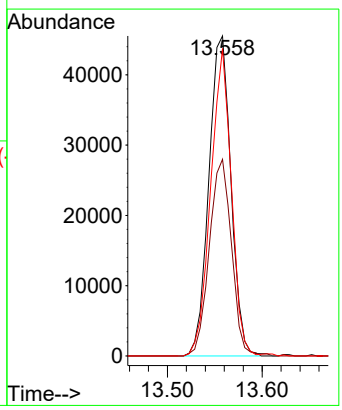
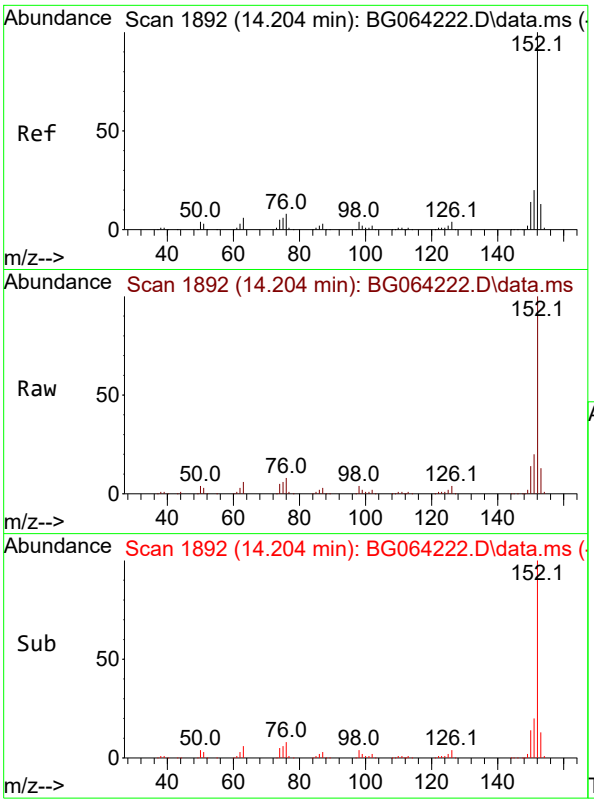


#48
2-Nitroaniline
Concen: 43.916 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 65 Resp: 73815

Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.2	73.8
138	96.0	76.8	115.2





#49
Acenaphthylene
Concen: 41.396 ng
RT: 14.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 30177

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.6	10.1	15.1

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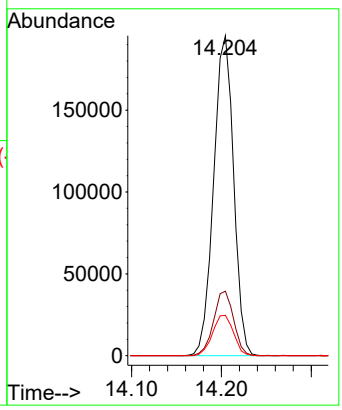
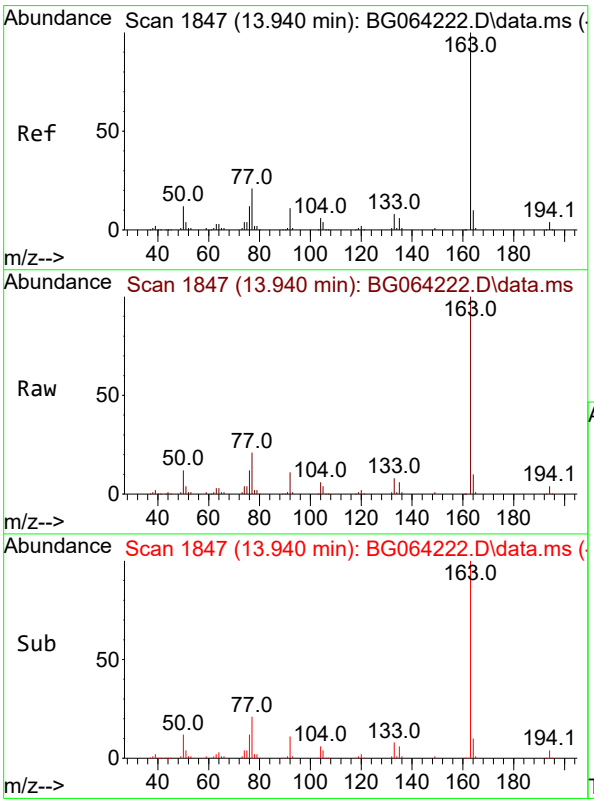
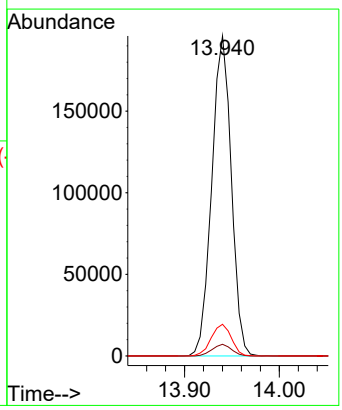


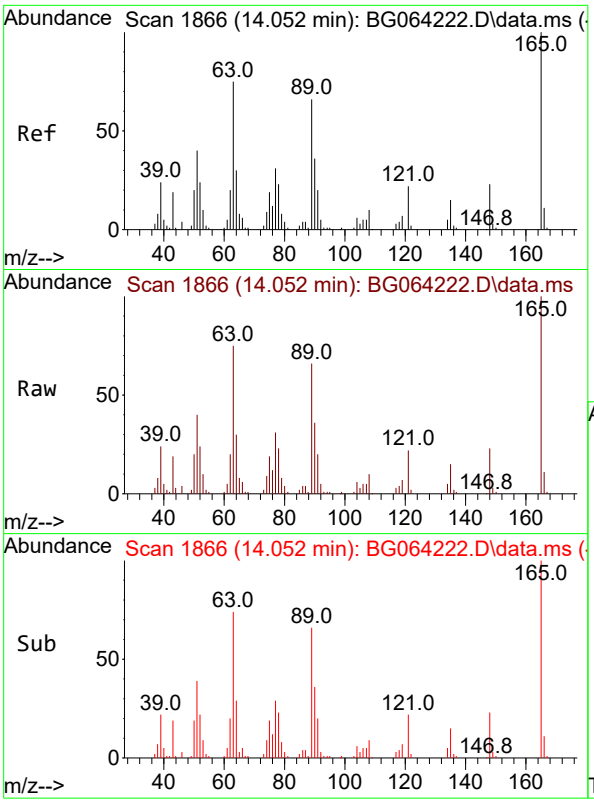


#50
Dimethylphthalate
Concen: 41.075 ng
RT: 13.940 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:163 Resp: 280002

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 43.975 ng
RT: 14.052 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:165 Resp: 5803

Ion	Ratio	Lower	Upper
165	100		
63	75.4	60.3	90.5
89	66.1	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
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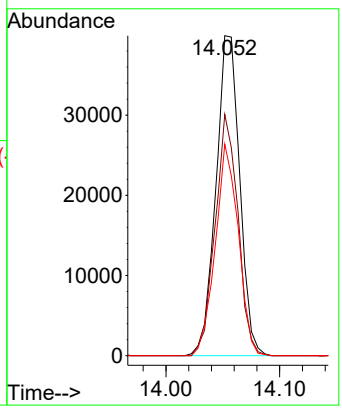
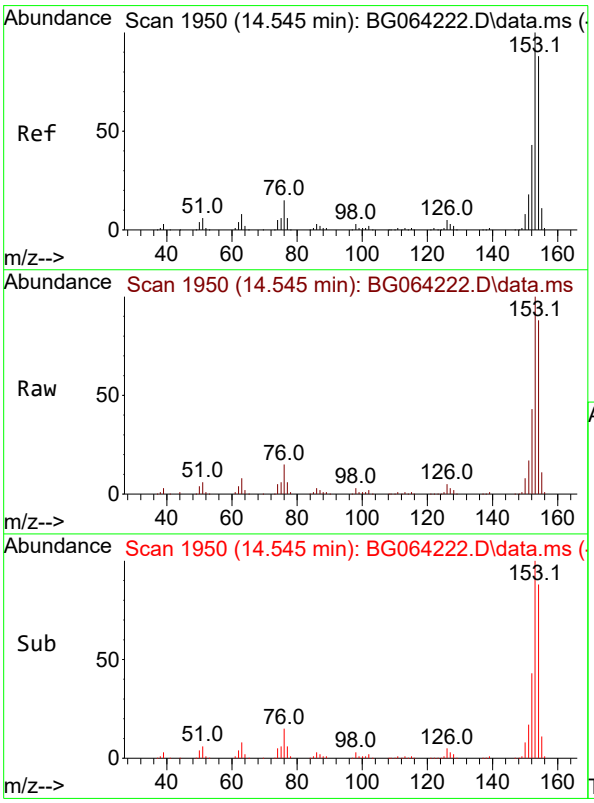
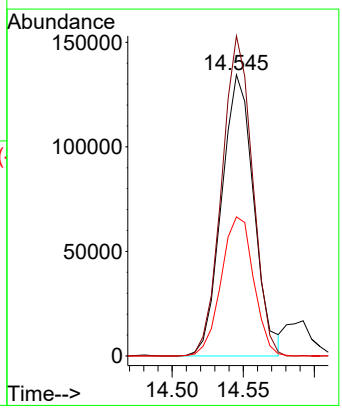


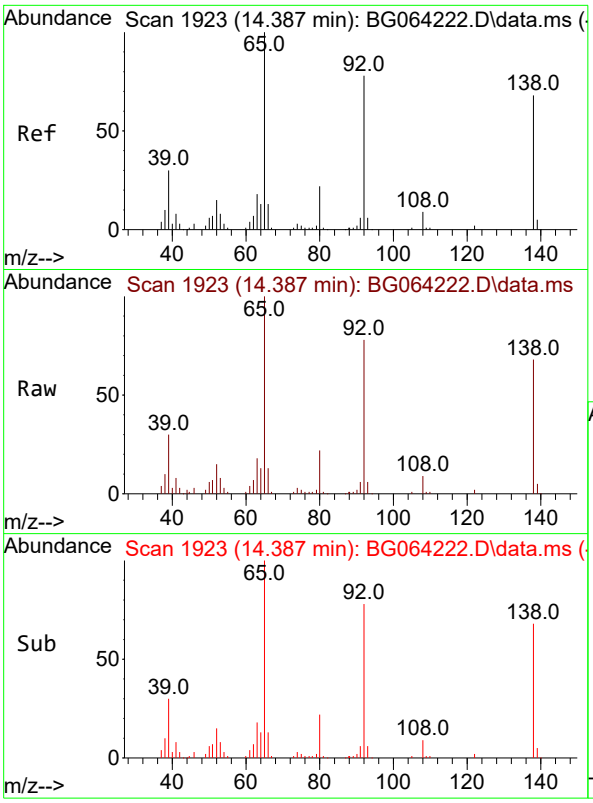


#52
Acenaphthene
Concen: 41.230 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:154 Resp: 212105

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.1	136.7
152	49.5	39.6	59.4

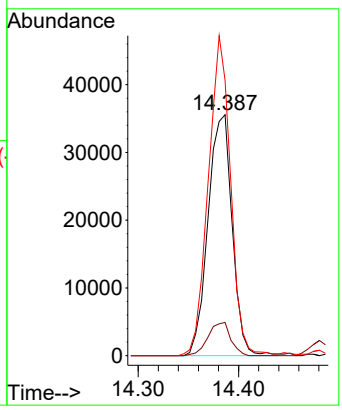




#53
3-Nitroaniline
Concen: 43.085 ng
RT: 14.387 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:138 Resp: 5956

Ion	Ratio	Lower	Upper
138	100		
108	13.8	11.0	16.6
92	114.2	91.4	137.0



Instrument :
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ClientSampleId :
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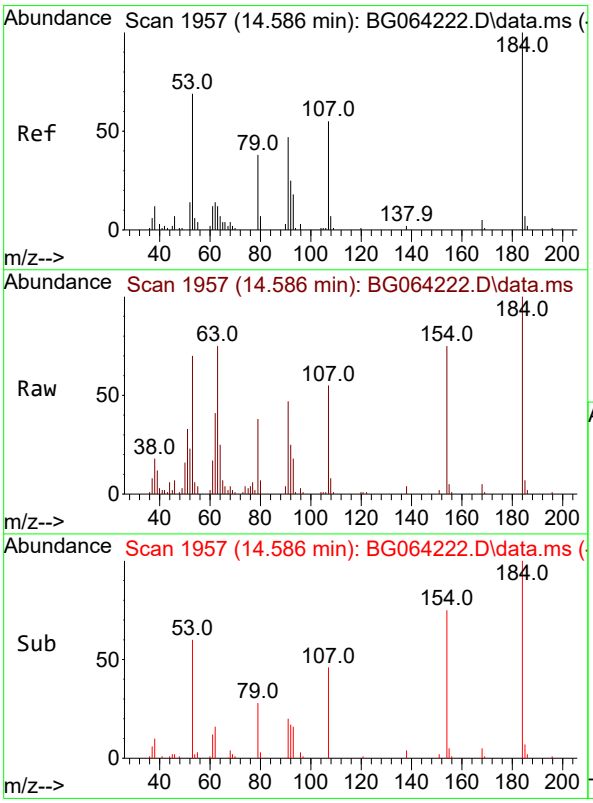
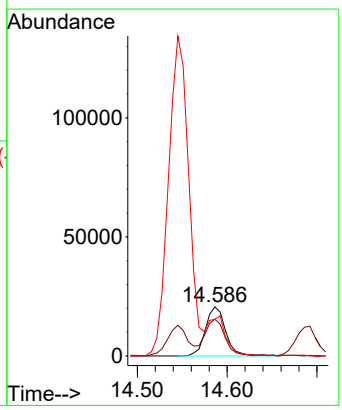
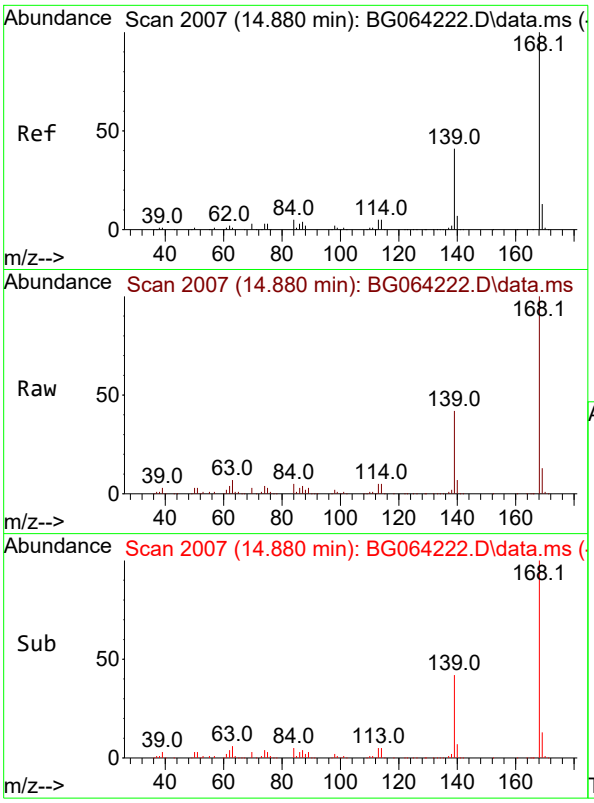


#54
2,4-Dinitrophenol
Concen: 40.231 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:184 Resp: 32082

Ion	Ratio	Lower	Upper
184	100		
63	75.1	60.1	90.1
154	74.8	59.8	89.8

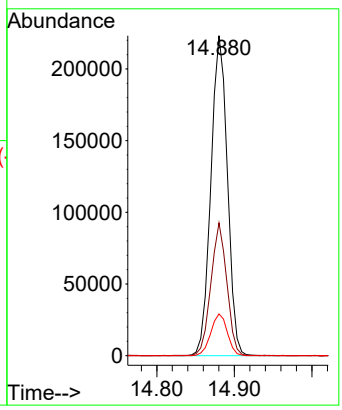




#55
Dibenzofuran
Concen: 40.802 ng
RT: 14.880 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:168 Resp: 33016

Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.2	49.8
169	13.0	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
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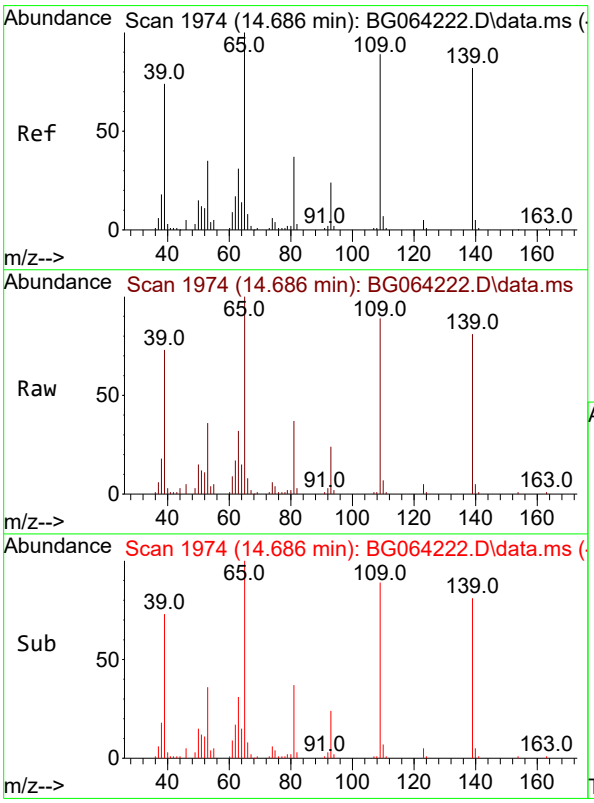
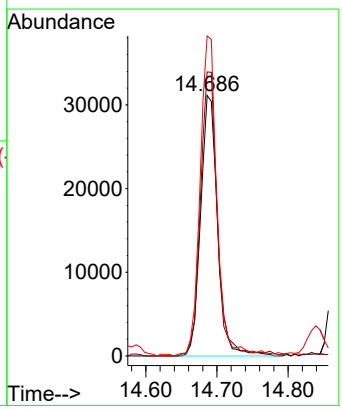
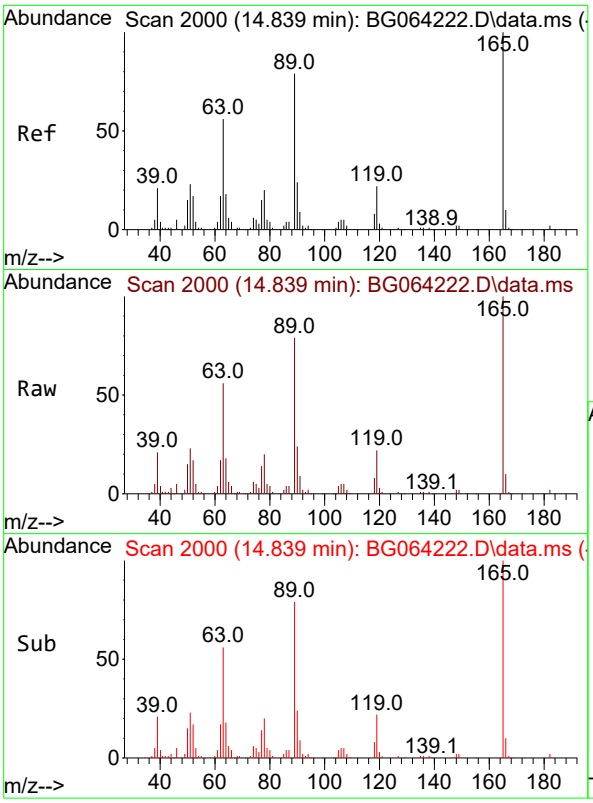


#56
4-Nitrophenol
Concen: 45.484 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 51577

Ion	Ratio	Lower	Upper
139	100		
109	109.1	89.1	129.1
65	122.9	102.9	142.9

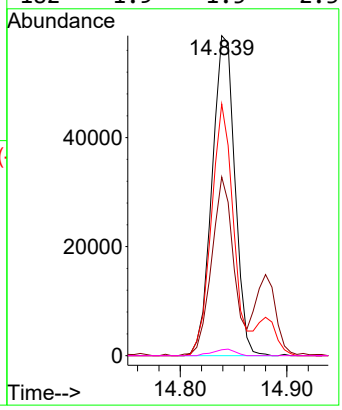




#57
2,4-Dinitrotoluene
Concen: 43.705 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:165 Resp: 8721

Ion	Ratio	Lower	Upper
165	100		
63	55.8	44.6	67.0
89	78.7	63.0	94.4
182	1.9	1.5	2.3



Instrument :
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ClientSampleId :
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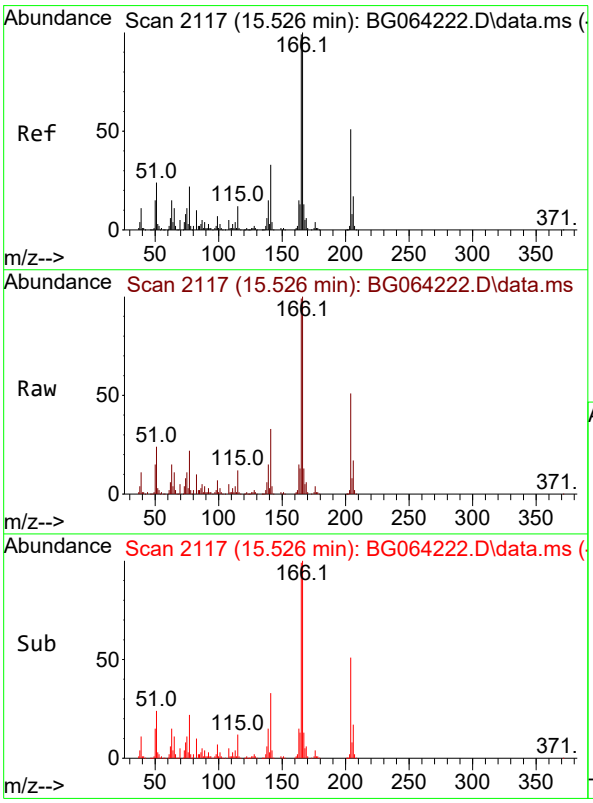
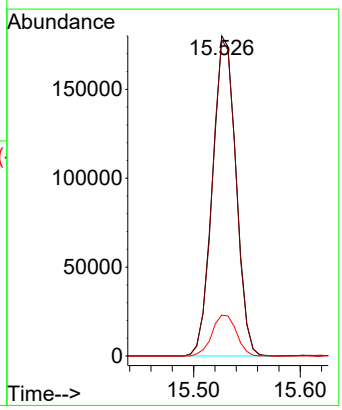
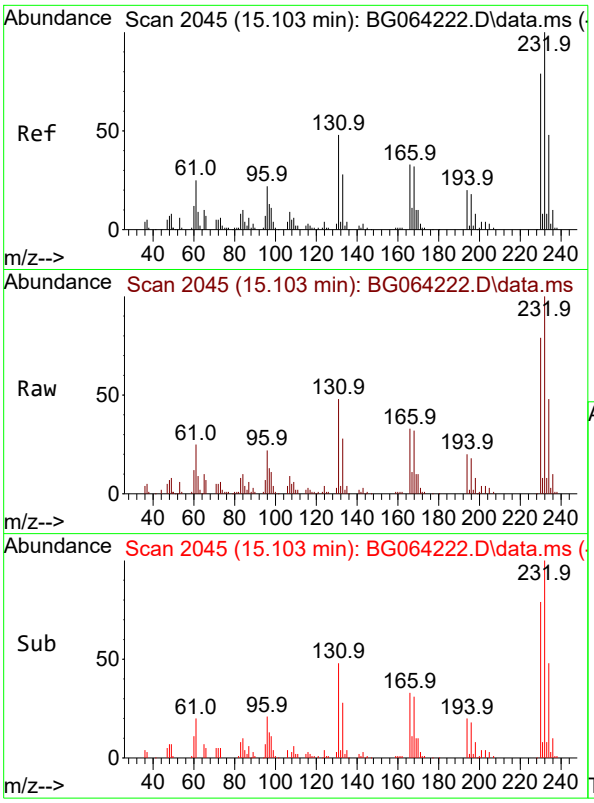


#58
Fluorene
Concen: 41.523 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:166 Resp: 275394

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	12.8	10.2	15.4

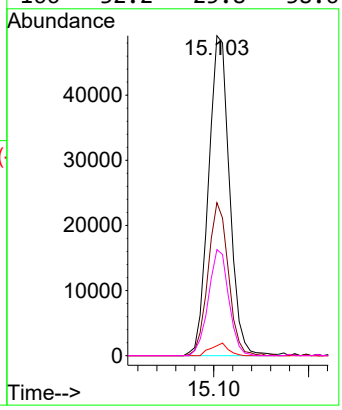




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.637 ng
RT: 15.103 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:232 Resp: 7545

Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.1	55.7
130	3.2	2.6	3.8
166	32.2	25.8	38.6



Instrument :
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ClientSampleId :
SSTDICCC040

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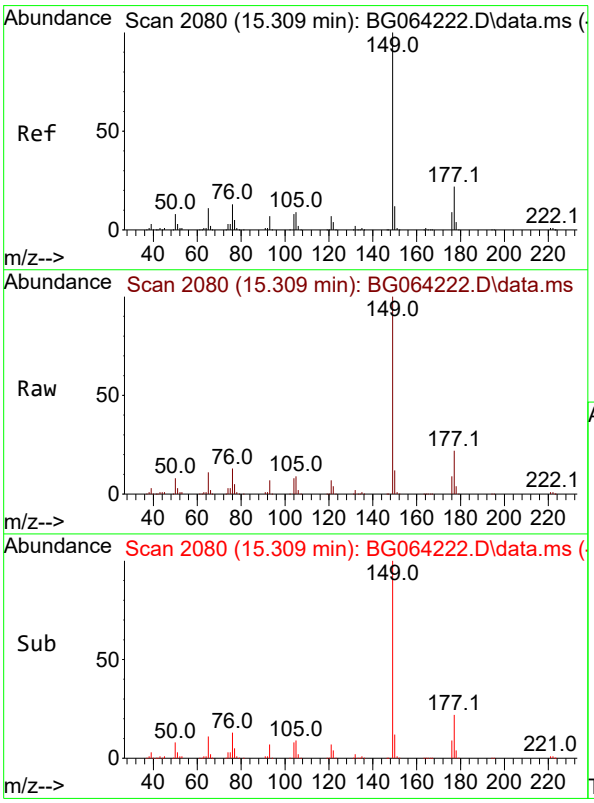
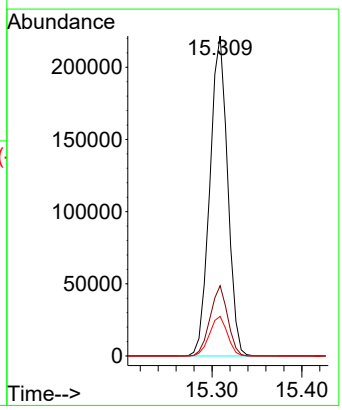
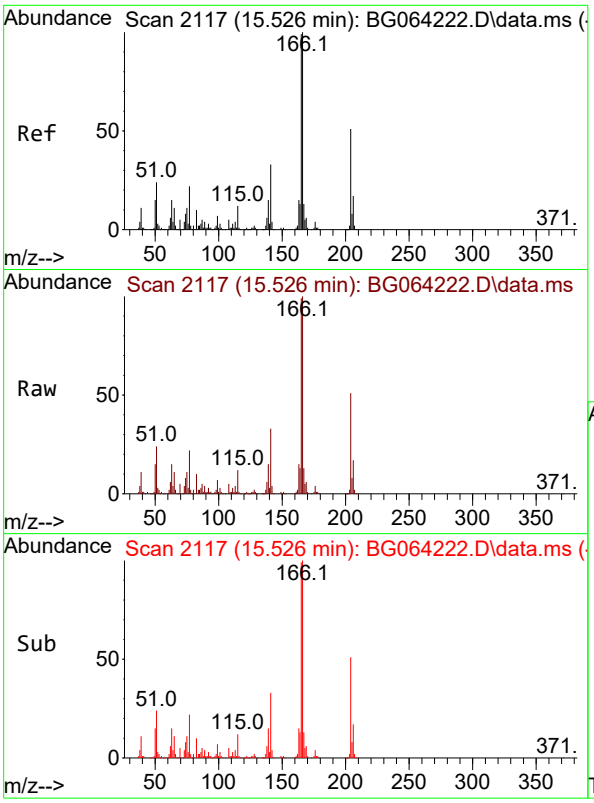


#60
Diethylphthalate
Concen: 41.681 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 304086

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.4	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:204 Resp: 13599

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	64.9	51.9	77.9

Instrument :
BNA_G
ClientSampleId :
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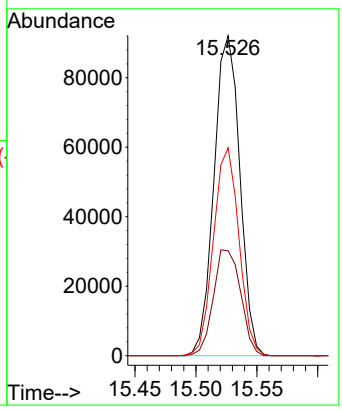
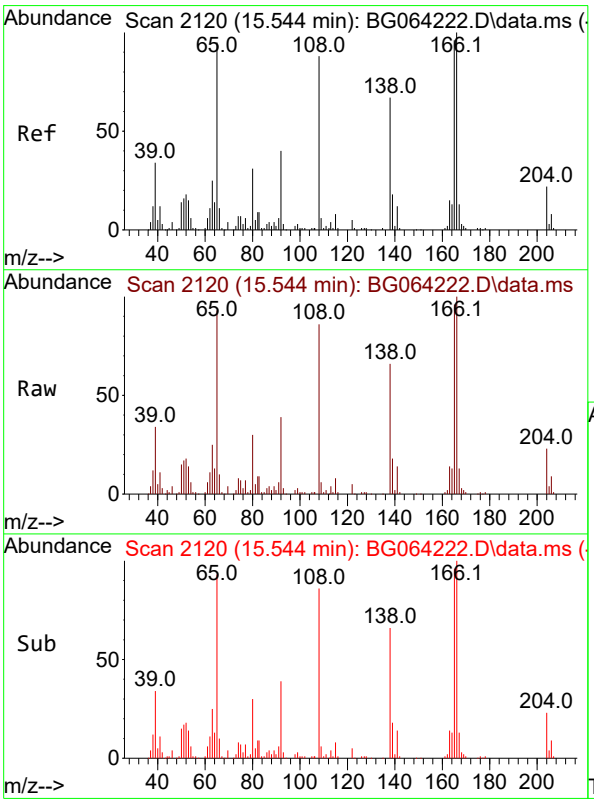
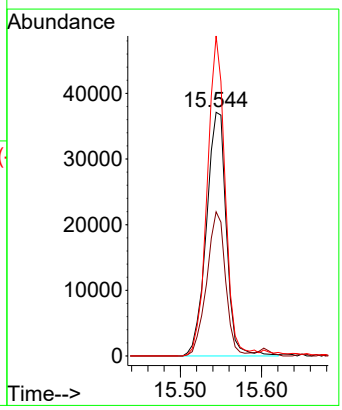


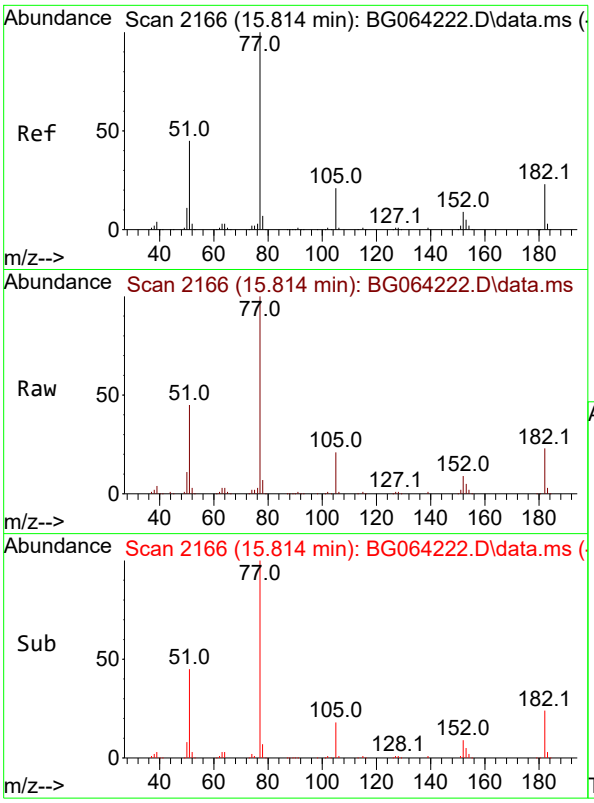


#62
4-Nitroaniline
Concen: 44.865 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:138 Resp: 63286

Ion	Ratio	Lower	Upper
138	100		
92	59.1	39.1	79.1
108	131.3	111.3	151.3

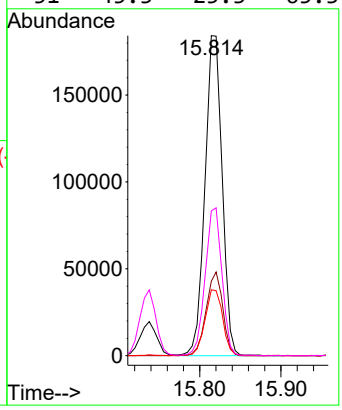




#63
Azobenzene
Concen: 41.635 ng
RT: 15.814 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion: 77 Resp: 27072

Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.3	43.3
105	20.6	0.6	40.6
51	45.3	25.3	65.3



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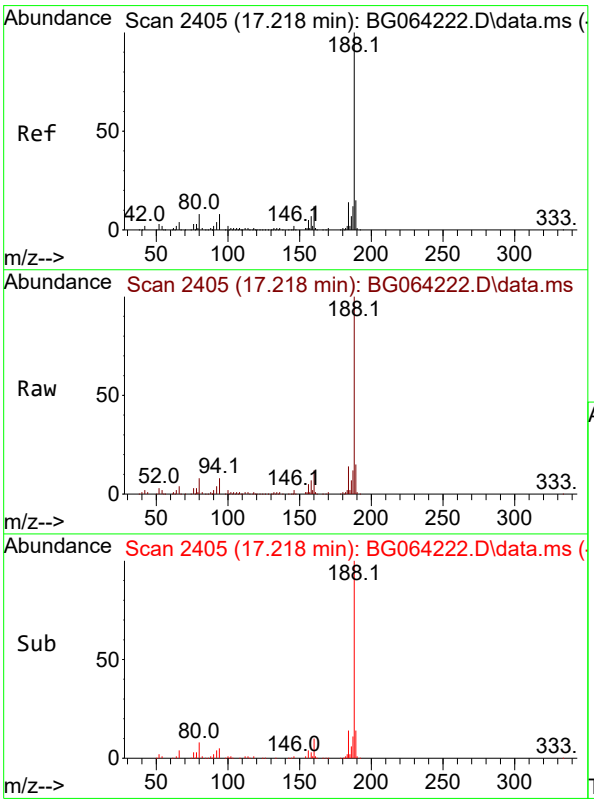
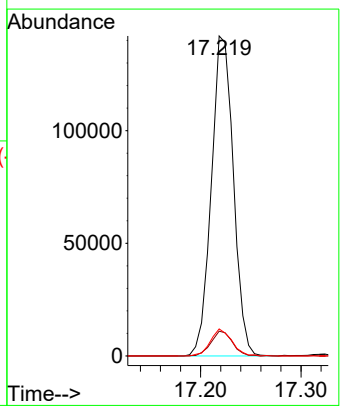
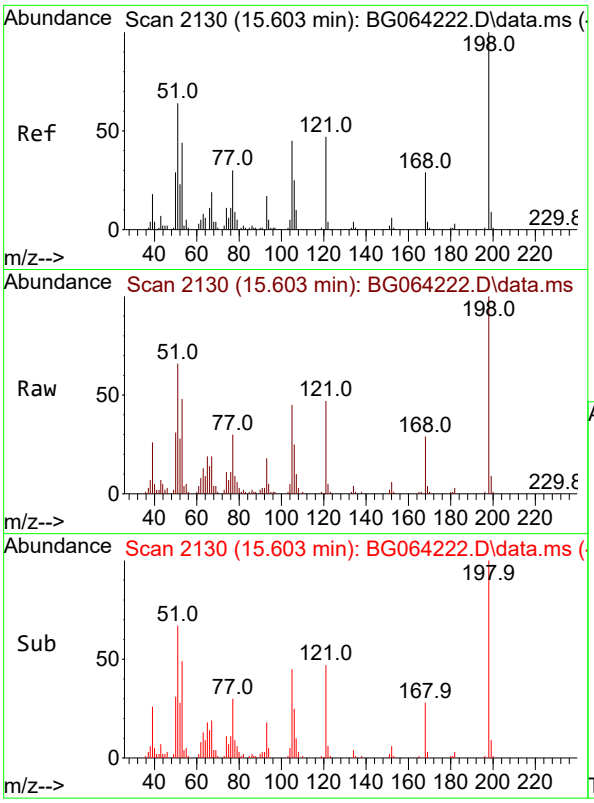


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:188 Resp: 216625

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.5	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 41.184 ng
RT: 15.603 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:198 Resp: 5122

Ion	Ratio	Lower	Upper
198	100		
51	66.2	46.2	86.2
105	45.0	25.0	65.0

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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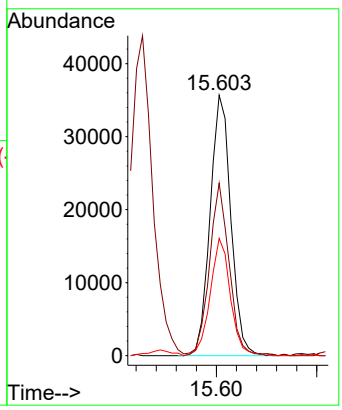
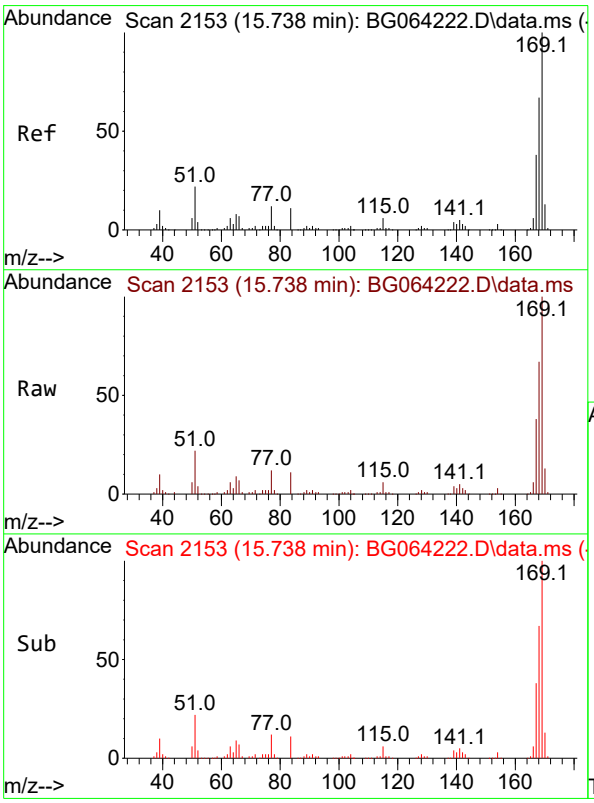
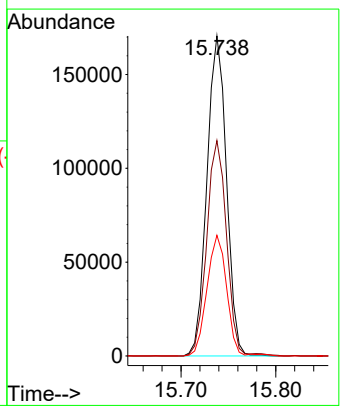


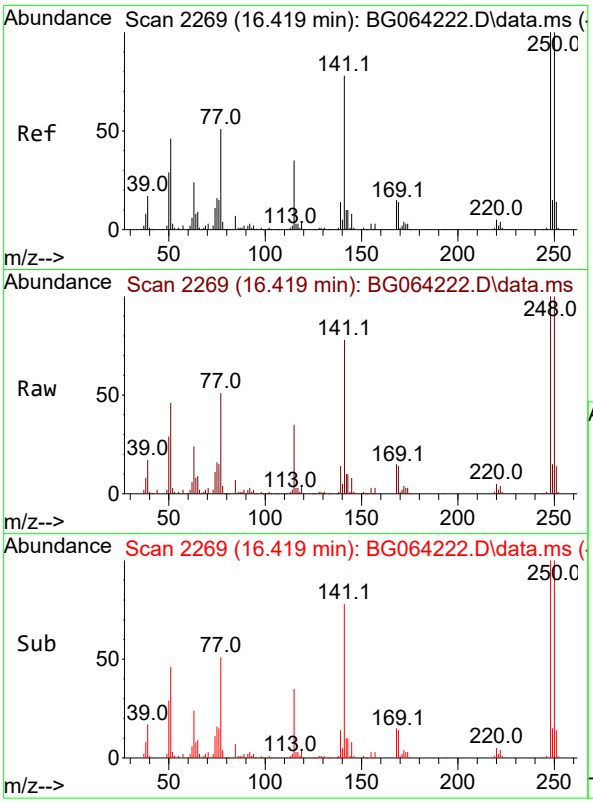


#66
n-Nitrosodiphenylamine
Concen: 40.835 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:169 Resp: 243339

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	37.7	30.2	45.2

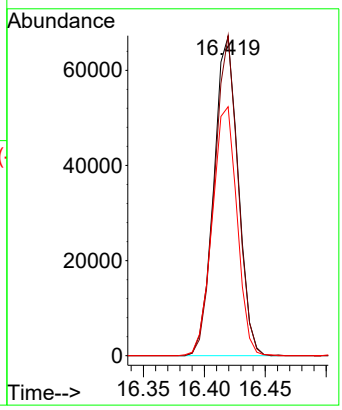




#67
4-Bromophenyl-phenylether
Concen: 40.562 ng
RT: 16.419 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:248 Resp: 9332

Ion	Ratio	Lower	Upper
248	100		
250	100.3	80.2	120.4
141	78.0	62.4	93.6



Instrument :
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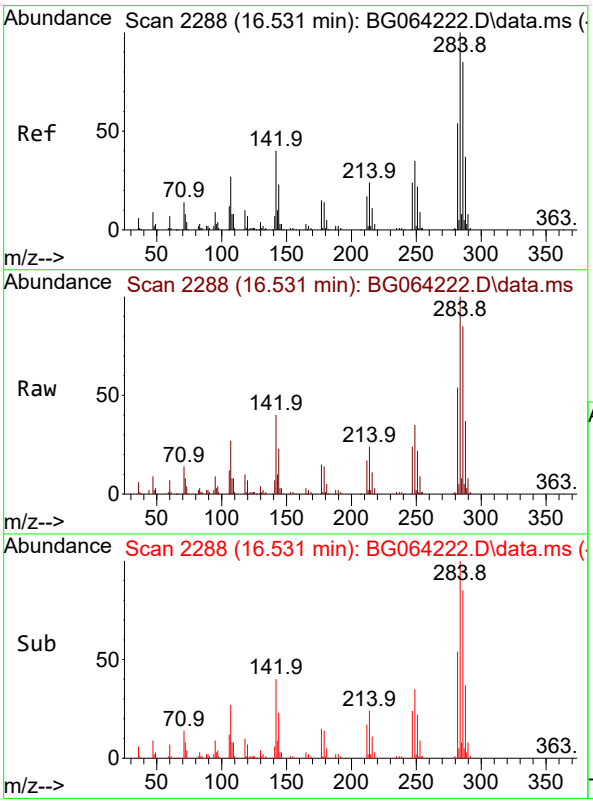
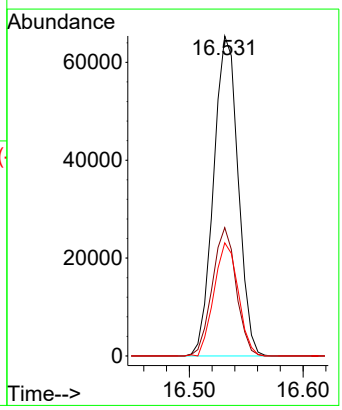
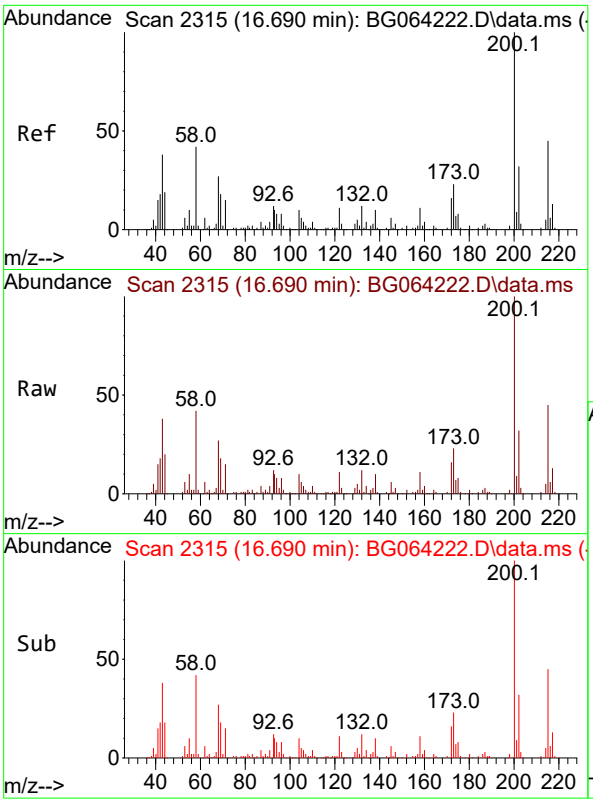


#68
Hexachlorobenzene
Concen: 38.392 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:284 Resp: 98094

Ion	Ratio	Lower	Upper
284	100		
142	40.1	32.1	48.1
249	35.4	28.3	42.5

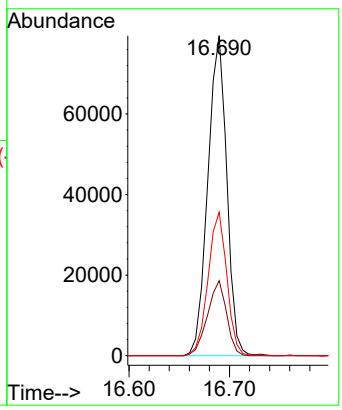




#69
Atrazine
Concen: 41.726 ng
RT: 16.690 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:200 Resp: 10382

Ion	Ratio	Lower	Upper
200	100		
173	23.5	3.5	43.5
215	44.8	24.8	64.8



Instrument :
BNA_G
ClientSampleId :
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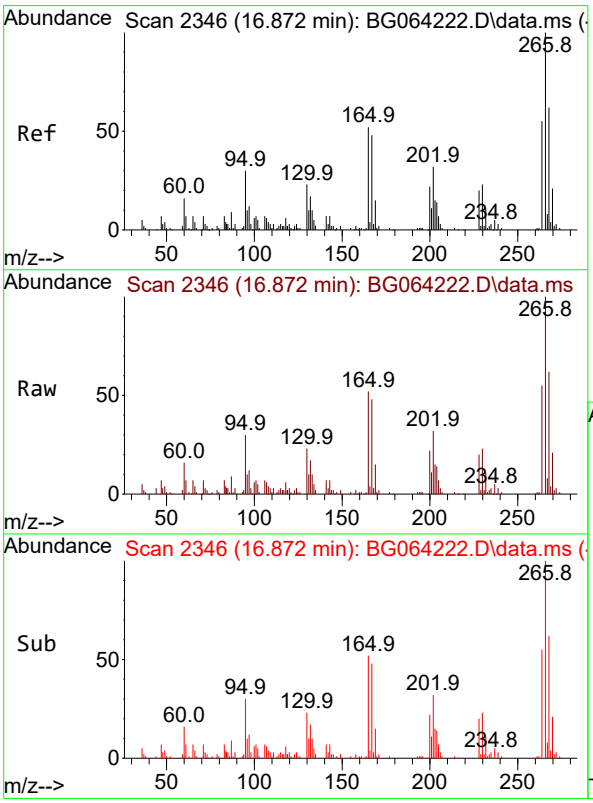
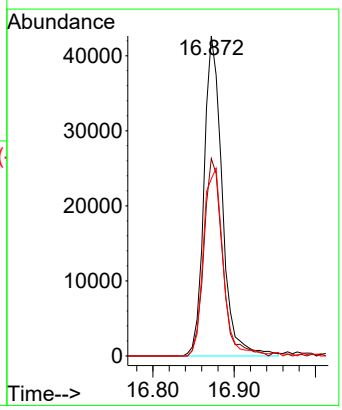
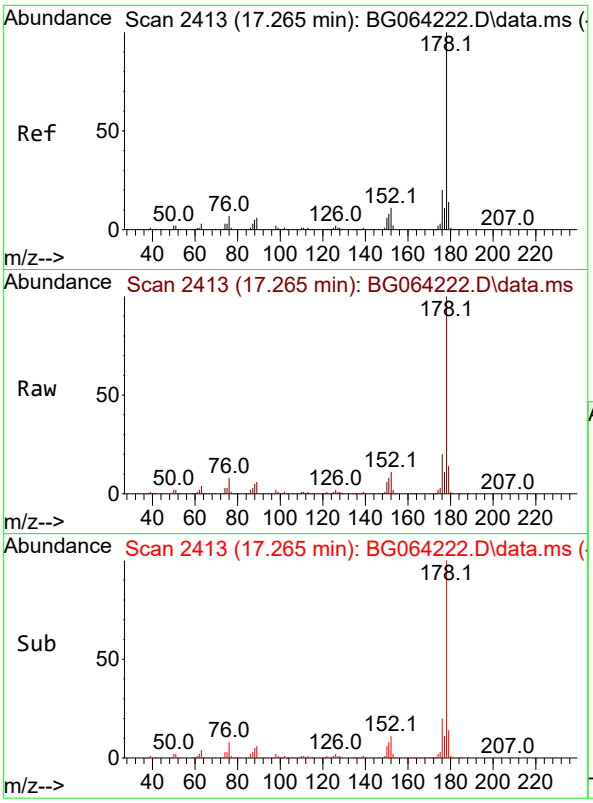


#70
Pentachlorophenol
Concen: 42.696 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:266 Resp: 66146

Ion	Ratio	Lower	Upper
266	100		
268	61.7	49.4	74.0
264	55.4	44.3	66.5

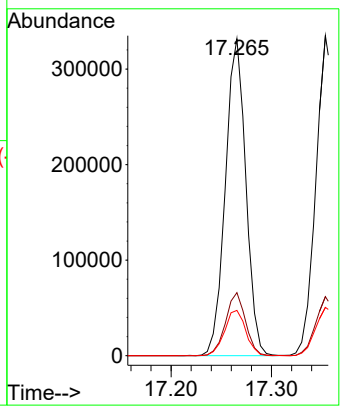




#71
Phenanthrene
Concen: 41.086 ng
RT: 17.265 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:178 Resp: 46943

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	14.3	11.4	17.2



Instrument :
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ClientSampleId :
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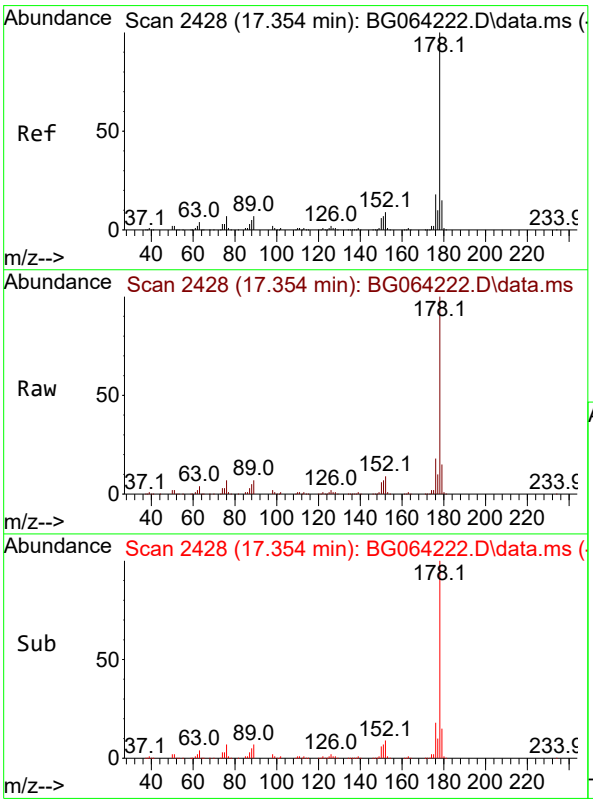
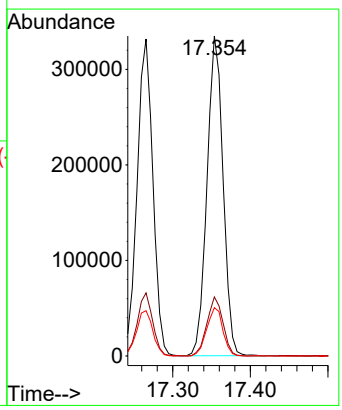
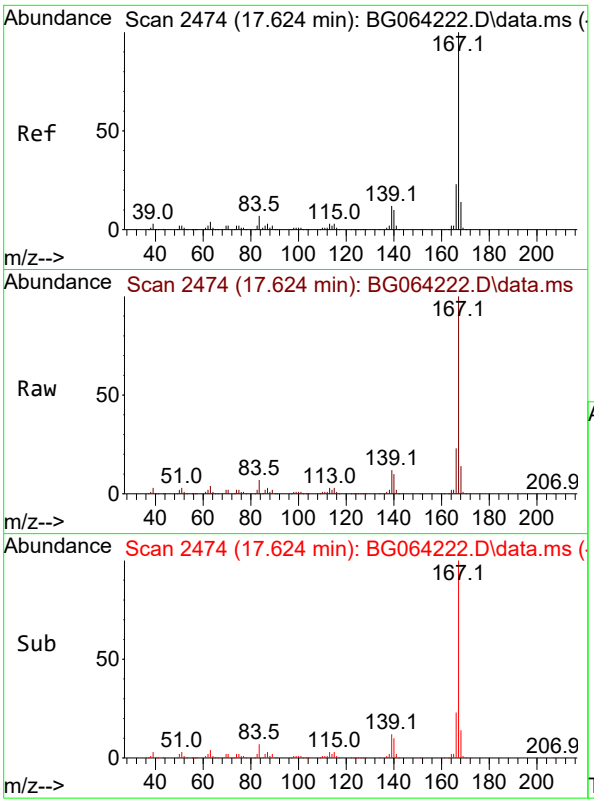


#72
Anthracene
Concen: 41.411 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:178 Resp: 481293

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.1	12.1	18.1

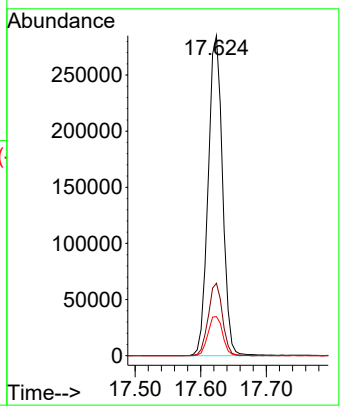




#73
Carbazole
Concen: 42.400 ng
RT: 17.624 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:167 Resp: 43411

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	12.2	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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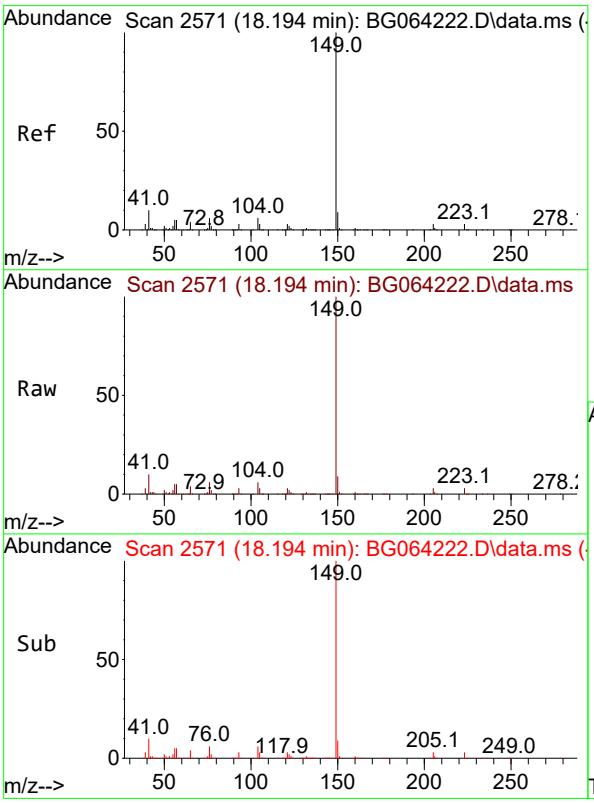
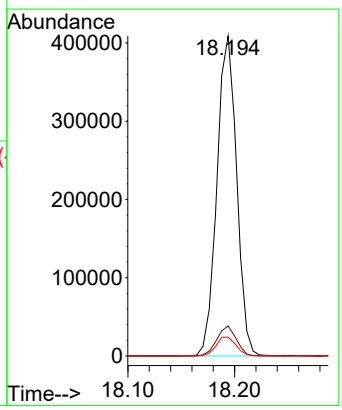
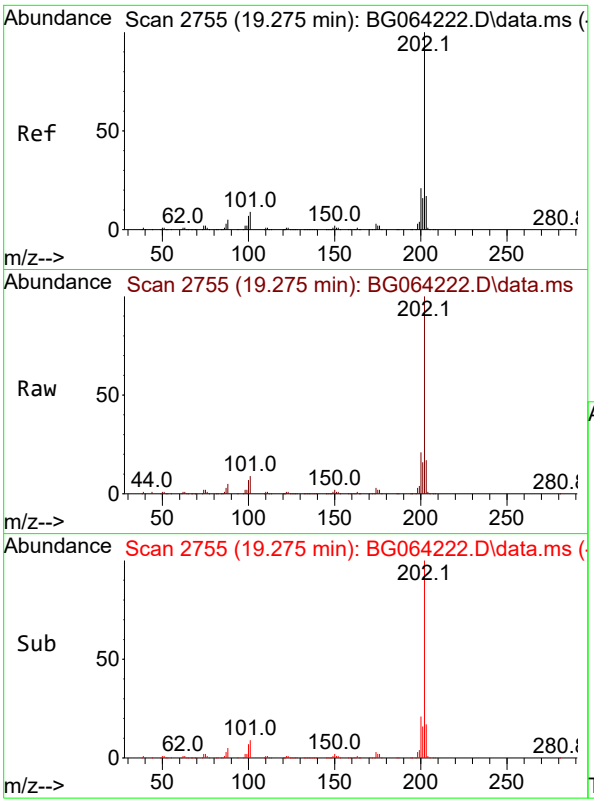


#74
Di-n-butylphthalate
Concen: 42.668 ng
RT: 18.194 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 524841

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.8	4.6	7.0

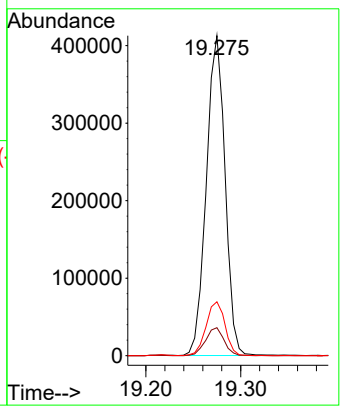




#75
Fluoranthene
Concen: 42.067 ng
RT: 19.275 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:202 Resp: 56513

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	16.9	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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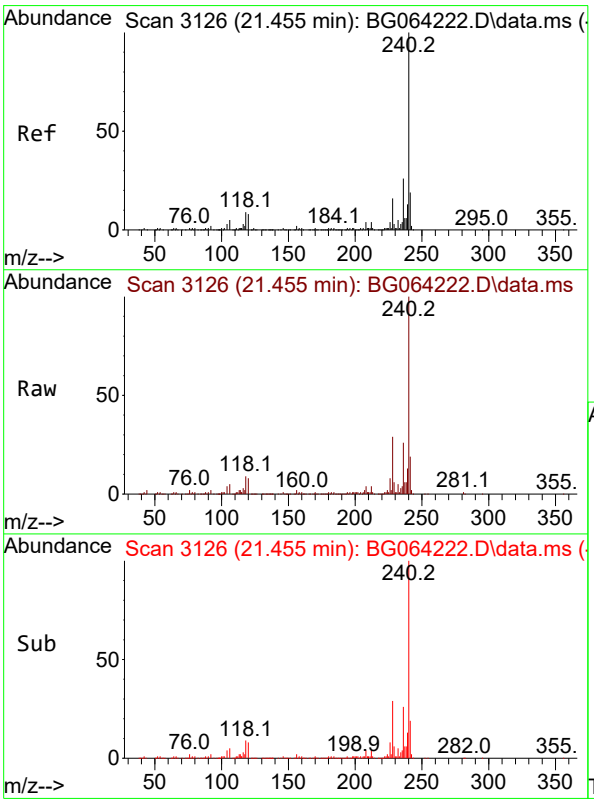
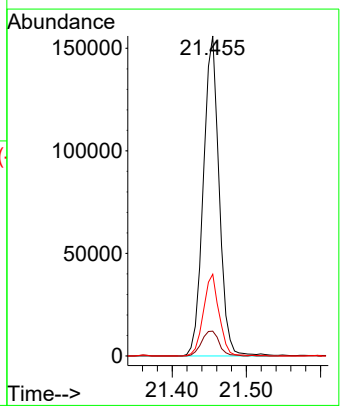
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

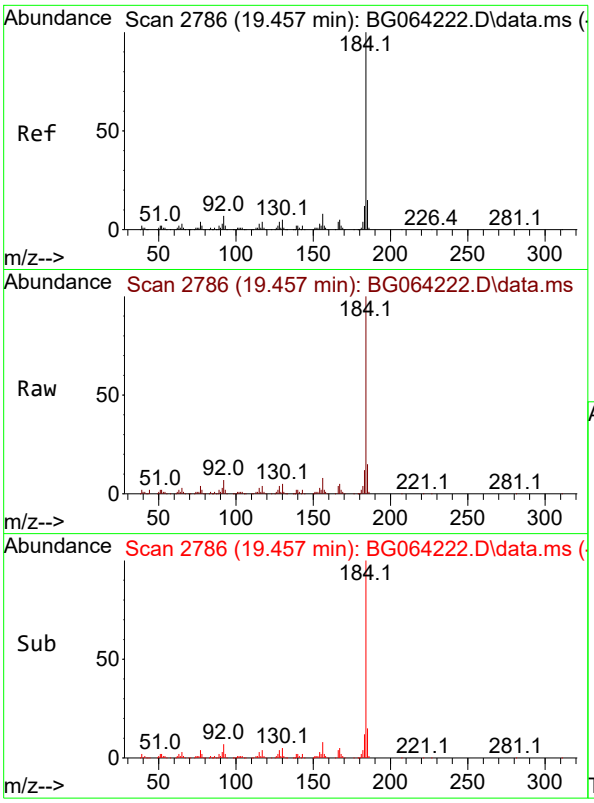


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:240 Resp: 230899

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	25.6	20.5	30.7

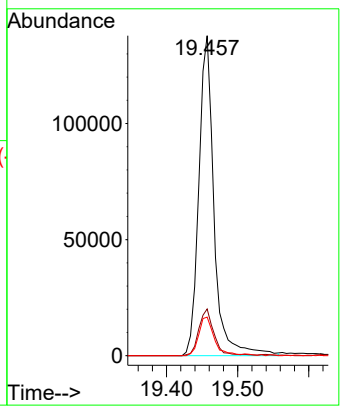




#77
Benzidine
Concen: 42.340 ng
RT: 19.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:184 Resp: 20565

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	12.1	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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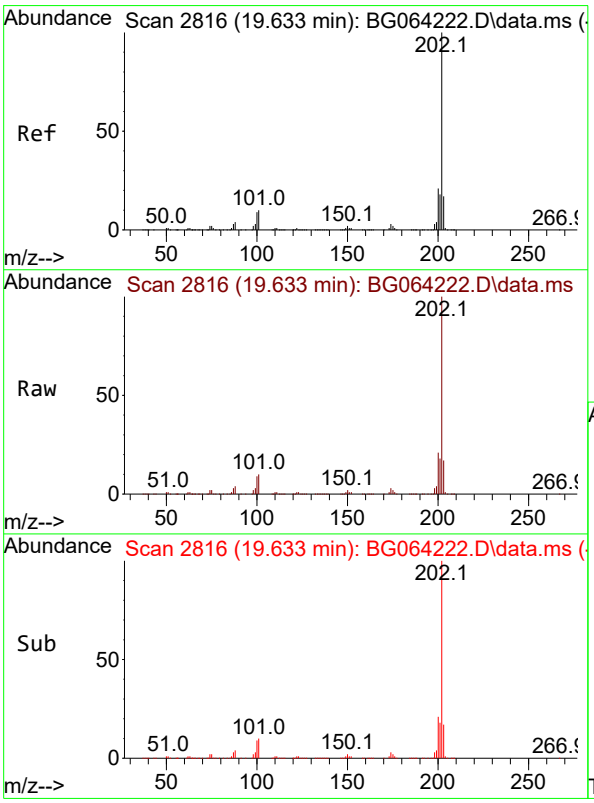
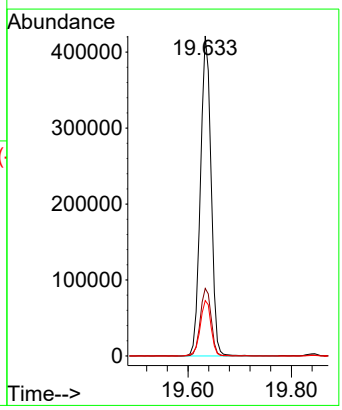
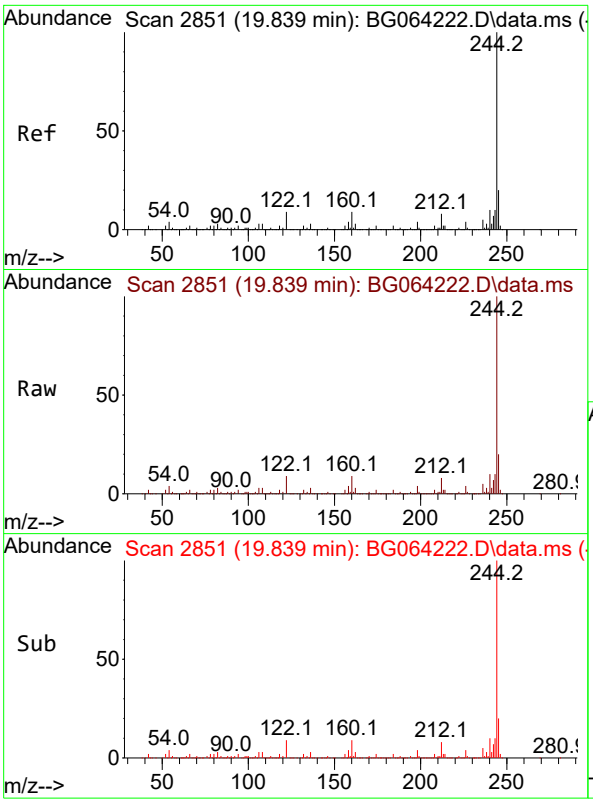


#78
Pyrene
Concen: 41.364 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:202 Resp: 601727

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8





#79
Terphenyl-d14
Concen: 81.849 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 90583

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	8.8	7.0	10.6

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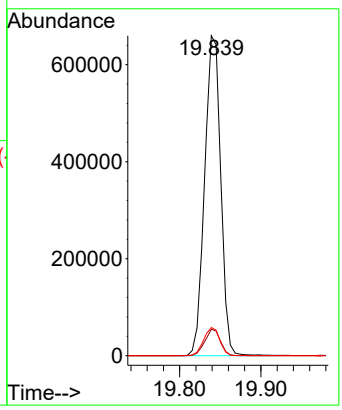
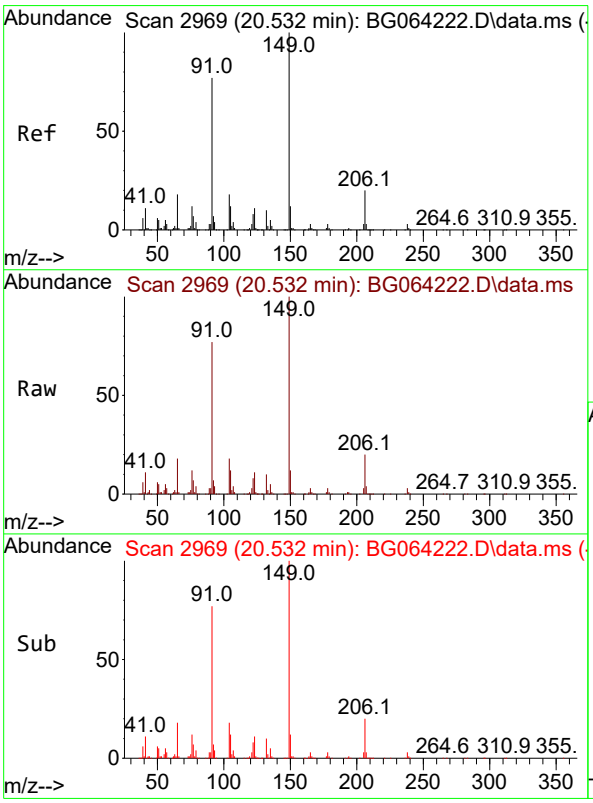
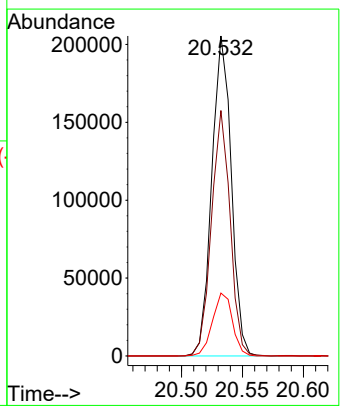


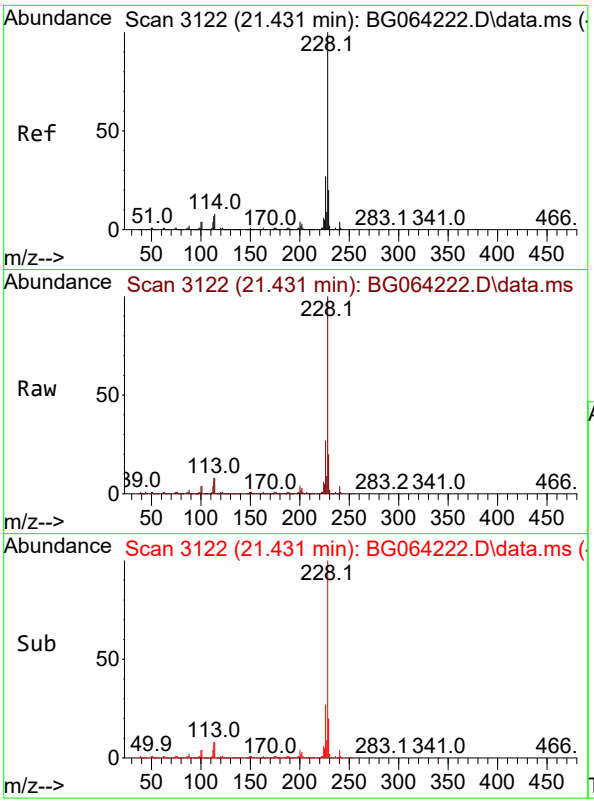


#80
Butylbenzylphthalate
Concen: 41.610 ng
RT: 20.532 min Scan# 2969
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 228304

Ion	Ratio	Lower	Upper
149	100		
91	76.7	61.4	92.0
206	19.7	15.8	23.6

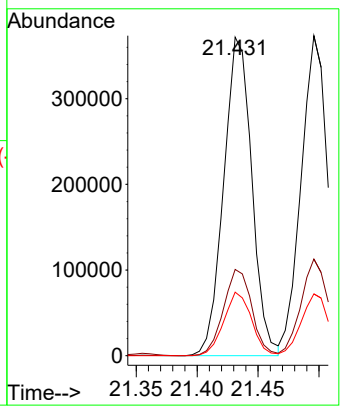




#81
Benzo(a)anthracene
Concen: 40.530 ng
RT: 21.431 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:228 Resp: 59871

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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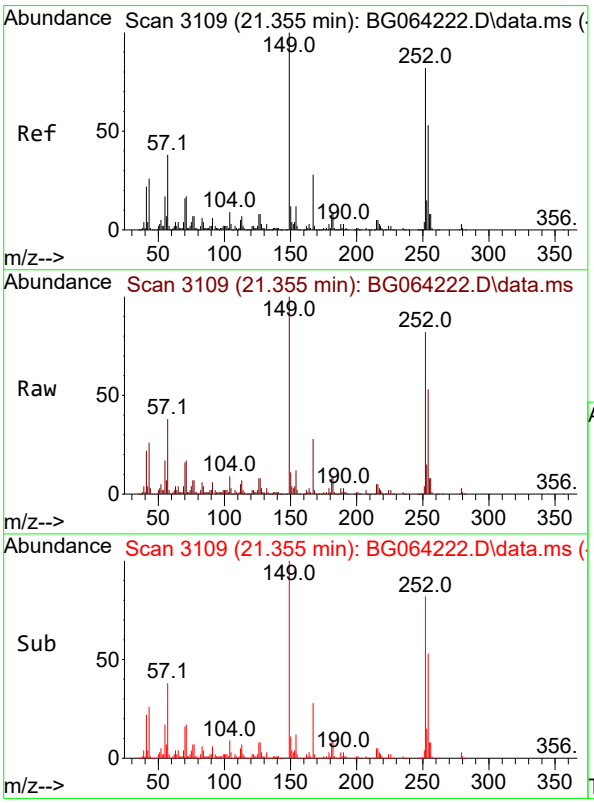
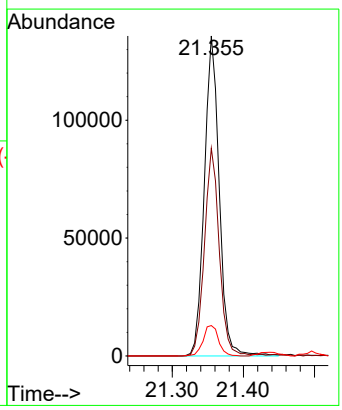
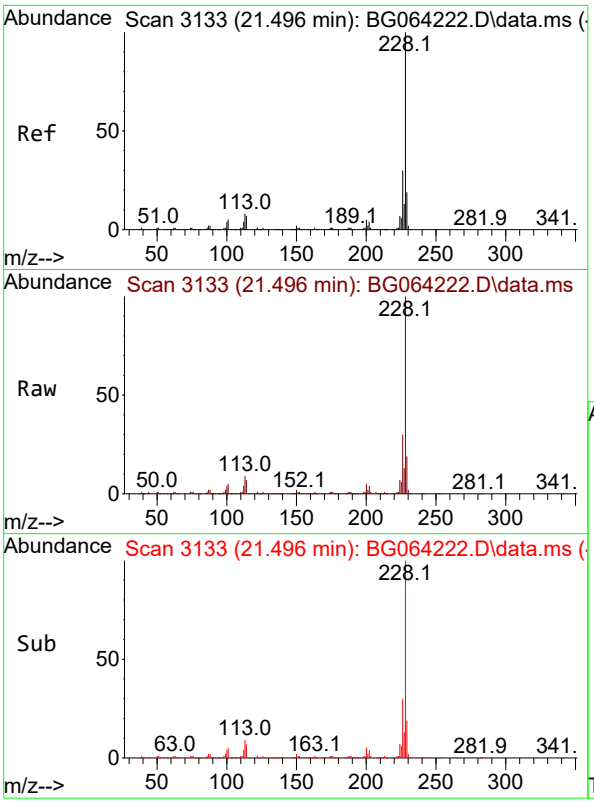


#82
3,3'-Dichlorobenzidine
Concen: 41.144 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 197938

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.5	7.6	11.4

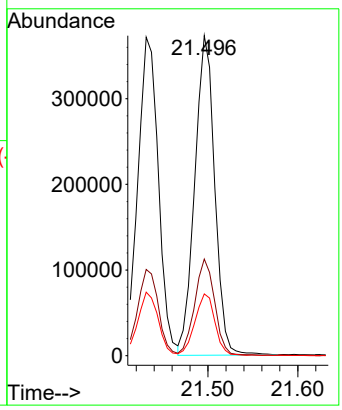




#83
Chrysene
Concen: 40.625 ng
RT: 21.496 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:228 Resp: 57612

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.3	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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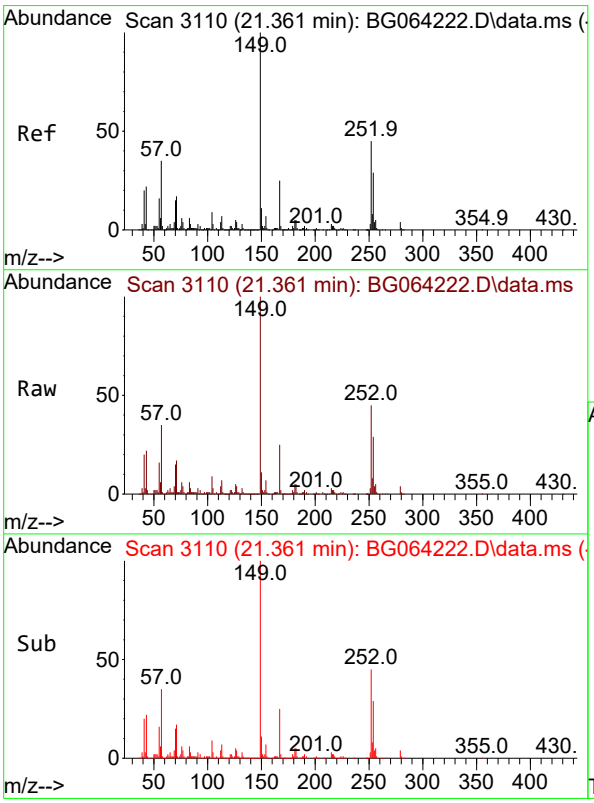
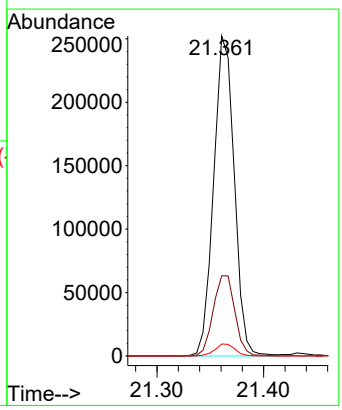
Supervised By :Jagrut Upadhyay 08/29/2025

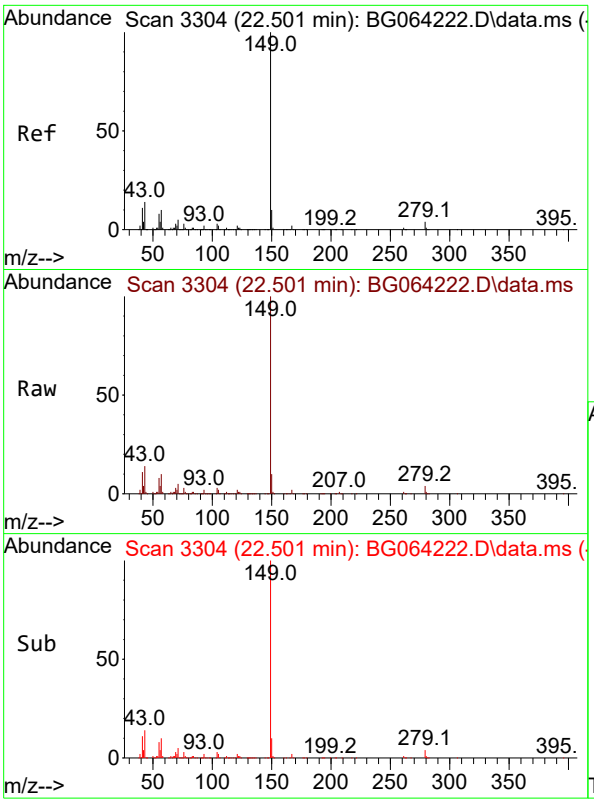


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.046 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 338114

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.0	30.0
279	3.7	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 40.652 ng
RT: 22.501 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 58348

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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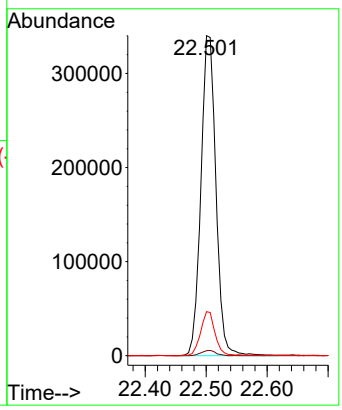
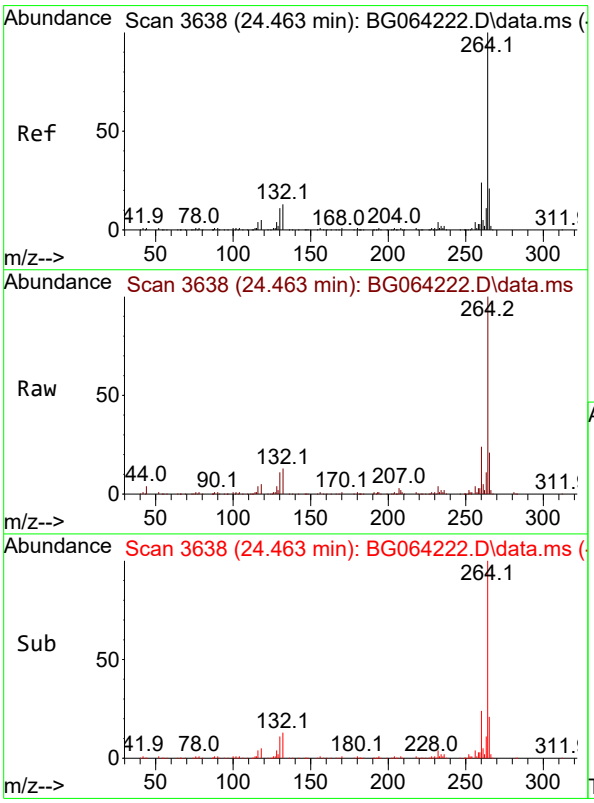
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

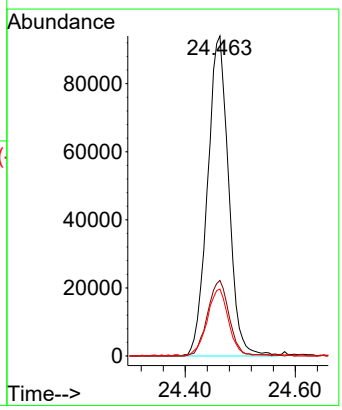


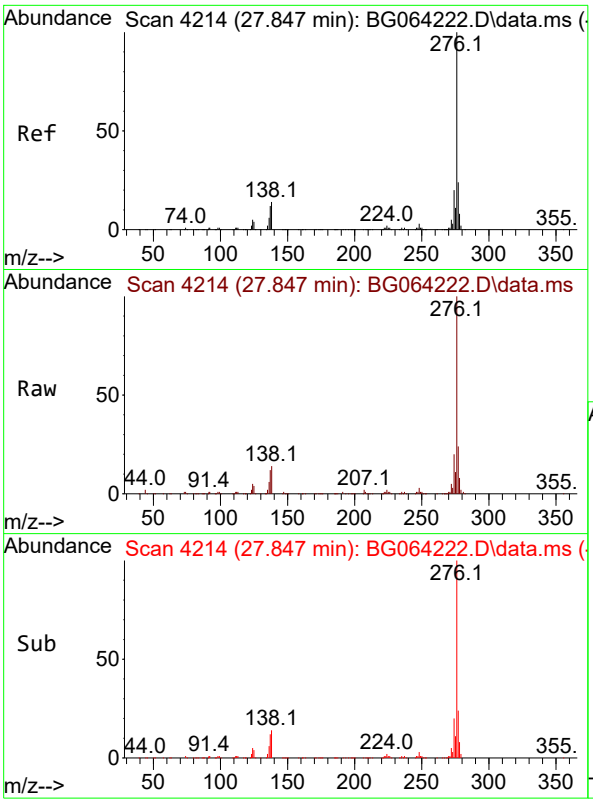


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:264 Resp: 249993

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	20.9	16.7	25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.973 ng
RT: 27.847 min Scan# 4
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:276 Resp: 69950

Ion	Ratio	Lower	Upper
276	100		
138	9.2	7.4	11.0
277	25.6	20.5	30.7

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
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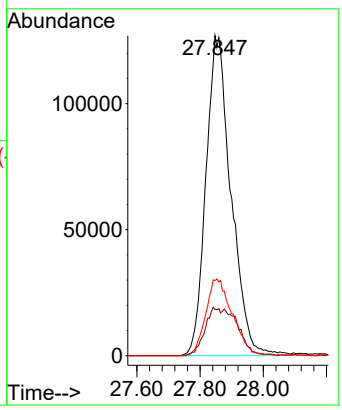
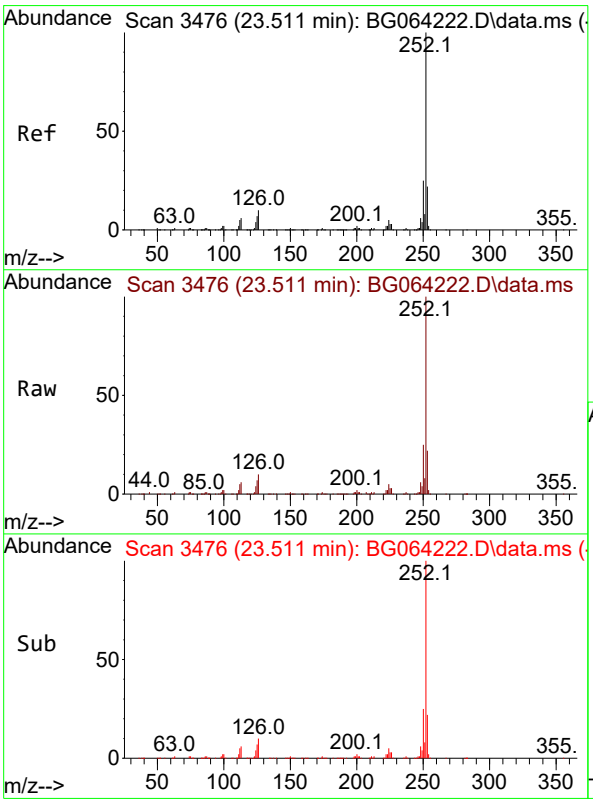
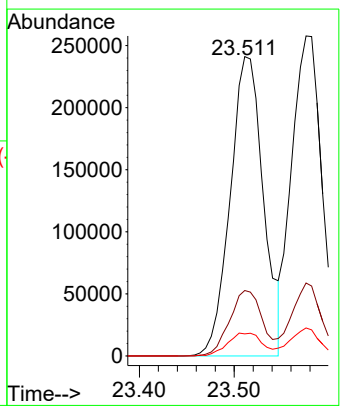


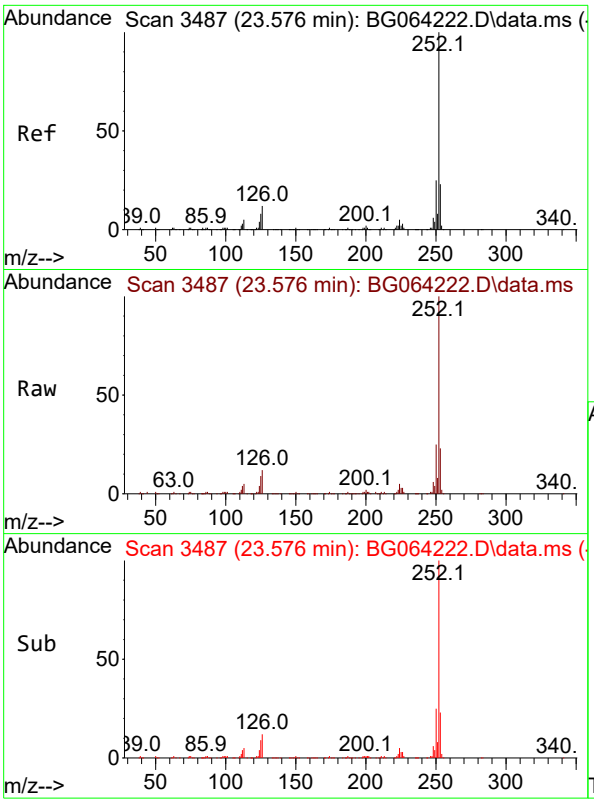


#88
Benzo(b)fluoranthene
Concen: 41.666 ng
RT: 23.511 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 587871

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.4	5.9	8.9

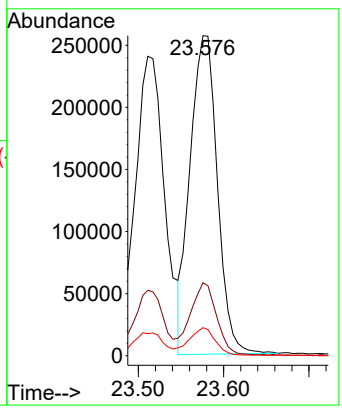




#89
Benzo(k)fluoranthene
Concen: 39.695 ng
RT: 23.576 min Scan# 34
Delta R.T. -0.012 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 57058

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	8.7	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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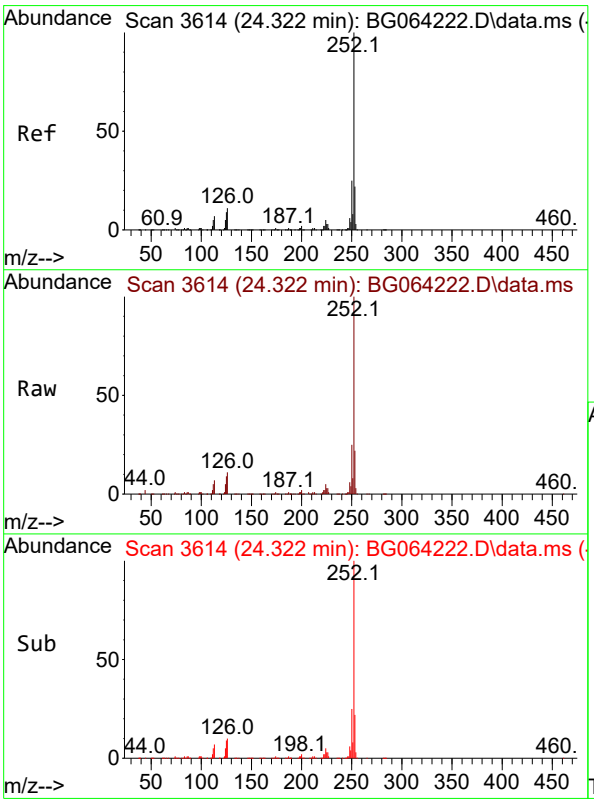
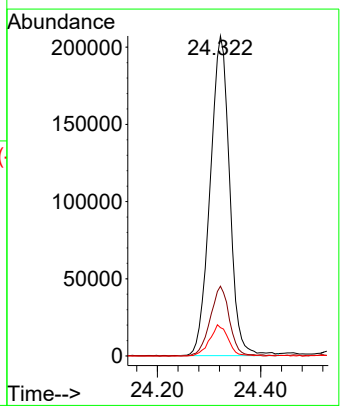
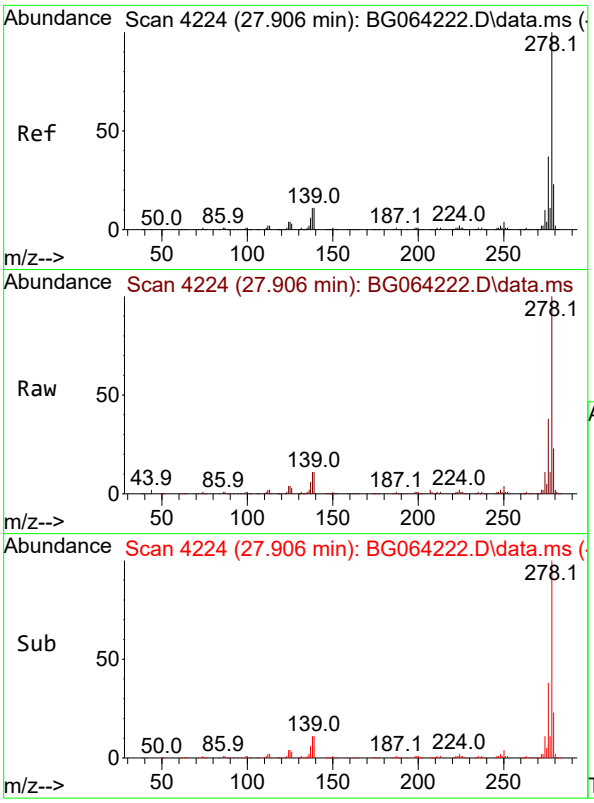


#90
Benzo(a)pyrene
Concen: 41.278 ng
RT: 24.322 min Scan# 3614
Delta R.T. -0.006 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 541764

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.8	7.0	10.6

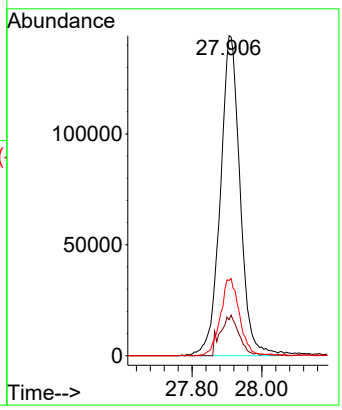




#91
Dibenzo(a,h)anthracene
Concen: 41.382 ng
RT: 27.906 min Scan# 4
Delta R.T. -0.018 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:278 Resp: 56724

Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.0	13.4
279	23.5	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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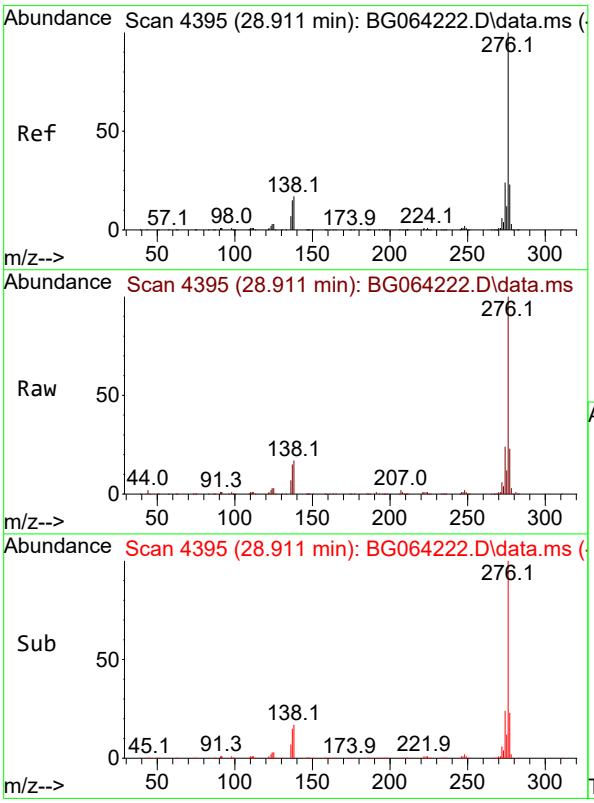
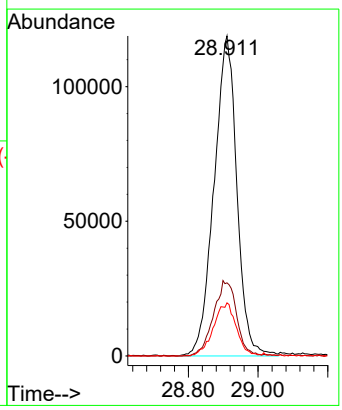


#92
Benzo(g,h,i)perylene
Concen: 40.590 ng
RT: 28.911 min Scan# 4395
Delta R.T. -0.024 min
Lab File: BG064222.D
Acq: 28 Aug 2025 13:33

Tgt Ion:276 Resp: 541401

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.2	27.4
138	16.6	13.3	19.9



Quantitation Report (QT Reviewed)

ICAL Form

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Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	33981	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	162789	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	113459	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	260584	20.000	ng		0.00
76) Chrysene-d12	21.457	240	265427	20.000	ng		0.00
86) Perylene-d12	24.465	264	291787	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	182705	96.463	ng		0.00
7) Phenol-d6	7.027	99	258550	99.362	ng		0.00
23) Nitrobenzene-d5	9.012	82	290513	99.528	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	148084	98.538	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	730952	98.334	ng		0.00
79) Terphenyl-d14	19.841	244	1218425	95.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	36549	46.296	ng		91
3) Pyridine	3.748	79	111747	48.087	ng	#	62
4) n-Nitrosodimethylamine	3.666	42	76108	49.514	ng		95
6) Aniline	7.185	93	182696	50.772	ng		98
8) 2-Chlorophenol	7.420	128	115532	49.917	ng		95
9) Benzaldehyde	6.997	77	101310m	47.310	ng		
10) Phenol	7.050	94	147768	51.508	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	106590	49.444	ng		95
12) 1,3-Dichlorobenzene	7.749	146	118413	48.091	ng		93
13) 1,4-Dichlorobenzene	7.890	146	121131	48.745	ng		98
14) 1,2-Dichlorobenzene	8.208	146	115952	48.346	ng		97
15) Benzyl Alcohol	8.096	79	121664	50.666	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	240049	48.772	ng		97
17) 2-Methylphenol	8.296	107	103441	48.380	ng		95
18) Hexachloroethane	8.936	117	48573	50.074	ng		92
19) n-Nitroso-di-n-propyla...	8.666	70	102918	51.679	ng		93
20) 3+4-Methylphenols	8.625	107	148663	50.040	ng		95
22) Acetophenone	8.678	105	201707	48.977	ng	#	99
24) Nitrobenzene	9.054	77	153531	50.343	ng		100
25) Isophorone	9.577	82	298308	49.174	ng		98
26) 2-Nitrophenol	9.759	139	67834	51.476	ng		87
27) 2,4-Dimethylphenol	9.823	122	112443	48.601	ng		99
28) bis(2-Chloroethoxy)met...	10.058	93	158665	48.505	ng		95
29) 2,4-Dichlorophenol	10.293	162	121661	49.838	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	125532	48.771	ng		99
31) Naphthalene	10.699	128	408504	48.392	ng		98
32) Benzoic acid	9.982	122	100402m	54.670	ng		
33) 4-Chloroaniline	10.799	127	167341	51.147	ng		99
34) Hexachlorobutadiene	10.987	225	91046	47.853	ng		90
35) Caprolactam	11.586	113	45631	48.275	ng	#	87
36) 4-Chloro-3-methylphenol	11.927	107	157192	49.630	ng		94
37) 2-Methylnaphthalene	12.309	142	308014	49.089	ng		97
38) 1-Methylnaphthalene	12.526	142	299438	48.315	ng		98
40) 1,2,4,5-Tetrachloroben...	12.673	216	164947	50.386	ng		98
41) Hexachlorocyclopentadiene	12.655	237	82228	52.851	ng		99
43) 2,4,6-Trichlorophenol	12.914	196	108841	49.743	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	120763	50.879	ng		97
46) 1,1'-Biphenyl	13.319	154	410868	49.719	ng		99
47) 2-Chloronaphthalene	13.360	162	310870	50.039	ng		99
48) 2-Nitroaniline	13.560	65	111792	52.795	ng		97
49) Acenaphthylene	14.206	152	455916	49.644	ng		99
50) Dimethylphthalate	13.942	163	414776	48.298	ng		99
51) 2,6-Dinitrotoluene	14.054	165	85196	51.244	ng		94
52) Acenaphthene	14.547	154	320309	49.423	ng		96
53) 3-Nitroaniline	14.383	138	89170	51.202	ng		99
54) 2,4-Dinitrophenol	14.588	184	52115	50.240	ng		87
55) Dibenzofuran	14.882	168	499696	49.018	ng		98
56) 4-Nitrophenol	14.694	139	73126	51.188	ng		93
57) 2,4-Dinitrotoluene	14.841	165	127679	50.791	ng	#	98
58) Fluorene	15.534	166	401649	48.071	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	117168	51.324	ng		97
60) Diethylphthalate	15.311	149	435581	47.393	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	204160	49.008	ng		99
62) 4-Nitroaniline	15.552	138	94189	53.002	ng		96
63) Azobenzene	15.816	77	399233	48.736	ng		97
65) 4,6-Dinitro-2-methylph...	15.605	198	78644	52.566	ng		97
66) n-Nitrosodiphenylamine	15.740	169	353288	49.284	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	137844	49.804	ng		94
68) Hexachlorobenzene	16.533	284	150620	49.006	ng		92
69) Atrazine	16.692	200	145808	48.714	ng		96
70) Pentachlorophenol	16.874	266	96347	51.699	ng	#	88
71) Phenanthrene	17.268	178	664429	48.343	ng		98
72) Anthracene	17.356	178	673083	48.144	ng		99
73) Carbazole	17.626	167	597673	48.528	ng		99
74) Di-n-butylphthalate	18.196	149	713842	48.243	ng		98
75) Fluoranthene	19.277	202	767254	47.477	ng		97
77) Benzidine	19.459	184	255340	45.730	ng		100
78) Pyrene	19.635	202	806963	48.257	ng		99
80) Butylbenzylphthalate	20.534	149	314706	49.896	ng		98
81) Benzo(a)anthracene	21.433	228	828398	48.784	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	272006	49.185	ng		97
83) Chrysene	21.498	228	798825	49.001	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	472845	49.934	ng		98
85) Di-n-octyl phthalate	22.508	149	814659	49.375	ng		99
87) Indeno(1,2,3-cd)pyrene	27.867	276	983131	49.338	ng	#	96
88) Benzo(b)fluoranthene	23.519	252	805106	48.889	ng		99
89) Benzo(k)fluoranthene	23.584	252	825274	49.190	ng		98
90) Benzo(a)pyrene	24.330	252	763697	49.853	ng		99
91) Dibenzo(a,h)anthracene	27.920	278	793072	49.569	ng		98
92) Benzo(g,h,i)perylene	28.924	276	760245	48.833	ng		99

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

ICAL Form

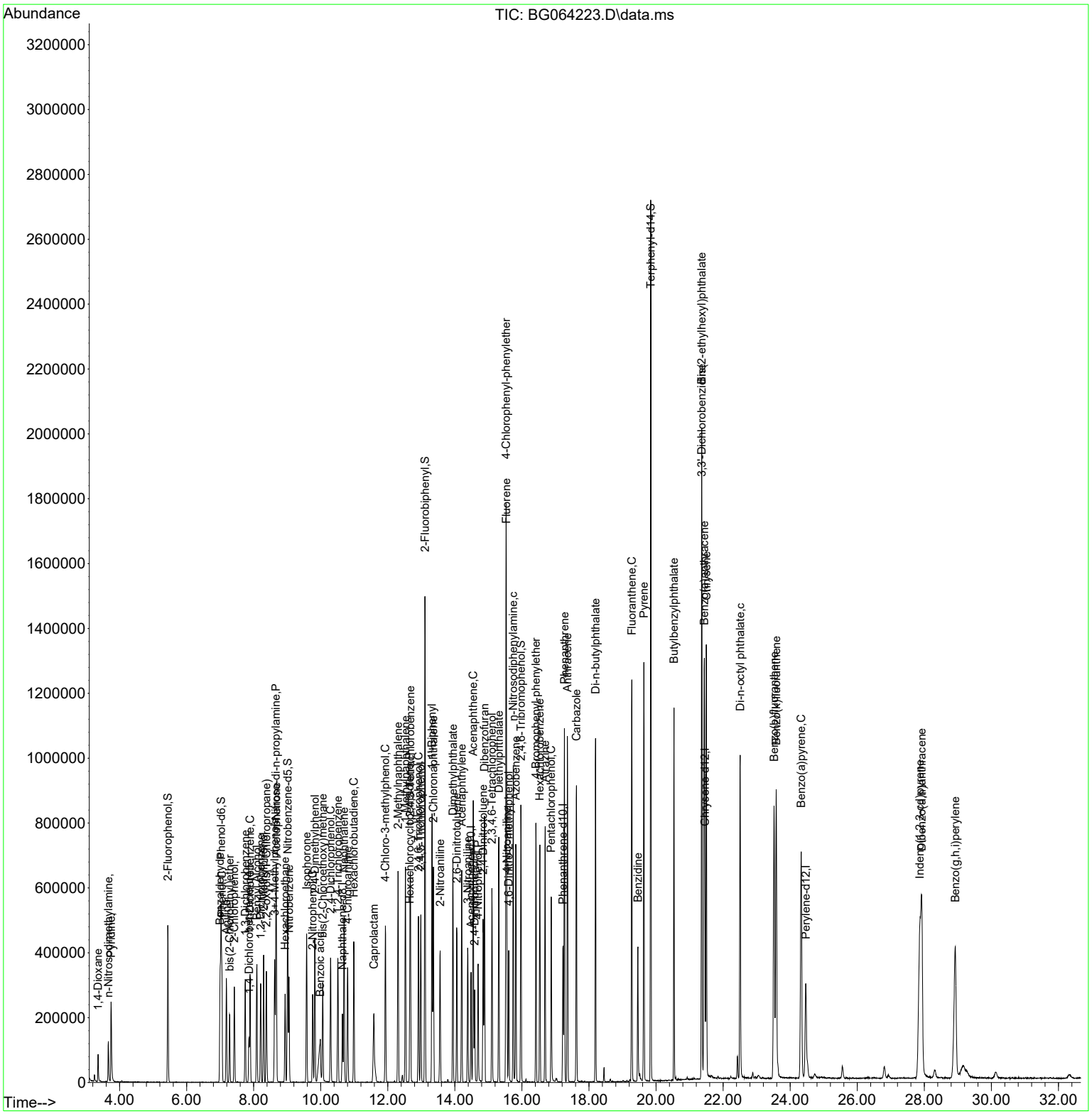
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

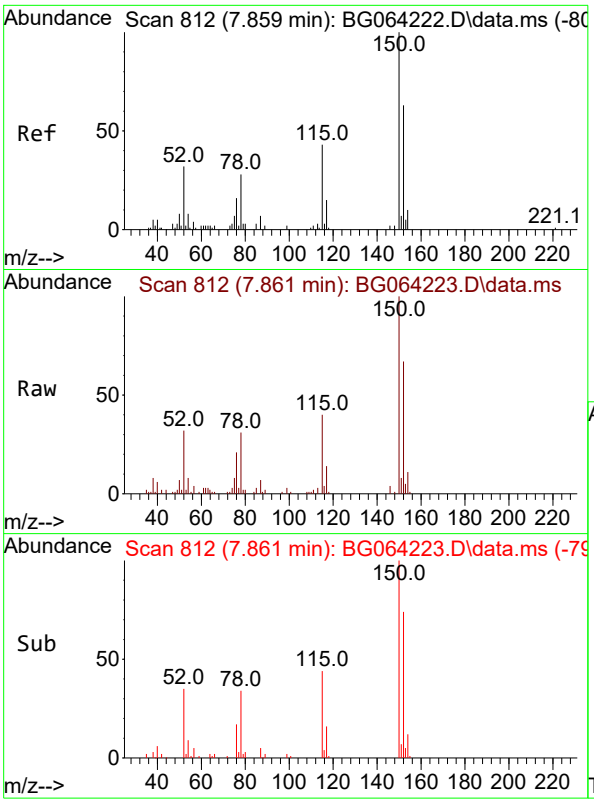
Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

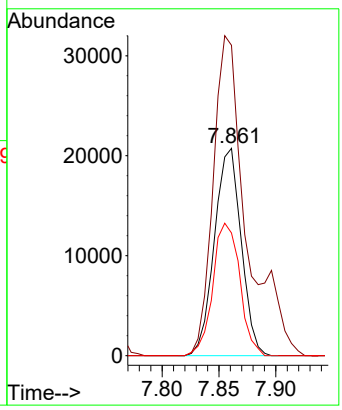




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:152 Resp: 3398

Ion	Ratio	Lower	Upper
152	100		
150	149.7	128.0	192.0
115	59.2	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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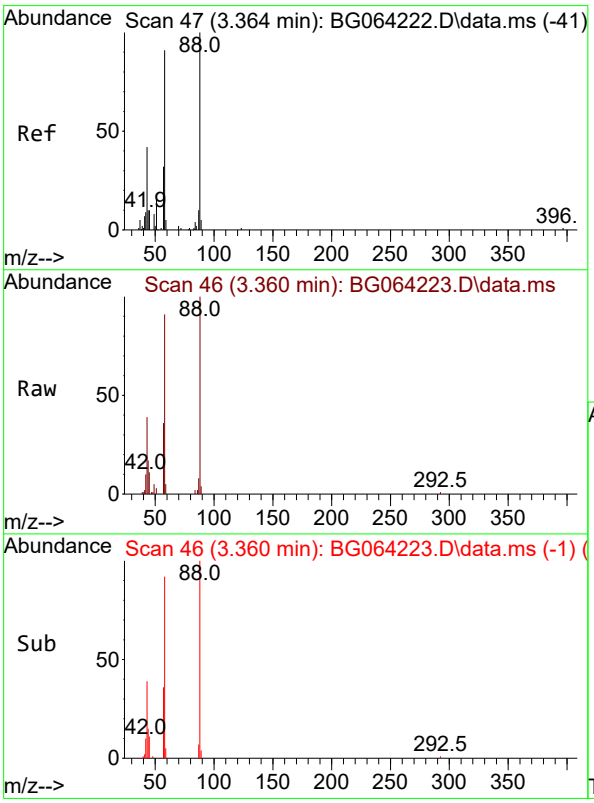
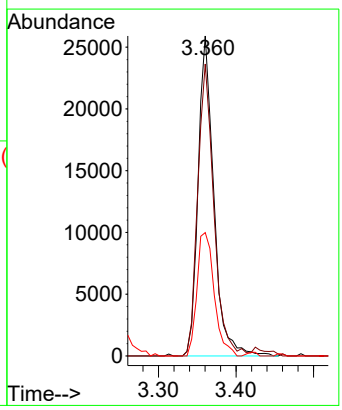
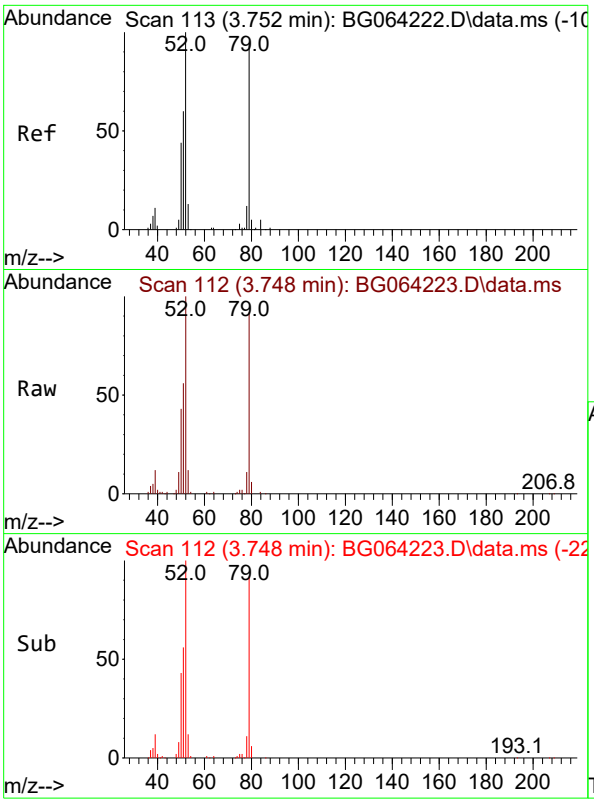


#2
1,4-Dioxane
Concen: 46.296 ng
RT: 3.360 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 88 Resp: 36549

Ion	Ratio	Lower	Upper
88	100		
58	93.6	80.8	121.2
43	42.1	40.3	60.5

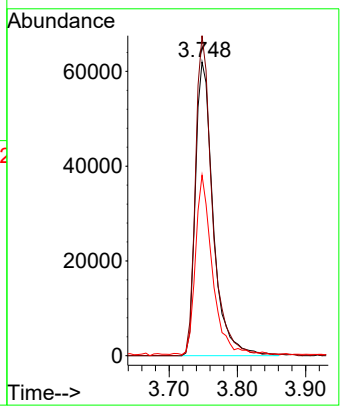




#3
Pyridine
Concen: 48.087 ng
RT: 3.748 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 79 Resp: 11174

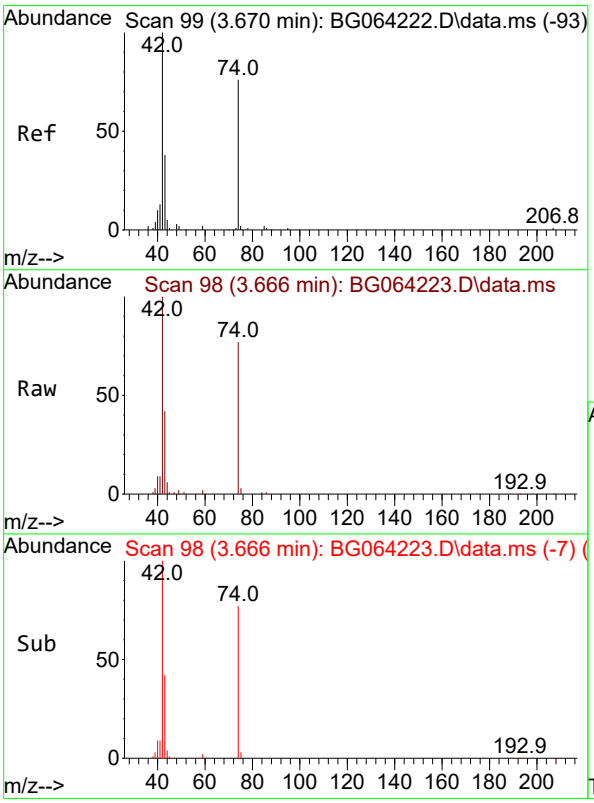
Ion	Ratio	Lower	Upper
79	100		
52	108.9	86.6	129.8
51	61.5	114.1	171.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

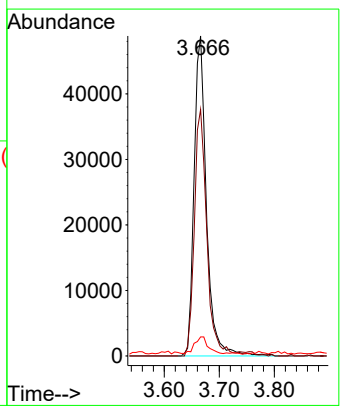
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

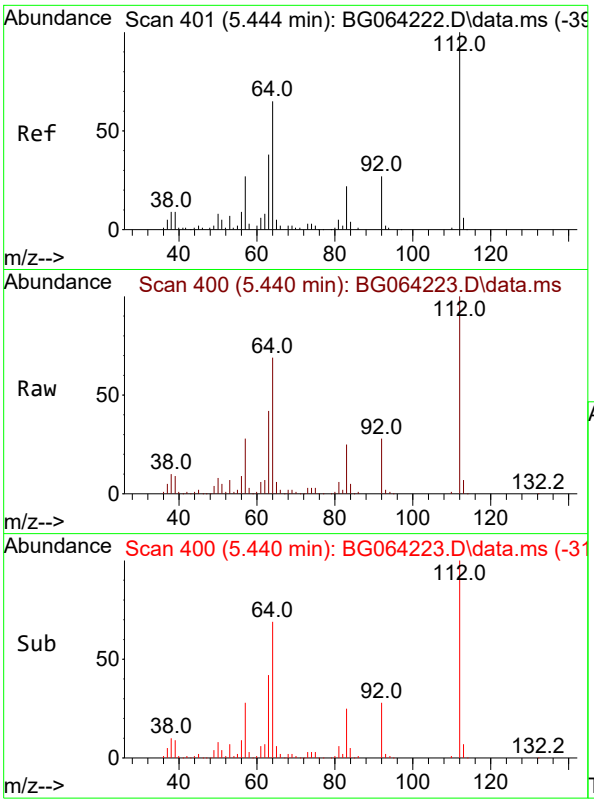


#4
n-Nitrosodimethylamine
Concen: 49.514 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 42 Resp: 76108

Ion	Ratio	Lower	Upper
42	100		
74	77.0	58.0	87.0
44	5.9	5.5	8.3

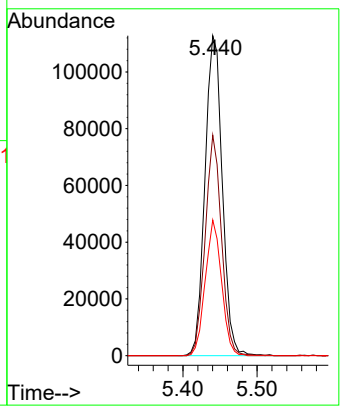




#5
2-Fluorophenol
Concen: 96.463 ng
RT: 5.440 min Scan# 4(
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:112 Resp: 18270

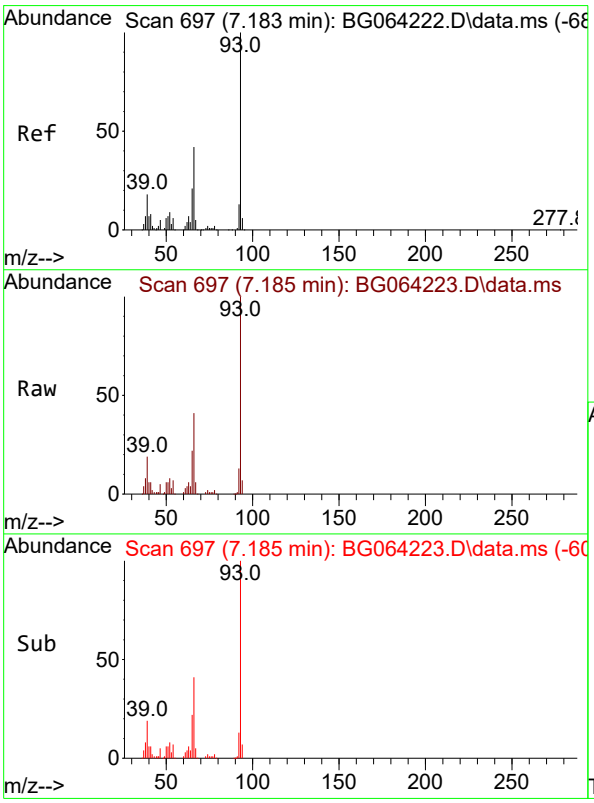
Ion	Ratio	Lower	Upper
112	100		
64	68.9	51.8	77.6
63	42.4	30.6	45.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

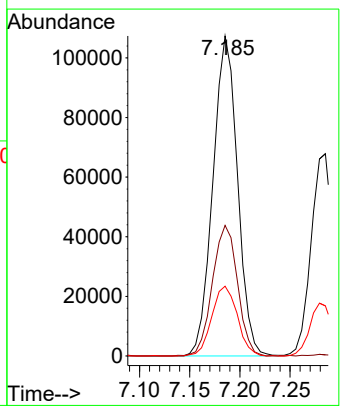
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

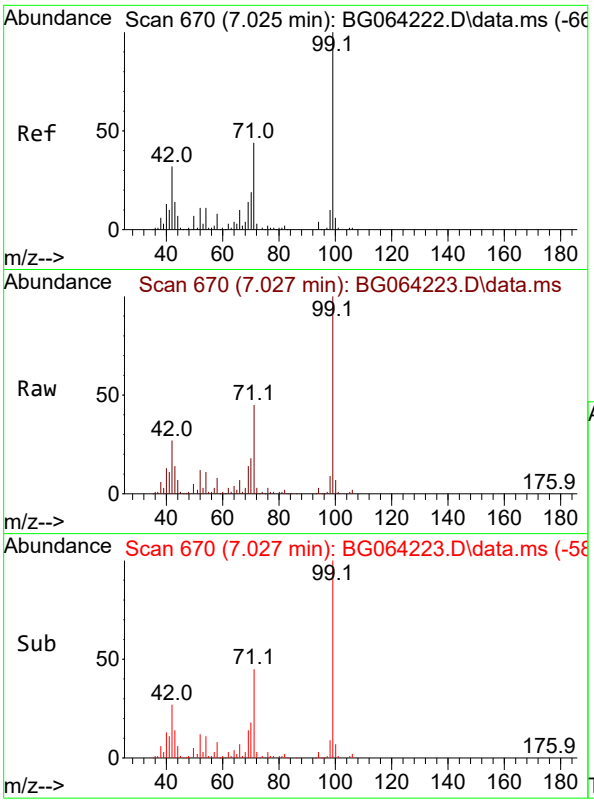


#6
Aniline
Concen: 50.772 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 93 Resp: 182696

Ion	Ratio	Lower	Upper
93	100		
66	40.8	33.8	50.8
65	21.8	16.9	25.3

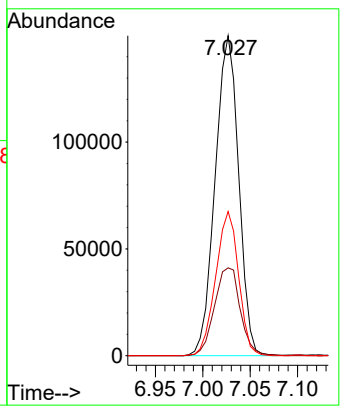




#7
Phenol-d6
Concen: 99.362 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 99 Resp: 25855

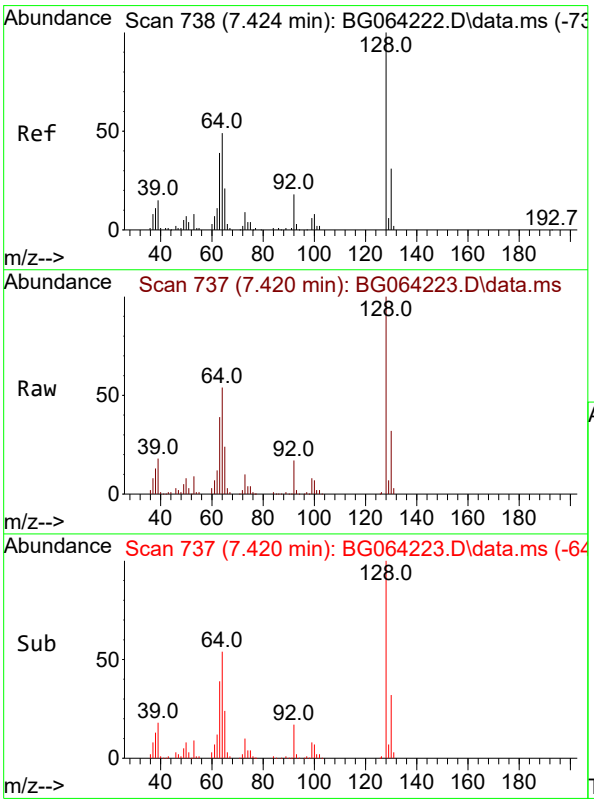
Ion	Ratio	Lower	Upper
99	100		
42	27.5	25.8	38.8
71	45.1	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

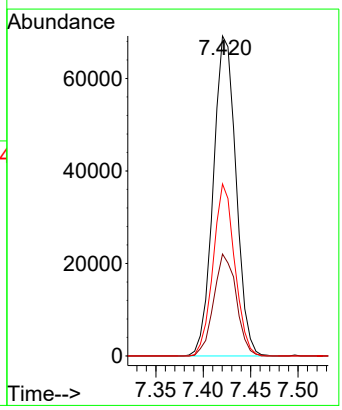
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

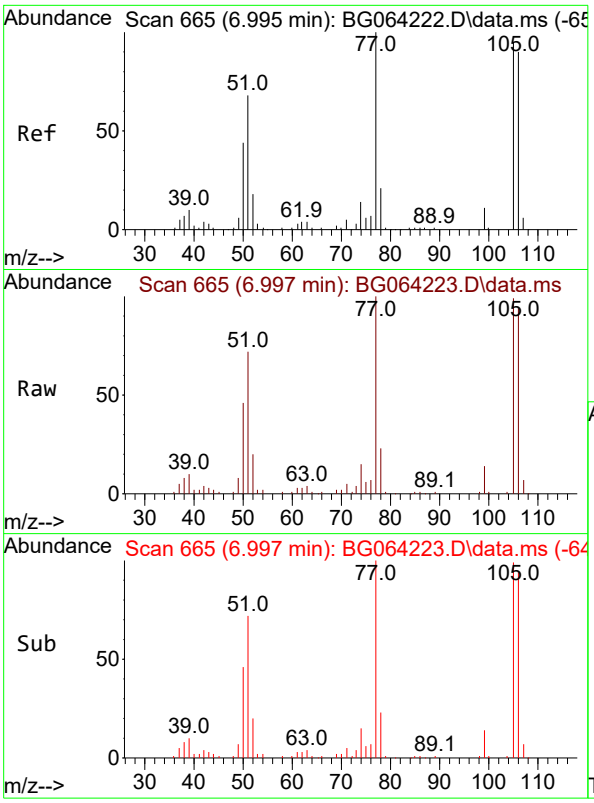


#8
2-Chlorophenol
Concen: 49.917 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:128 Resp: 115532

Ion	Ratio	Lower	Upper
128	100		
130	31.8	10.9	50.9
64	53.8	28.7	68.7

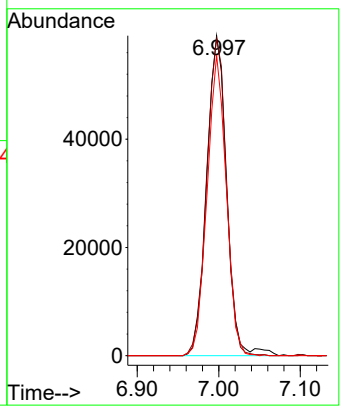




#9
Benzaldehyde
Concen: 47.310 ng m
RT: 6.997 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 77 Resp: 10131

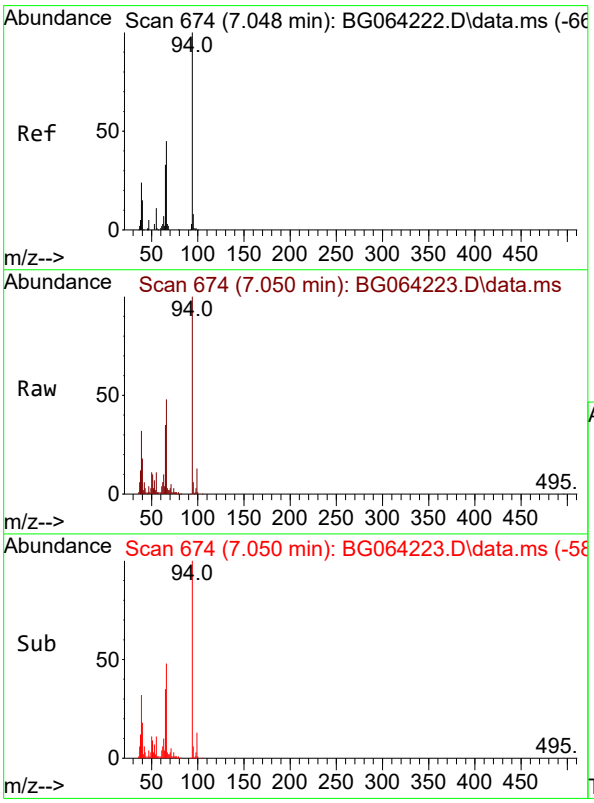
Ion	Ratio	Lower	Upper
77	100		
105	99.0	75.2	115.2
106	94.0	69.6	109.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

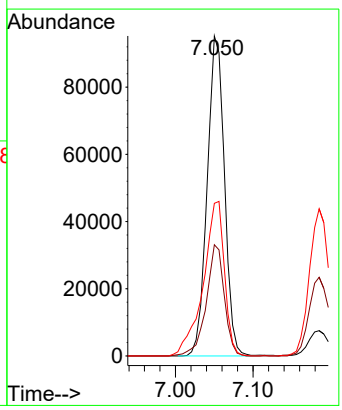
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

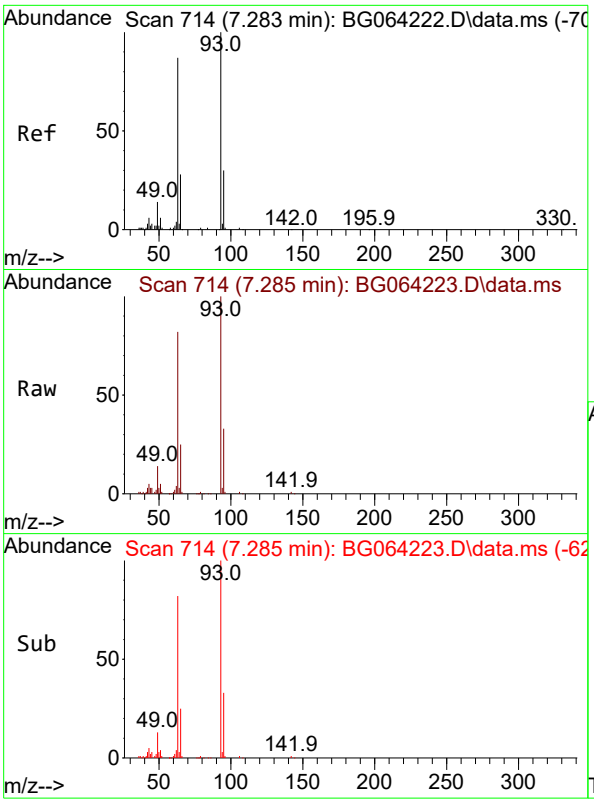


#10
Phenol
Concen: 51.508 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 94 Resp: 147768

Ion	Ratio	Lower	Upper
94	100		
65	34.8	13.5	53.5
66	47.7	26.2	66.2

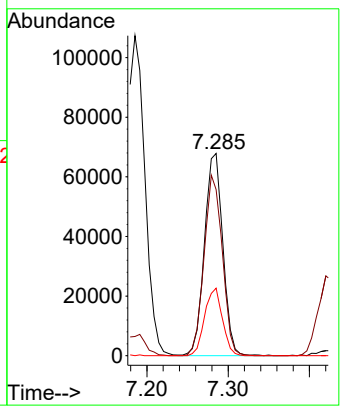




#11
bis(2-Chloroethyl)ether
Concen: 49.444 ng
RT: 7.285 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 93 Resp: 10659

Ion	Ratio	Lower	Upper
93	100		
63	82.1	66.2	106.2
95	33.4	9.8	49.8



Instrument :
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ClientSampleId :
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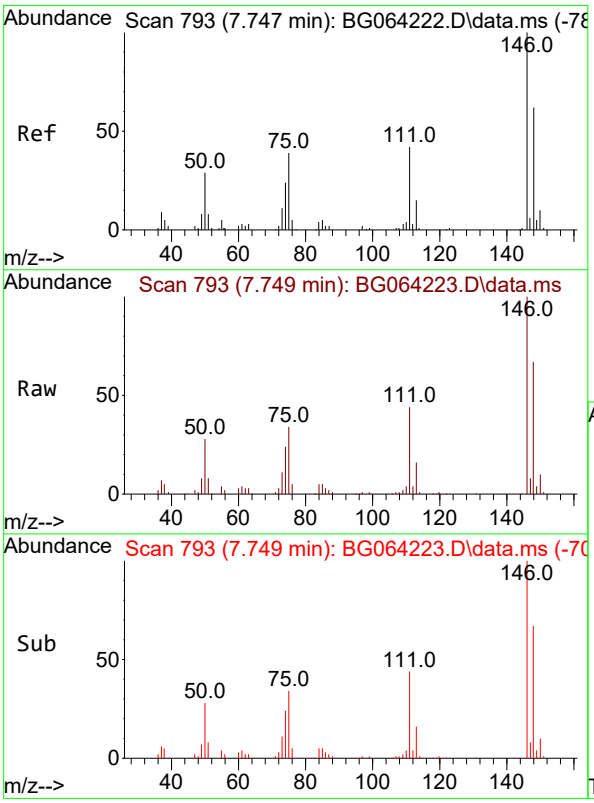
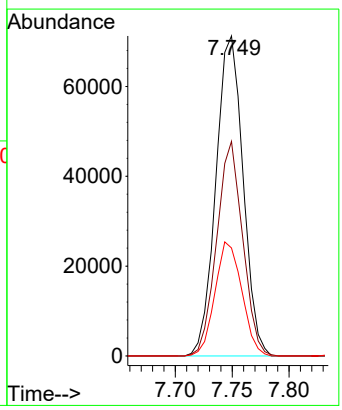
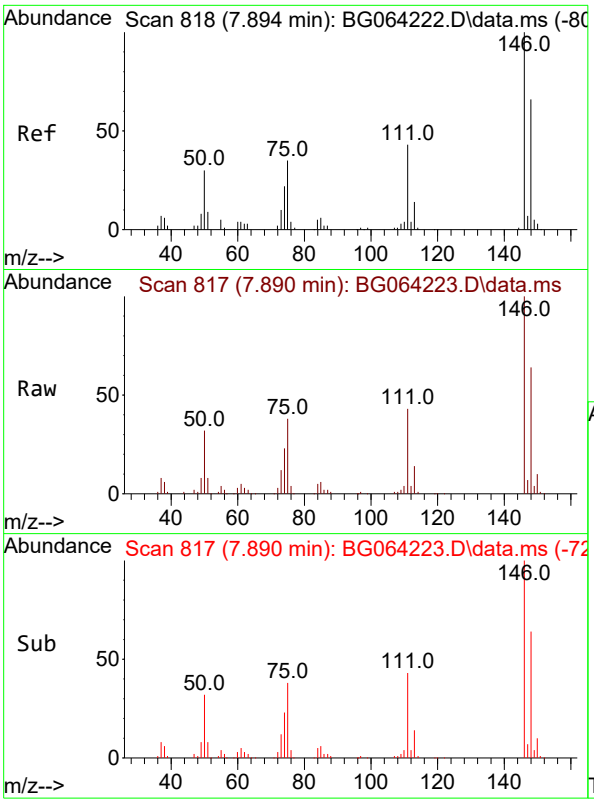


#12
1,3-Dichlorobenzene
Concen: 48.091 ng
RT: 7.749 min Scan# 793
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:146 Resp: 118413

Ion	Ratio	Lower	Upper
146	100		
148	67.0	49.6	74.4
75	33.7	31.0	46.6

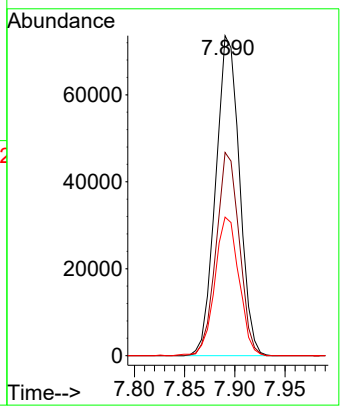




#13
1,4-Dichlorobenzene
Concen: 48.745 ng
RT: 7.890 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:146 Resp: 12113

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.8	79.2
111	43.3	34.1	51.1



Instrument :
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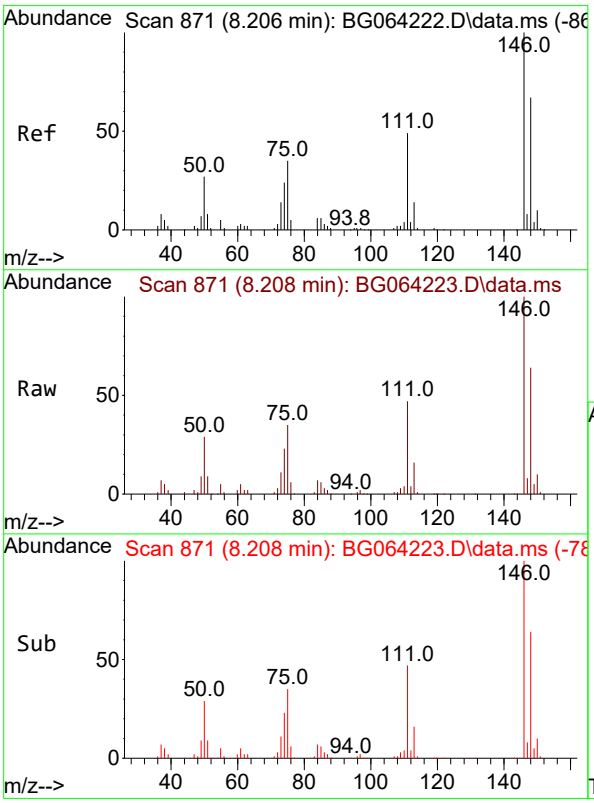
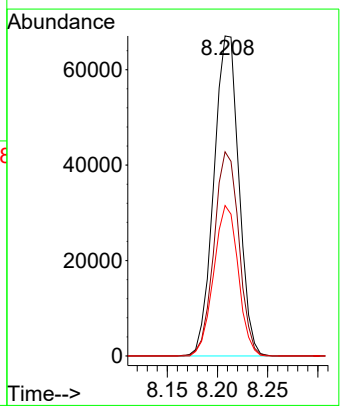
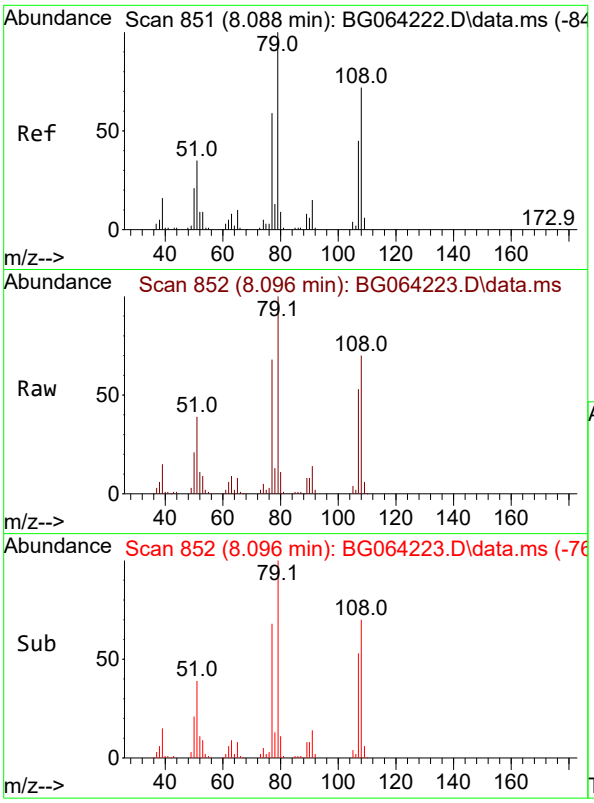


#14
1,2-Dichlorobenzene
Concen: 48.346 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:146 Resp: 115952

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
111	47.0	39.1	58.7





#15
Benzyl Alcohol
Concen: 50.666 ng
RT: 8.096 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 79 Resp: 12166

Ion	Ratio	Lower	Upper
79	100		
108	70.2	57.4	86.0
77	67.6	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
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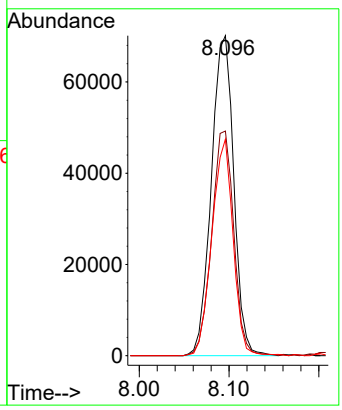
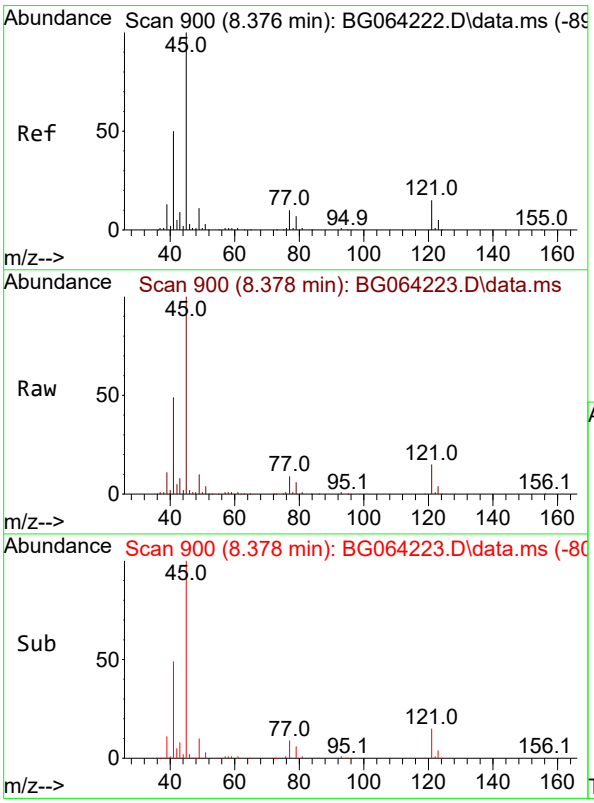
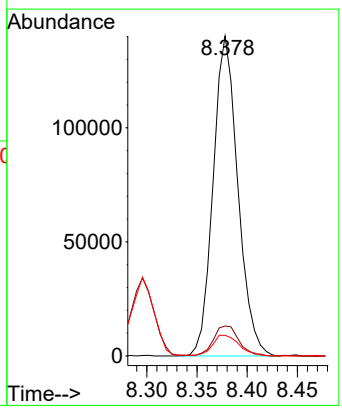


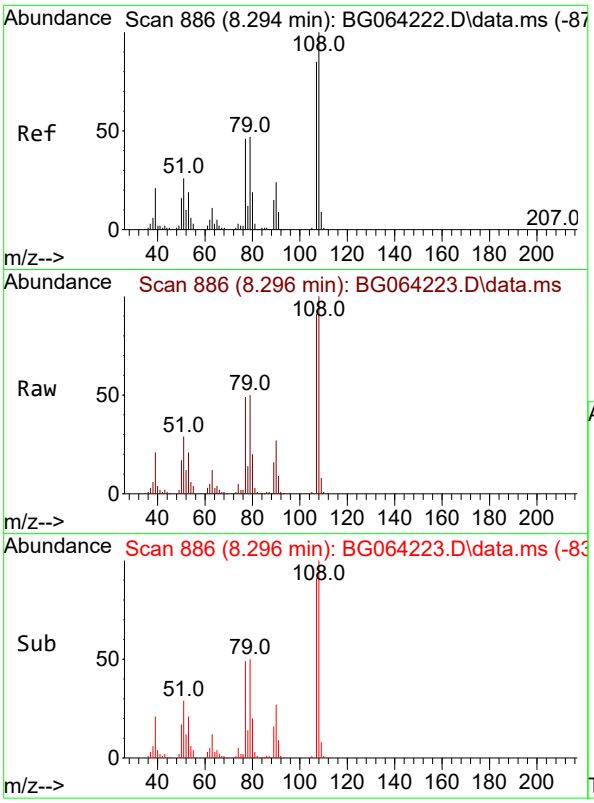


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.772 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 45 Resp: 240049

Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	30.0
79	6.5	0.0	27.9

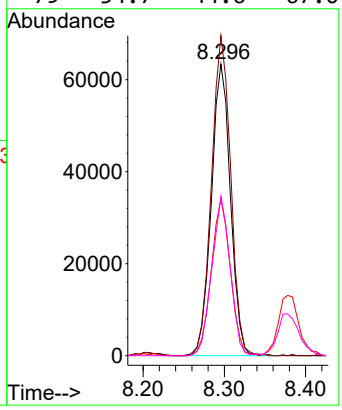




#17
2-Methylphenol
Concen: 48.380 ng
RT: 8.296 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 10344

Ion	Ratio	Lower	Upper
107	100		
108	109.8	94.6	141.8
77	53.9	43.7	65.5
79	54.7	44.6	67.0



Instrument :
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ClientSampleId :
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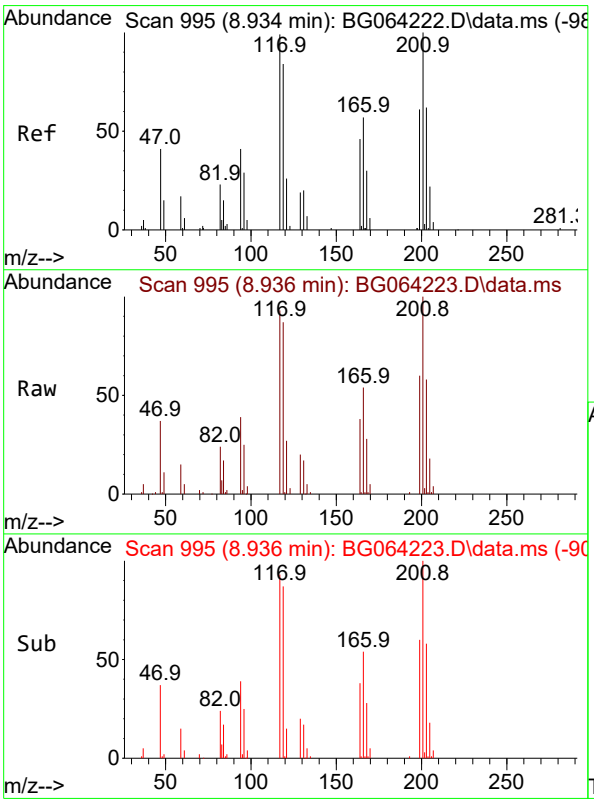
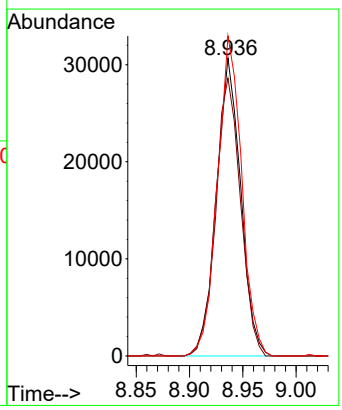
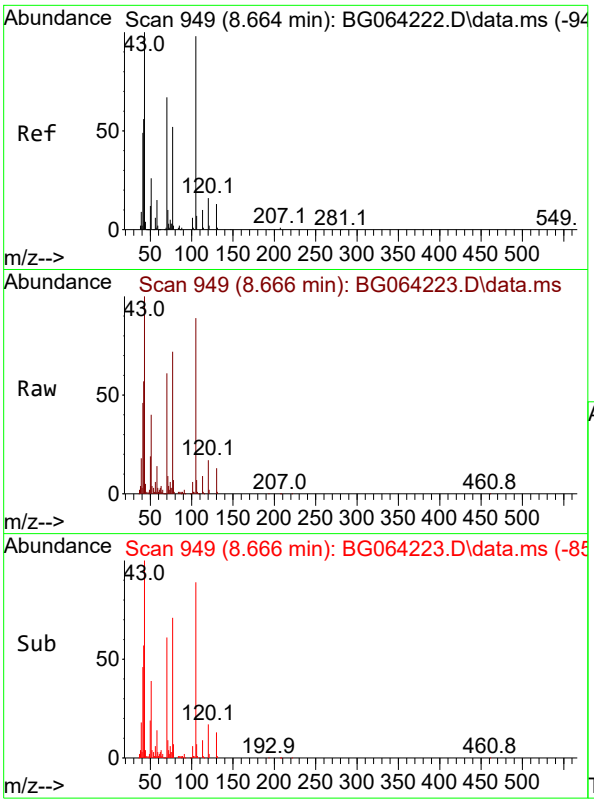


#18
Hexachloroethane
Concen: 50.074 ng
RT: 8.936 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:117 Resp: 48573

Ion	Ratio	Lower	Upper
117	100		
119	93.2	67.9	101.9
201	107.3	80.5	120.7

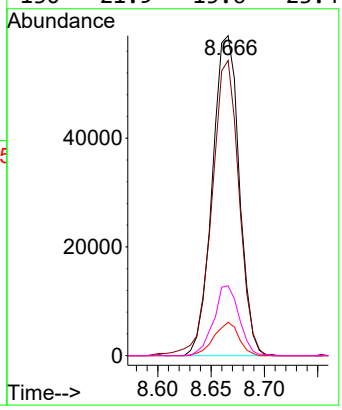




#19
n-Nitroso-di-n-propylamine
Concen: 51.679 ng
RT: 8.666 min Scan# 94
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 70 Resp: 10291

Ion	Ratio	Lower	Upper
70	100		
42	92.2	67.9	101.9
101	10.5	7.3	10.9
130	21.9	15.6	23.4



Instrument :
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ClientSampleId :
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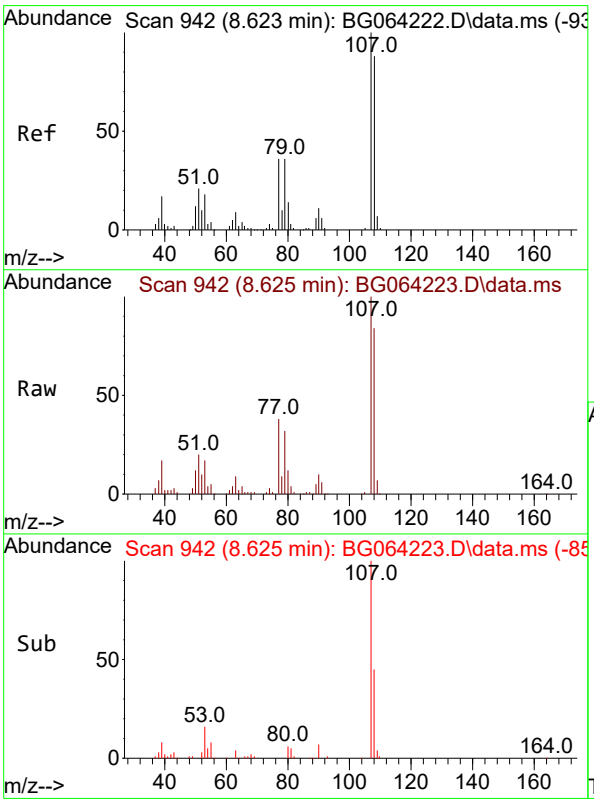
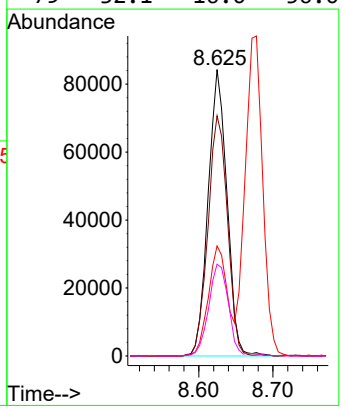
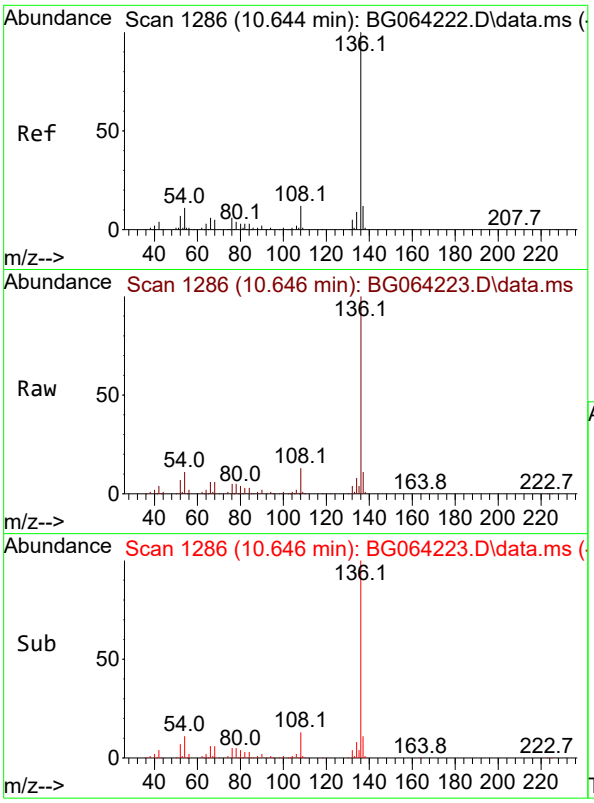


#20
3+4-Methylphenols
Concen: 50.040 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 148663

Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.1	108.1
77	38.4	15.9	55.9
79	32.1	16.0	56.0

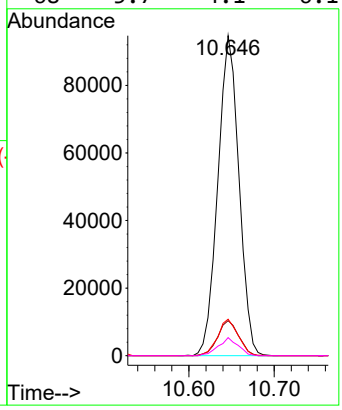




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:136 Resp: 16278

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.4	8.8	13.2
68	5.7	4.1	6.1



Instrument :
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ClientSampleId :
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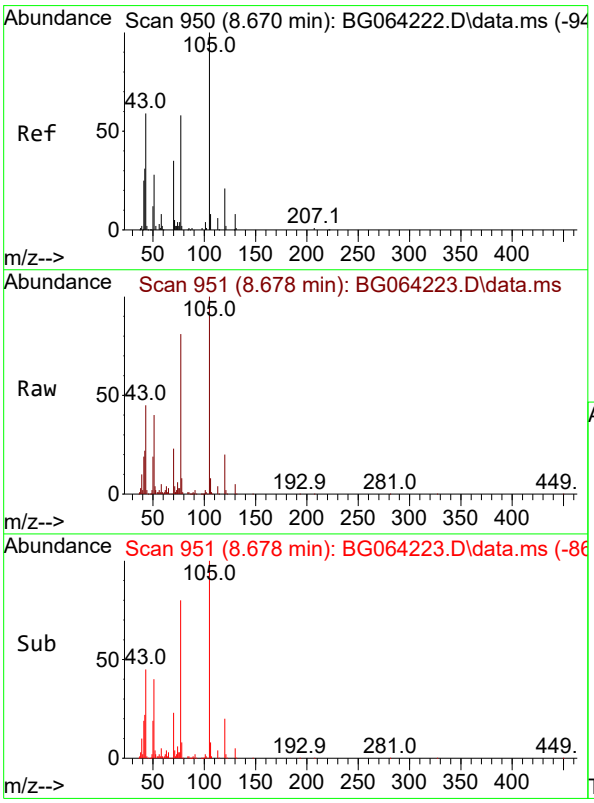
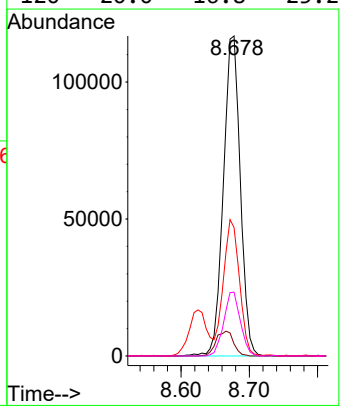
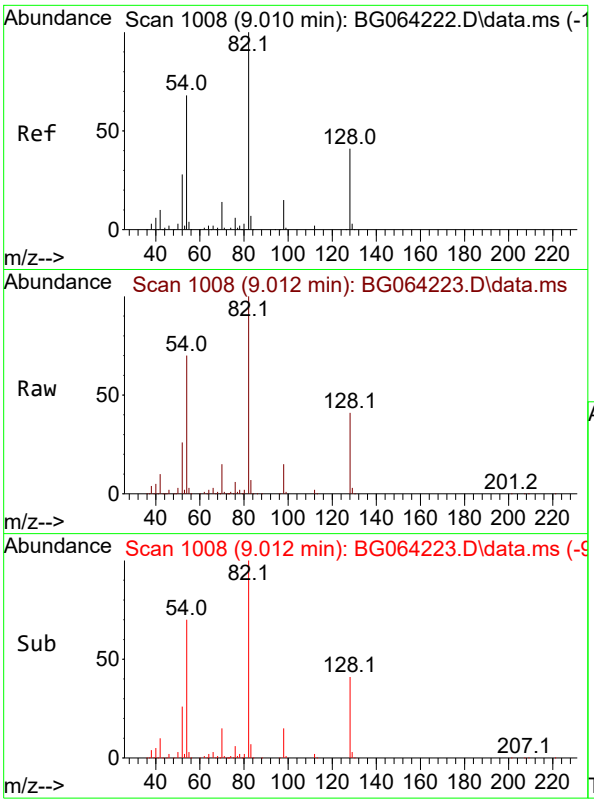


#22
Acetophenone
Concen: 48.977 ng
RT: 8.678 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:105 Resp: 201707

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.3	6.5#
51	40.2	32.4	48.6
120	20.0	16.8	25.2

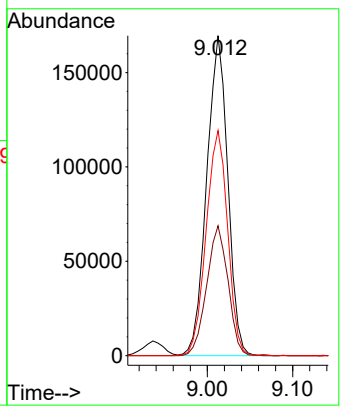




#23
Nitrobenzene-d5
Concen: 99.528 ng
RT: 9.012 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 82 Resp: 29051

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	70.4	54.7	82.1



Instrument :
BNA_G
ClientSampleId :
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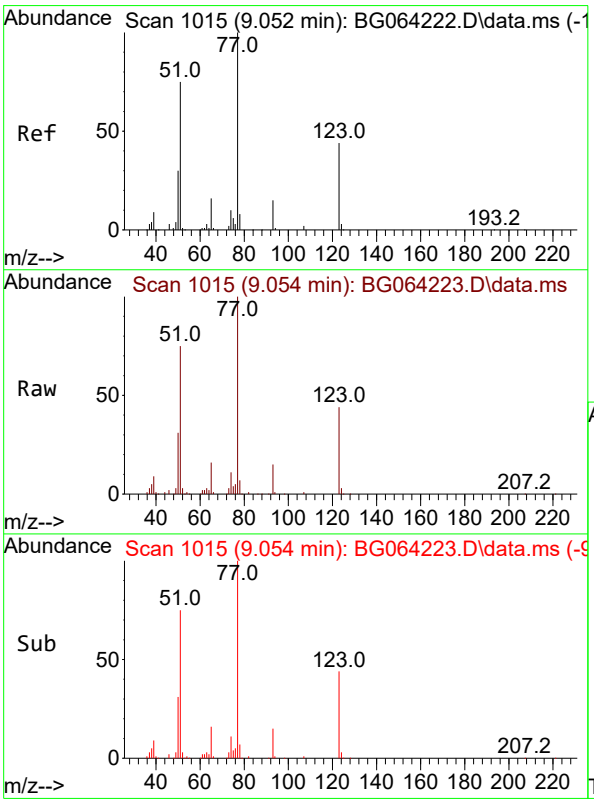
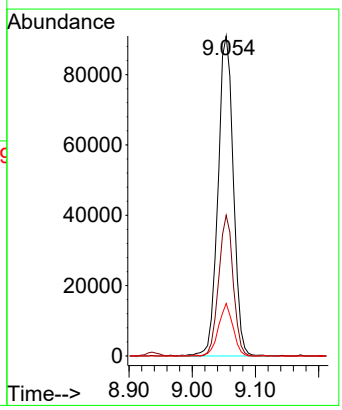
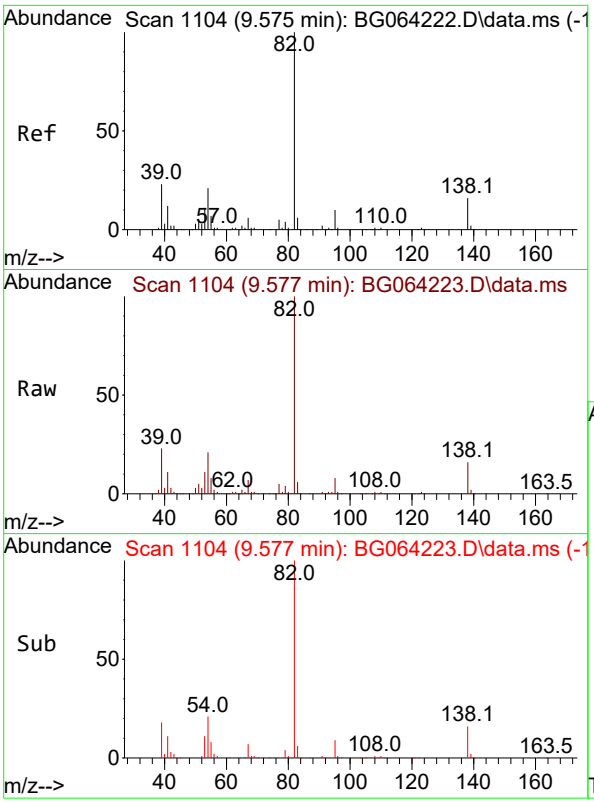


#24
Nitrobenzene
Concen: 50.343 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 77 Resp: 153531

Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.2	52.8
65	16.4	12.6	19.0

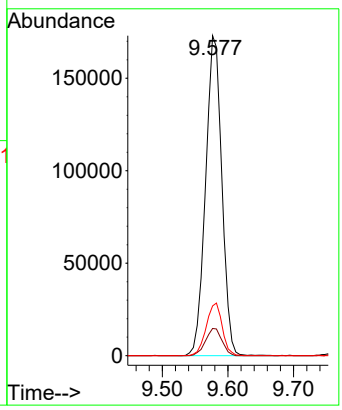




#25
Isophorone
Concen: 49.174 ng
RT: 9.577 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 82 Resp: 29830

Ion	Ratio	Lower	Upper
82	100		
95	8.5	7.9	11.9
138	15.5	13.0	19.4



Instrument :
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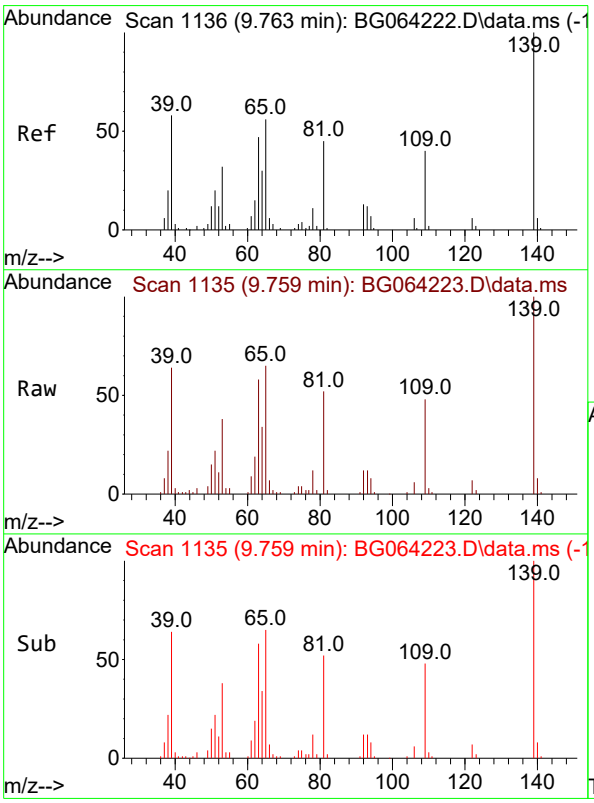
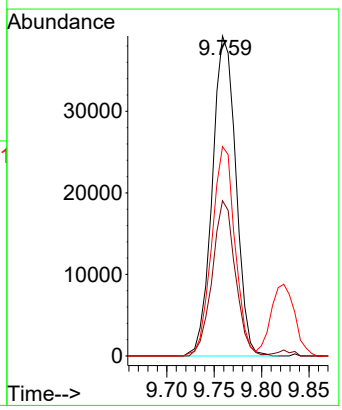
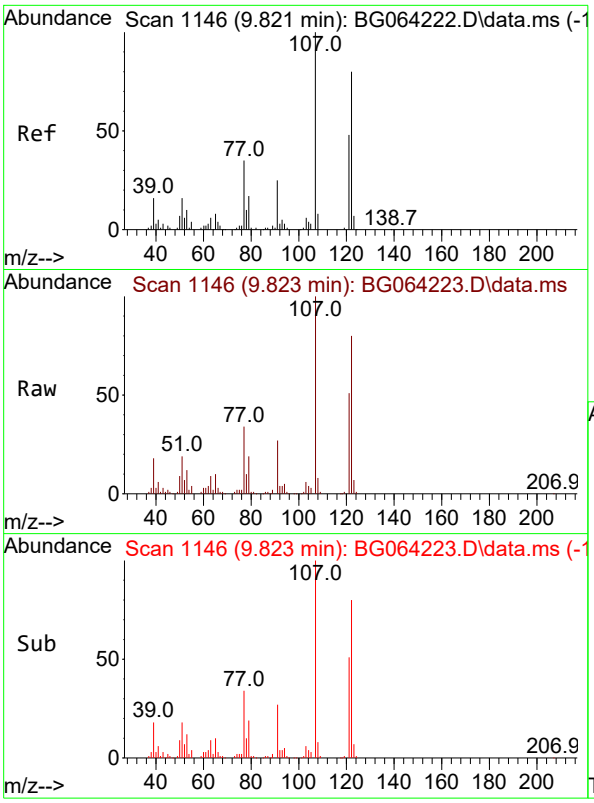


#26
2-Nitrophenol
Concen: 51.476 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 67834

Ion	Ratio	Lower	Upper
139	100		
109	48.5	32.4	48.6
65	65.4	44.6	67.0

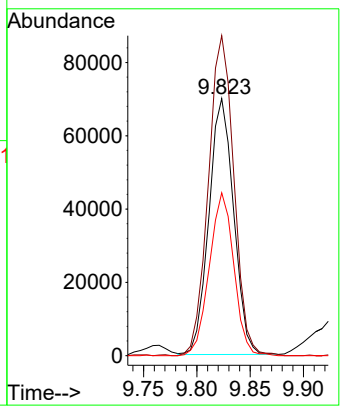




#27
2,4-Dimethylphenol
Concen: 48.601 ng
RT: 9.823 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:122 Resp: 11244

Ion	Ratio	Lower	Upper
122	100		
107	124.5	99.9	149.9
121	63.3	48.6	72.8



Instrument :
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ClientSampleId :
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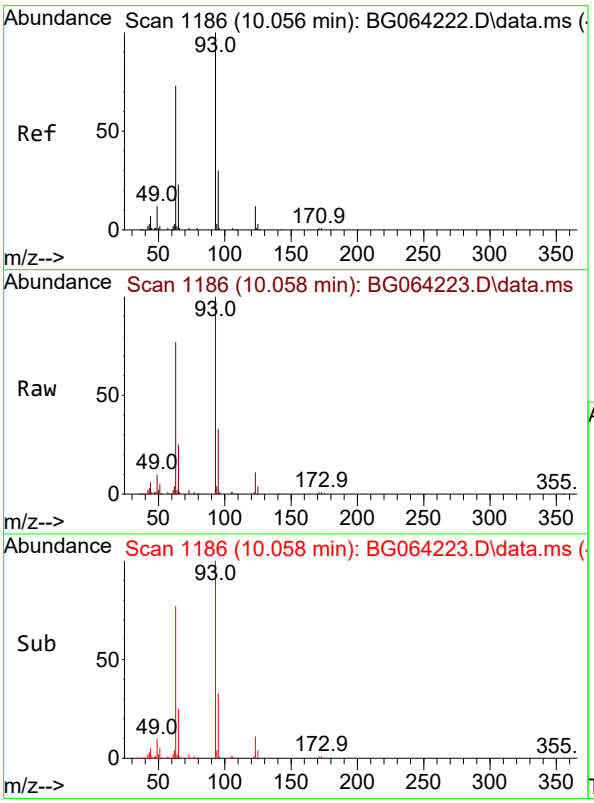
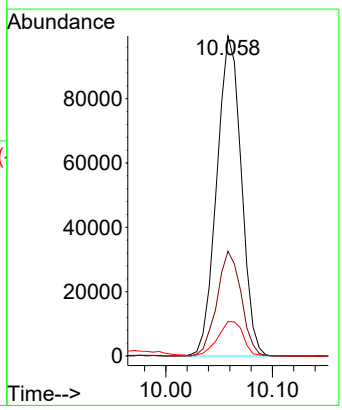
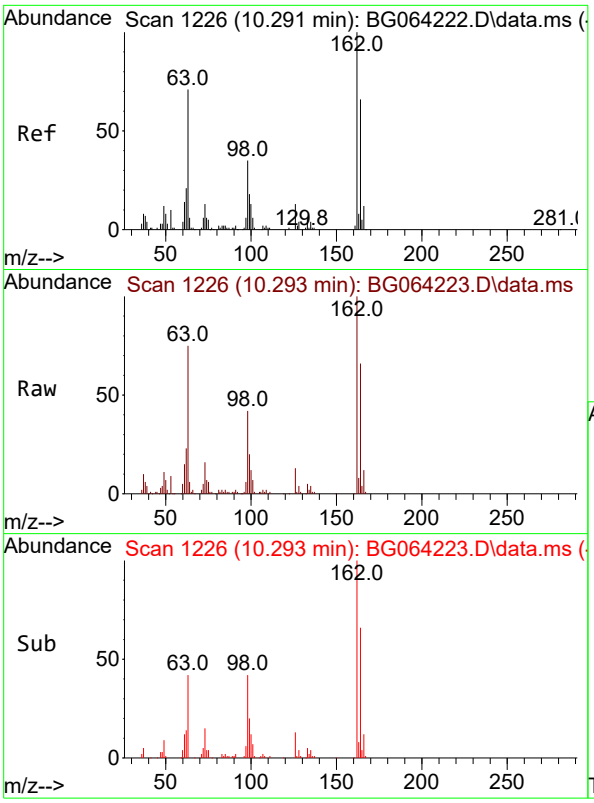


#28
bis(2-Chloroethoxy)methane
Concen: 48.505 ng
RT: 10.058 min Scan# 1186
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 93 Resp: 158665

Ion	Ratio	Lower	Upper
93	100		
95	32.7	23.9	35.9
123	10.7	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 49.838 ng
RT: 10.293 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:162 Resp: 12166

Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.8	85.8
98	42.4	15.2	55.2

Instrument :
BNA_G
ClientSampleId :
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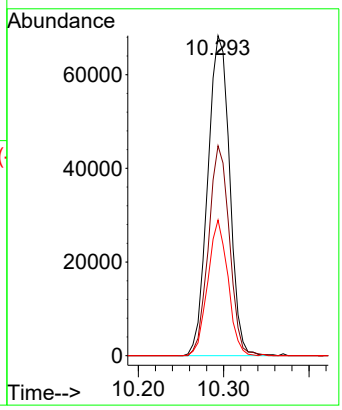
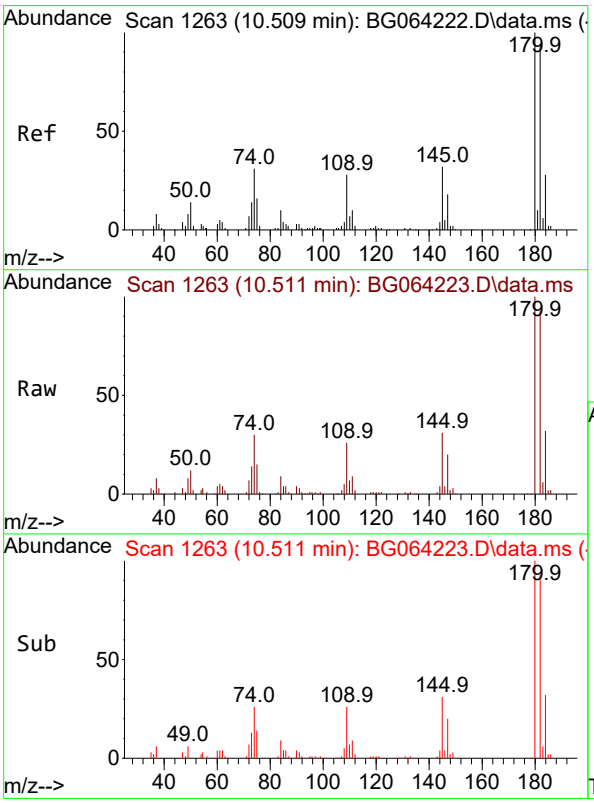
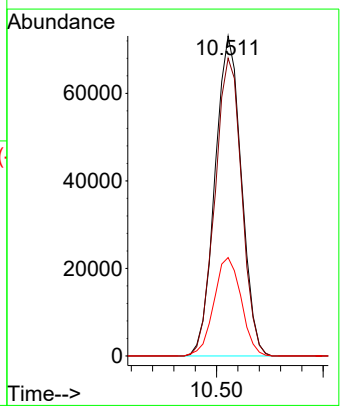


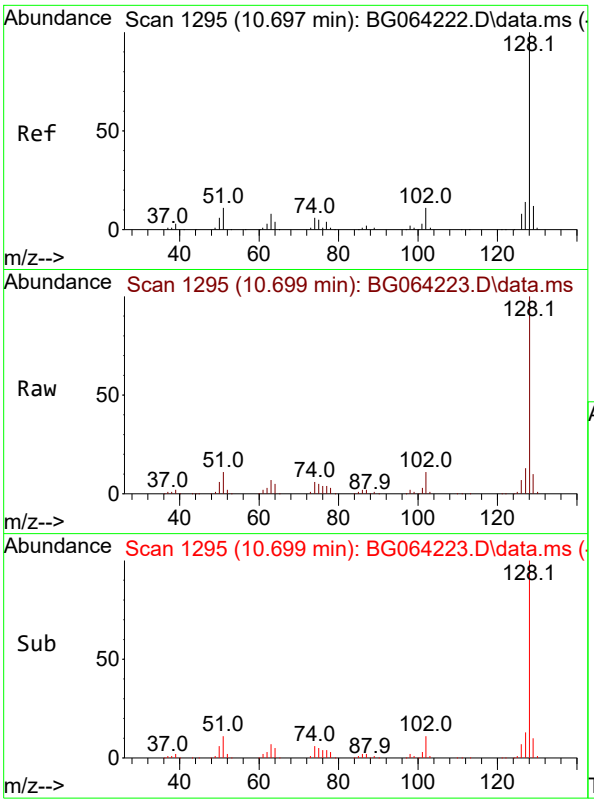


#30
1,2,4-Trichlorobenzene
Concen: 48.771 ng
RT: 10.511 min Scan# 1263
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:180 Resp: 125532

Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.0	112.6
145	30.8	25.4	38.0

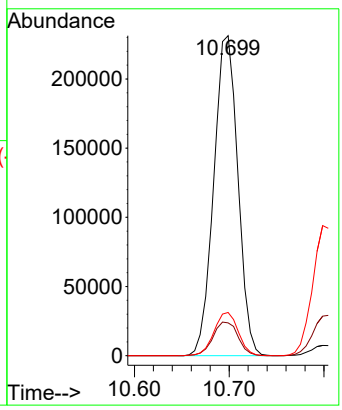




#31
Naphthalene
Concen: 48.392 ng
RT: 10.699 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:128 Resp: 40850

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	13.5	10.9	16.3



Instrument :
BNA_G
ClientSampleId :
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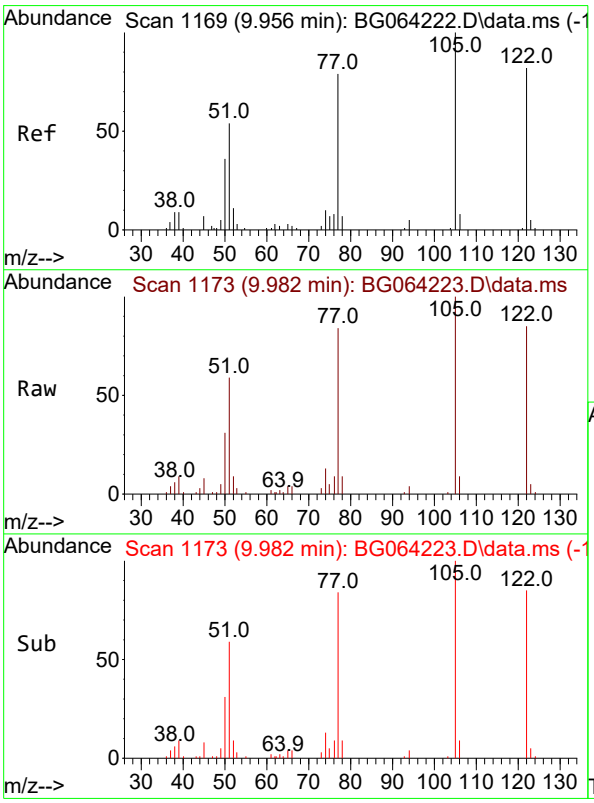
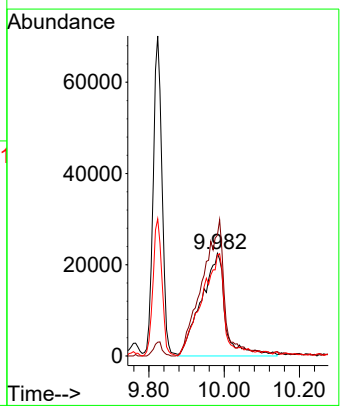
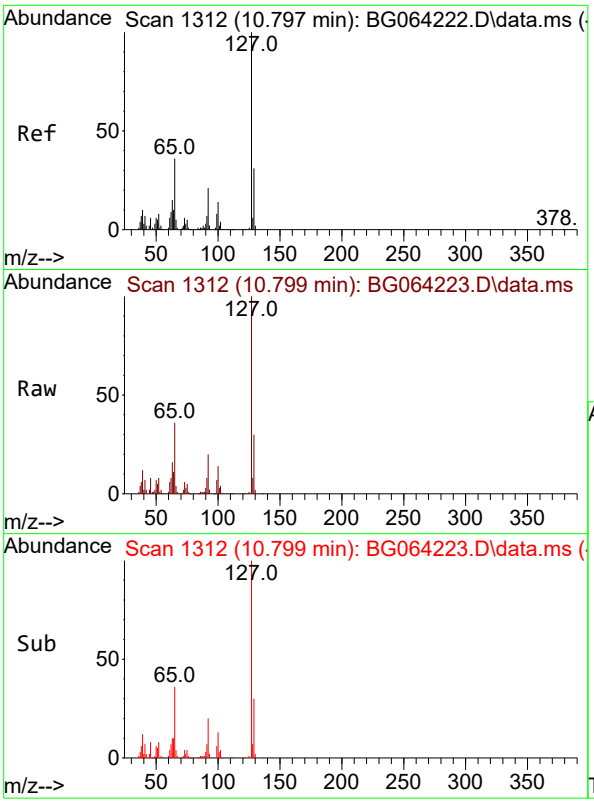


#32
Benzoic acid
Concen: 54.670 ng m
RT: 9.982 min Scan# 1173
Delta R.T. -0.034 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:122 Resp: 100402

Ion	Ratio	Lower	Upper
122	100		
105	117.9	98.5	138.5
77	98.6	74.6	114.6

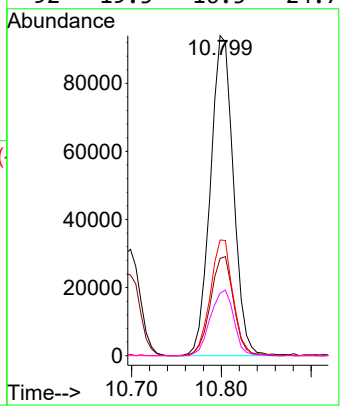




#33
4-Chloroaniline
Concen: 51.147 ng
RT: 10.799 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:127 Resp: 16734

Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.0	37.4
65	36.1	28.7	43.1
92	19.5	16.5	24.7



Instrument :
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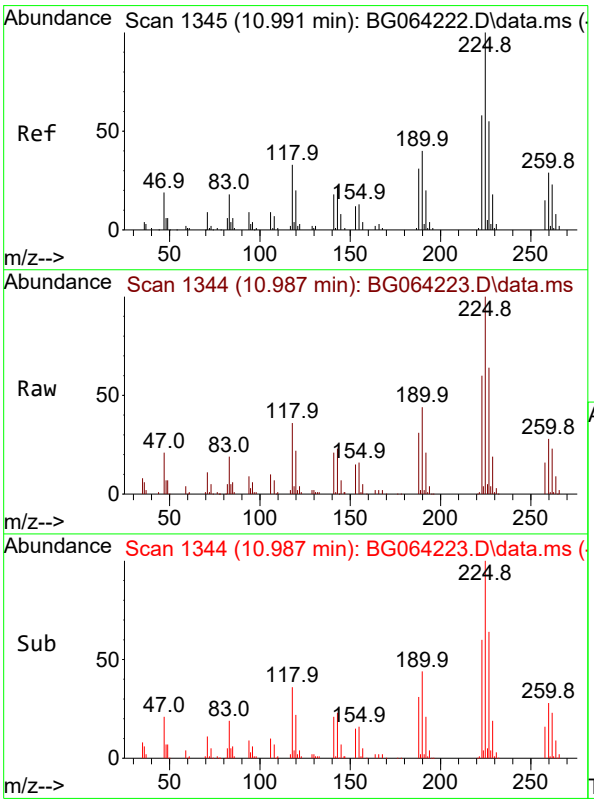
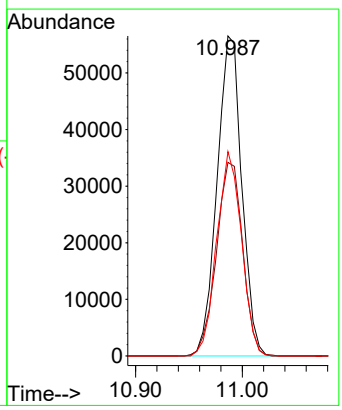
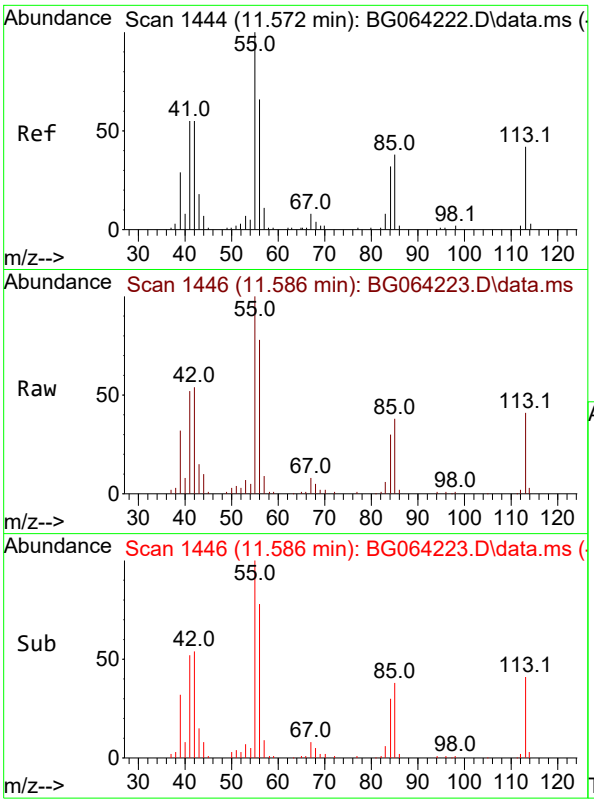


#34
Hexachlorobutadiene
Concen: 47.853 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:225 Resp: 91046

Ion	Ratio	Lower	Upper
225	100		
223	64.1	46.5	69.7
227	63.8	44.1	66.1

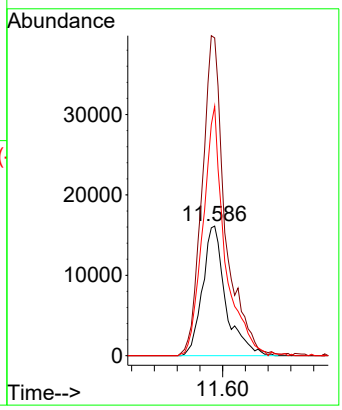




#35
Caprolactam
Concen: 48.275 ng
RT: 11.586 min Scan# 14
Delta R.T. -0.016 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:113 Resp: 4563

Ion	Ratio	Lower	Upper
113	100		
55	245.2	218.5	258.5
56	192.5	138.5	178.5



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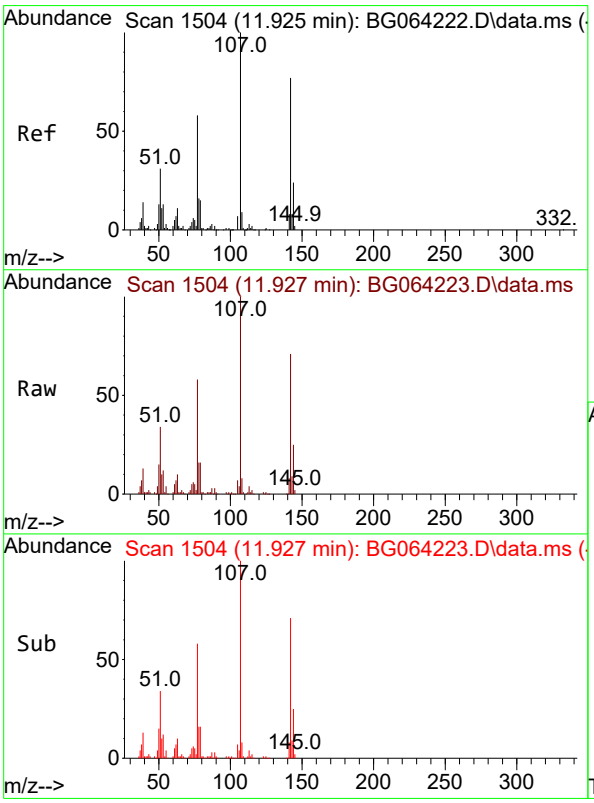
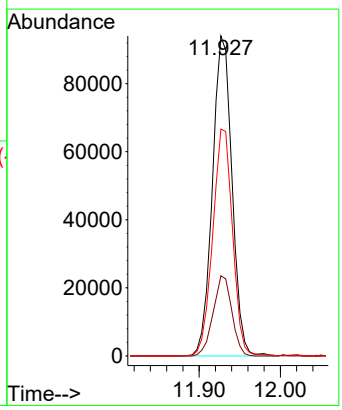
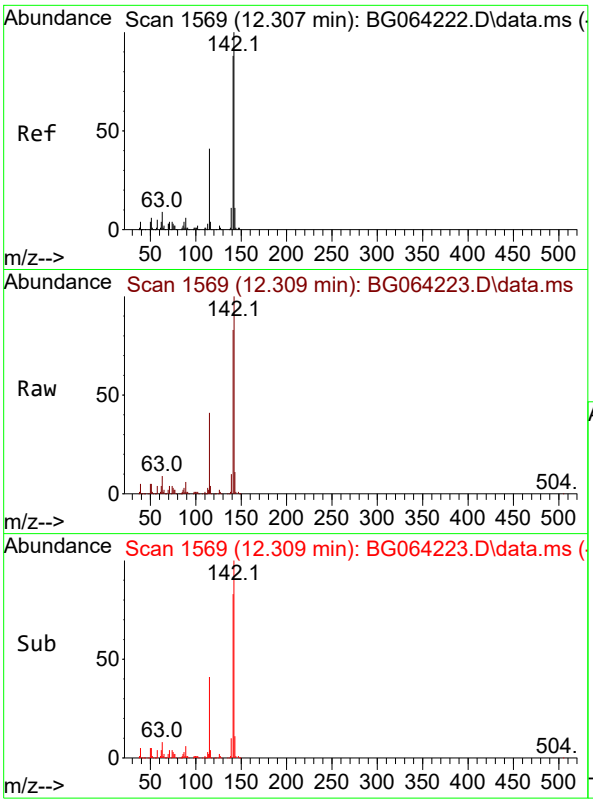


#36
4-Chloro-3-methylphenol
Concen: 49.630 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 157192

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.5	29.3
142	70.9	62.0	93.0

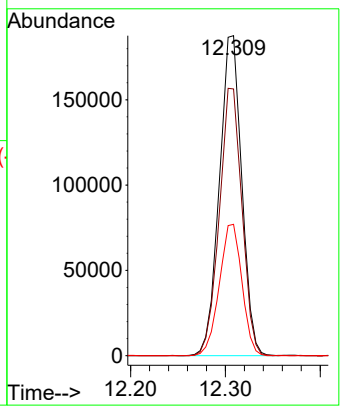




#37
2-Methylnaphthalene
Concen: 49.089 ng
RT: 12.309 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:142 Resp: 30801

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.1	105.1
115	41.0	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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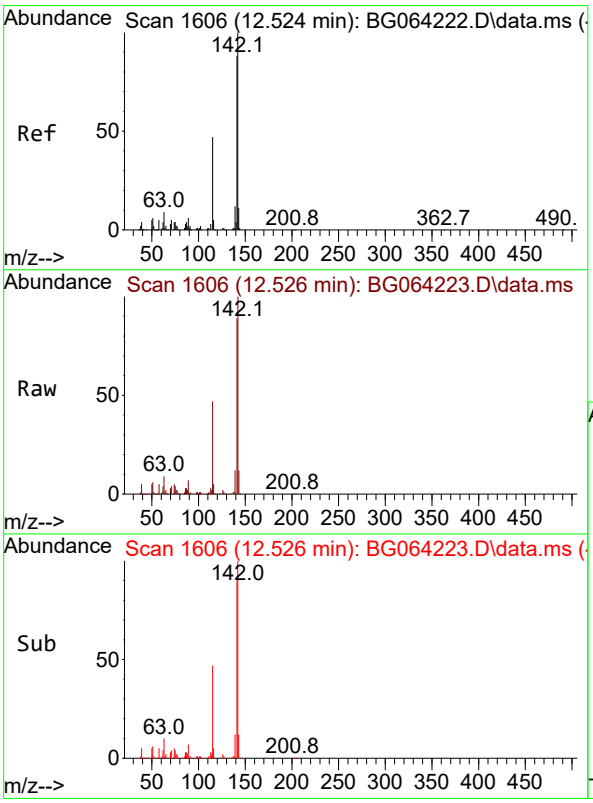
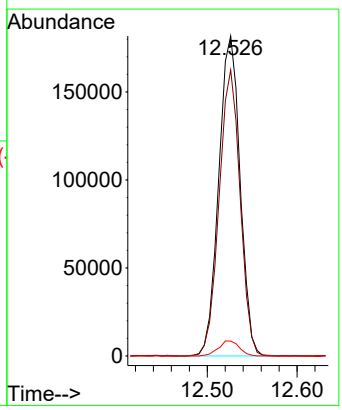
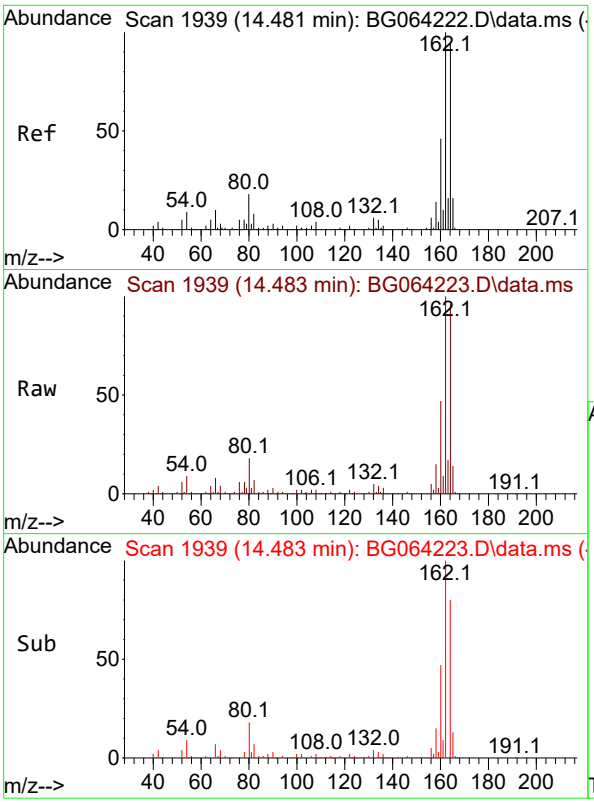


#38
1-Methylnaphthalene
Concen: 48.315 ng
RT: 12.526 min Scan# 1606
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:142 Resp: 299438

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
116	4.6	3.7	5.5

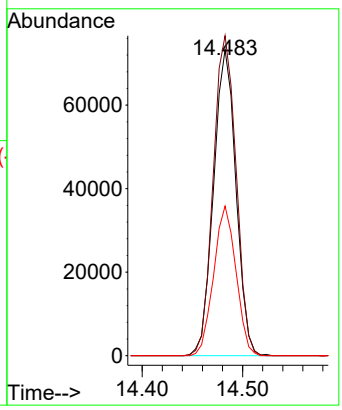




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:164 Resp: 11345

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.0
160	48.9	39.2	58.8



Instrument :
BNA_G
ClientSampleId :
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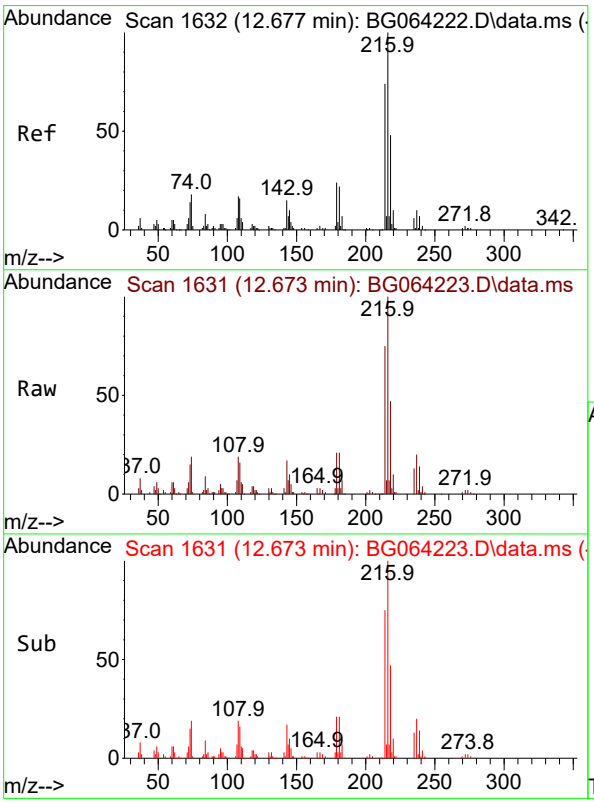
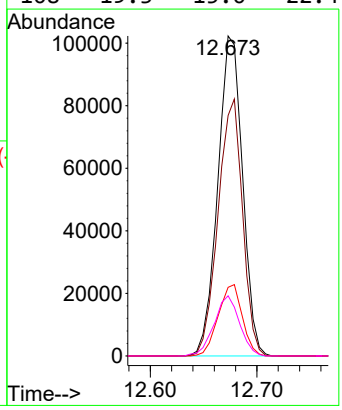
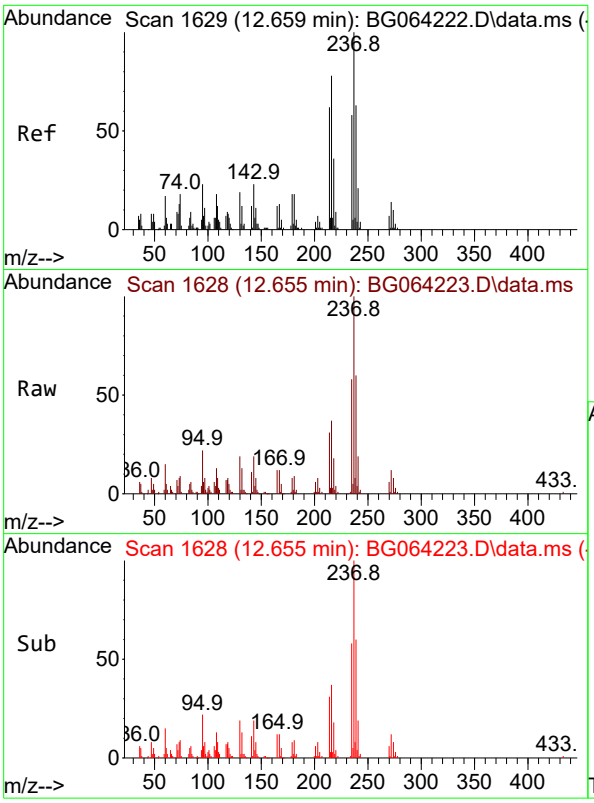


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.386 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:216 Resp: 164947

Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.9	92.9
179	21.8	17.9	26.9
108	19.3	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 52.851 ng
RT: 12.655 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:237 Resp: 8222

Ion	Ratio	Lower	Upper
237	100		
235	57.7	37.9	77.9
272	11.5	0.0	33.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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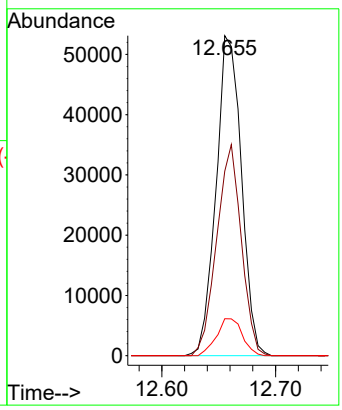
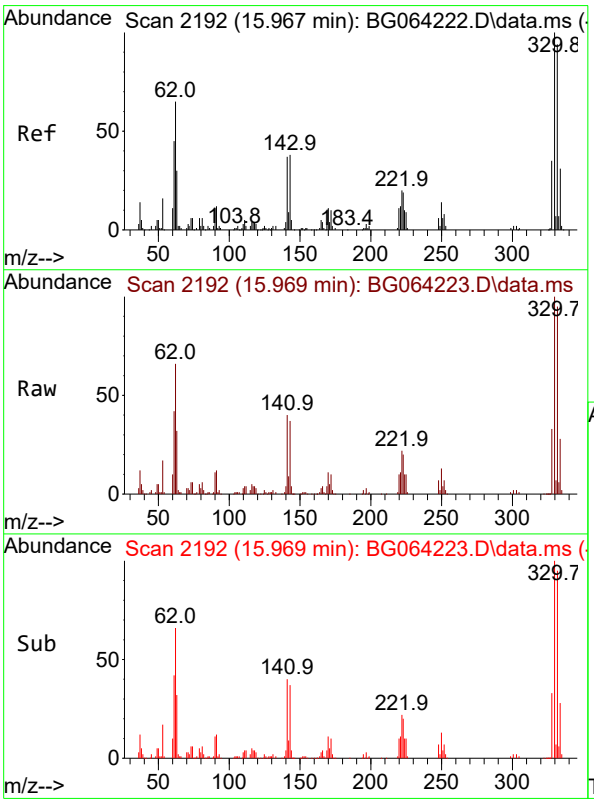
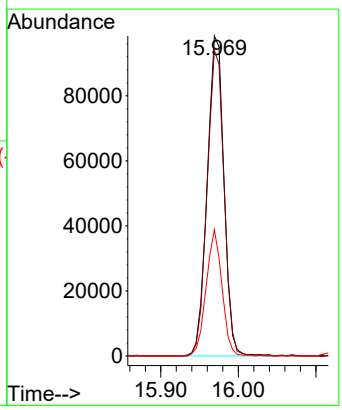


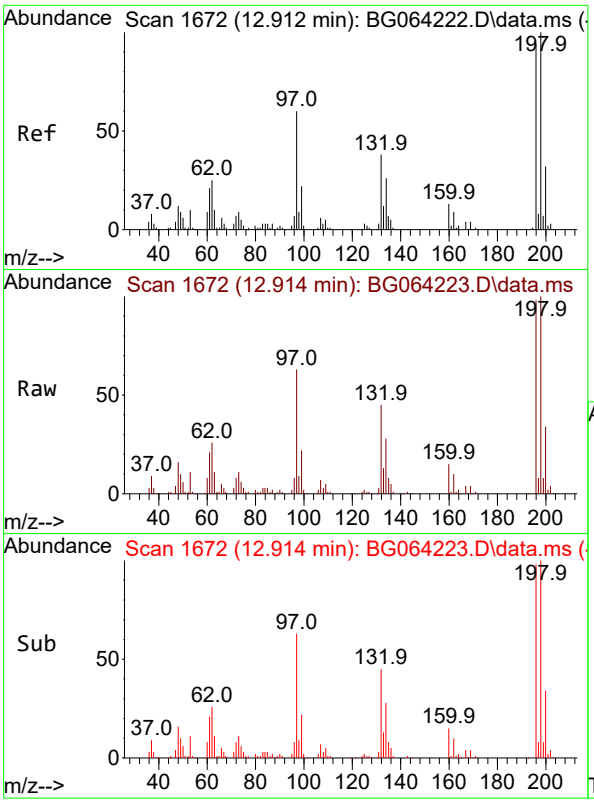


#42
2,4,6-Tribromophenol
Concen: 98.538 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:330 Resp: 148084

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	37.2	29.8	44.6

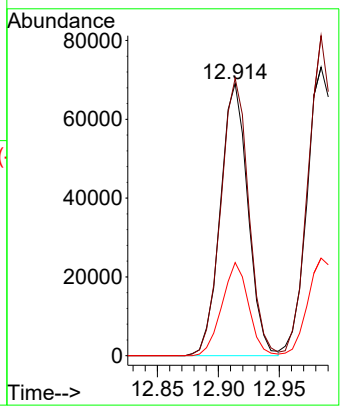




#43
2,4,6-Trichlorophenol
Concen: 49.743 ng
RT: 12.914 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:196 Resp: 10884

Ion	Ratio	Lower	Upper
196	100		
198	101.9	85.4	128.2
200	34.2	27.3	40.9



Instrument :
BNA_G
ClientSampleId :
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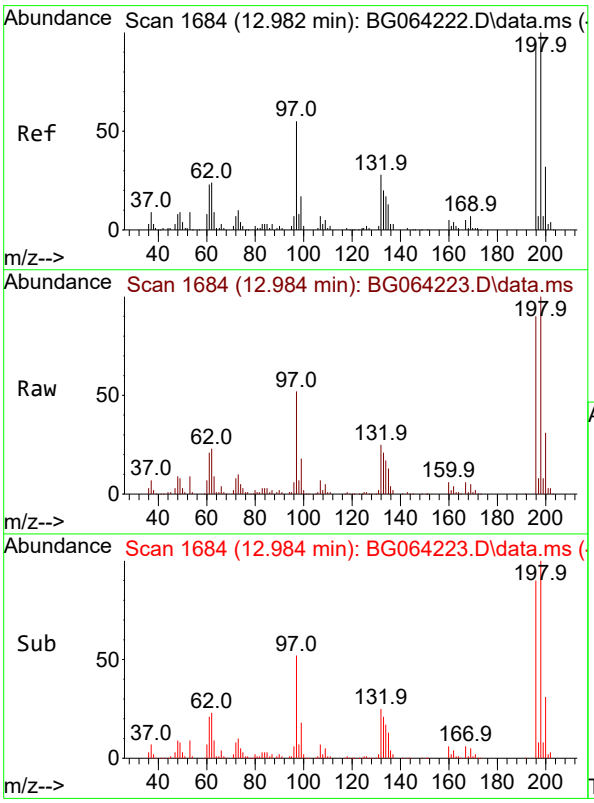
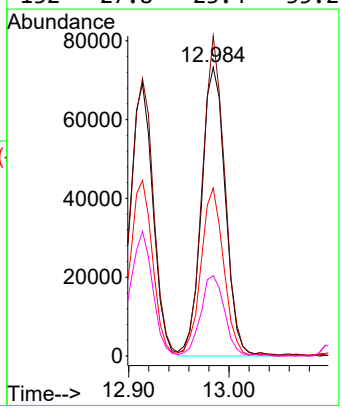
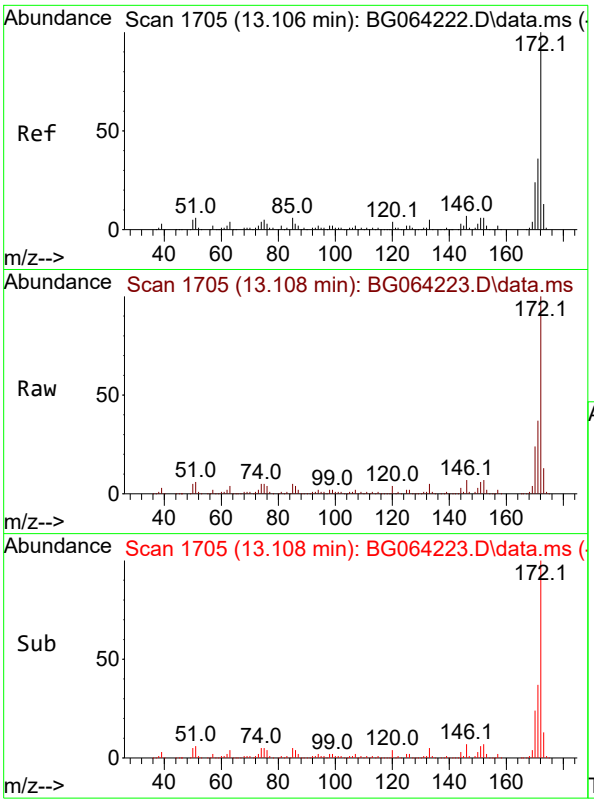


#44
2,4,5-Trichlorophenol
Concen: 50.879 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:196 Resp: 120763

Ion	Ratio	Lower	Upper
196	100		
198	110.9	84.5	126.7
97	58.2	46.8	70.2
132	27.8	23.4	35.2

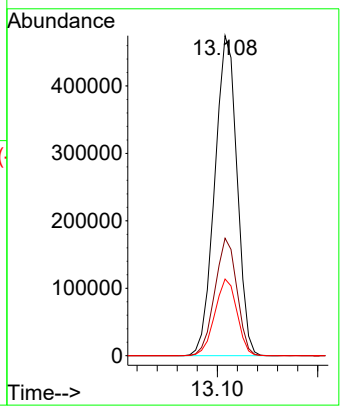




#45
2-Fluorobiphenyl
Concen: 98.334 ng
RT: 13.108 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:172 Resp: 73095

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	24.0	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
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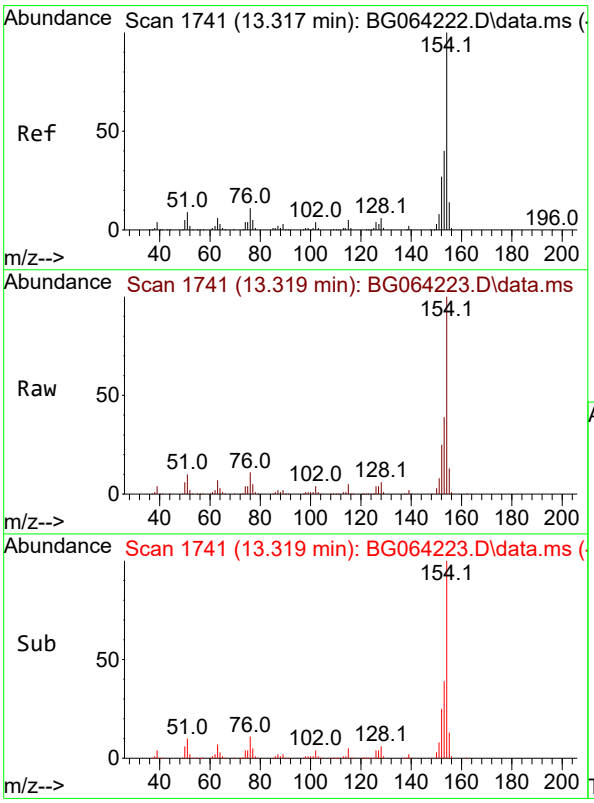
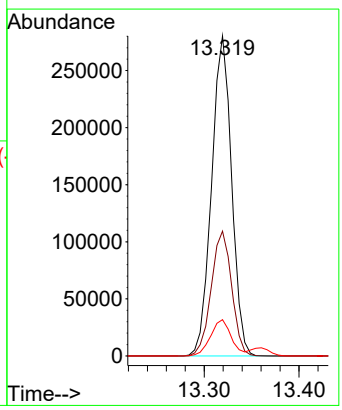
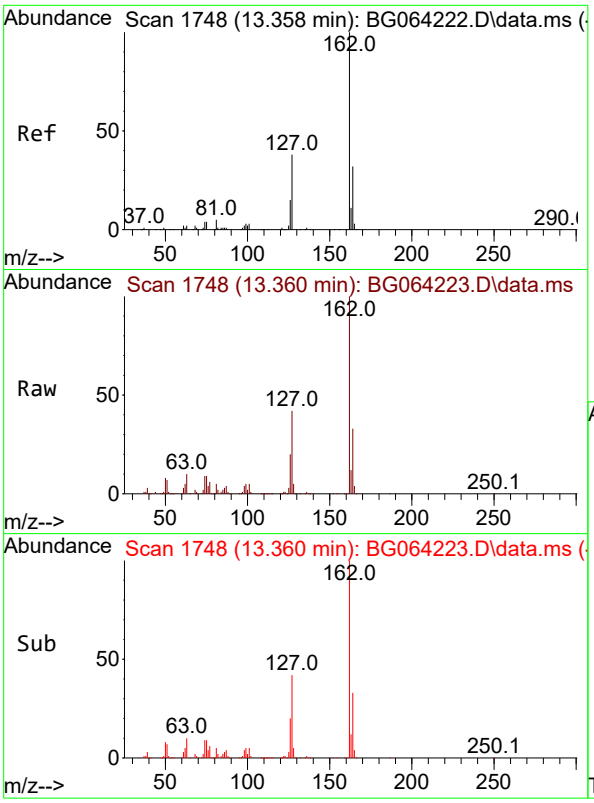


#46
1,1'-Biphenyl
Concen: 49.719 ng
RT: 13.319 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:154 Resp: 410868

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.9	59.9
76	11.4	0.0	30.9

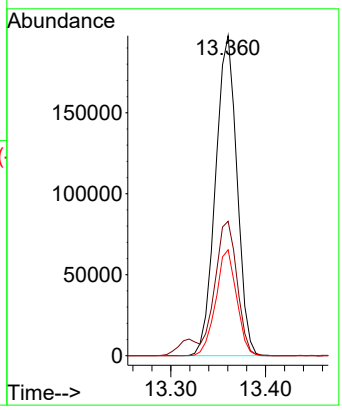




#47
2-Chloronaphthalene
Concen: 50.039 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:162 Resp: 31087

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	33.1	25.4	38.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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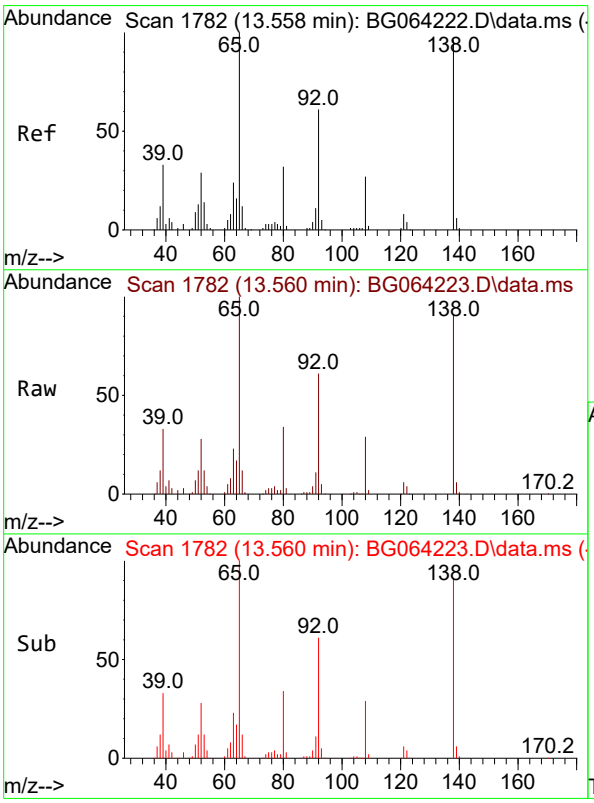
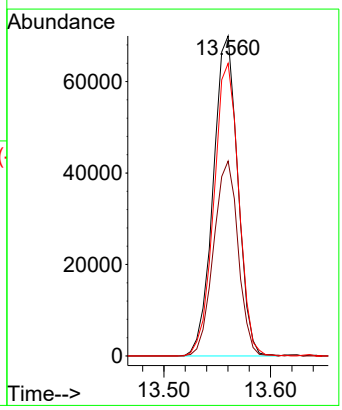
Supervised By :Jagrut Upadhyay 08/29/2025

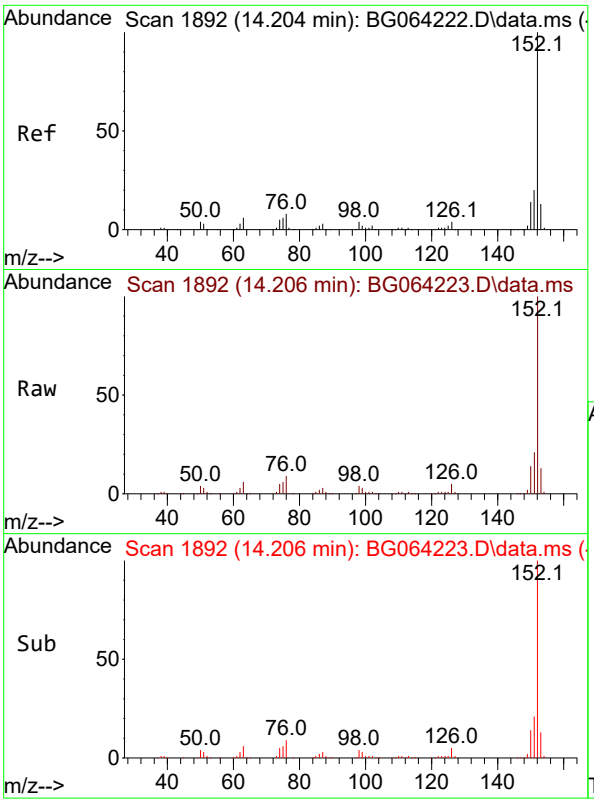


#48
2-Nitroaniline
Concen: 52.795 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 65 Resp: 111792

Ion	Ratio	Lower	Upper
65	100		
92	60.9	49.2	73.8
138	91.5	76.8	115.2





#49
Acenaphthylene
Concen: 49.644 ng
RT: 14.206 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 45591

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.2	10.1	15.1

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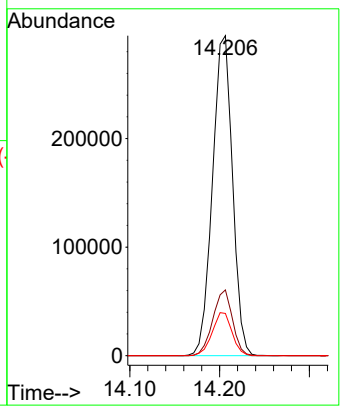
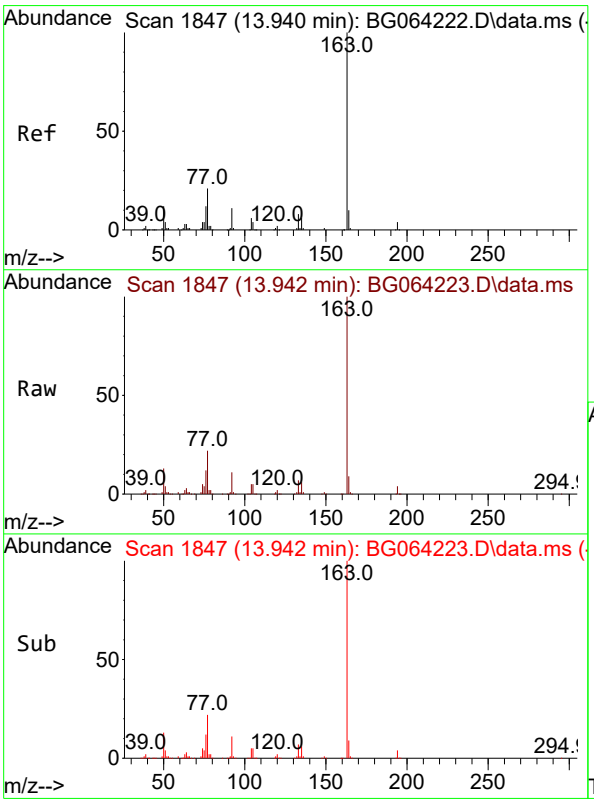
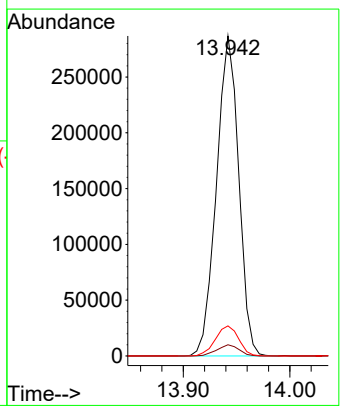


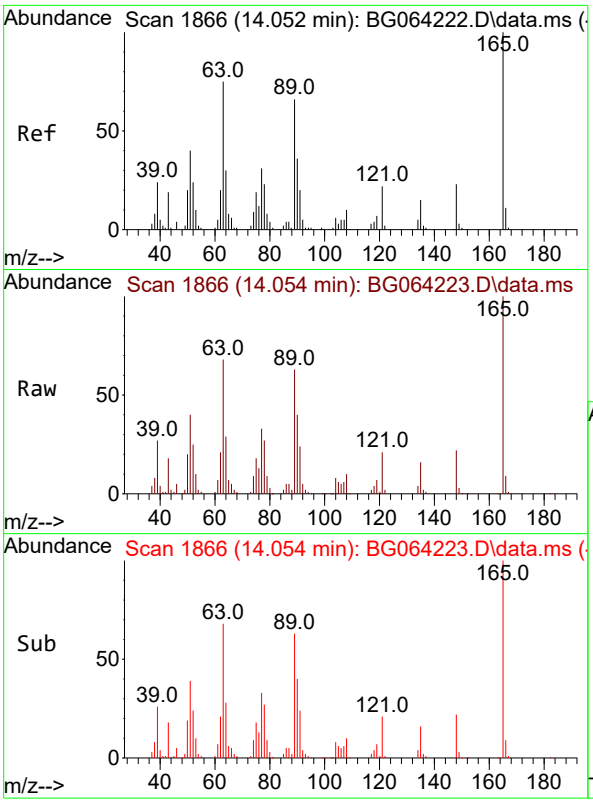


#50
Dimethylphthalate
Concen: 48.298 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:163 Resp: 414776

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.4	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 51.244 ng
RT: 14.054 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:165 Resp: 8519

Ion	Ratio	Lower	Upper
165	100		
63	68.3	60.3	90.5
89	62.8	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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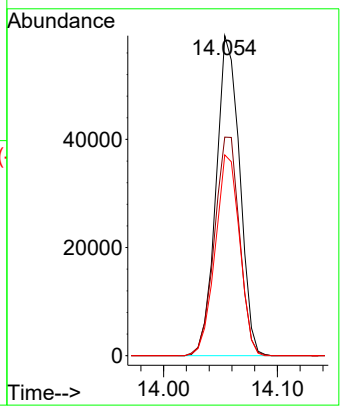
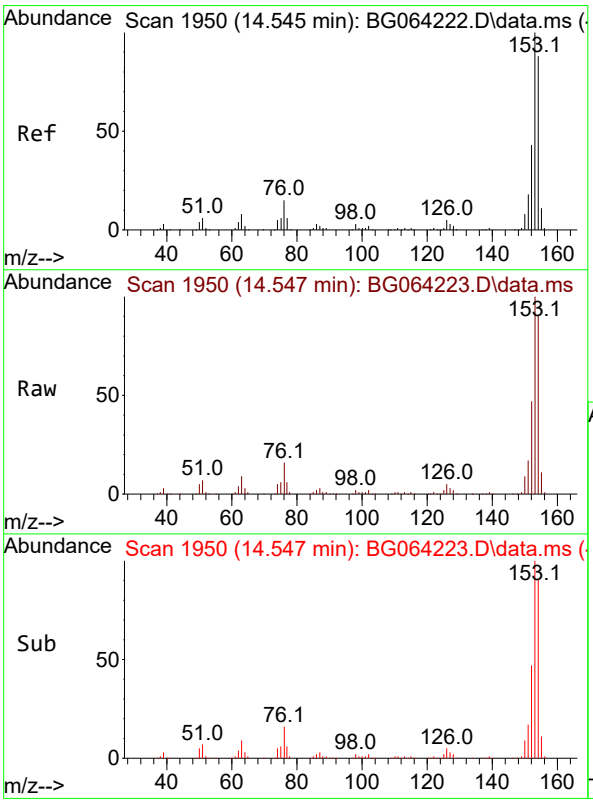
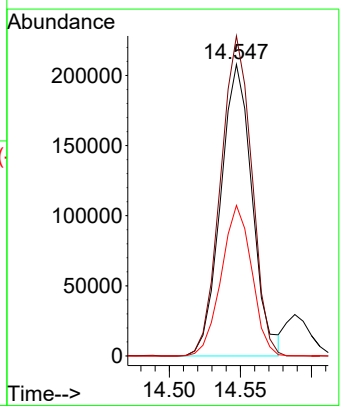


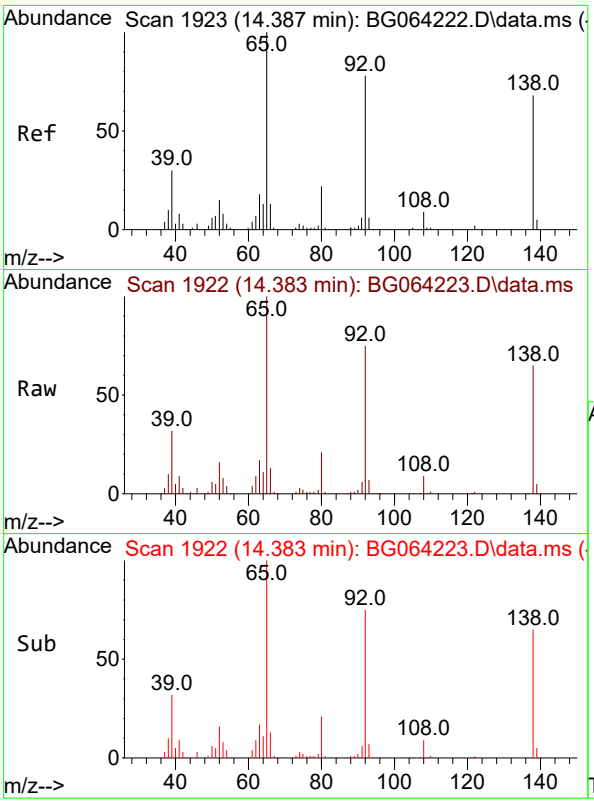


#52
Acenaphthene
Concen: 49.423 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:154 Resp: 320309

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.1	136.7
152	51.6	39.6	59.4

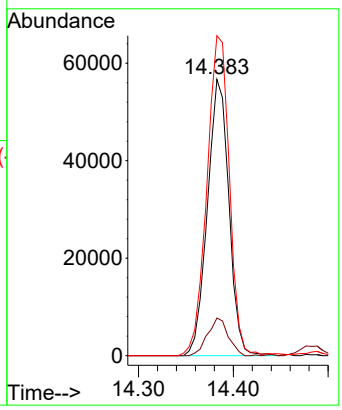




#53
3-Nitroaniline
Concen: 51.202 ng
RT: 14.383 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:138 Resp: 8917

Ion	Ratio	Lower	Upper
138	100		
108	13.6	11.0	16.6
92	115.8	91.4	137.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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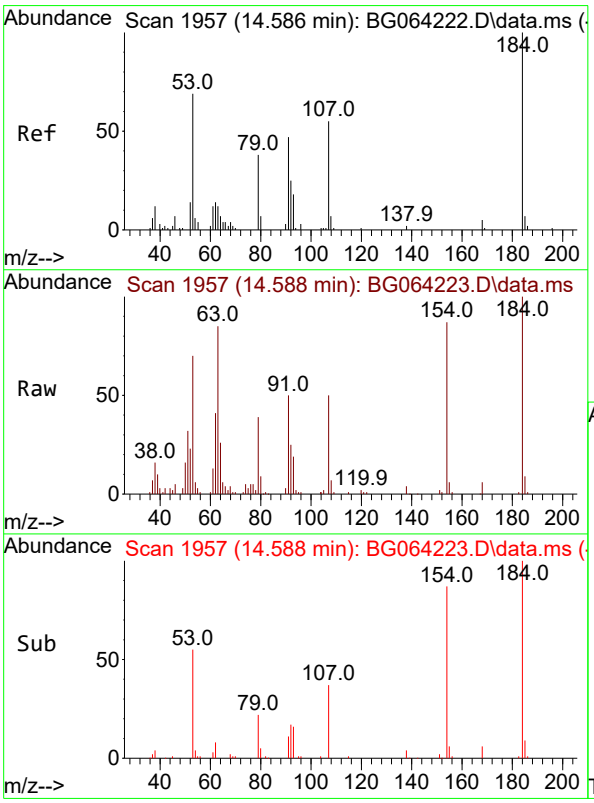
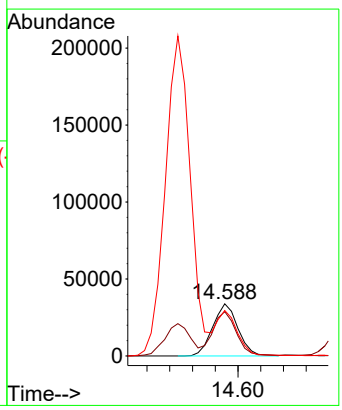
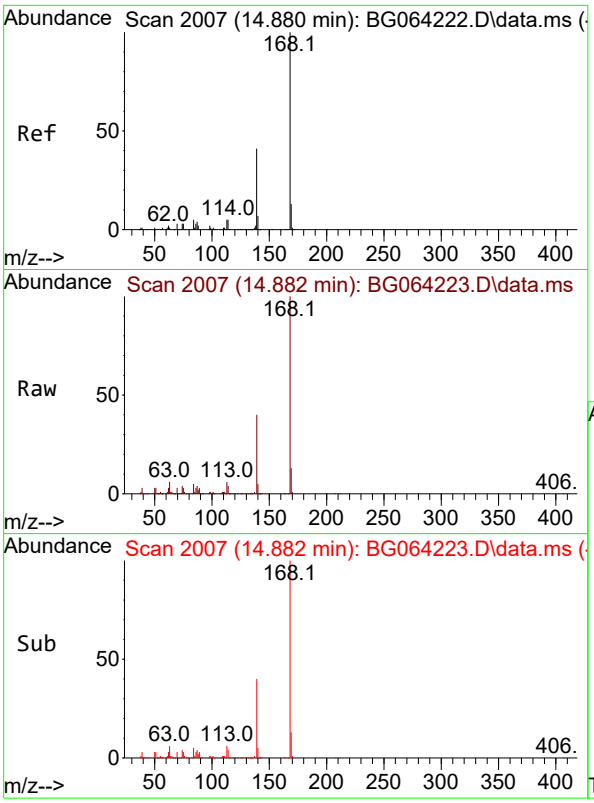


#54
2,4-Dinitrophenol
Concen: 50.240 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:184 Resp: 52115

Ion	Ratio	Lower	Upper
184	100		
63	85.0	60.1	90.1
154	87.1	59.8	89.8

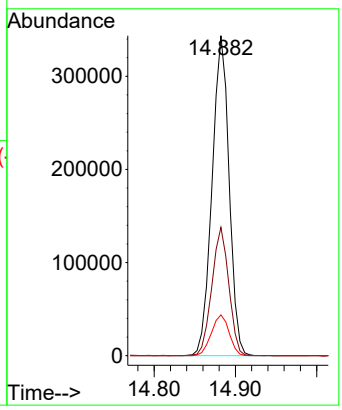




#55
Dibenzofuran
Concen: 49.018 ng
RT: 14.882 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:168 Resp: 49969

Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.2	49.8
169	12.7	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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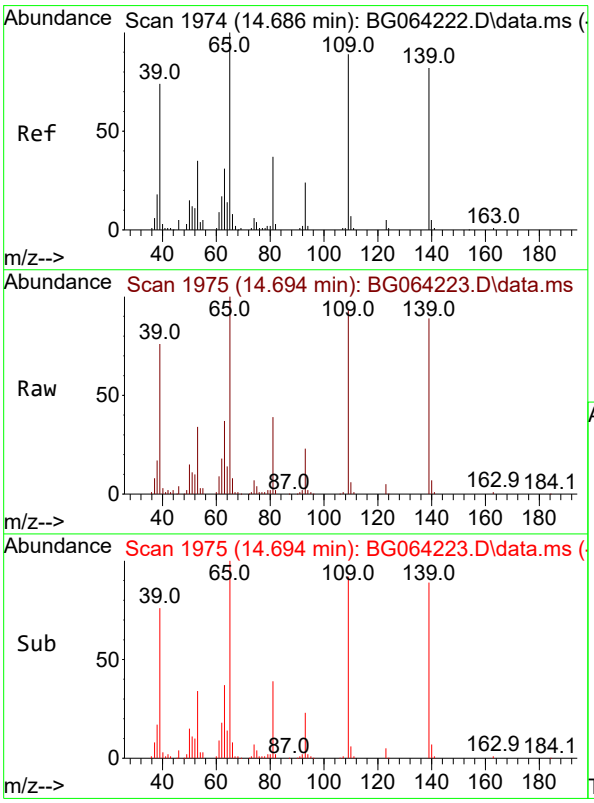
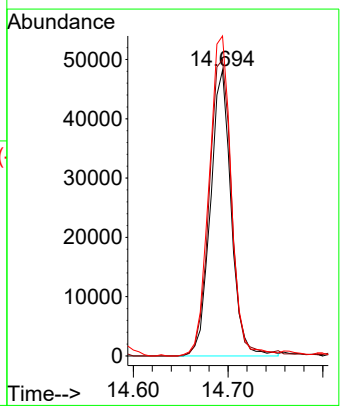
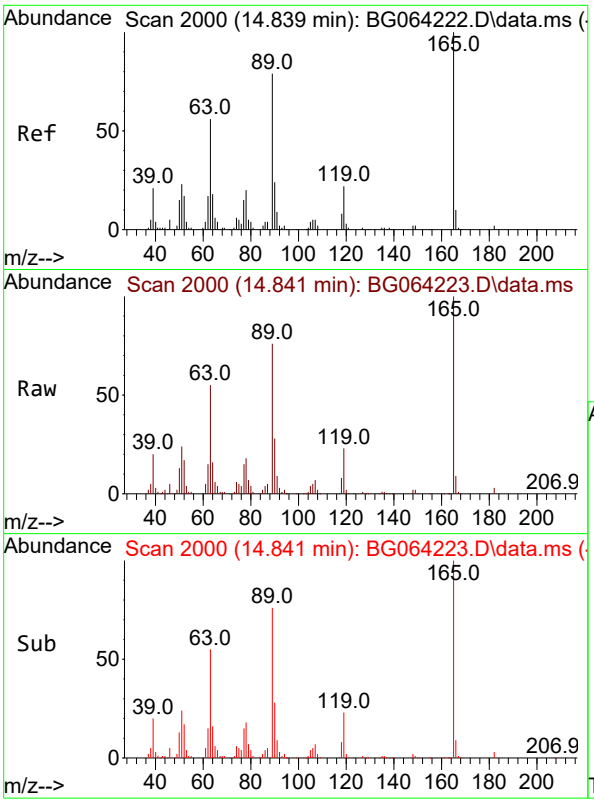


#56
4-Nitrophenol
Concen: 51.188 ng
RT: 14.694 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 73126

Ion	Ratio	Lower	Upper
139	100		
109	103.8	89.1	129.1
65	112.1	102.9	142.9

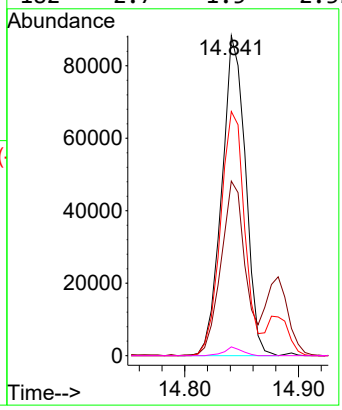




#57
2,4-Dinitrotoluene
Concen: 50.791 ng
RT: 14.841 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:165 Resp: 12767

Ion	Ratio	Lower	Upper
165	100		
63	54.5	44.6	67.0
89	76.3	63.0	94.4
182	2.7	1.5	2.3#



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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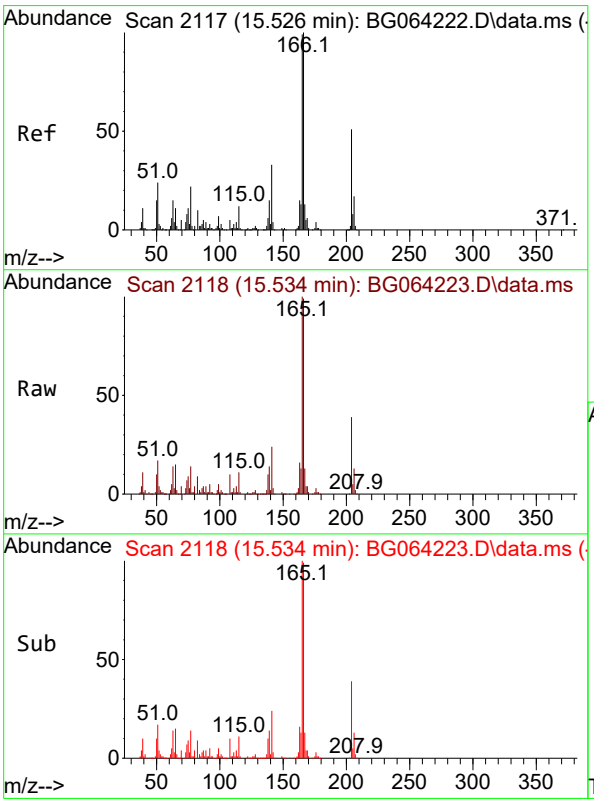
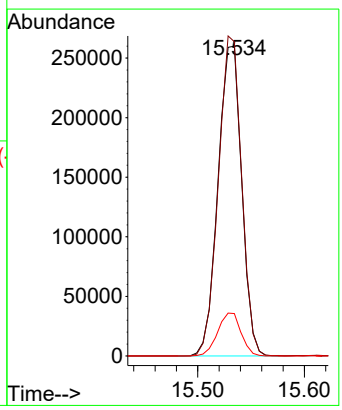
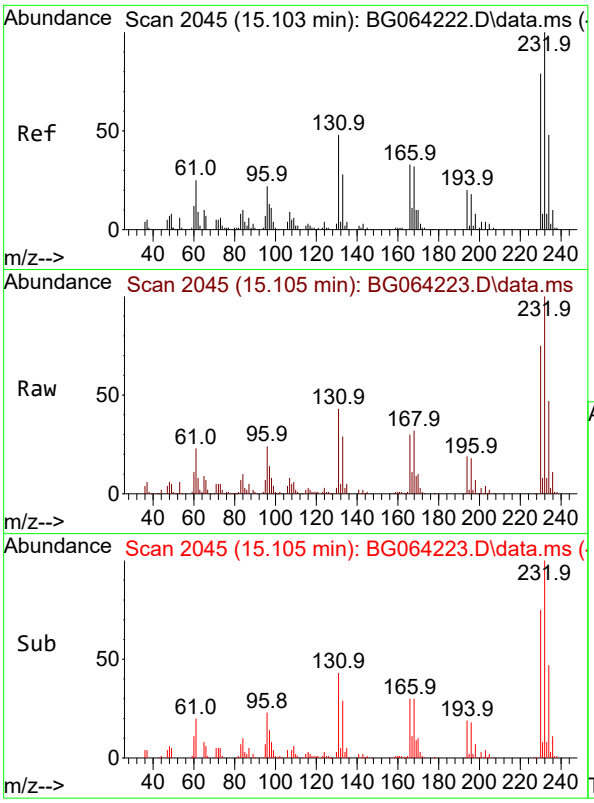


#58
Fluorene
Concen: 48.071 ng
RT: 15.534 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:166 Resp: 401649

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.1	118.7
167	13.7	10.2	15.4

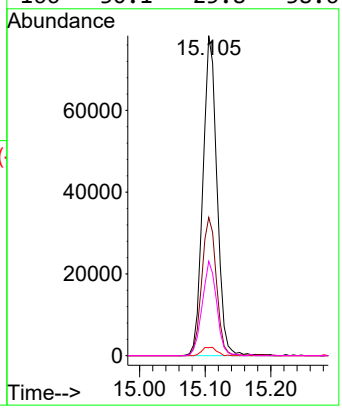




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.324 ng
RT: 15.105 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:232 Resp: 11716

Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.1	55.7
130	2.8	2.6	3.8
166	30.1	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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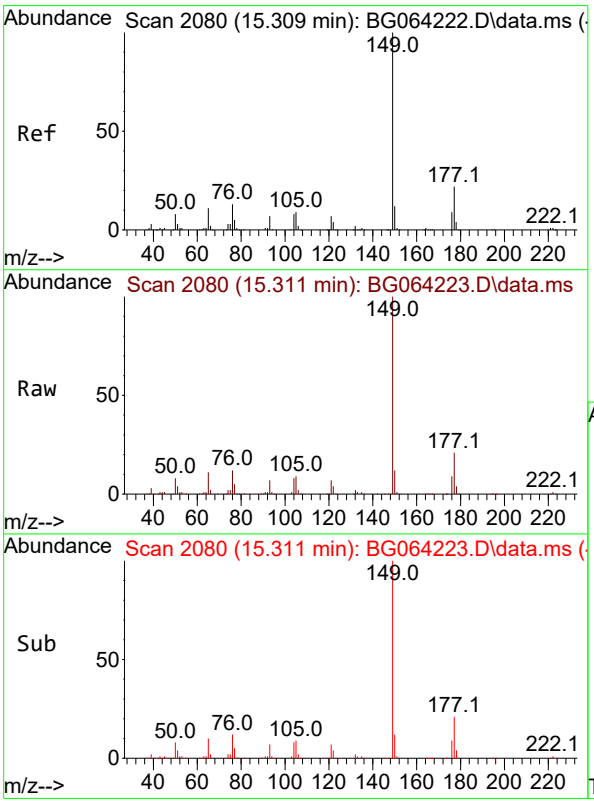
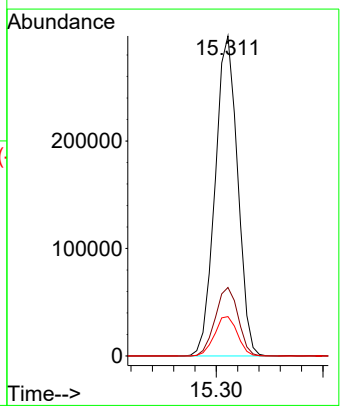
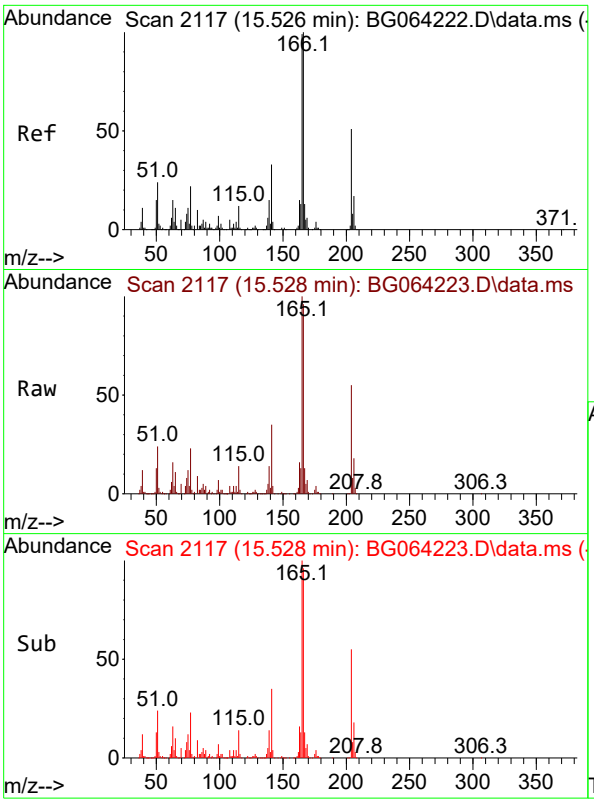


#60
Diethylphthalate
Concen: 47.393 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:149 Resp: 435581

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.5	26.3
150	12.3	9.9	14.9

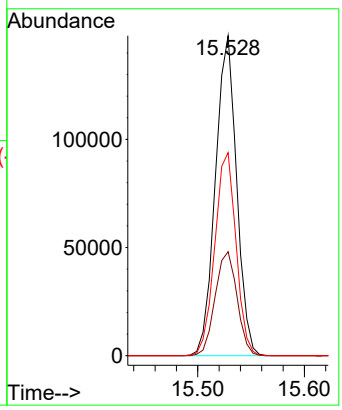




#61
4-Chlorophenyl-phenylether
Concen: 49.008 ng
RT: 15.528 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:204 Resp: 20416

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	63.4	51.9	77.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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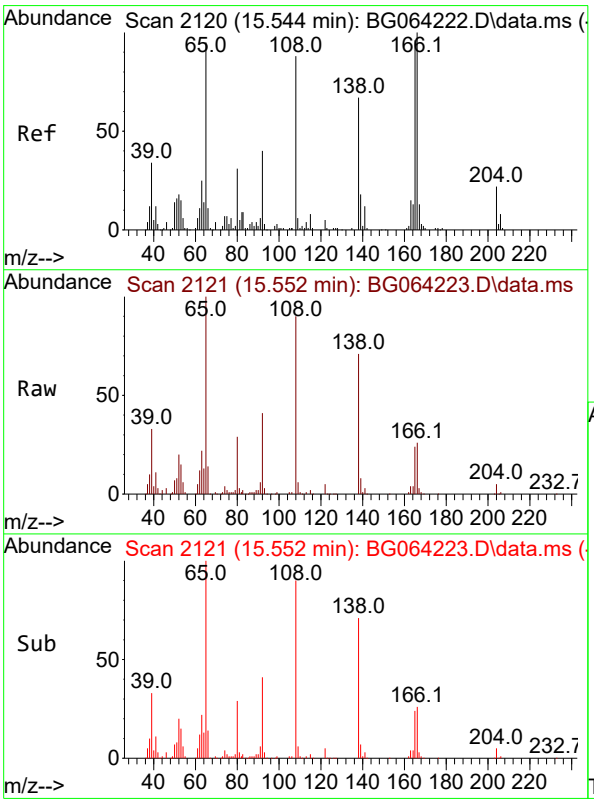
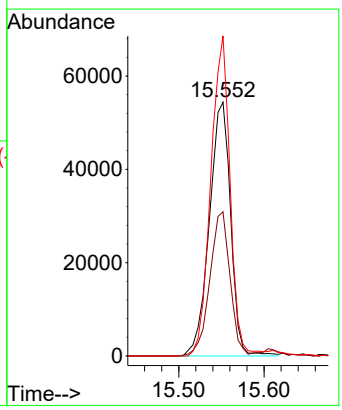
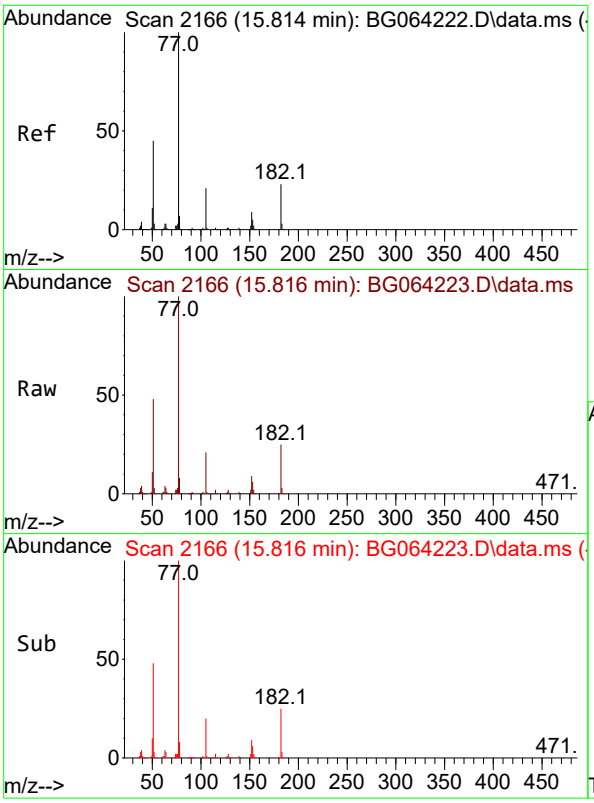


#62
4-Nitroaniline
Concen: 53.002 ng
RT: 15.552 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:138 Resp: 94189

Ion	Ratio	Lower	Upper
138	100		
92	56.8	39.1	79.1
108	126.1	111.3	151.3

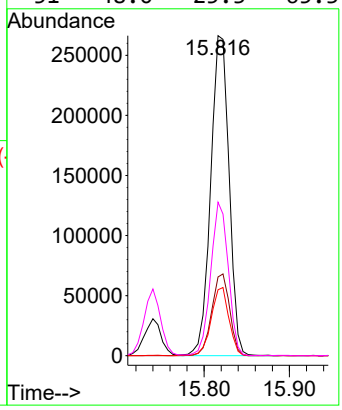




#63
Azobenzene
Concen: 48.736 ng
RT: 15.816 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion: 77 Resp: 39923

Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.3	43.3
105	20.6	0.6	40.6
51	48.0	25.3	65.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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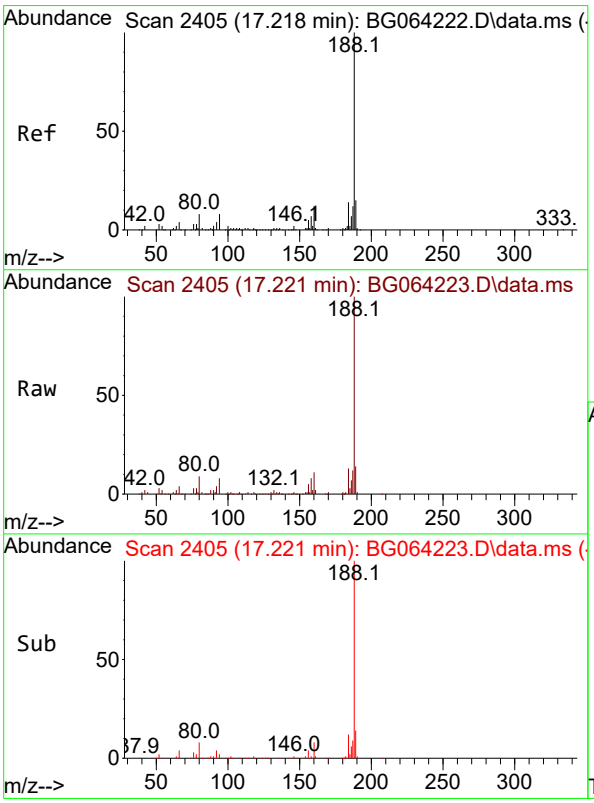
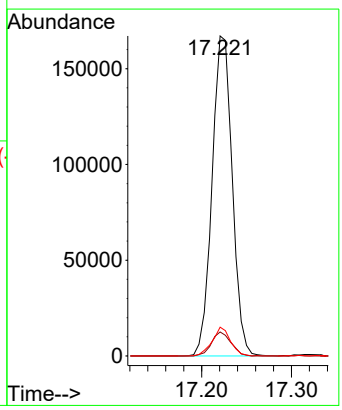
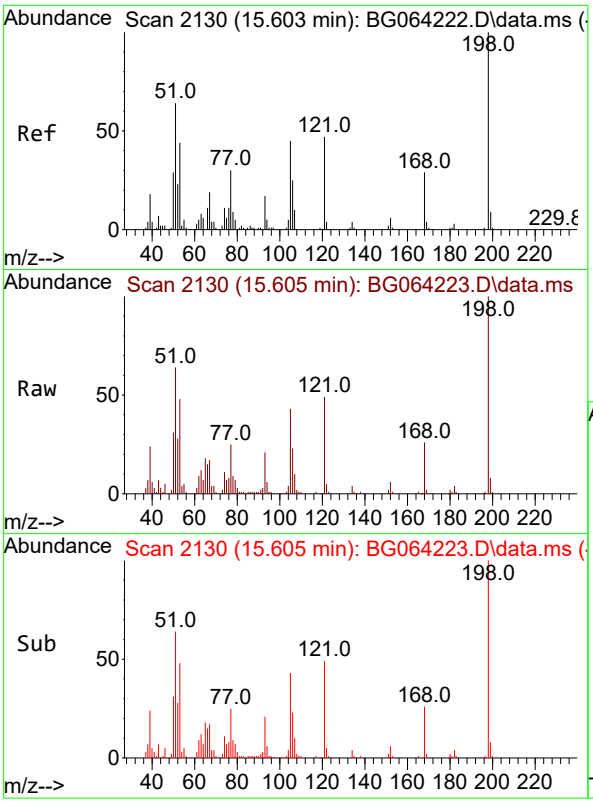


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:188 Resp: 260584

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	9.0	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.566 ng
RT: 15.605 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:198 Resp: 7864

Ion	Ratio	Lower	Upper
198	100		
51	64.1	46.2	86.2
105	43.1	25.0	65.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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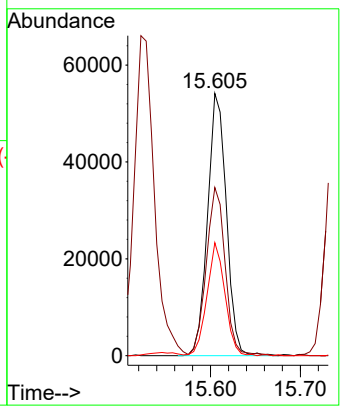
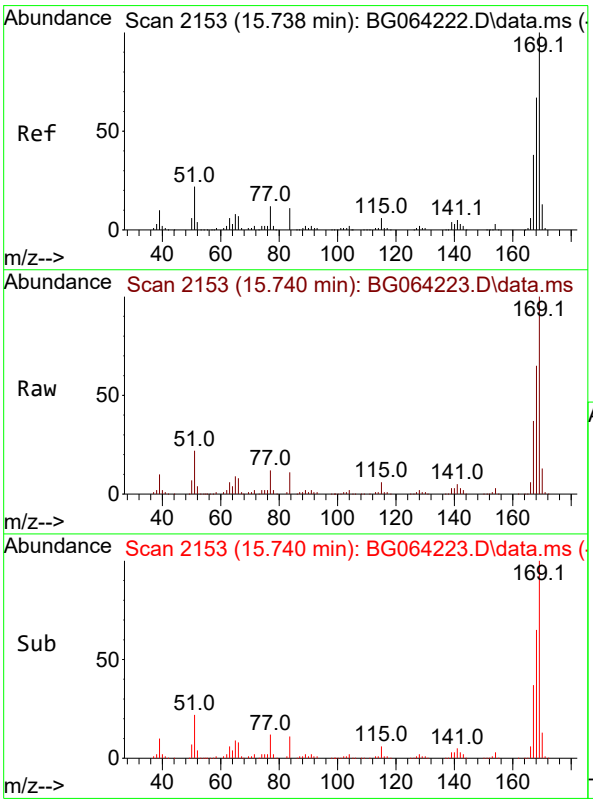
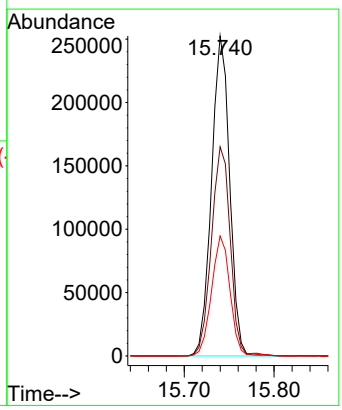


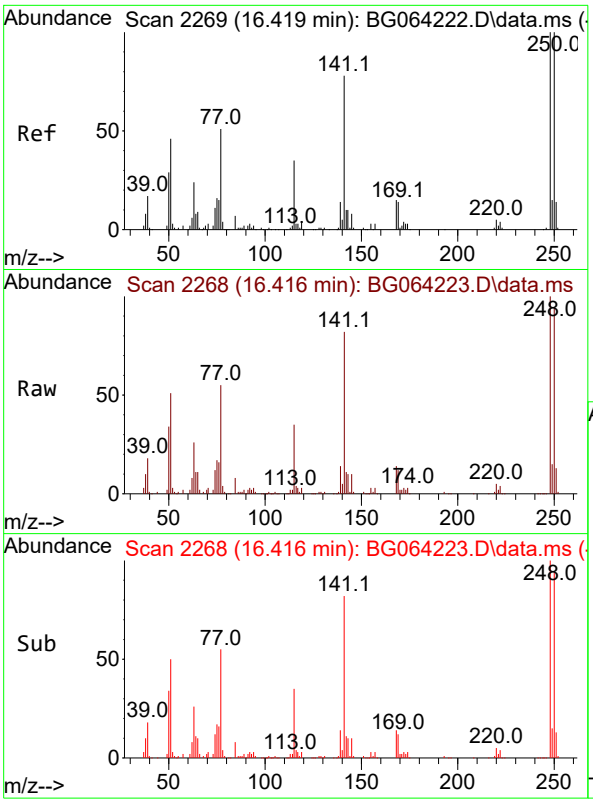


#66
n-Nitrosodiphenylamine
Concen: 49.284 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:169 Resp: 353288

Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.8
167	37.5	30.2	45.2





#67
4-Bromophenyl-phenylether
Concen: 49.804 ng
RT: 16.416 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 13784

Ion	Ratio	Lower	Upper
248	100		
250	93.6	80.2	120.4
141	81.7	62.4	93.6

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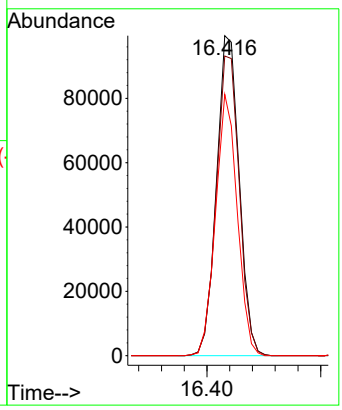
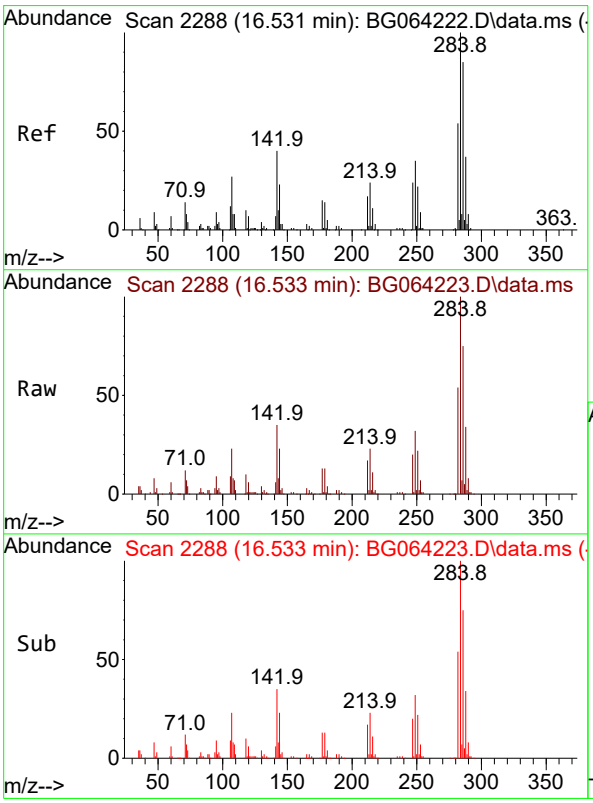
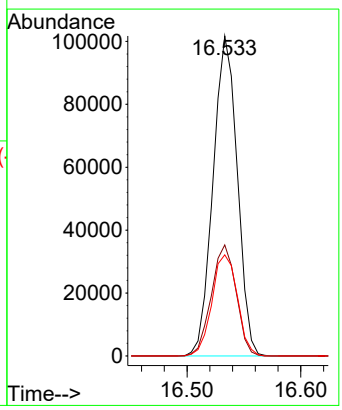


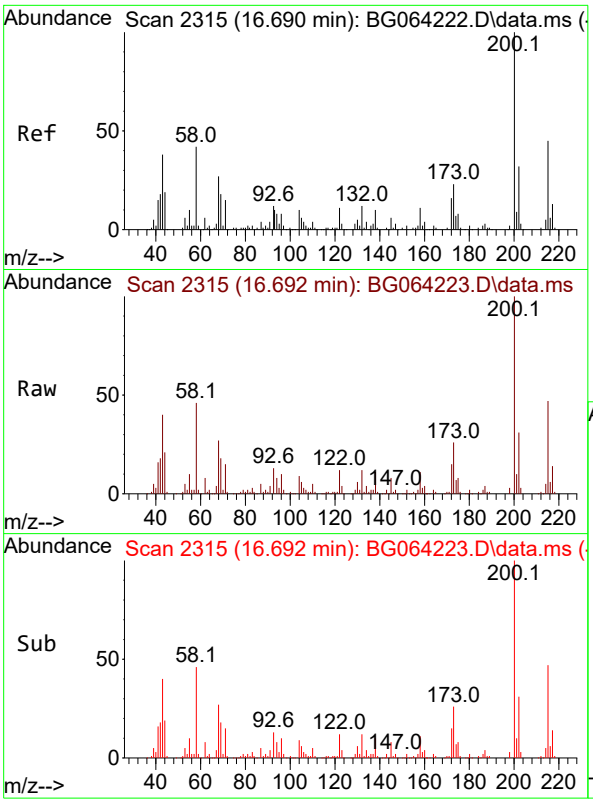


#68
Hexachlorobenzene
Concen: 49.006 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:284 Resp: 150620

Ion	Ratio	Lower	Upper
284	100		
142	34.7	32.1	48.1
249	31.6	28.3	42.5

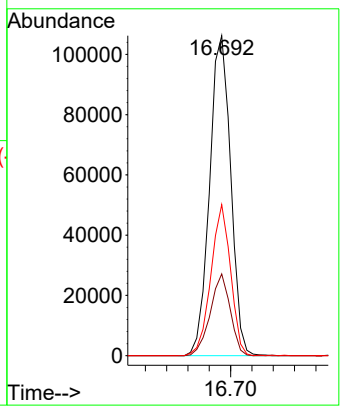




#69
Atrazine
Concen: 48.714 ng
RT: 16.692 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:200 Resp: 14580

Ion	Ratio	Lower	Upper
200	100		
173	25.6	3.5	43.5
215	47.2	24.8	64.8



Instrument :
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ClientSampleId :
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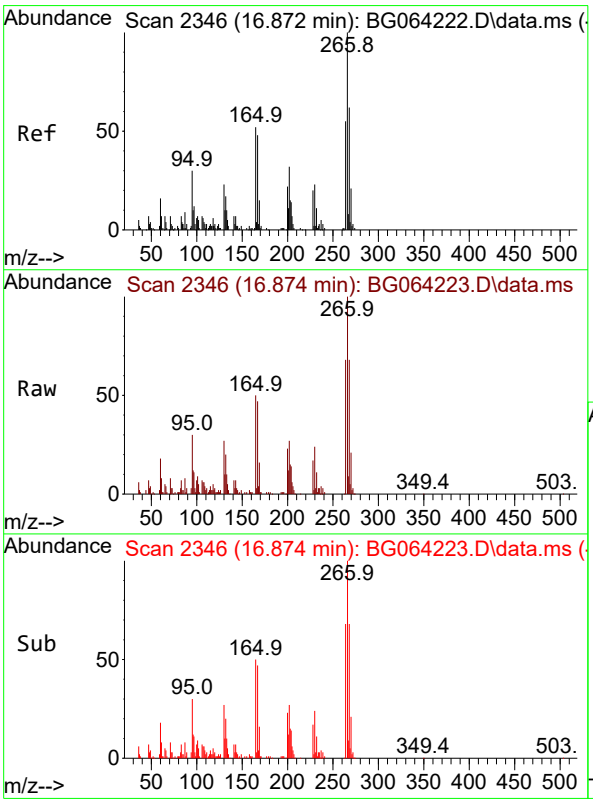
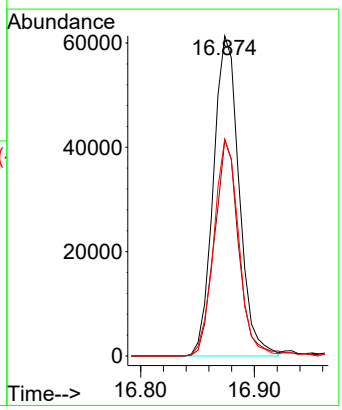
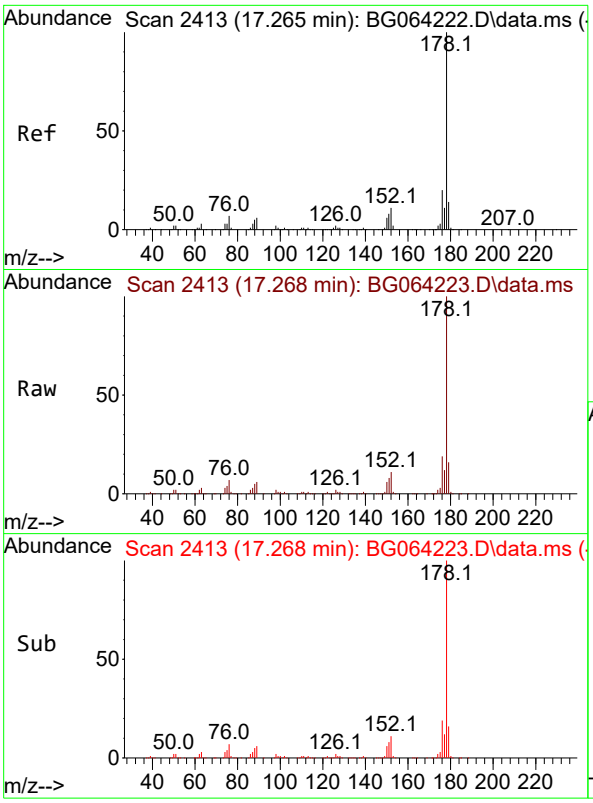


#70
Pentachlorophenol
Concen: 51.699 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:266 Resp: 96347

Ion	Ratio	Lower	Upper
266	100		
268	67.5	49.4	74.0
264	67.8	44.3	66.5#





#71
Phenanthrene
Concen: 48.343 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:178 Resp: 66442

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	11.4	17.2

Instrument :
BNA_G
ClientSampleId :
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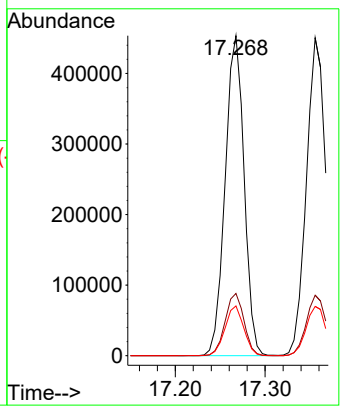
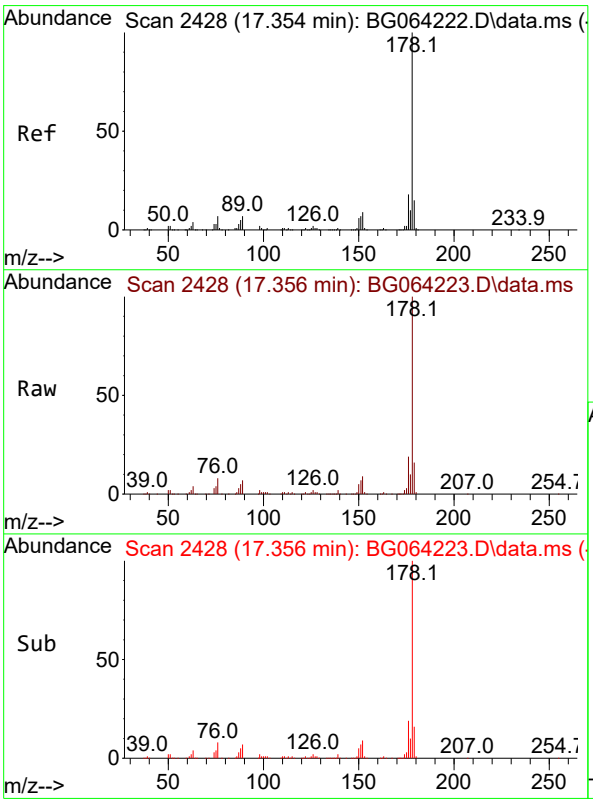
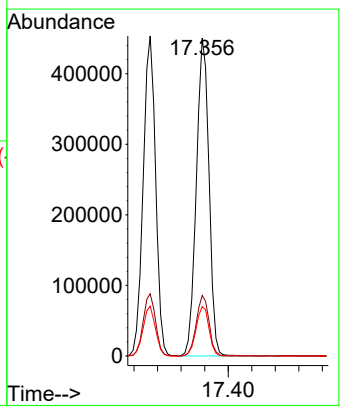


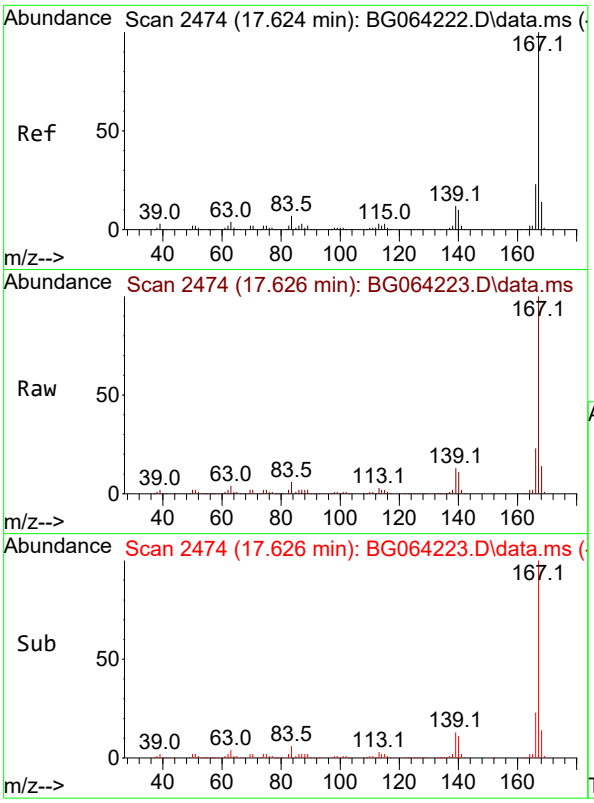


#72
Anthracene
Concen: 48.144 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:178 Resp: 673083

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.5	12.1	18.1

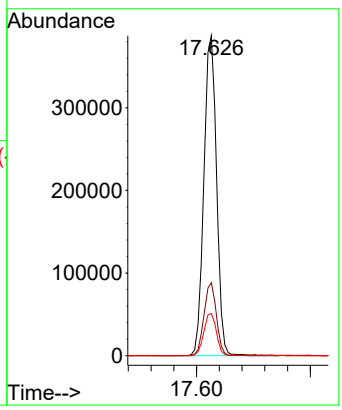




#73
Carbazole
Concen: 48.528 ng
RT: 17.626 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:167 Resp: 59767

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.2
139	13.2	9.8	14.6



Instrument :
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ClientSampleId :
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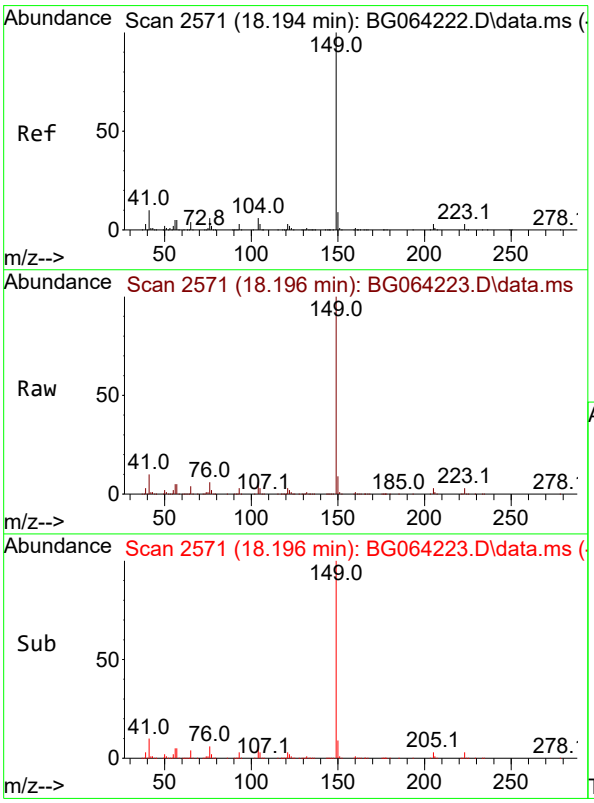
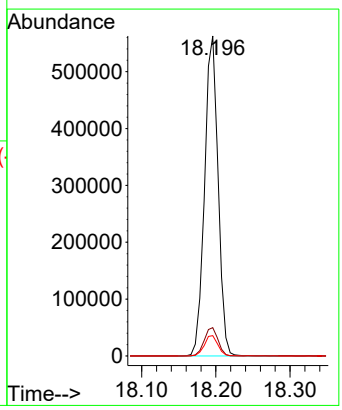
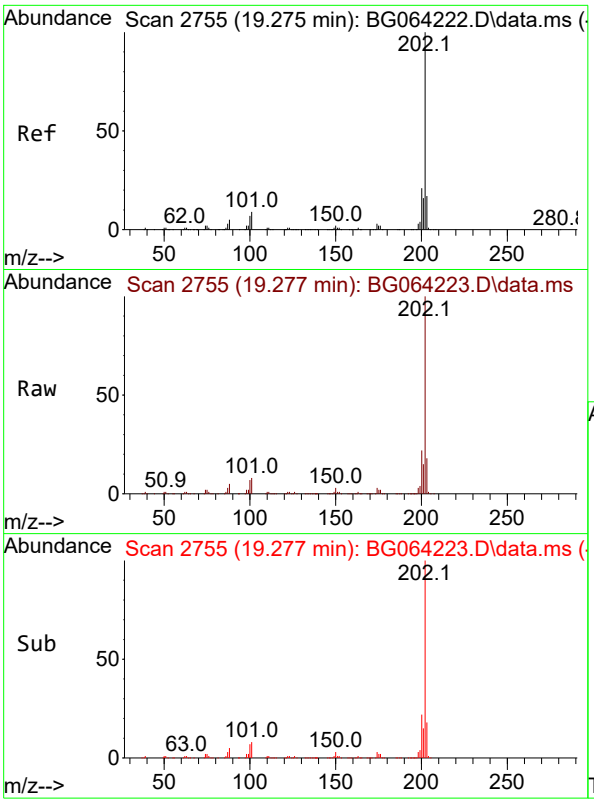


#74
Di-n-butylphthalate
Concen: 48.243 ng
RT: 18.196 min Scan# 2571
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:149 Resp: 713842

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.4	4.6	7.0

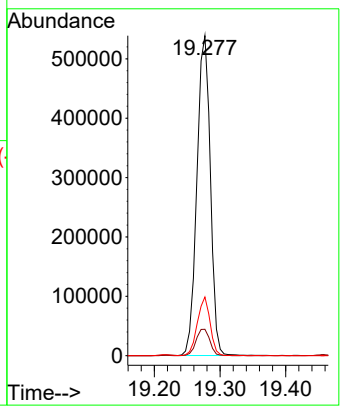




#75
Fluoranthene
Concen: 47.477 ng
RT: 19.277 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:202 Resp: 76725

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.7
203	18.4	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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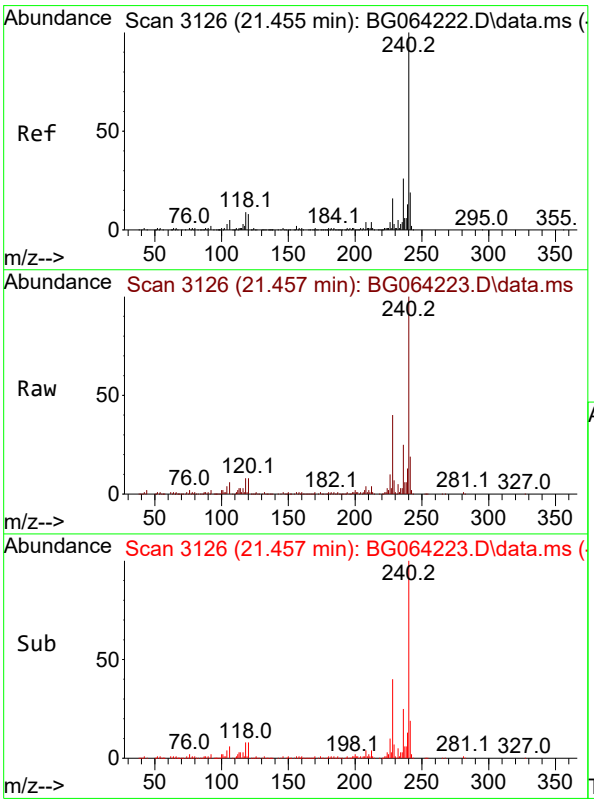
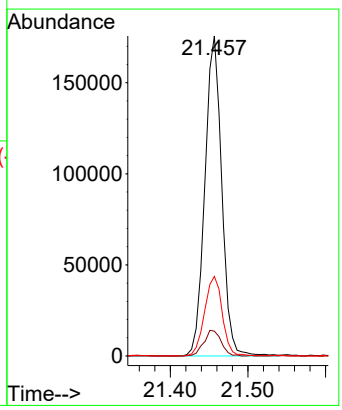
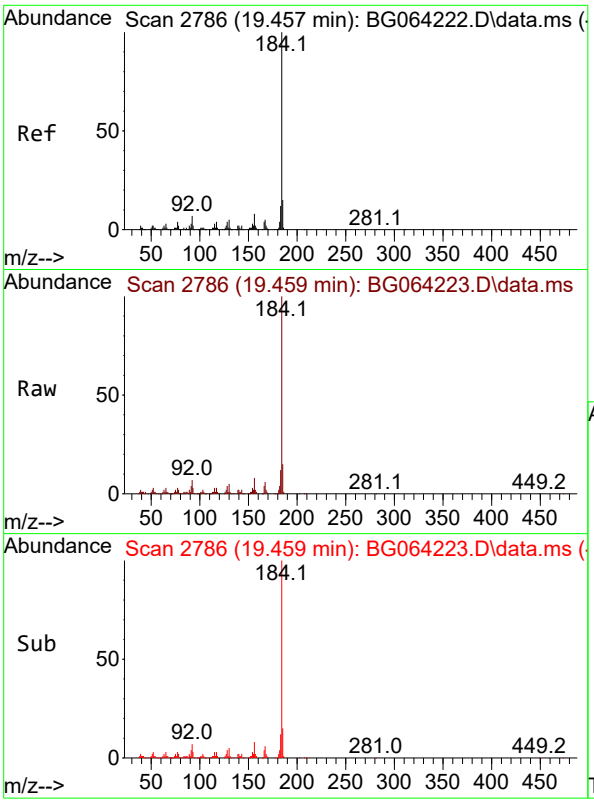


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:240 Resp: 265427

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	24.8	20.5	30.7

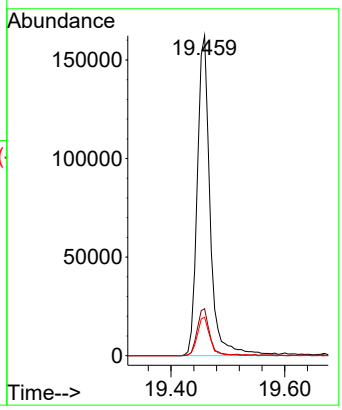




#77
Benzidine
Concen: 45.730 ng
RT: 19.459 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:184 Resp: 25534

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	12.0	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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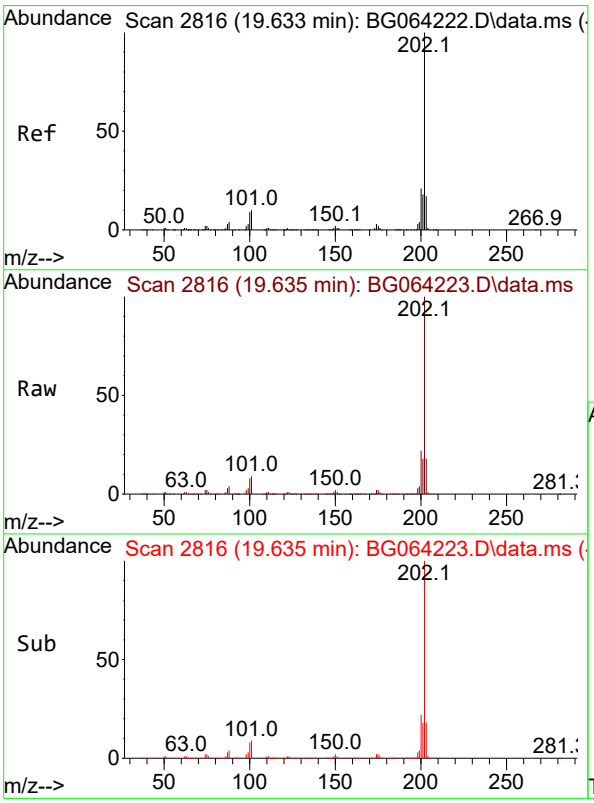
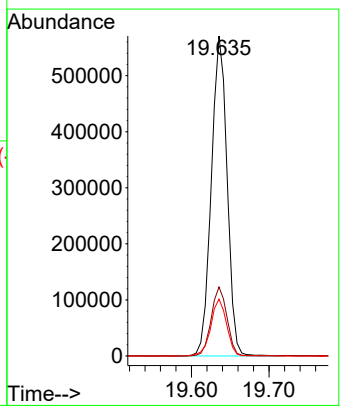
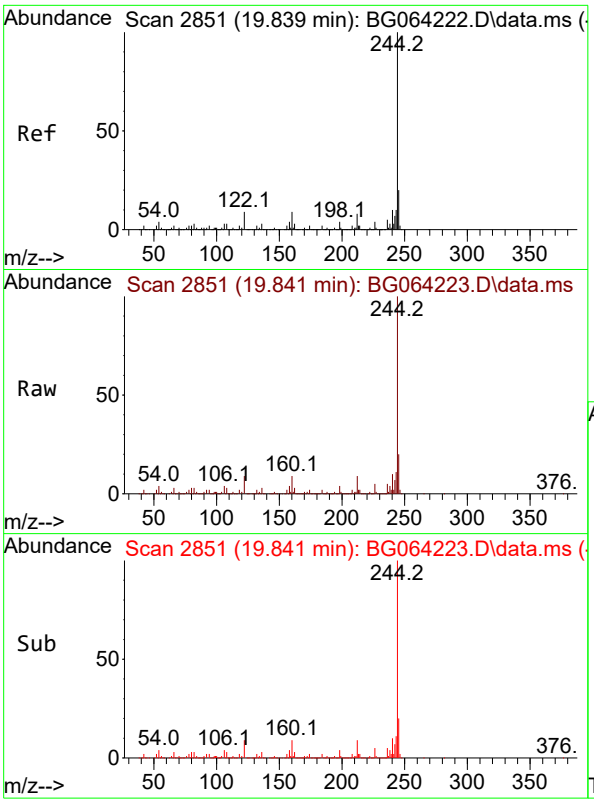


#78
Pyrene
Concen: 48.257 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:202 Resp: 806963

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.7	13.8	20.8

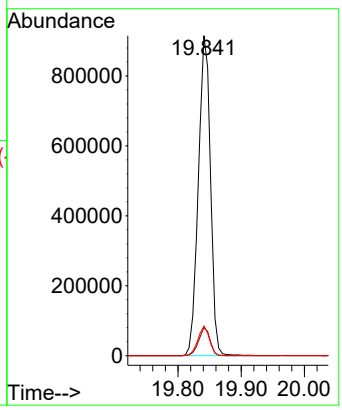




#79
Terphenyl-d14
Concen: 95.772 ng
RT: 19.841 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:244 Resp: 121842

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	9.3	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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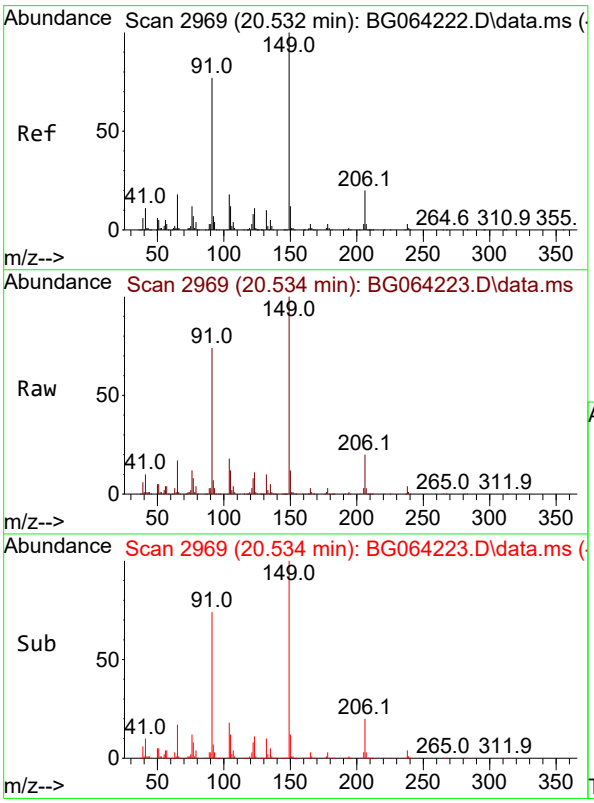
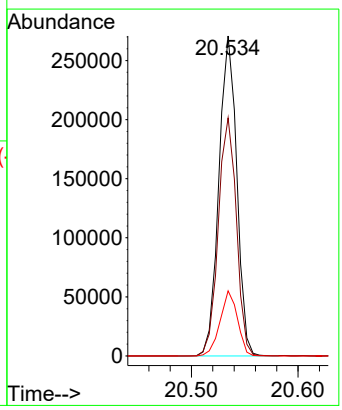
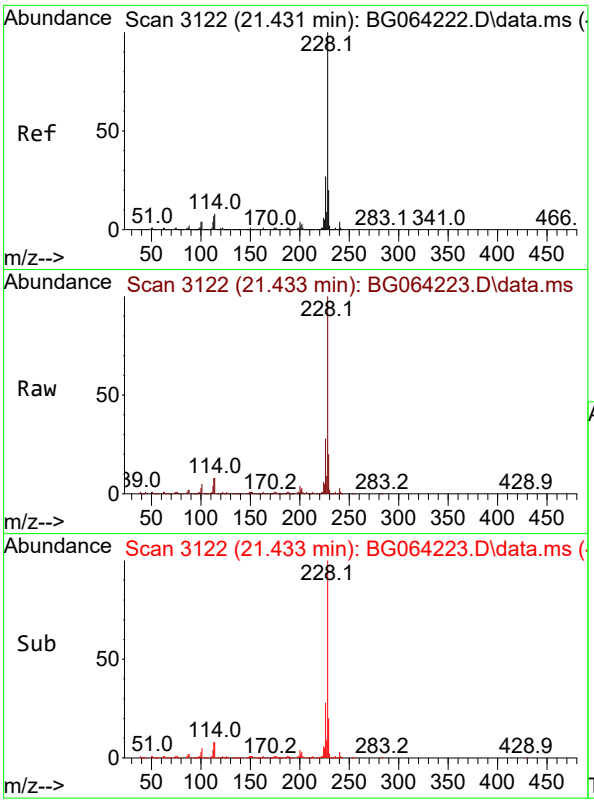


#80
Butylbenzylphthalate
Concen: 49.896 ng
RT: 20.534 min Scan# 2969
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:149 Resp: 314706

Ion	Ratio	Lower	Upper
149	100		
91	74.4	61.4	92.0
206	20.4	15.8	23.6

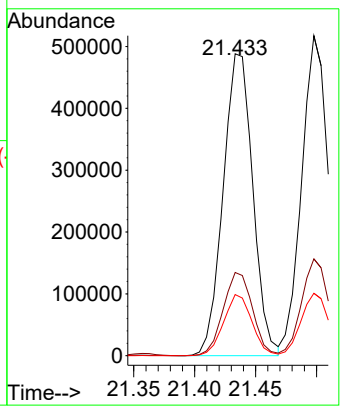




#81
Benzo(a)anthracene
Concen: 48.784 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:228 Resp: 82839

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.3	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
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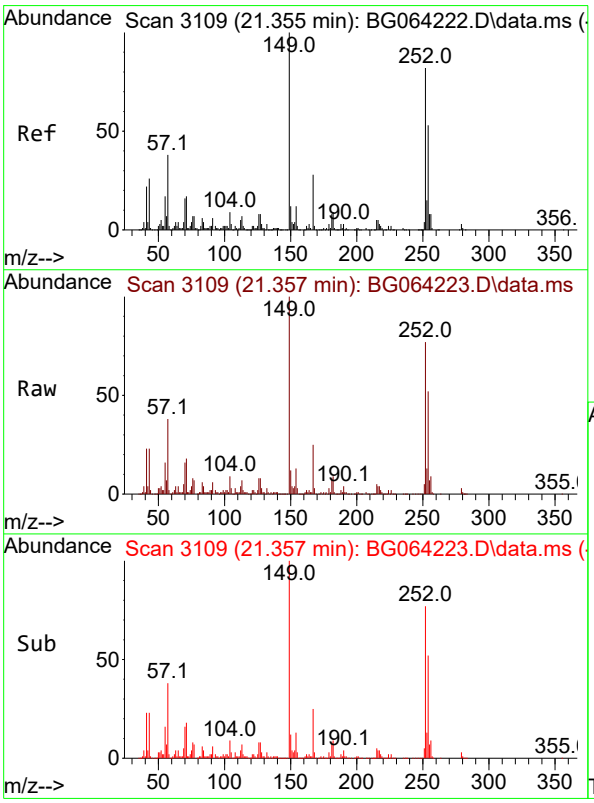
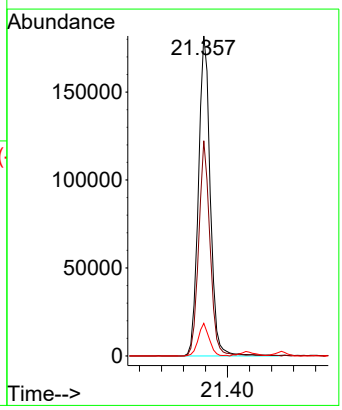
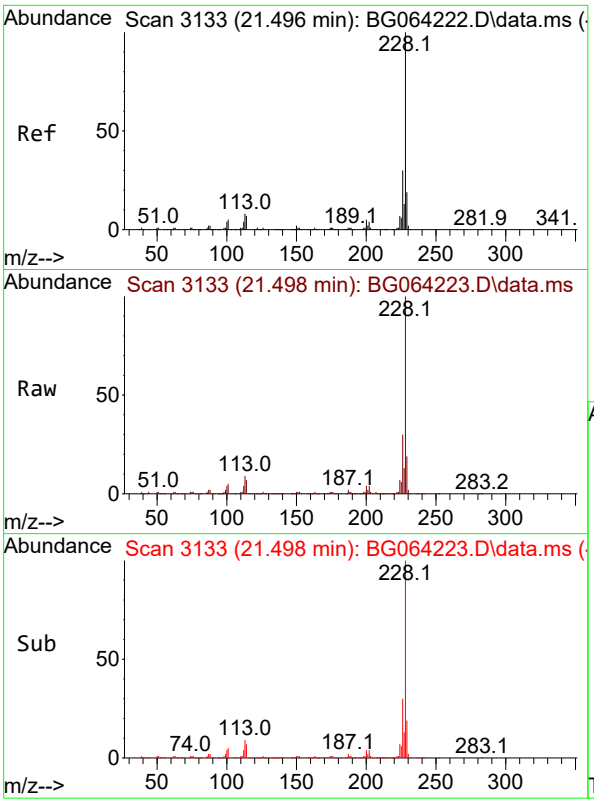


#82
3,3'-Dichlorobenzidine
Concen: 49.185 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:252 Resp: 272006

Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.9	77.9
126	10.2	7.6	11.4

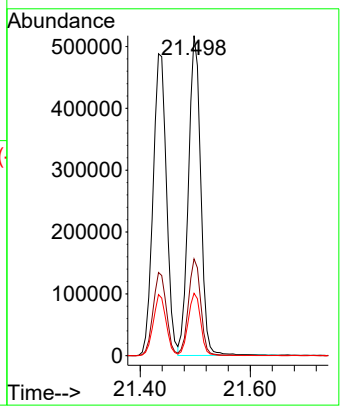




#83
Chrysene
Concen: 49.001 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:228 Resp: 79882

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.5	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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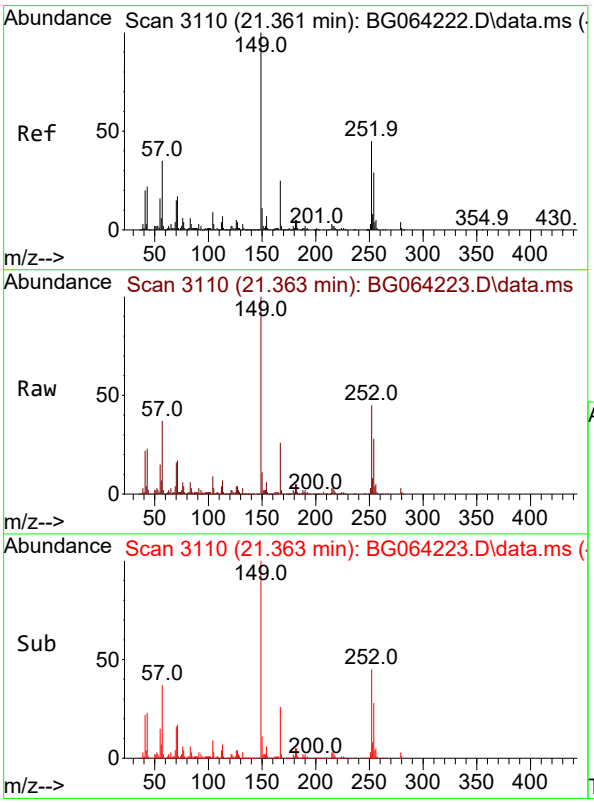
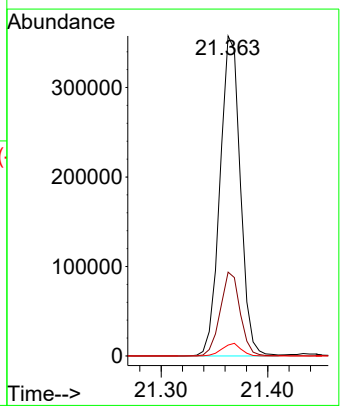
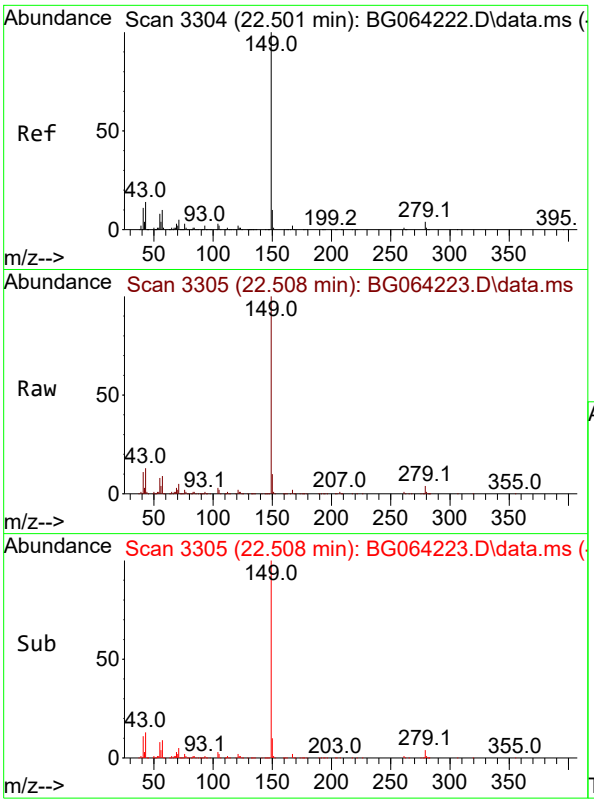


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.934 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:149 Resp: 472845

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.0	30.0
279	3.4	3.0	4.4

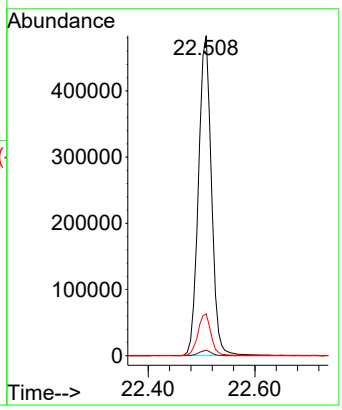




#85
Di-n-octyl phthalate
Concen: 49.375 ng
RT: 22.508 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:149 Resp: 81465

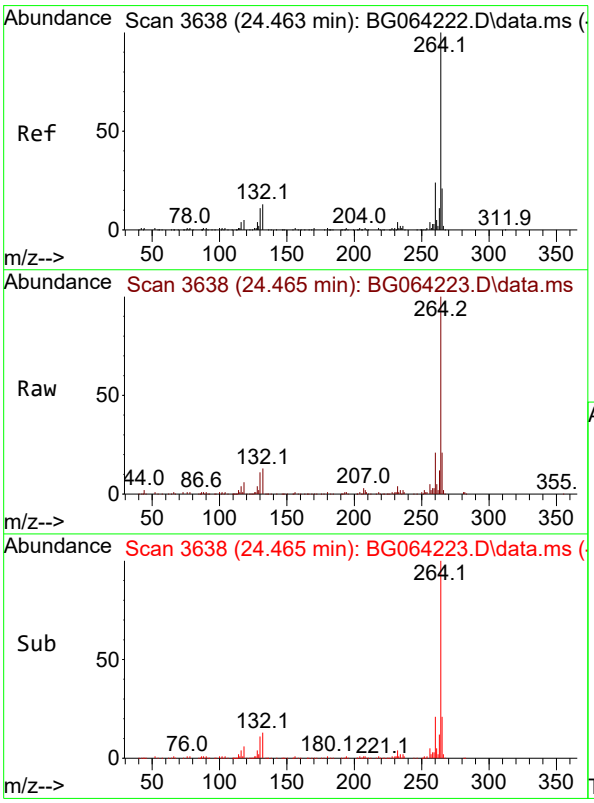
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.3	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

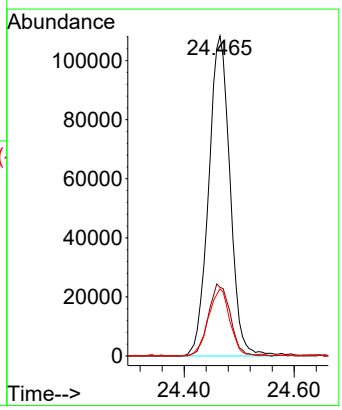
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

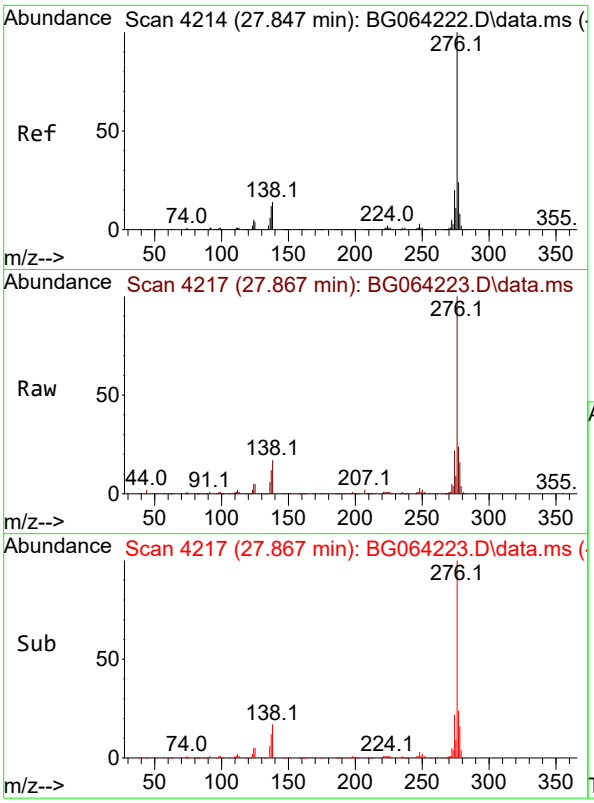


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:264 Resp: 291787

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.9	28.3
265	21.0	16.7	25.1

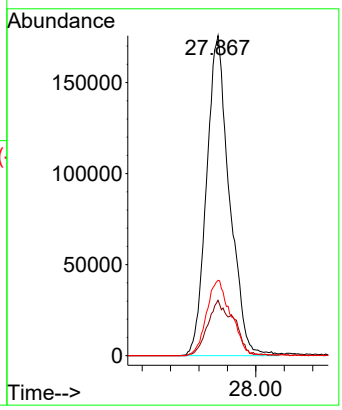




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.338 ng
RT: 27.867 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:276 Resp: 98313

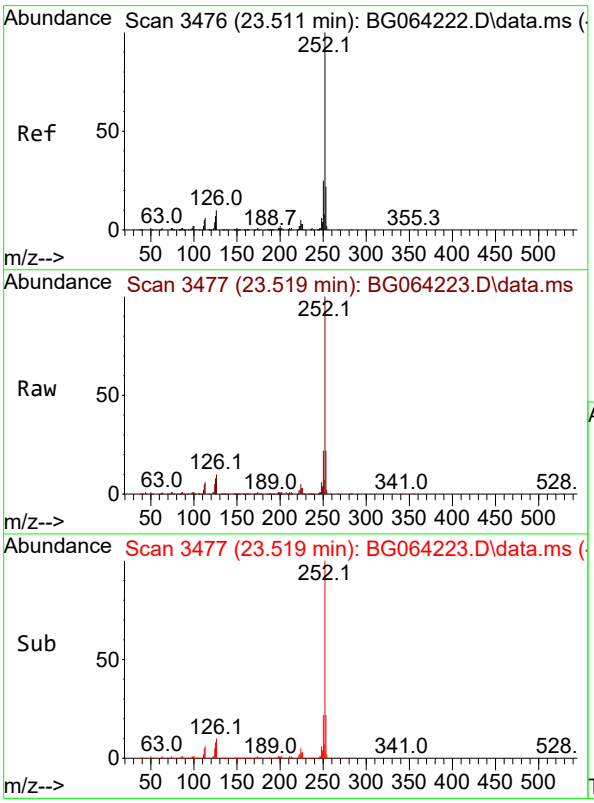
Ion	Ratio	Lower	Upper
276	100		
138	13.7	7.4	11.0
277	25.0	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

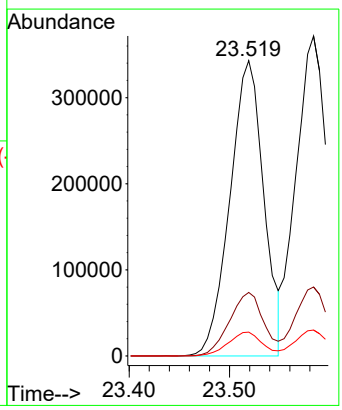
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

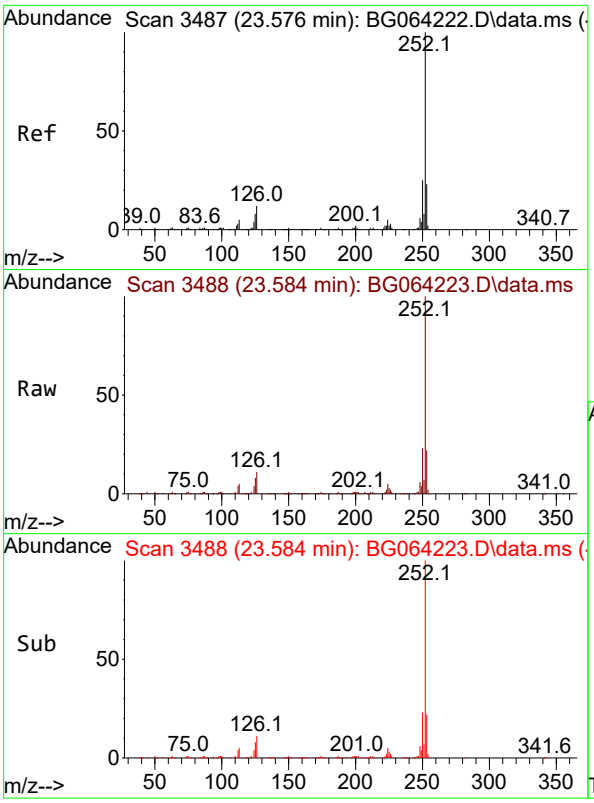


#88
Benzo(b)fluoranthene
Concen: 48.889 ng
RT: 23.519 min Scan# 3477
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:252 Resp: 805106

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.1	5.9	8.9

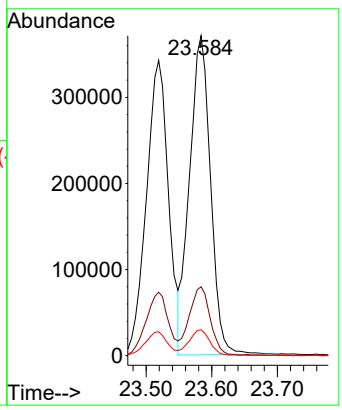




#89
Benzo(k)fluoranthene
Concen: 49.190 ng
RT: 23.584 min Scan# 34
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:252 Resp: 82527

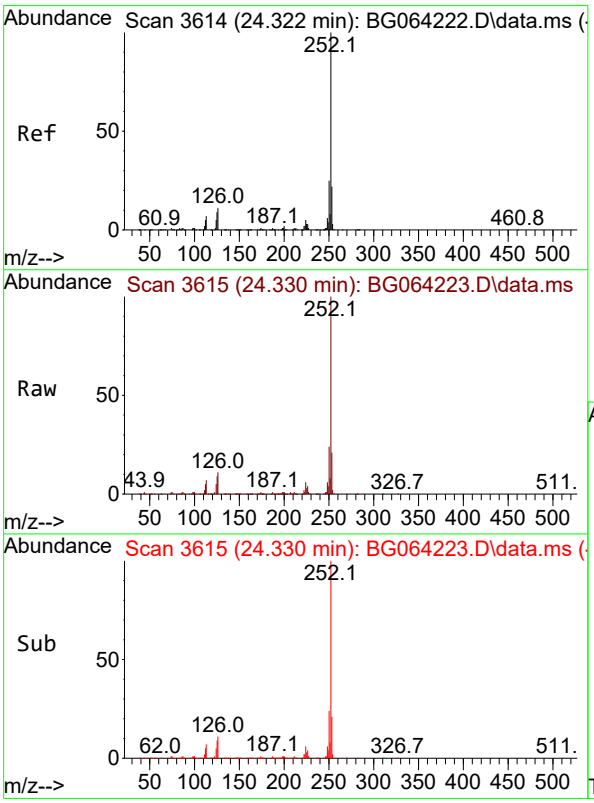
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	8.1	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

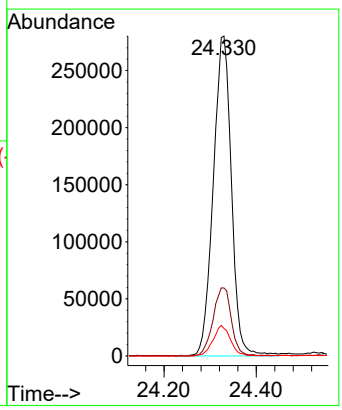
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

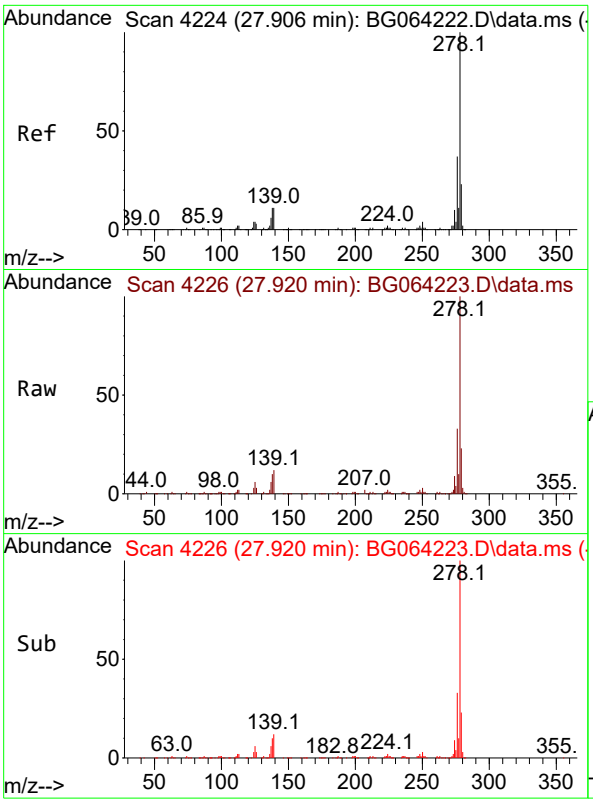


#90
Benzo(a)pyrene
Concen: 49.853 ng
RT: 24.330 min Scan# 3615
Delta R.T. 0.002 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:252 Resp: 763697

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	8.6	7.0	10.6





#91
Dibenzo(a,h)anthracene
Concen: 49.569 ng
RT: 27.920 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

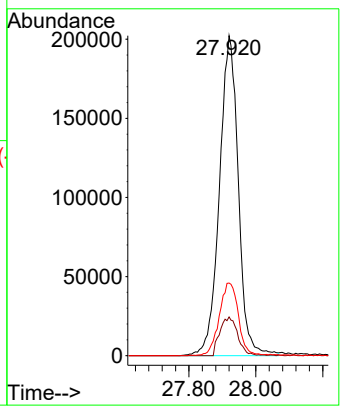
Tgt Ion:278 Resp: 79307

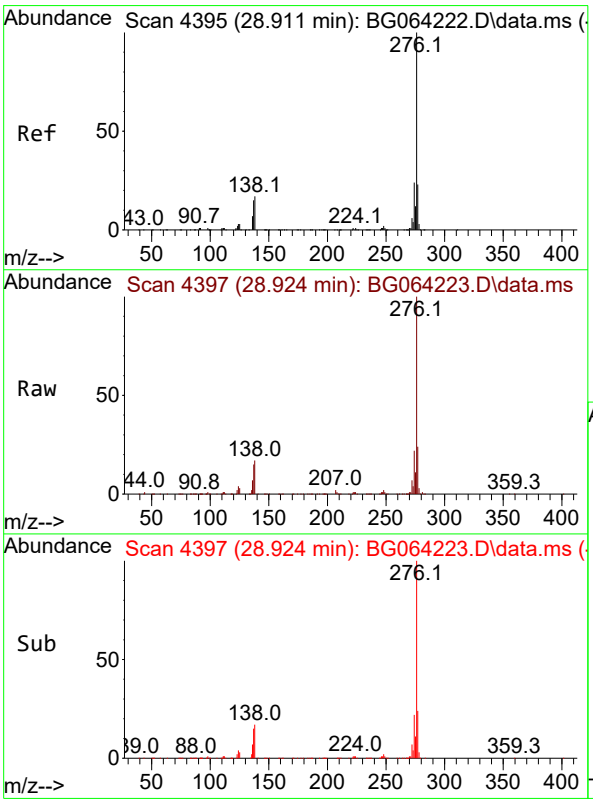
Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.0	13.4
279	22.7	18.8	28.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

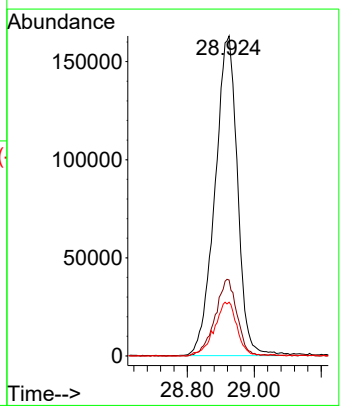




#92
Benzo(g,h,i)perylene
Concen: 48.833 ng
RT: 28.924 min Scan# 4397
Delta R.T. -0.010 min
Lab File: BG064223.D
Acq: 28 Aug 2025 14:55

Tgt Ion:276 Resp: 760245

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.4
138	16.8	13.3	19.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	36015	20.000	ng		0.00
21) Naphthalene-d8	10.647	136	170958	20.000	ng		0.00
39) Acenaphthene-d10	14.484	164	119119	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	261407	20.000	ng		0.00
76) Chrysene-d12	21.458	240	260140	20.000	ng		0.00
86) Perylene-d12	24.460	264	282089	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	241289	120.199	ng		0.00
7) Phenol-d6	7.028	99	335950	121.816	ng		0.00
23) Nitrobenzene-d5	9.014	82	385656	125.810	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	183766	116.471	ng		0.00
45) 2-Fluorobiphenyl	13.109	172	931958	119.418	ng		0.00
79) Terphenyl-d14	19.842	244	1464829	117.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	46659	55.765	ng		93
3) Pyridine	3.749	79	148183	60.164	ng	#	59
4) n-Nitrosodimethylamine	3.667	42	98975	60.754	ng		98
6) Aniline	7.186	93	238042	62.417	ng		100
8) 2-Chlorophenol	7.421	128	152055	61.987	ng		96
9) Benzaldehyde	6.998	77	155435	68.486	ng		98
10) Phenol	7.057	94	188585	62.023	ng		97
11) bis(2-Chloroethyl)ether	7.286	93	137237	60.065	ng		94
12) 1,3-Dichlorobenzene	7.750	146	153973	59.001	ng		96
13) 1,4-Dichlorobenzene	7.891	146	156384	59.377	ng		96
14) 1,2-Dichlorobenzene	8.209	146	155259	61.080	ng		97
15) Benzyl Alcohol	8.097	79	155325	61.031	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	316667	60.705	ng		97
17) 2-Methylphenol	8.297	107	141026	62.233	ng		93
18) Hexachloroethane	8.937	117	61354	59.678	ng		90
19) n-Nitroso-di-n-propyla...	8.667	70	132872	62.952	ng		96
20) 3+4-Methylphenols	8.626	107	193119	61.332	ng		97
22) Acetophenone	8.679	105	263157	60.845	ng		98
24) Nitrobenzene	9.055	77	198465	61.967	ng		99
25) Isophorone	9.583	82	386602	60.683	ng		99
26) 2-Nitrophenol	9.760	139	90366	65.298	ng		93
27) 2,4-Dimethylphenol	9.824	122	149302	61.449	ng		96
28) bis(2-Chloroethoxy)met...	10.059	93	207316	60.350	ng		95
29) 2,4-Dichlorophenol	10.294	162	159519	62.224	ng		95
30) 1,2,4-Trichlorobenzene	10.512	180	162624	60.163	ng		97
31) Naphthalene	10.700	128	533782	60.212	ng		98
32) Benzoic acid	10.001	122	133067m	68.994	ng		
33) 4-Chloroaniline	10.800	127	214932	62.554	ng		97
34) Hexachlorobutadiene	10.988	225	121022	60.569	ng		91
35) Caprolactam	11.593	113	58399	58.831	ng	#	89
36) 4-Chloro-3-methylphenol	11.934	107	202895	60.999	ng		95
37) 2-Methylnaphthalene	12.310	142	395854	60.074	ng		96
38) 1-Methylnaphthalene	12.527	142	386279	59.349	ng		99
40) 1,2,4,5-Tetrachloroben...	12.674	216	211572	61.558	ng		98
41) Hexachlorocyclopentadiene	12.662	237	109873	67.263	ng		94
43) 2,4,6-Trichlorophenol	12.915	196	142653	62.098	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	156040	62.618	ng		100
46) 1,1'-Biphenyl	13.320	154	525792	60.603	ng		98
47) 2-Chloronaphthalene	13.361	162	399038	61.178	ng		96
48) 2-Nitroaniline	13.561	65	145751	65.561	ng		92
49) Acenaphthylene	14.207	152	575370	59.674	ng		99
50) Dimethylphthalate	13.943	163	516639	57.300	ng		100
51) 2,6-Dinitrotoluene	14.061	165	112647	64.535	ng		92
52) Acenaphthene	14.548	154	404535	59.453	ng		99
53) 3-Nitroaniline	14.390	138	115002	62.898	ng		92
54) 2,4-Dinitrophenol	14.589	184	67869	60.959	ng		95
55) Dibenzofuran	14.883	168	626661	58.552	ng		97
56) 4-Nitrophenol	14.695	139	91069	60.719	ng		96
57) 2,4-Dinitrotoluene	14.848	165	163372	61.902	ng	#	96
58) Fluorene	15.535	166	499733	56.968	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	144297	60.205	ng		98
60) Diethylphthalate	15.312	149	546656	56.652	ng		100
61) 4-Chlorophenyl-phenyle...	15.529	204	255865	58.501	ng		98
62) 4-Nitroaniline	15.553	138	118212	63.360	ng		96
63) Azobenzene	15.823	77	497962	57.900	ng		98
65) 4,6-Dinitro-2-methylph...	15.612	198	101194	67.426	ng		91
66) n-Nitrosodiphenylamine	15.741	169	441909	61.453	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	171364	61.720	ng		95
68) Hexachlorobenzene	16.534	284	190207	61.691	ng		96
69) Atrazine	16.693	200	176003	58.617	ng		99
70) Pentachlorophenol	16.875	266	122654	65.608	ng		93
71) Phenanthrene	17.269	178	816436	59.216	ng		99
72) Anthracene	17.357	178	838831	59.810	ng		99
73) Carbazole	17.627	167	733146	59.340	ng		98
74) Di-n-butylphthalate	18.197	149	877217	59.097	ng		98
75) Fluoranthene	19.278	202	947053	58.419	ng		100
77) Benzidine	19.454	184	278230	50.842	ng		99
78) Pyrene	19.636	202	990486	60.435	ng		99
80) Butylbenzylphthalate	20.535	149	386881	62.586	ng		98
81) Benzo(a)anthracene	21.434	228	1010842	60.738	ng		99
82) 3,3'-Dichlorobenzidine	21.358	252	324809	59.926	ng		98
83) Chrysene	21.499	228	958620	59.998	ng		98
84) Bis(2-ethylhexyl)phtha...	21.364	149	572579	61.696	ng		98
85) Di-n-octyl phthalate	22.504	149	1017157	62.901	ng		100
87) Indeno(1,2,3-cd)pyrene	27.868	276	1208324	62.724	ng	#	96
88) Benzo(b)fluoranthene	23.520	252	985063	61.873	ng		99
89) Benzo(k)fluoranthene	23.585	252	994667	61.325	ng		98
90) Benzo(a)pyrene	24.331	252	923392	62.350	ng		97
91) Dibenzo(a,h)anthracene	27.921	278	968236	62.598	ng		99
92) Benzo(g,h,i)perylene	28.925	276	933012	61.991	ng		98

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

ICAL Form

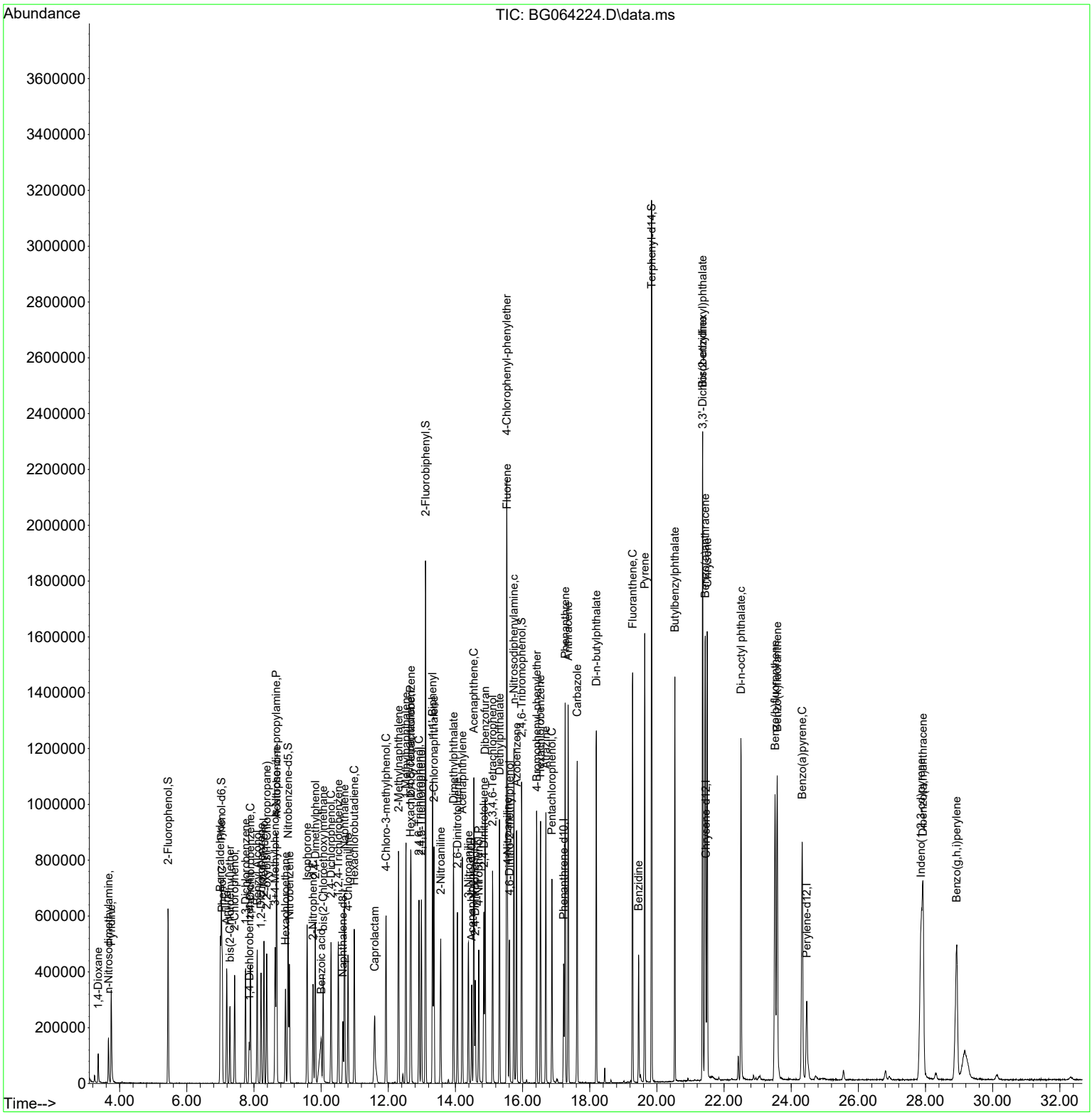
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

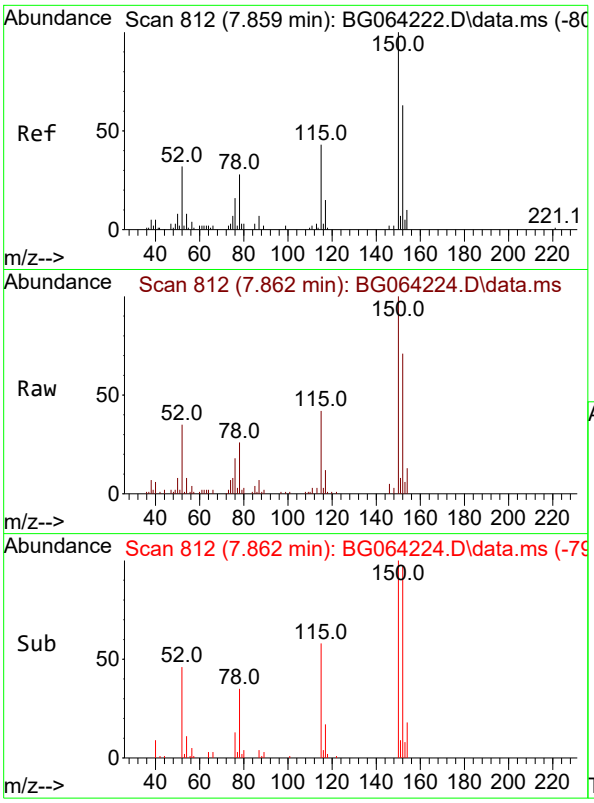
Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

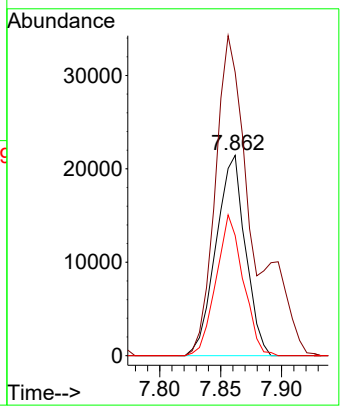




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:152 Resp: 3601

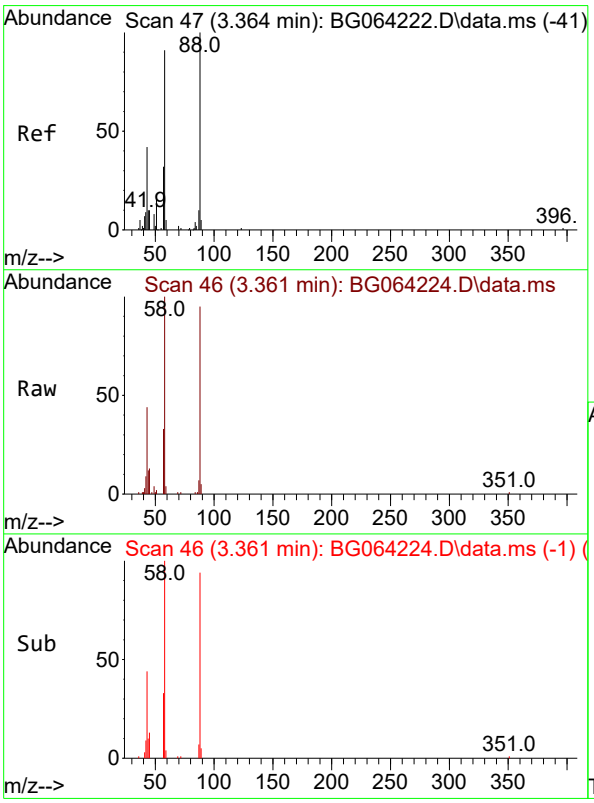
Ion	Ratio	Lower	Upper
152	100		
150	141.4	128.0	192.0
115	59.9	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

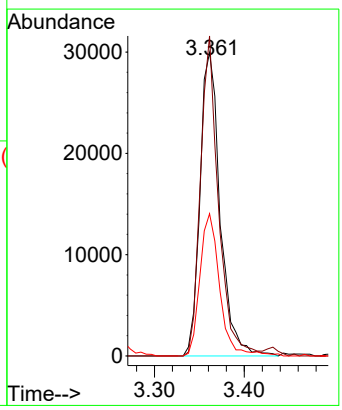
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

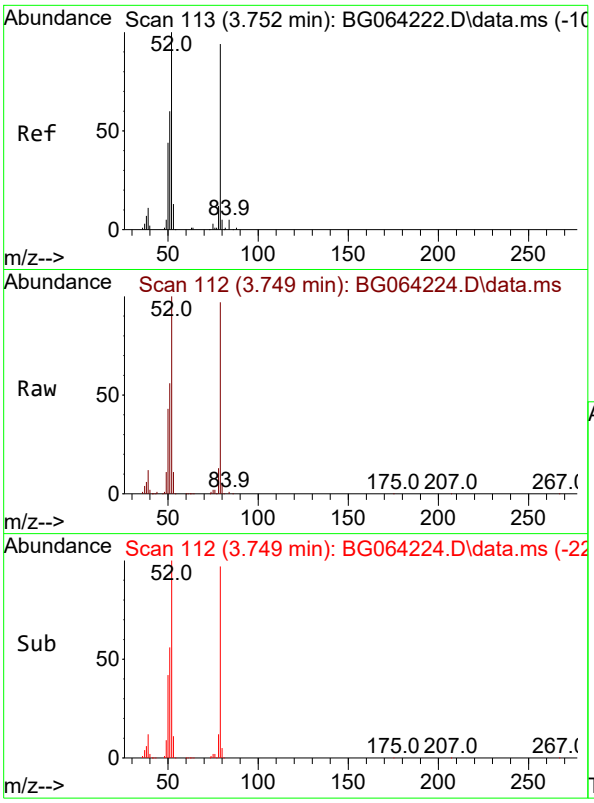


#2
1,4-Dioxane
Concen: 55.765 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 88 Resp: 46659

Ion	Ratio	Lower	Upper
88	100		
58	94.1	80.8	121.2
43	46.0	40.3	60.5

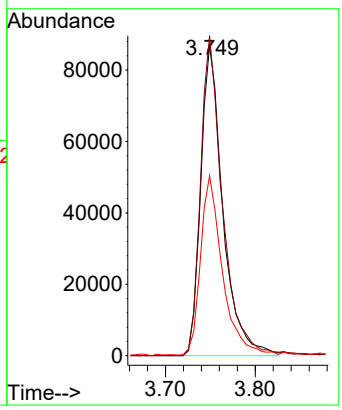




#3
Pyridine
Concen: 60.164 ng
RT: 3.749 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 79 Resp: 14818

Ion	Ratio	Lower	Upper
79	100		
52	103.3	86.6	129.8
51	58.0	114.1	171.1



Instrument :
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ClientSampleId :
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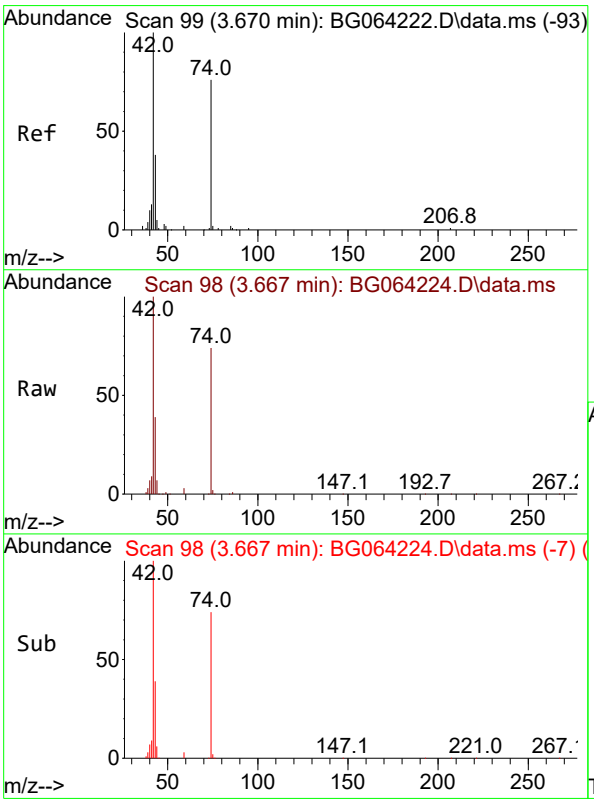
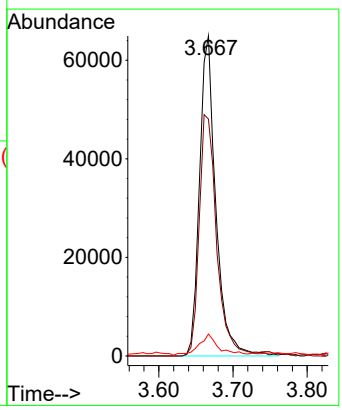
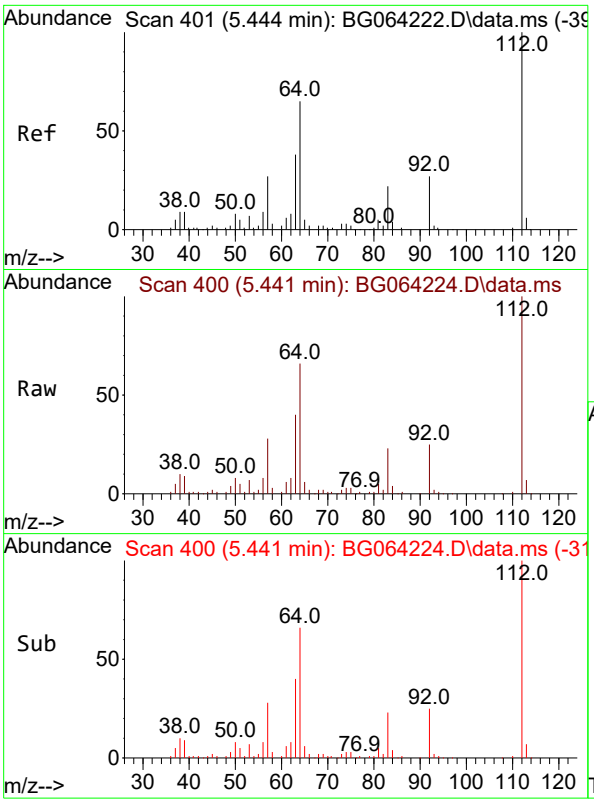


#4
n-Nitrosodimethylamine
Concen: 60.754 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 42 Resp: 98975

Ion	Ratio	Lower	Upper
42	100		
74	74.0	58.0	87.0
44	6.8	5.5	8.3

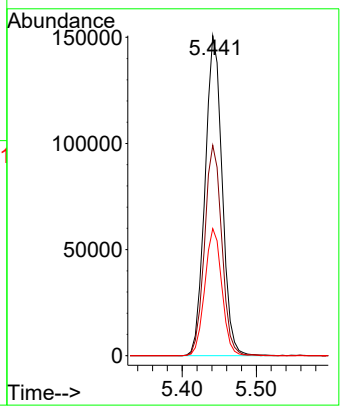




#5
2-Fluorophenol
Concen: 120.199 ng
RT: 5.441 min Scan# 4(
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:112 Resp: 24128

Ion	Ratio	Lower	Upper
112	100		
64	65.8	51.8	77.6
63	39.7	30.6	45.8



Instrument :
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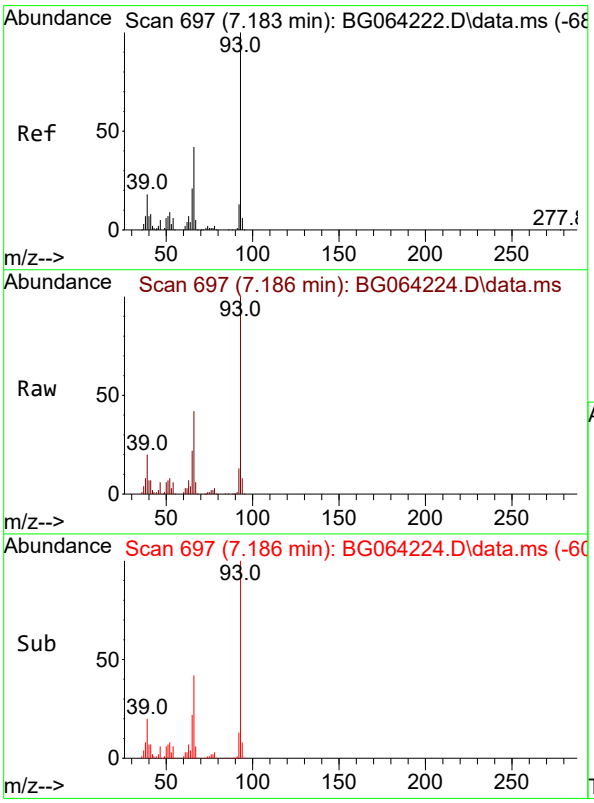
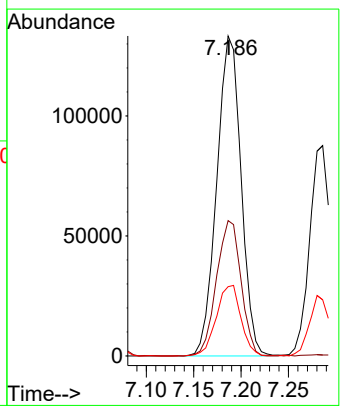
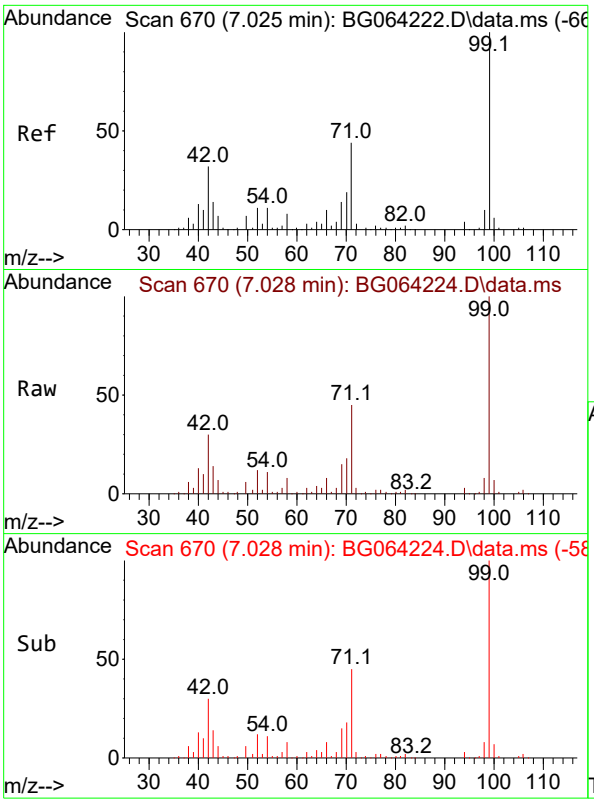


#6
Aniline
Concen: 62.417 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 93 Resp: 238042

Ion	Ratio	Lower	Upper
93	100		
66	42.3	33.8	50.8
65	21.7	16.9	25.3

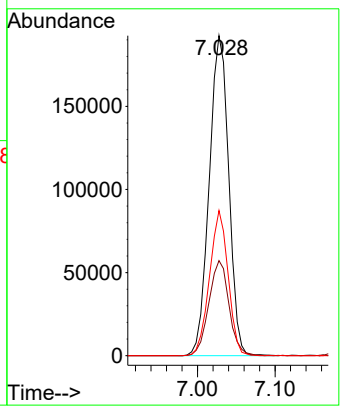




#7
Phenol-d6
Concen: 121.816 ng
RT: 7.028 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 99 Resp: 33595

Ion	Ratio	Lower	Upper
99	100		
42	29.7	25.8	38.8
71	45.4	35.2	52.8



Instrument :
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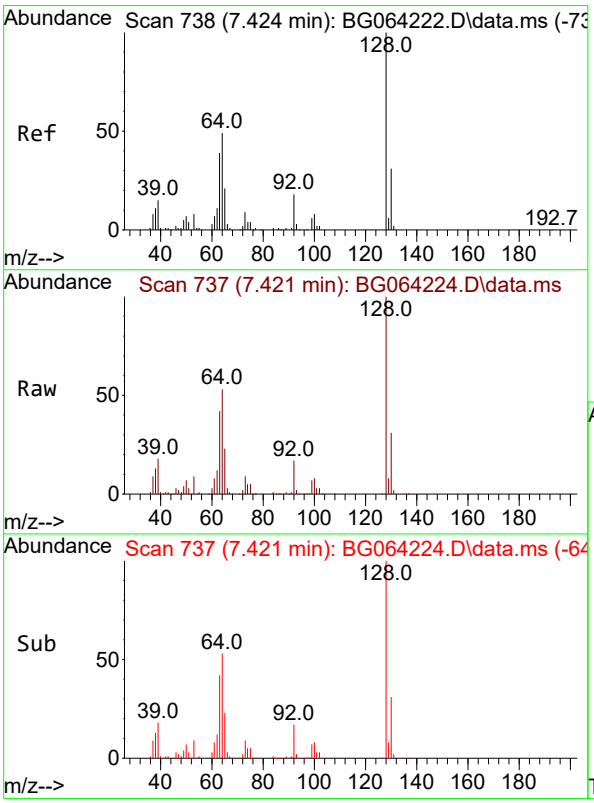
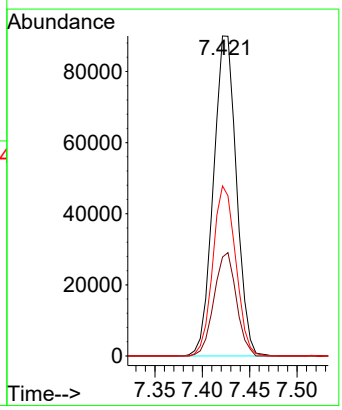
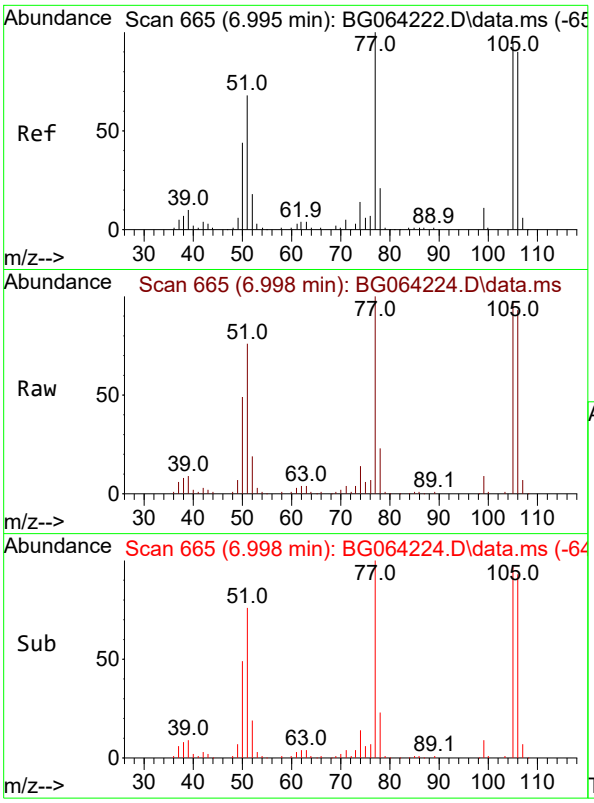


#8
2-Chlorophenol
Concen: 61.987 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:128 Resp: 152055

Ion	Ratio	Lower	Upper
128	100		
130	30.9	10.9	50.9
64	53.2	28.7	68.7

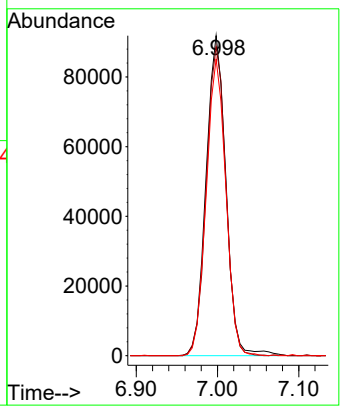




#9
Benzaldehyde
Concen: 68.486 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 77 Resp: 15543

Ion	Ratio	Lower	Upper
77	100		
105	96.6	75.2	115.2
106	92.7	69.6	109.6



Instrument :
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ClientSampleId :
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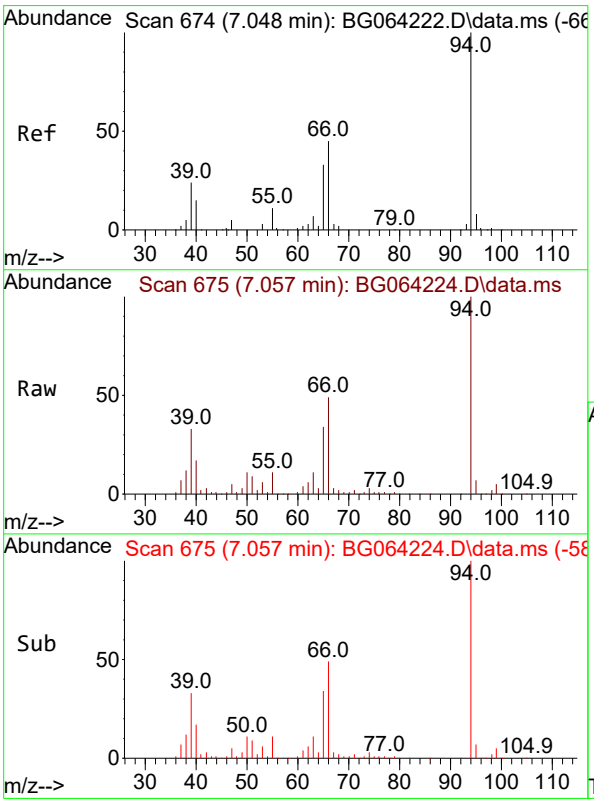
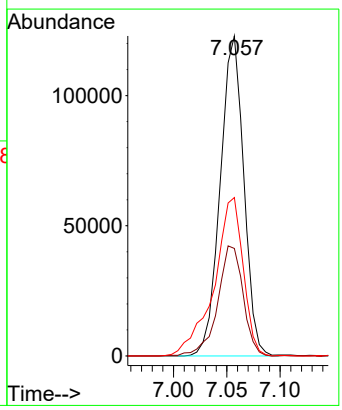
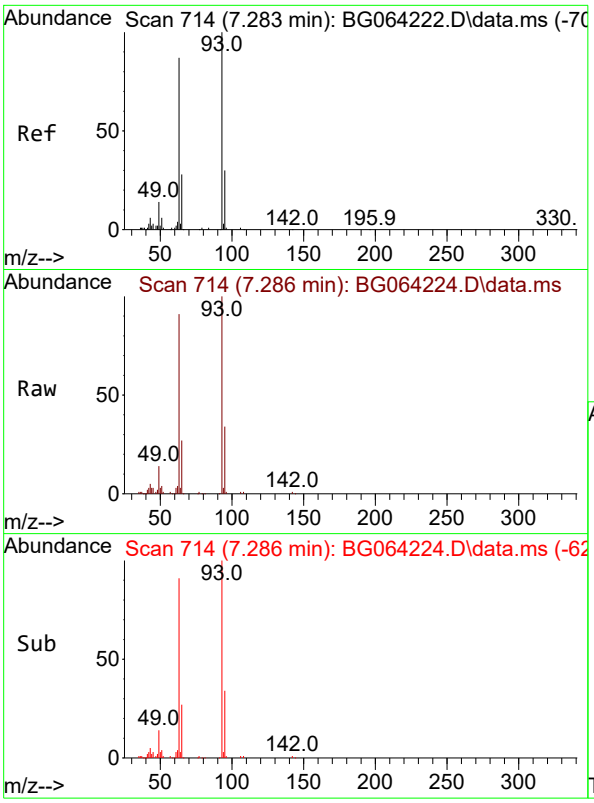


#10
Phenol
Concen: 62.023 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 94 Resp: 188585

Ion	Ratio	Lower	Upper
94	100		
65	33.6	13.5	53.5
66	49.5	26.2	66.2

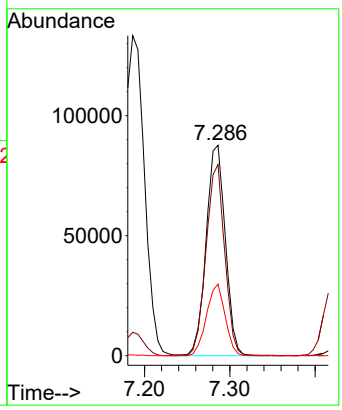




#11
bis(2-Chloroethyl)ether
Concen: 60.065 ng
RT: 7.286 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 93 Resp: 13723

Ion	Ratio	Lower	Upper
93	100		
63	90.9	66.2	106.2
95	34.0	9.8	49.8



Instrument :
BNA_G
ClientSampleId :
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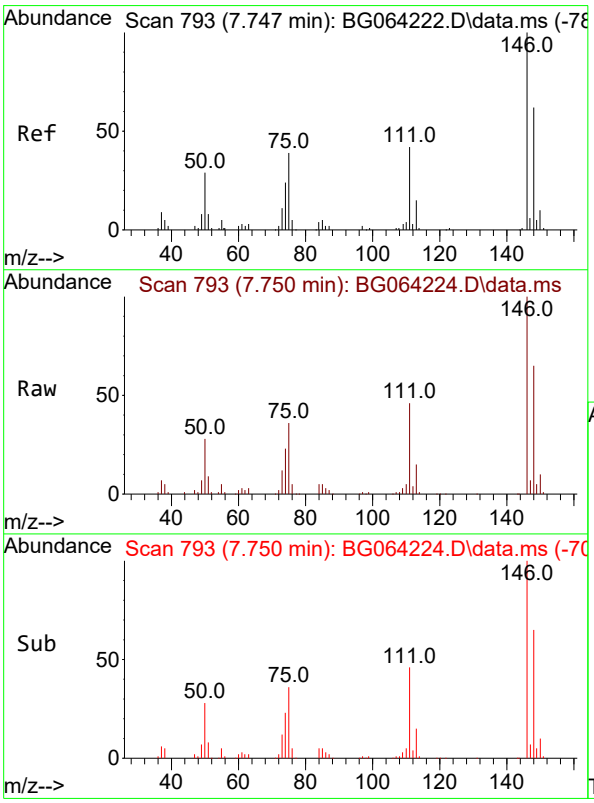
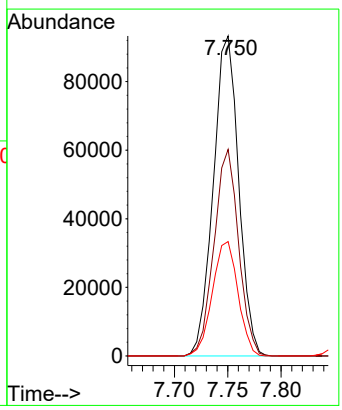
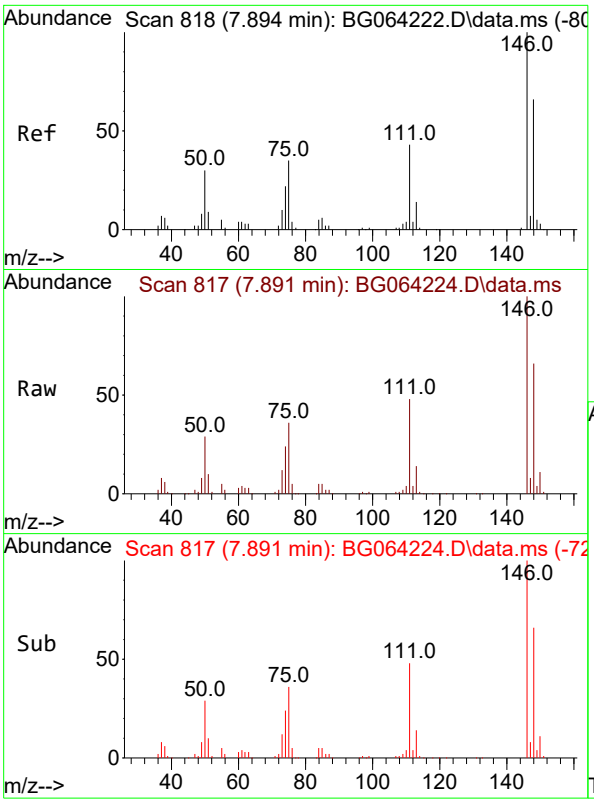


#12
1,3-Dichlorobenzene
Concen: 59.001 ng
RT: 7.750 min Scan# 793
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:146 Resp: 153973

Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.6	74.4
75	35.8	31.0	46.6

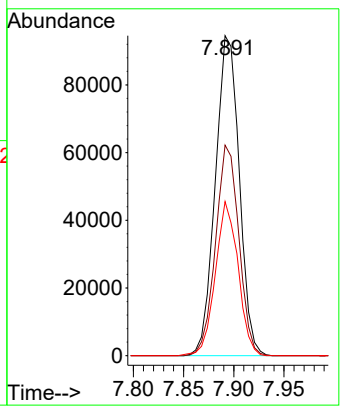




#13
1,4-Dichlorobenzene
Concen: 59.377 ng
RT: 7.891 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:146 Resp: 15638

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.8	79.2
111	48.1	34.1	51.1



Instrument :
BNA_G
ClientSampleId :
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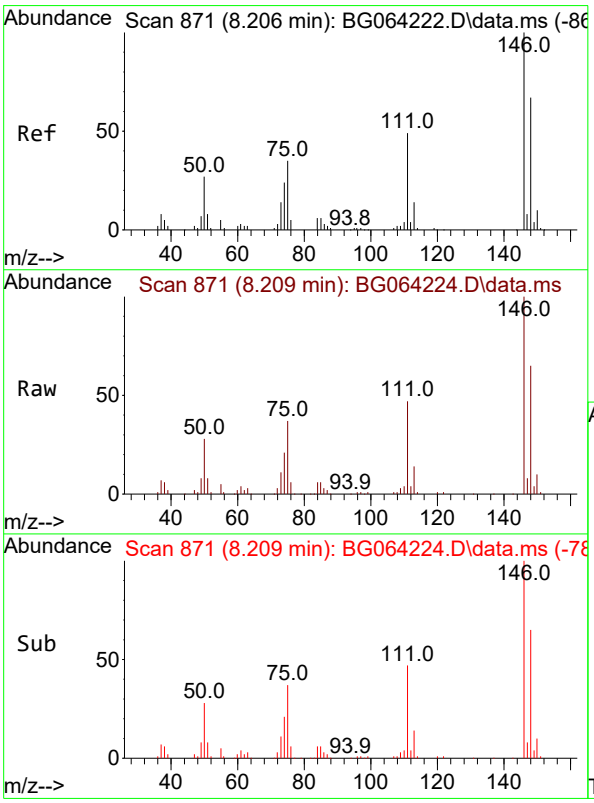
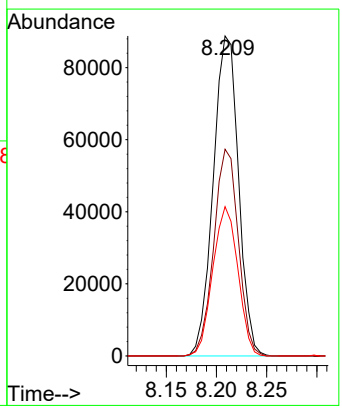
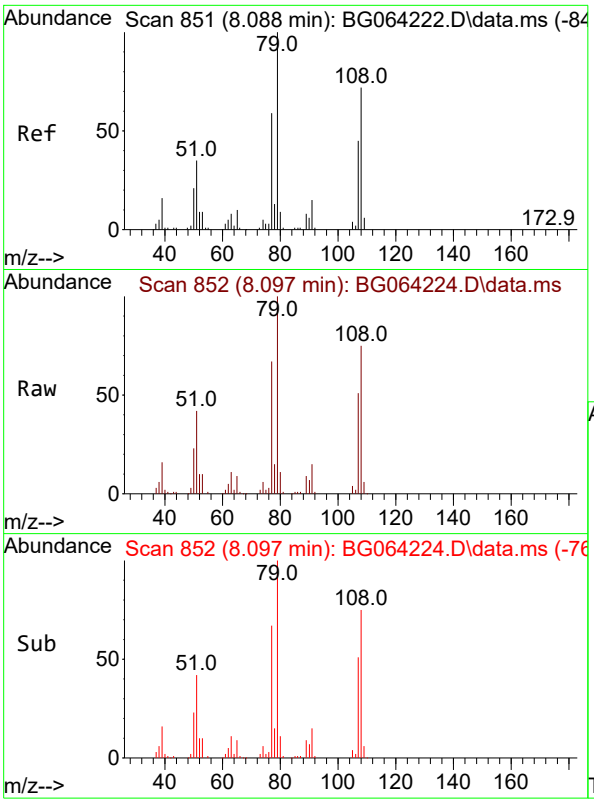


#14
1,2-Dichlorobenzene
Concen: 61.080 ng
RT: 8.209 min Scan# 871
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:146 Resp: 155259

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
111	46.6	39.1	58.7





#15
Benzyl Alcohol
Concen: 61.031 ng
RT: 8.097 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 79 Resp: 15532

Ion	Ratio	Lower	Upper
79	100		
108	75.0	57.4	86.0
77	67.1	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
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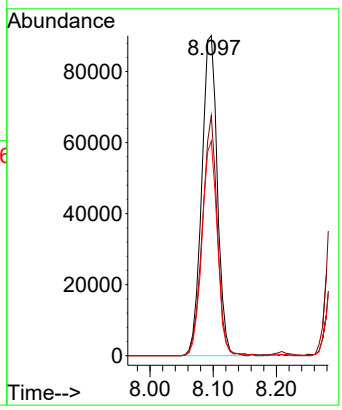
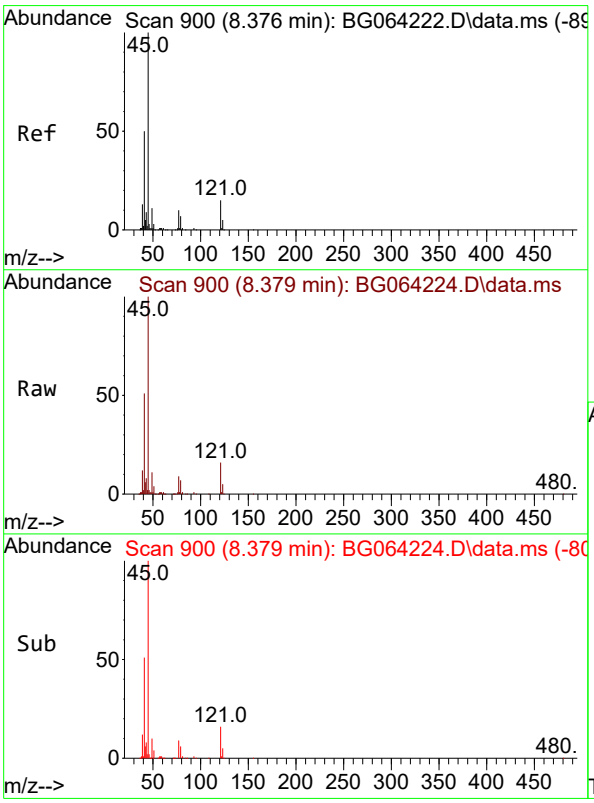
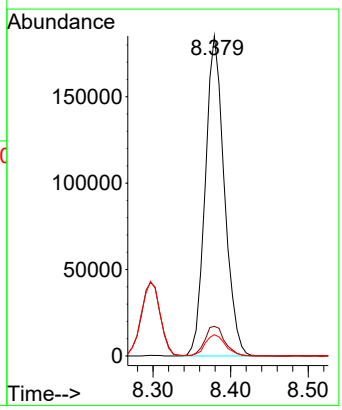


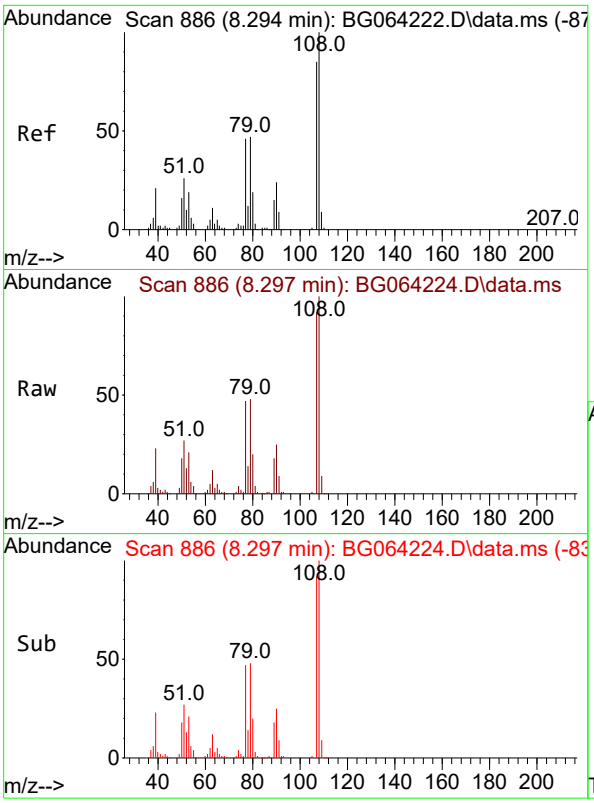


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.705 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 45 Resp: 316667

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	6.7	0.0	27.9

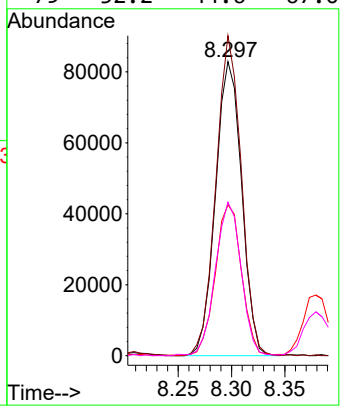




#17
2-Methylphenol
Concen: 62.233 ng
RT: 8.297 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:107 Resp: 14102

Ion	Ratio	Lower	Upper
107	100		
108	108.8	94.6	141.8
77	51.3	43.7	65.5
79	52.2	44.6	67.0



Instrument :
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ClientSampleId :
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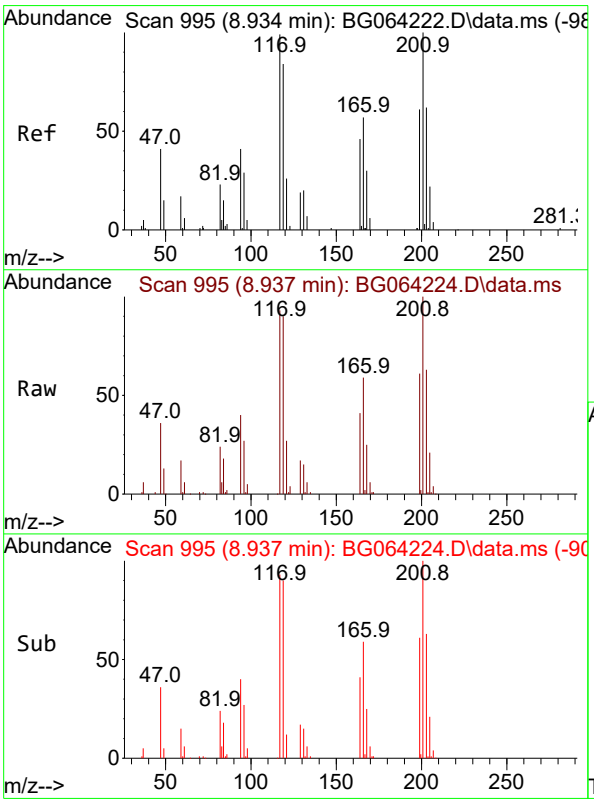
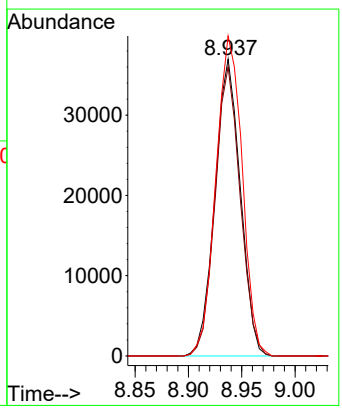
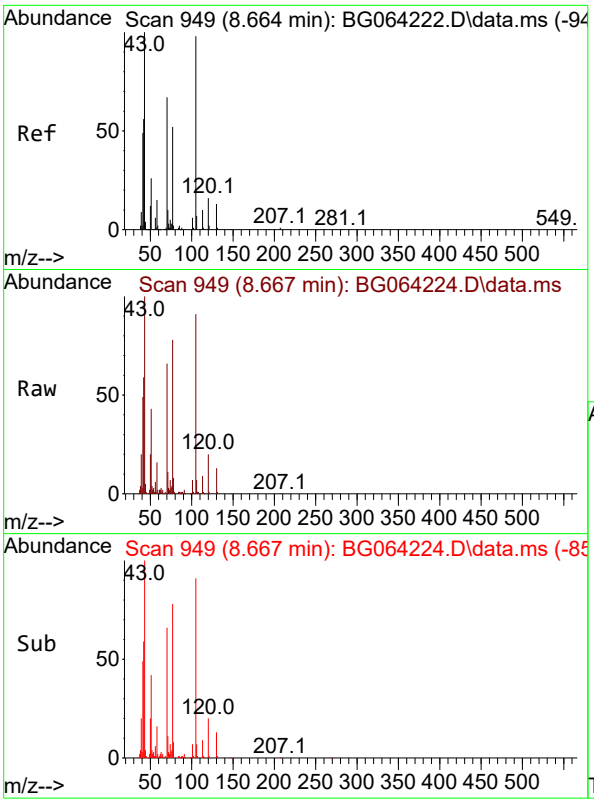


#18
Hexachloroethane
Concen: 59.678 ng
RT: 8.937 min Scan# 995
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:117 Resp: 61354

Ion	Ratio	Lower	Upper
117	100		
119	97.4	67.9	101.9
201	107.8	80.5	120.7

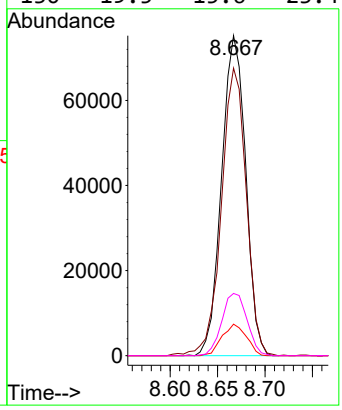




#19
n-Nitroso-di-n-propylamine
Concen: 62.952 ng
RT: 8.667 min Scan# 94
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 70 Resp: 13287

Ion	Ratio	Lower	Upper
70	100		
42	89.9	67.9	101.9
101	9.9	7.3	10.9
130	19.5	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
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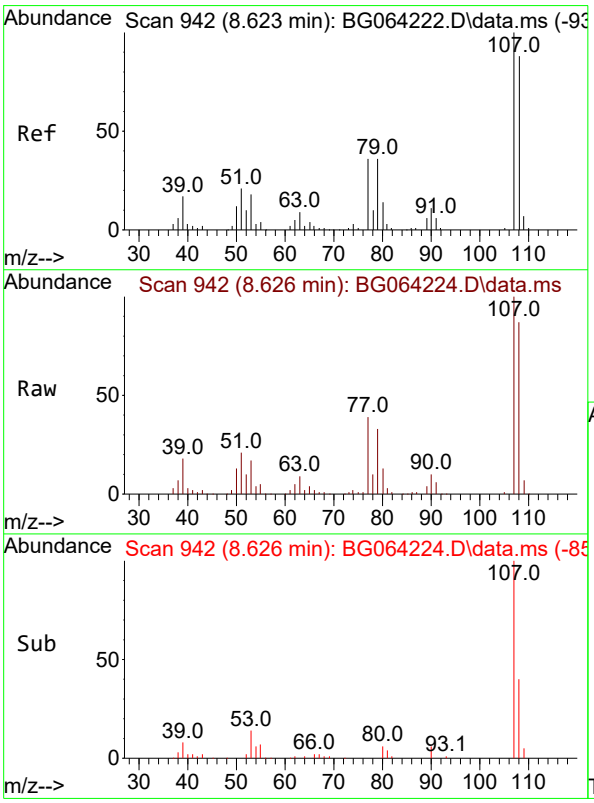
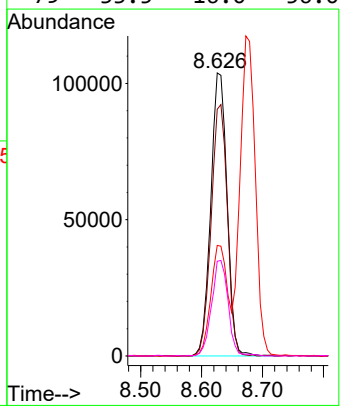
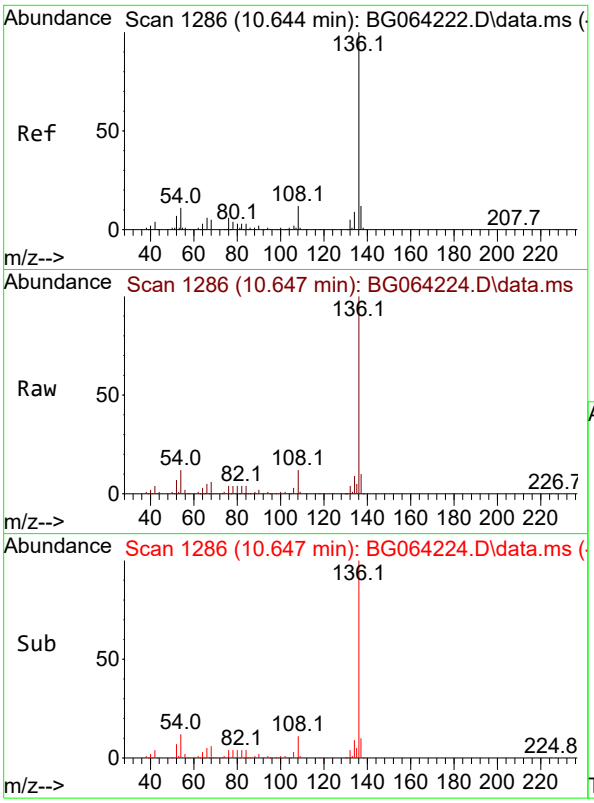


#20
3+4-Methylphenols
Concen: 61.332 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:107 Resp: 193119

Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.1	108.1
77	39.1	15.9	55.9
79	33.5	16.0	56.0

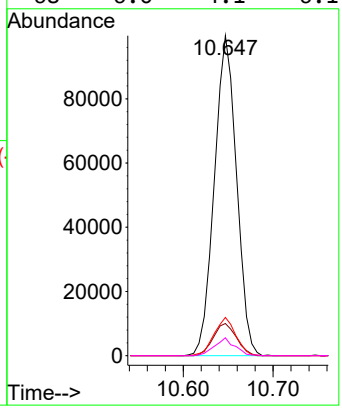




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:136 Resp: 17095

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	12.0	8.8	13.2
68	6.0	4.1	6.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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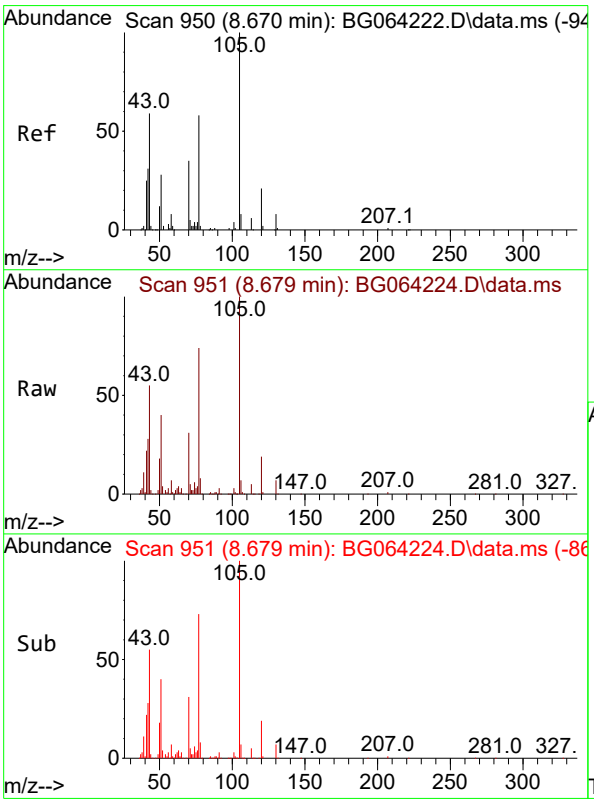
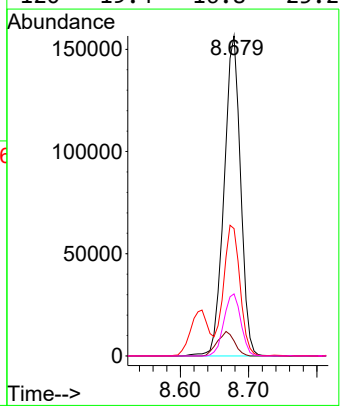
Supervised By :Jagrut Upadhyay 08/29/2025

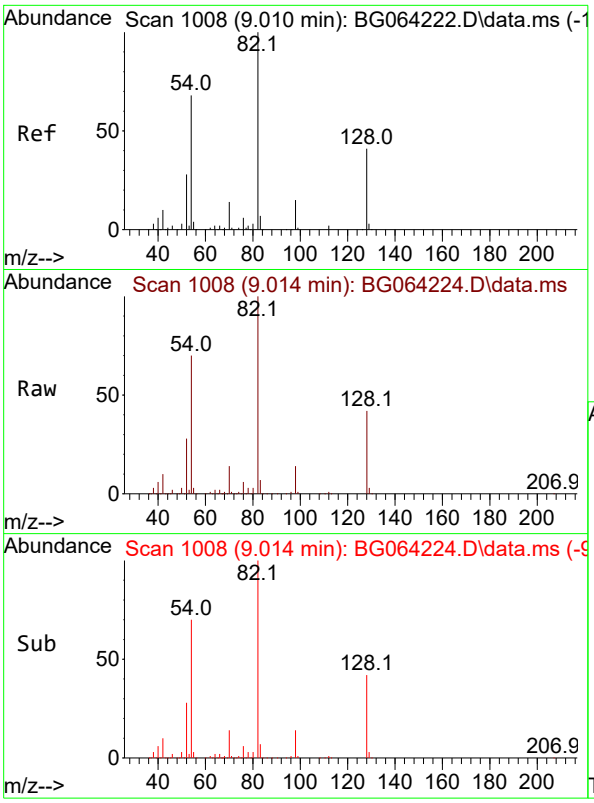


#22
Acetophenone
Concen: 60.845 ng
RT: 8.679 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:105 Resp: 263157

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.3	6.5
51	39.8	32.4	48.6
120	19.4	16.8	25.2

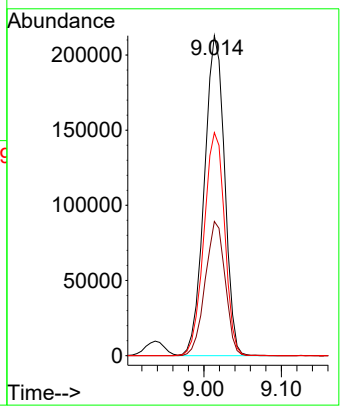




#23
Nitrobenzene-d5
Concen: 125.810 ng
RT: 9.014 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 82 Resp: 38565

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	48.8
54	69.7	54.7	82.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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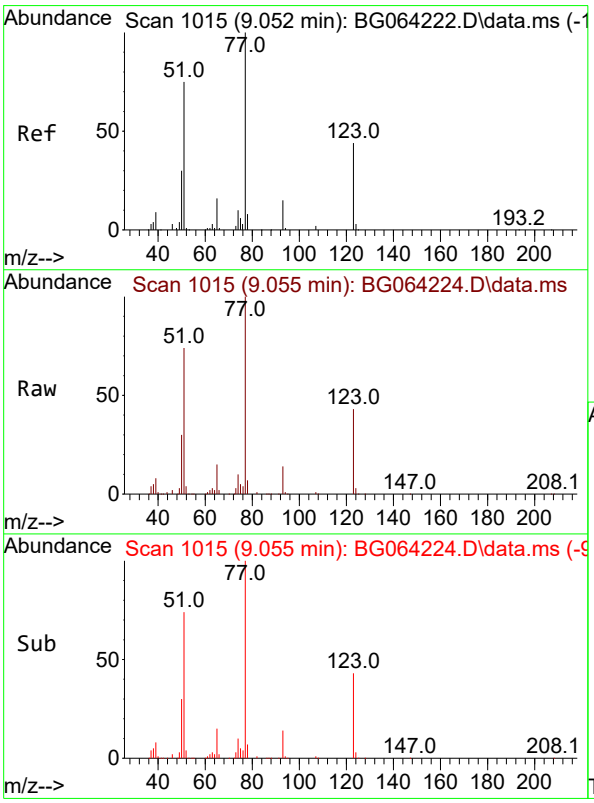
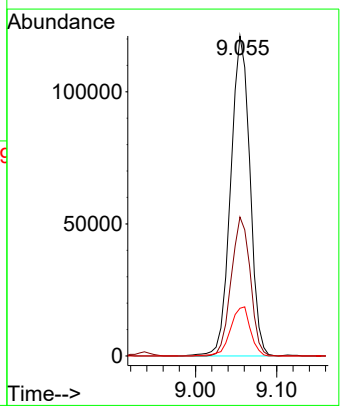
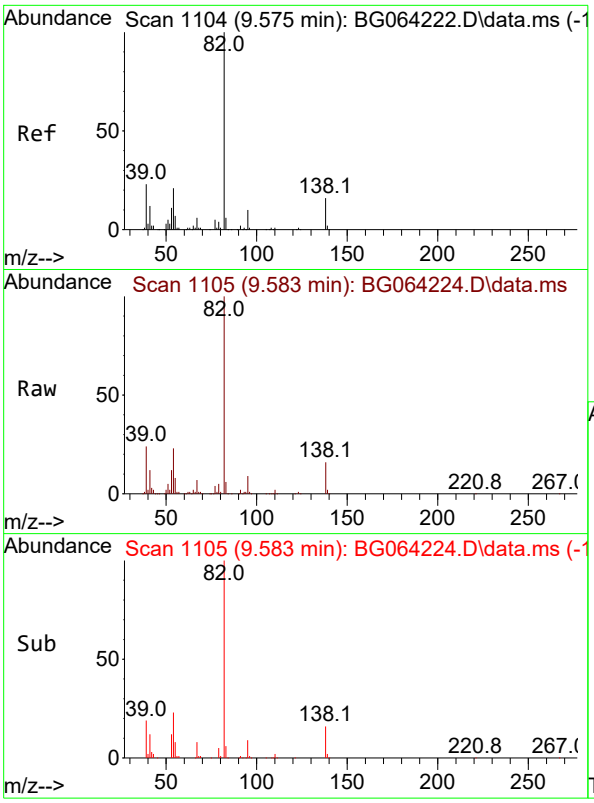


#24
Nitrobenzene
Concen: 61.967 ng
RT: 9.055 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 77 Resp: 198465

Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.2	52.8
65	14.9	12.6	19.0

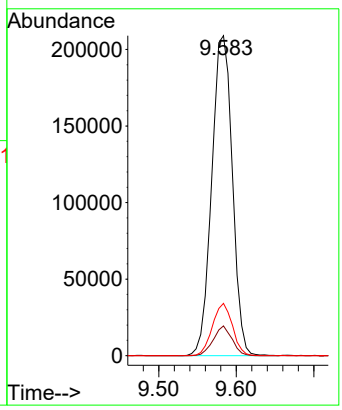




#25
Isophorone
Concen: 60.683 ng
RT: 9.583 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 82 Resp: 38660

Ion	Ratio	Lower	Upper
82	100		
95	9.3	7.9	11.9
138	16.3	13.0	19.4



Instrument :
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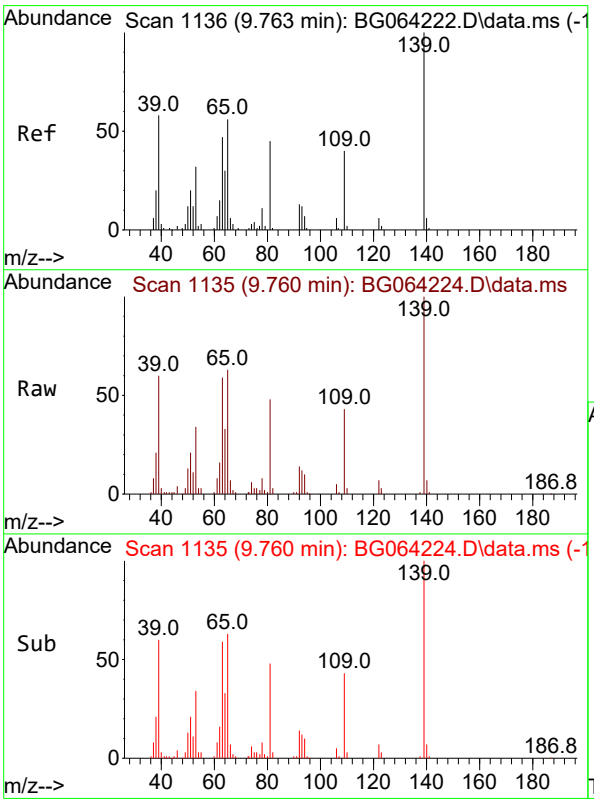
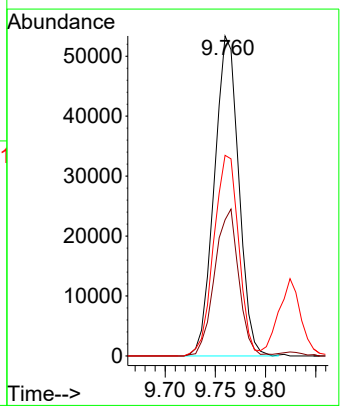
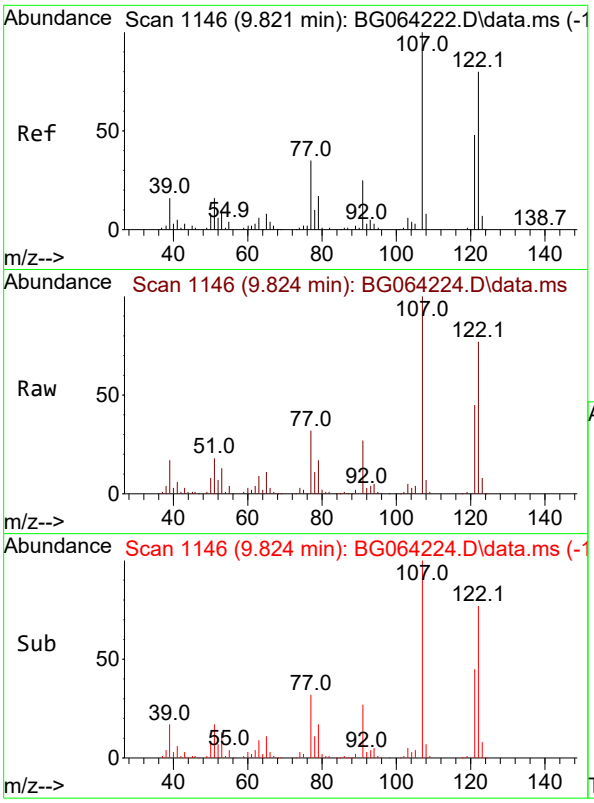


#26
2-Nitrophenol
Concen: 65.298 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:139 Resp: 90366

Ion	Ratio	Lower	Upper
139	100		
109	42.6	32.4	48.6
65	62.7	44.6	67.0

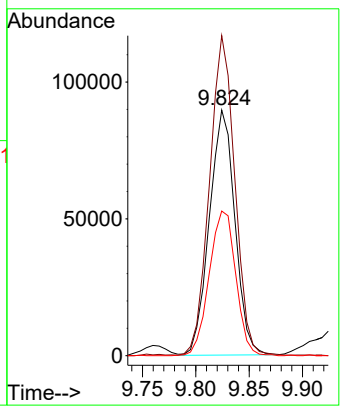




#27
2,4-Dimethylphenol
Concen: 61.449 ng
RT: 9.824 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:122 Resp: 14930

Ion	Ratio	Lower	Upper
122	100		
107	130.3	99.9	149.9
121	58.9	48.6	72.8



Instrument :
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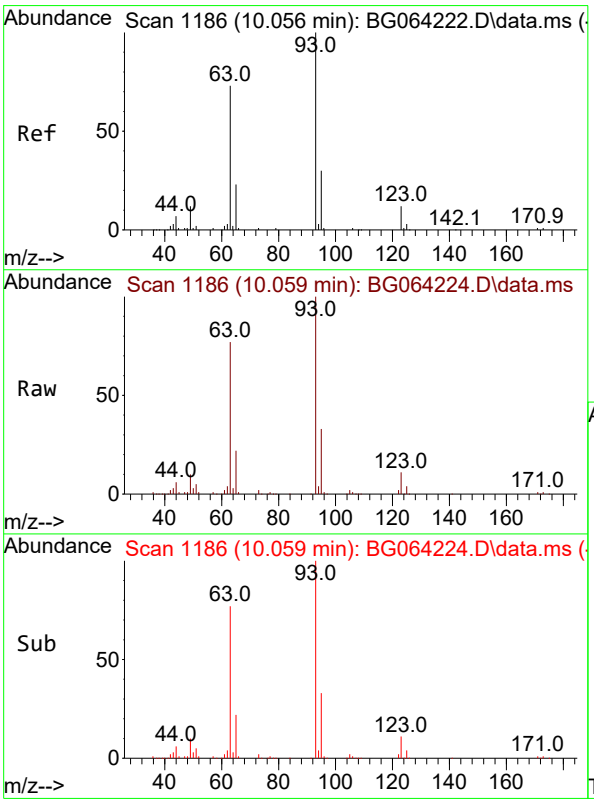
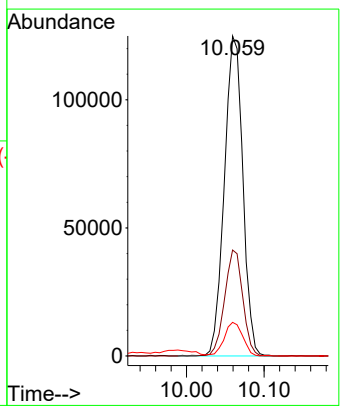
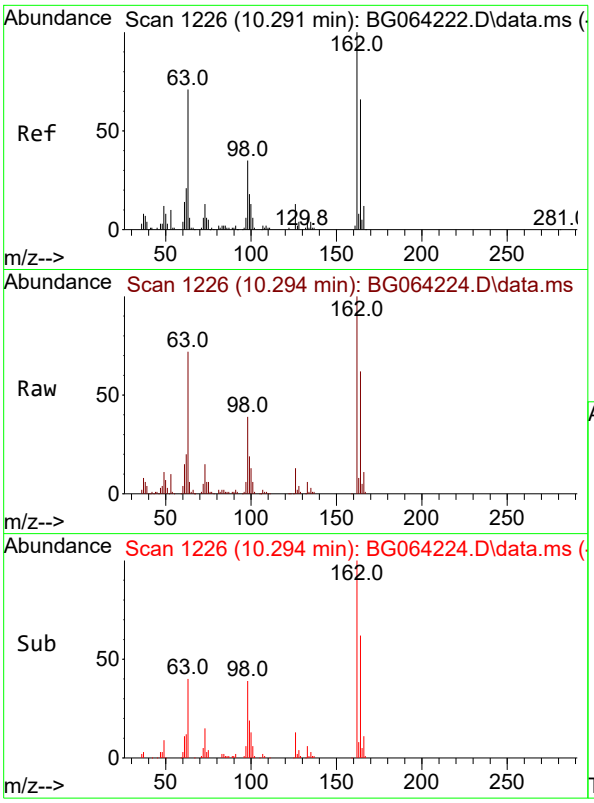


#28
bis(2-Chloroethoxy)methane
Concen: 60.350 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 93 Resp: 207316

Ion	Ratio	Lower	Upper
93	100		
95	33.1	23.9	35.9
123	10.5	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 62.224 ng
RT: 10.294 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:162 Resp: 15951

Ion	Ratio	Lower	Upper
162	100		
164	62.0	45.8	85.8
98	39.0	15.2	55.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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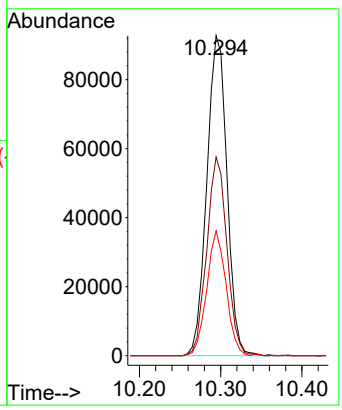
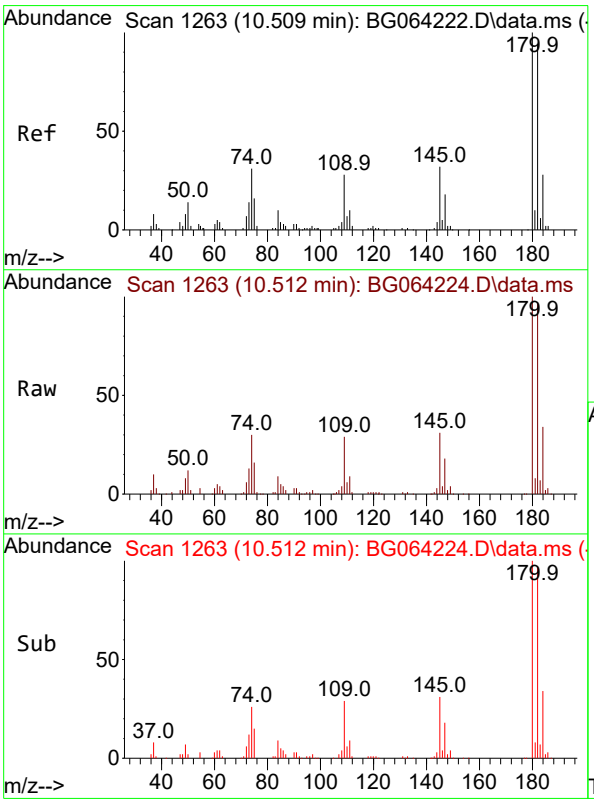
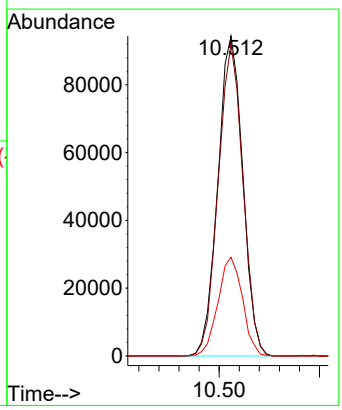


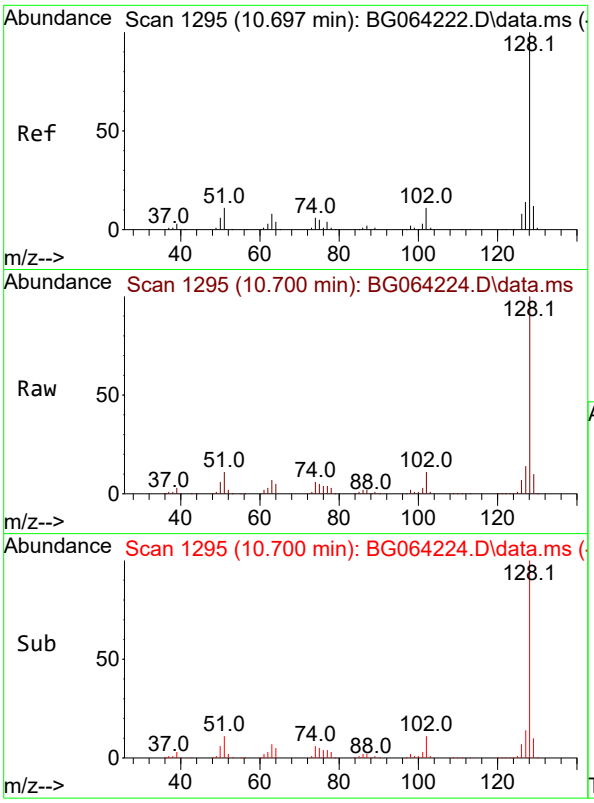


#30
1,2,4-Trichlorobenzene
Concen: 60.163 ng
RT: 10.512 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:180 Resp: 162624

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.0	112.6
145	30.8	25.4	38.0

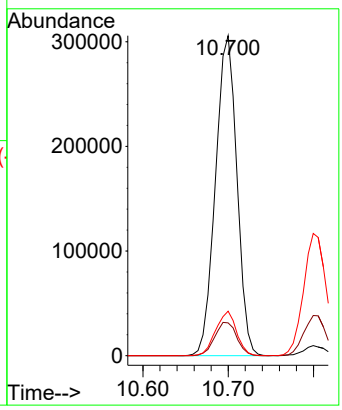




#31
Naphthalene
Concen: 60.212 ng
RT: 10.700 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:128 Resp: 53378

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	13.9	10.9	16.3



Instrument :
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ClientSampleId :
SSTDICC060

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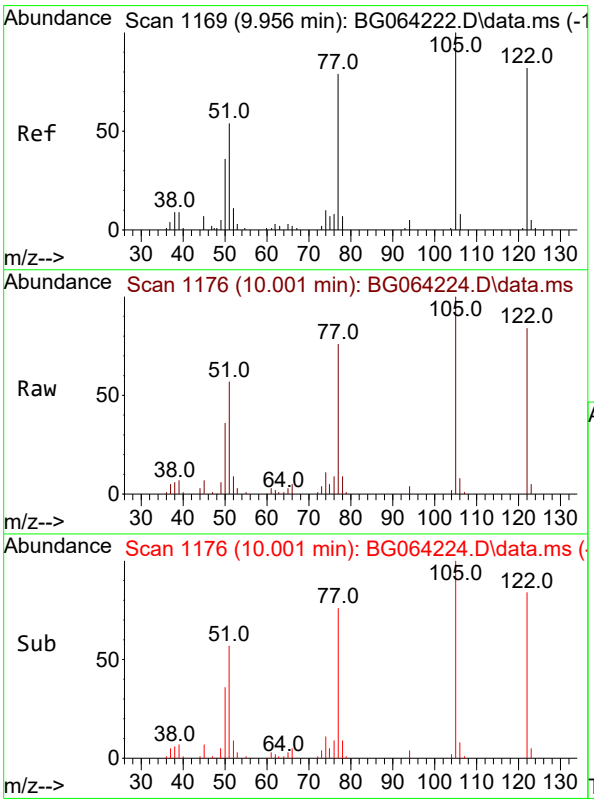
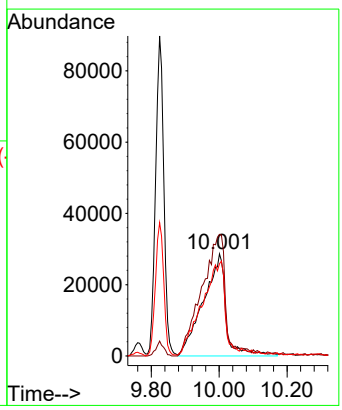
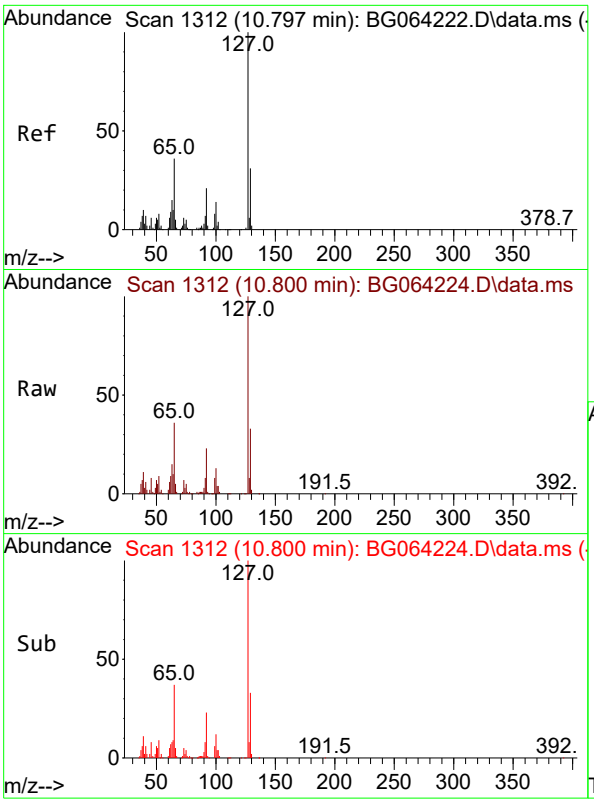


#32
Benzoic acid
Concen: 68.994 ng m
RT: 10.001 min Scan# 1176
Delta R.T. -0.015 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:122 Resp: 133067

Ion	Ratio	Lower	Upper
122	100		
105	119.2	98.5	138.5
77	90.2	74.6	114.6

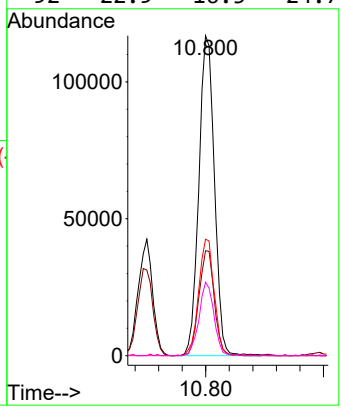




#33
4-Chloroaniline
Concen: 62.554 ng
RT: 10.800 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:127 Resp: 21493

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.0	37.4
65	36.4	28.7	43.1
92	22.9	16.5	24.7



Instrument :
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ClientSampleId :
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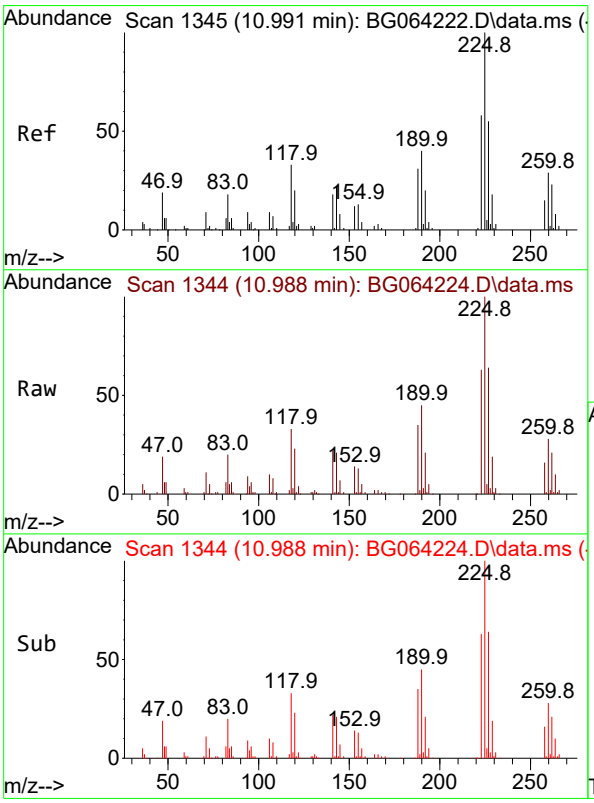
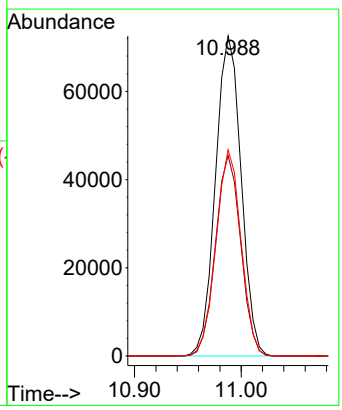
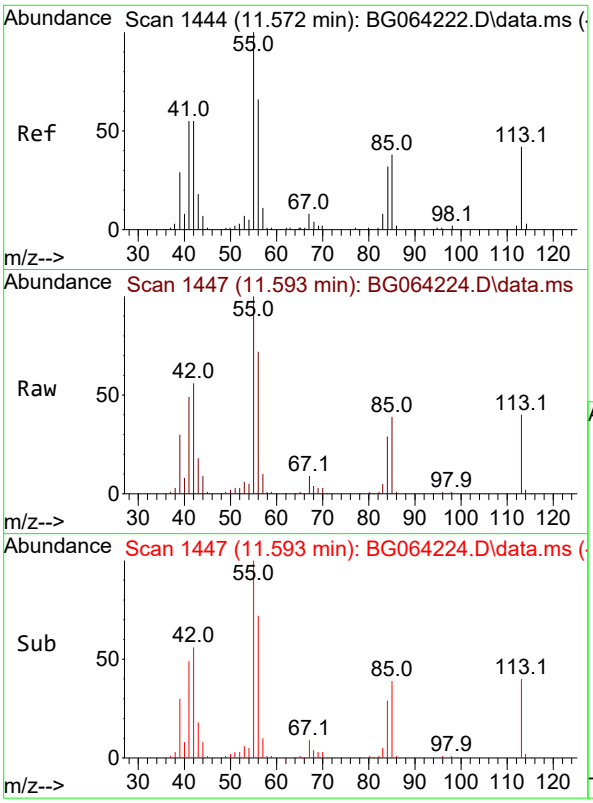


#34
Hexachlorobutadiene
Concen: 60.569 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:225 Resp: 121022

Ion	Ratio	Lower	Upper
225	100		
223	62.6	46.5	69.7
227	64.4	44.1	66.1

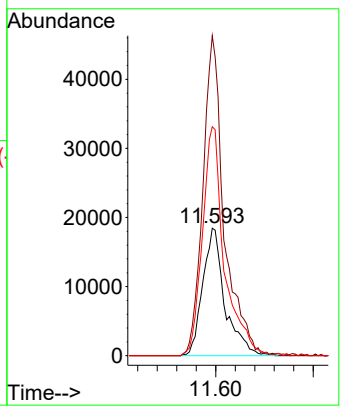




#35
Caprolactam
Concen: 58.831 ng
RT: 11.593 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:113 Resp: 5839

Ion	Ratio	Lower	Upper
113	100		
55	251.0	218.5	258.5
56	179.6	138.5	178.5



Instrument :
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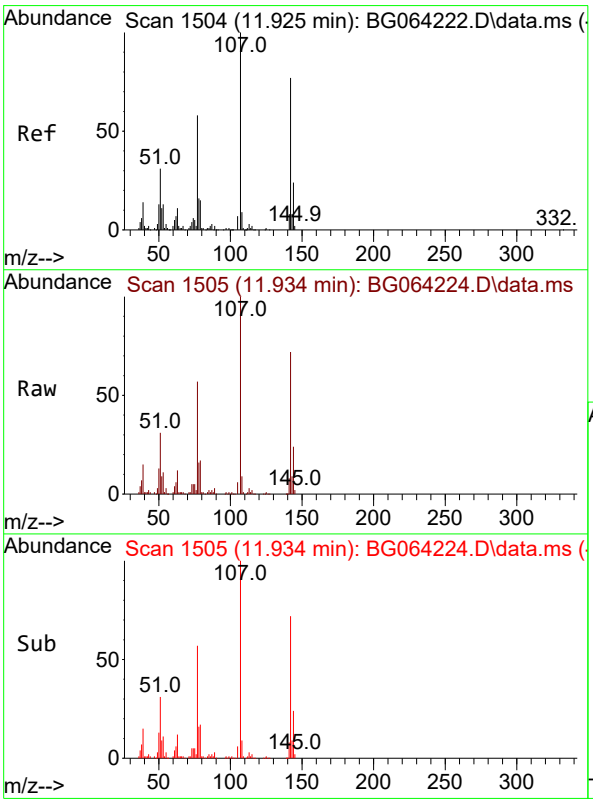
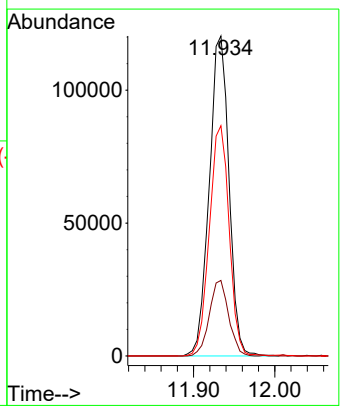
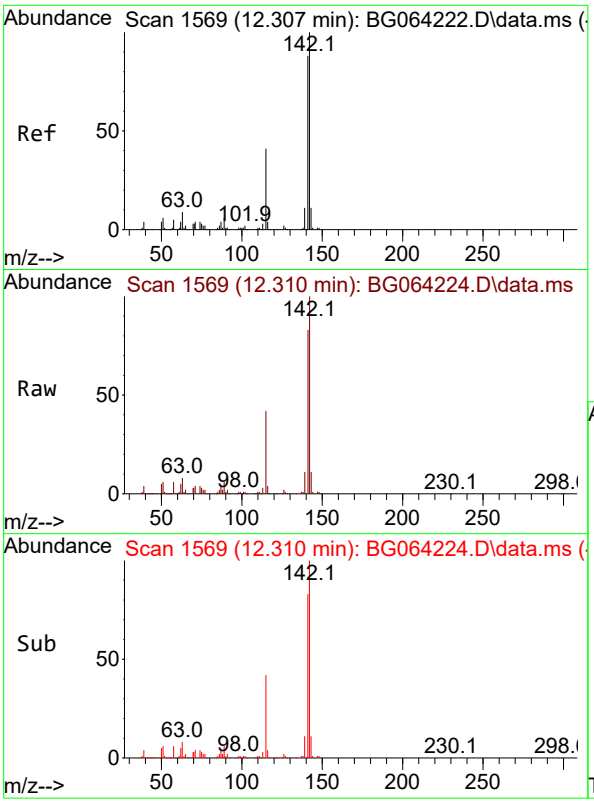


#36
4-Chloro-3-methylphenol
Concen: 60.999 ng
RT: 11.934 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:107 Resp: 202895

Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.5	29.3
142	71.9	62.0	93.0

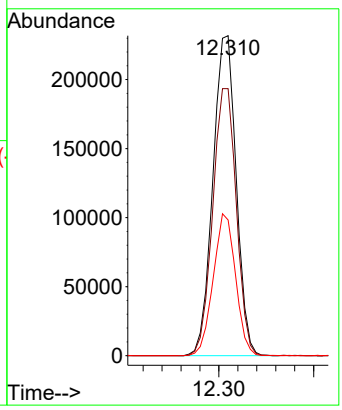




#37
2-Methylnaphthalene
Concen: 60.074 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:142 Resp: 39585

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.1	105.1
115	42.4	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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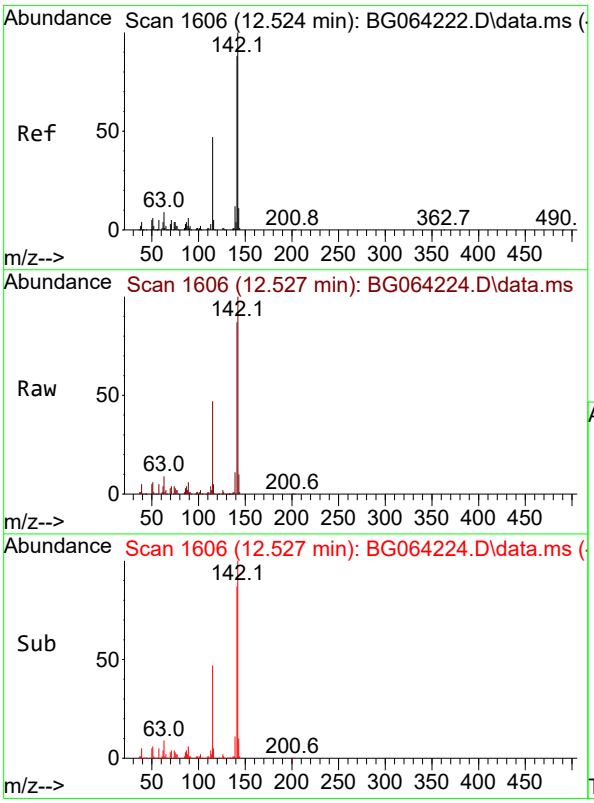
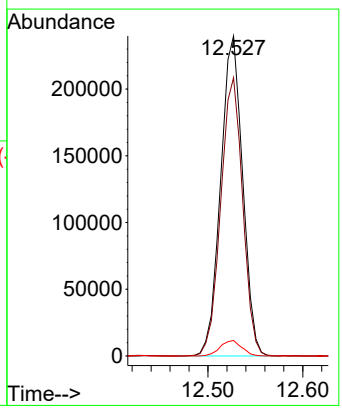
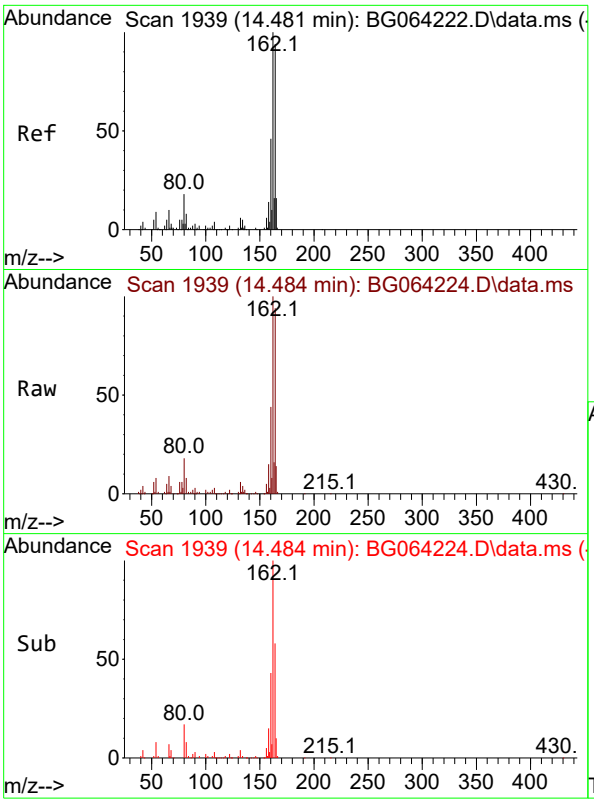


#38
1-Methylnaphthalene
Concen: 59.349 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:142 Resp: 386279

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
116	4.8	3.7	5.5

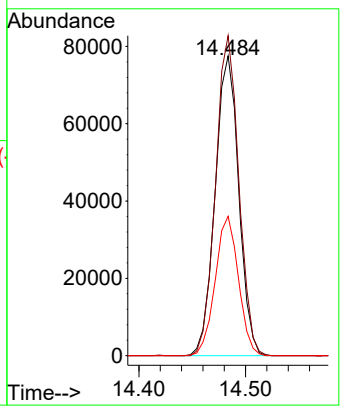




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:164 Resp: 11911

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.0
160	46.5	39.2	58.8



Instrument :
BNA_G
ClientSampleId :
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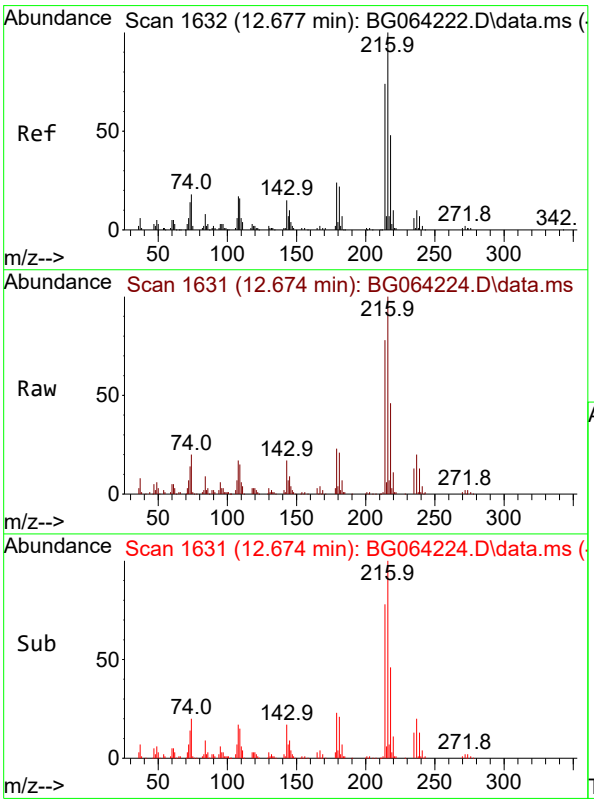
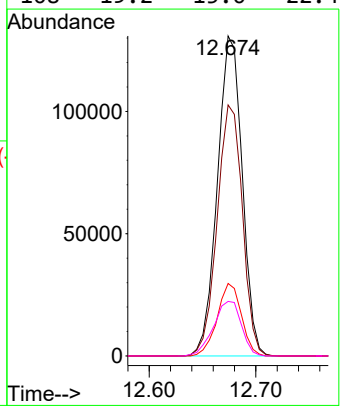
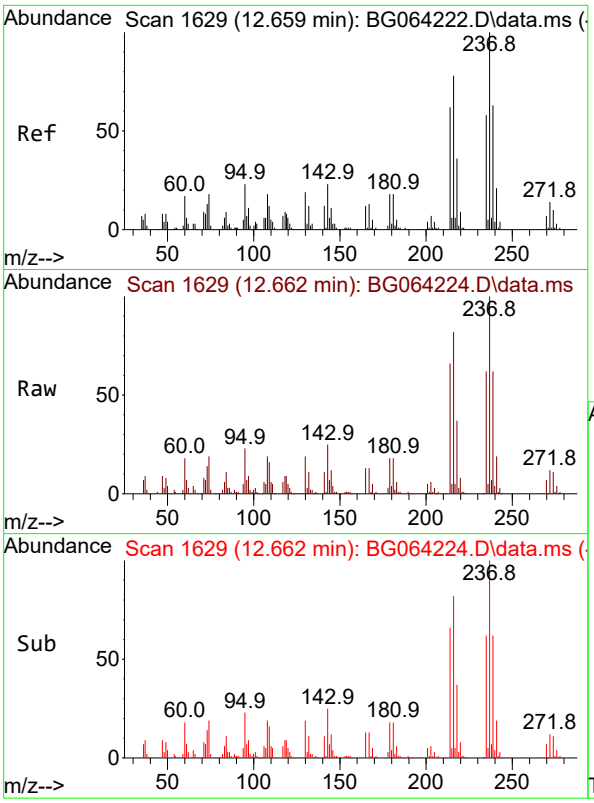


#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.558 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:216 Resp: 211572

Ion	Ratio	Lower	Upper
216	100		
214	79.7	61.9	92.9
179	22.0	17.9	26.9
108	19.2	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 67.263 ng
RT: 12.662 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:237 Resp: 10987

Ion	Ratio	Lower	Upper
237	100		
235	62.2	37.9	77.9
272	11.9	0.0	33.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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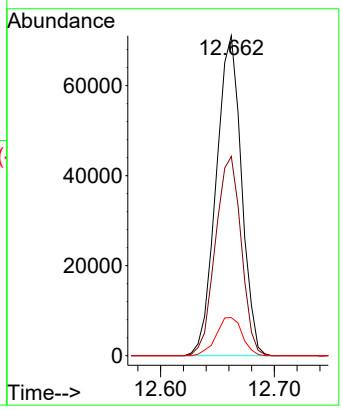
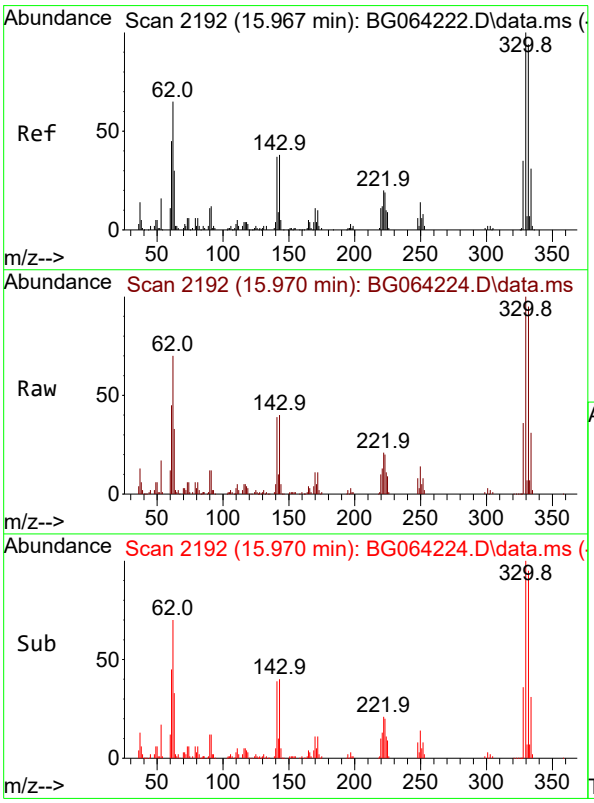
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

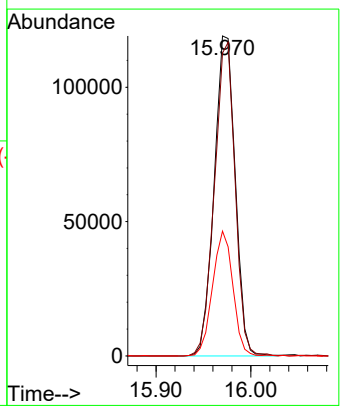


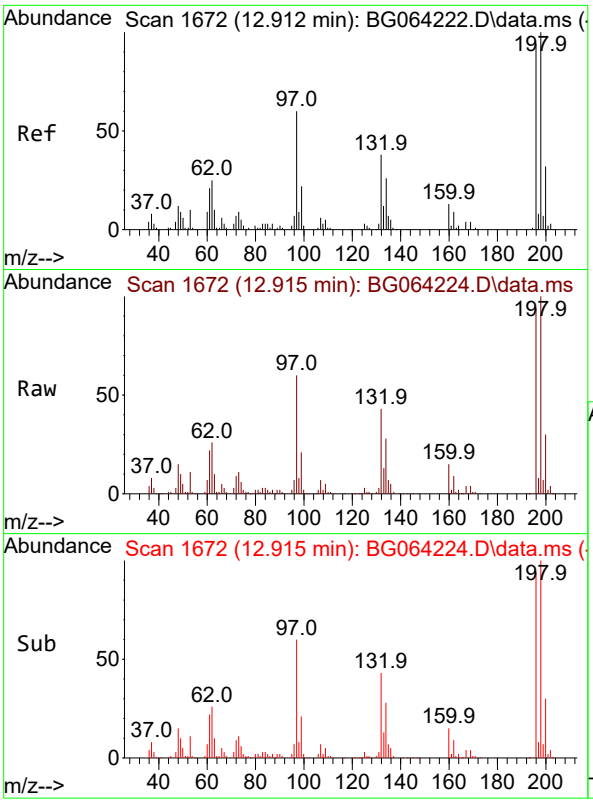


#42
2,4,6-Tribromophenol
Concen: 116.471 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:330 Resp: 183766

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	37.8	29.8	44.6

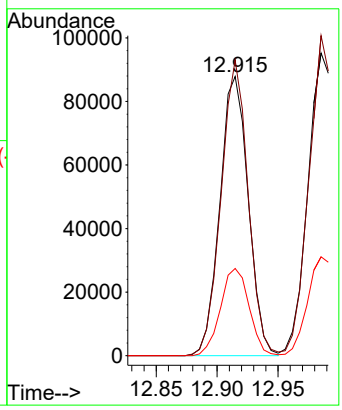




#43
2,4,6-Trichlorophenol
Concen: 62.098 ng
RT: 12.915 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:196 Resp: 14265

Ion	Ratio	Lower	Upper
196	100		
198	105.8	85.4	128.2
200	31.3	27.3	40.9



Instrument :
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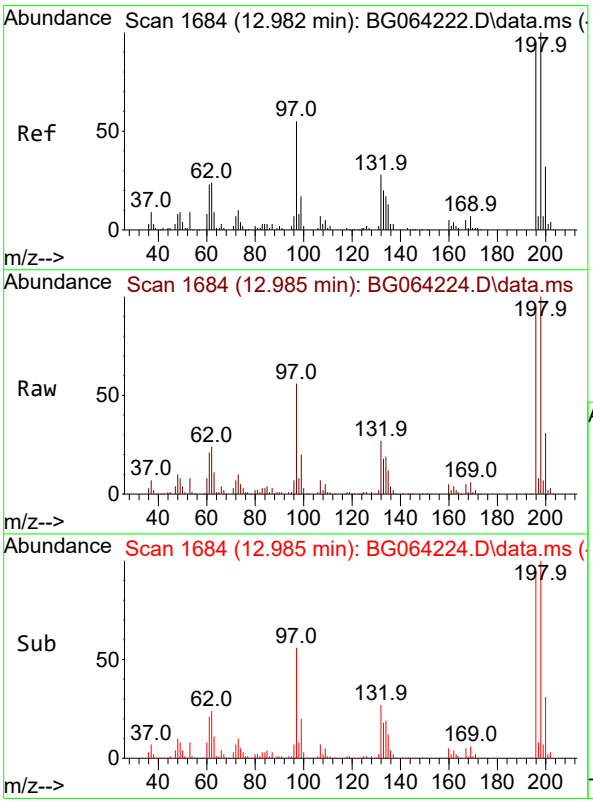
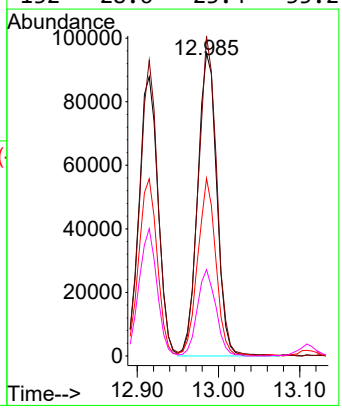
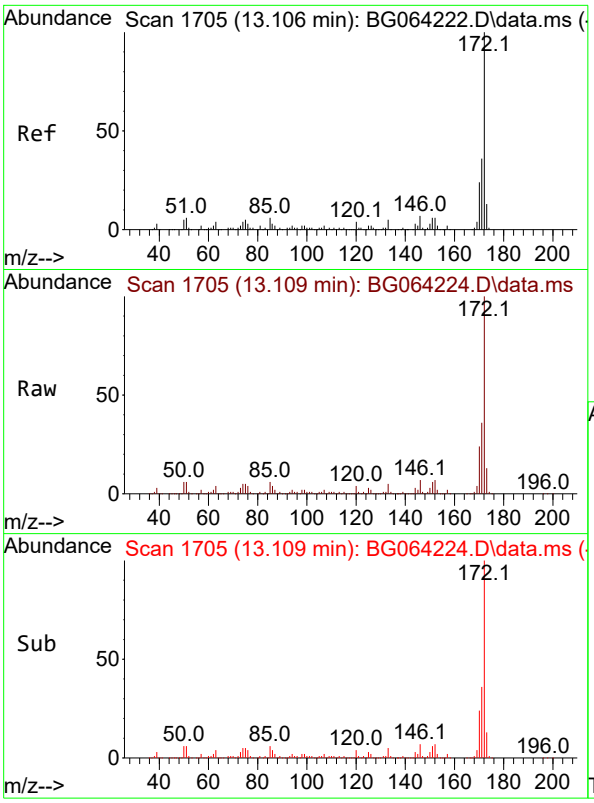


#44
2,4,5-Trichlorophenol
Concen: 62.618 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:196 Resp: 156040

Ion	Ratio	Lower	Upper
196	100		
198	105.7	84.5	126.7
97	58.7	46.8	70.2
132	28.6	23.4	35.2

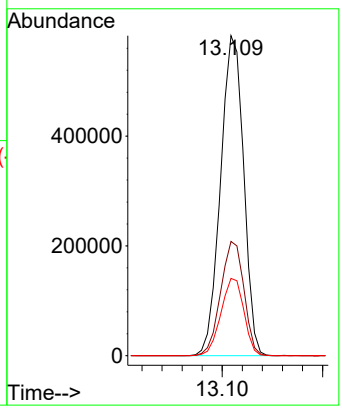




#45
2-Fluorobiphenyl
Concen: 119.418 ng
RT: 13.109 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:172 Resp: 93195

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	24.1	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
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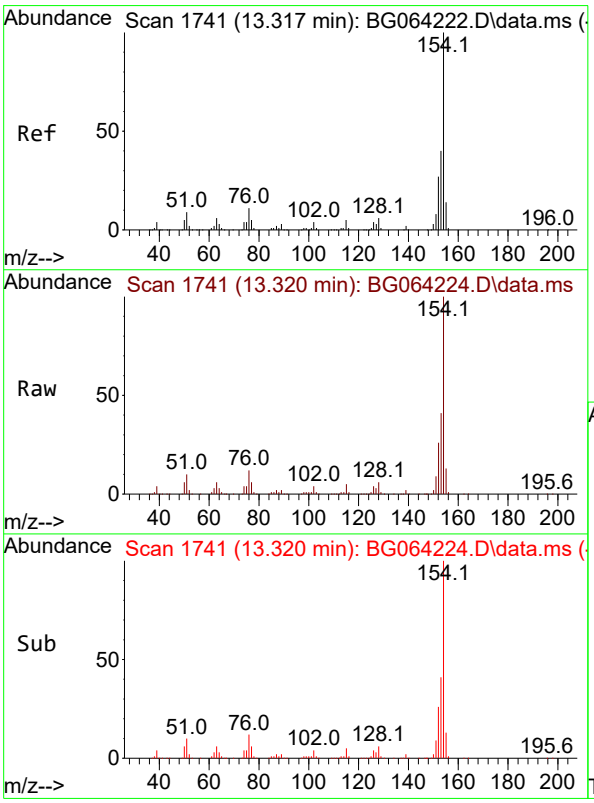
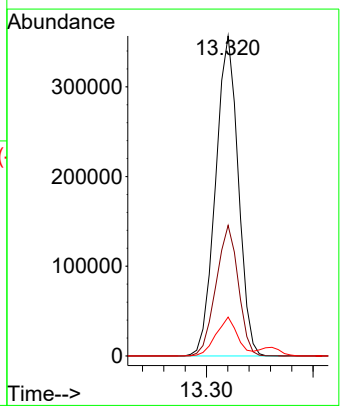
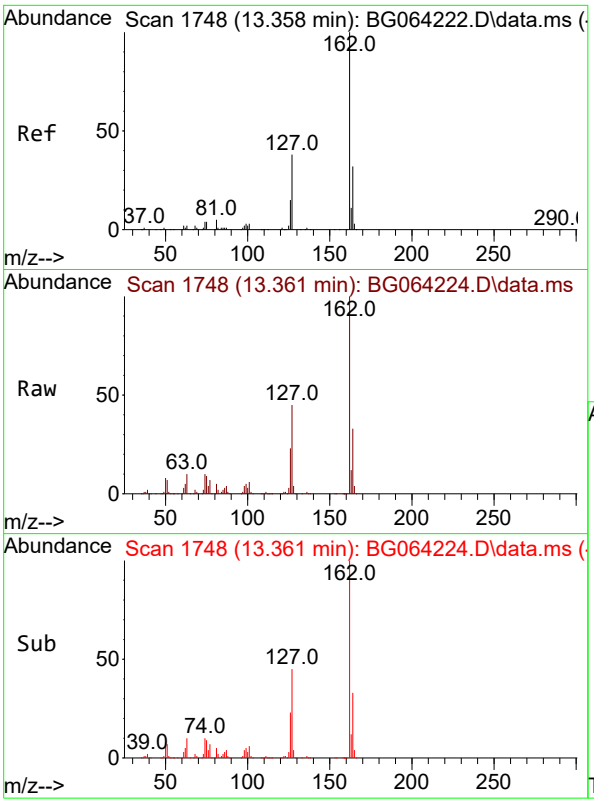


#46
1,1'-Biphenyl
Concen: 60.603 ng
RT: 13.320 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 525792

Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.9	59.9
76	12.2	0.0	30.9

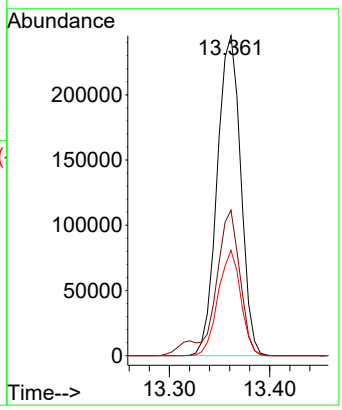




#47
2-Chloronaphthalene
Concen: 61.178 ng
RT: 13.361 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:162 Resp: 39903

Ion	Ratio	Lower	Upper
162	100		
127	45.4	33.9	50.9
164	32.9	25.4	38.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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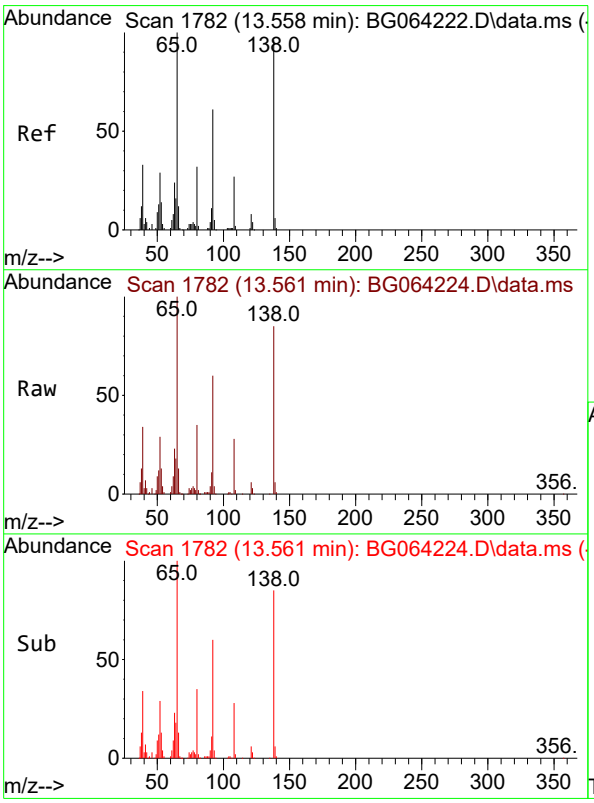
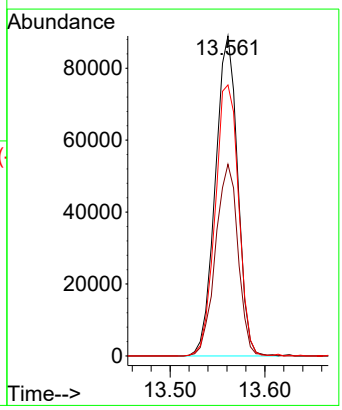
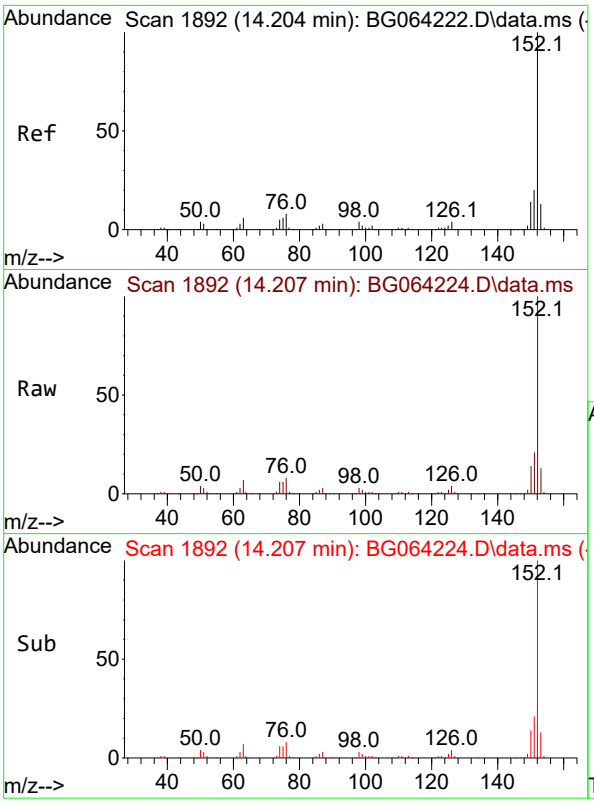


#48
2-Nitroaniline
Concen: 65.561 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 65 Resp: 145751

Ion	Ratio	Lower	Upper
65	100		
92	59.9	49.2	73.8
138	84.7	76.8	115.2

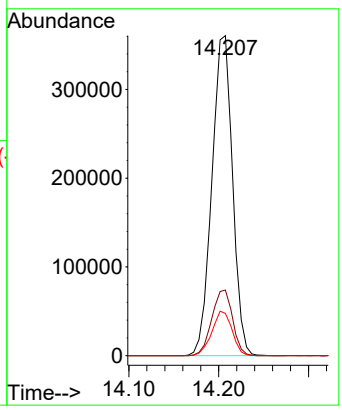




#49
Acenaphthylene
Concen: 59.674 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:152 Resp: 57537

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.2	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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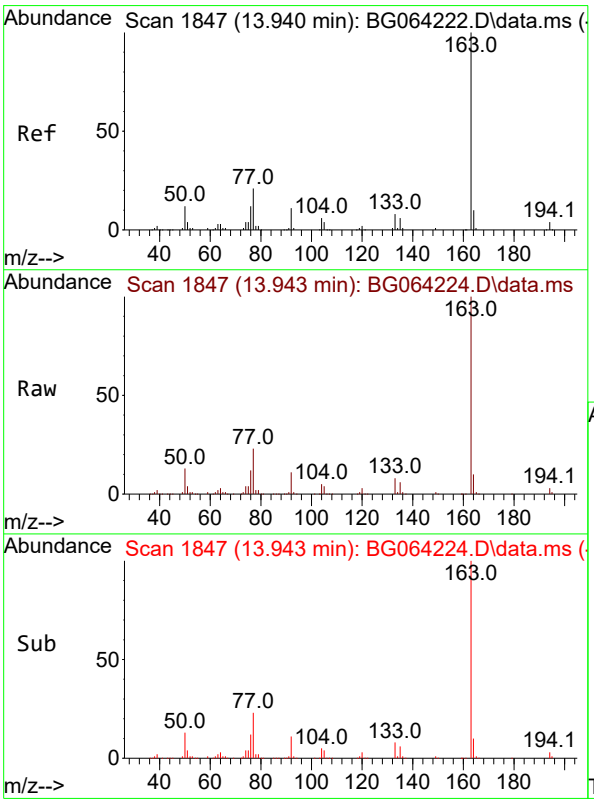
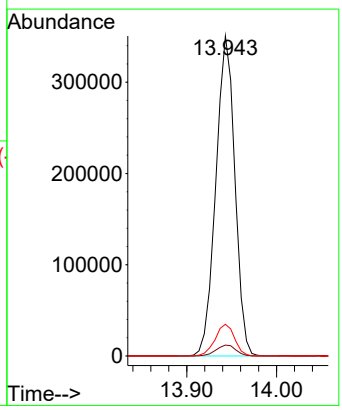
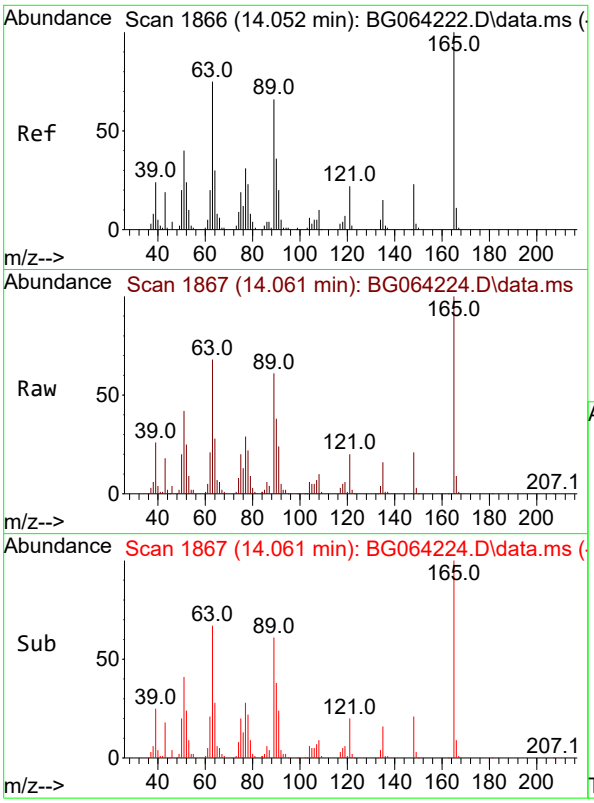


#50
Dimethylphthalate
Concen: 57.300 ng
RT: 13.943 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:163 Resp: 516639

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 64.535 ng
RT: 14.061 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:165 Resp: 11264

Ion	Ratio	Lower	Upper
165	100		
63	67.9	60.3	90.5
89	61.2	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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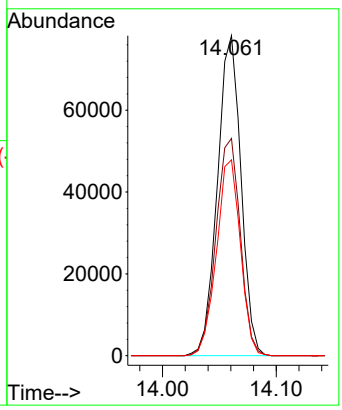
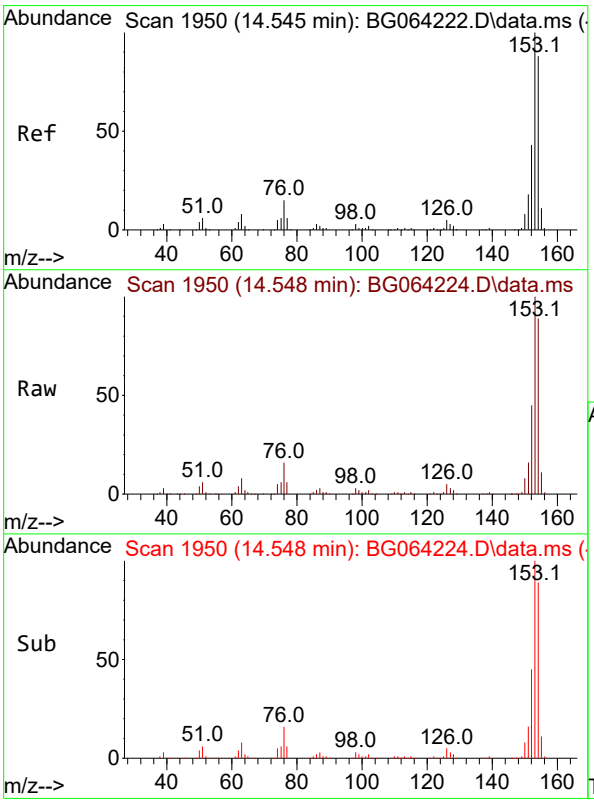
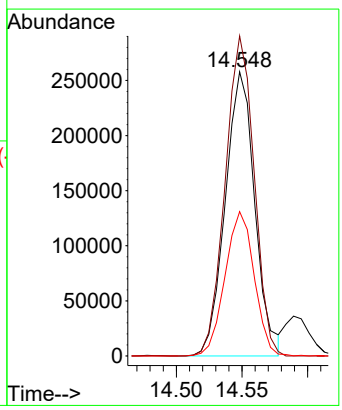


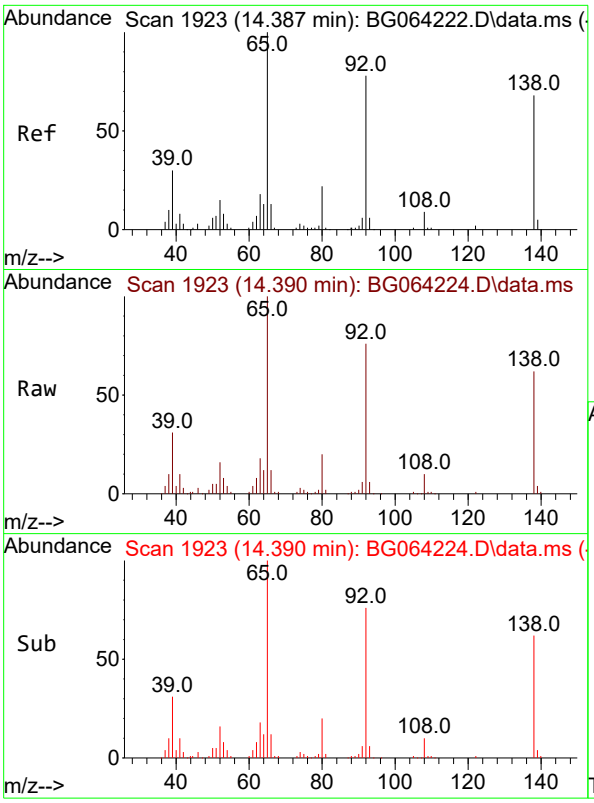


#52
Acenaphthene
Concen: 59.453 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 404535

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.1	136.7
152	50.8	39.6	59.4

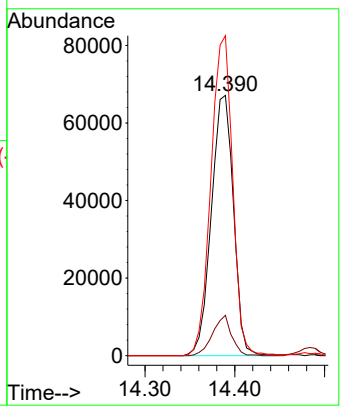




#53
3-Nitroaniline
Concen: 62.898 ng
RT: 14.390 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:138 Resp: 11500

Ion	Ratio	Lower	Upper
138	100		
108	15.5	11.0	16.6
92	122.9	91.4	137.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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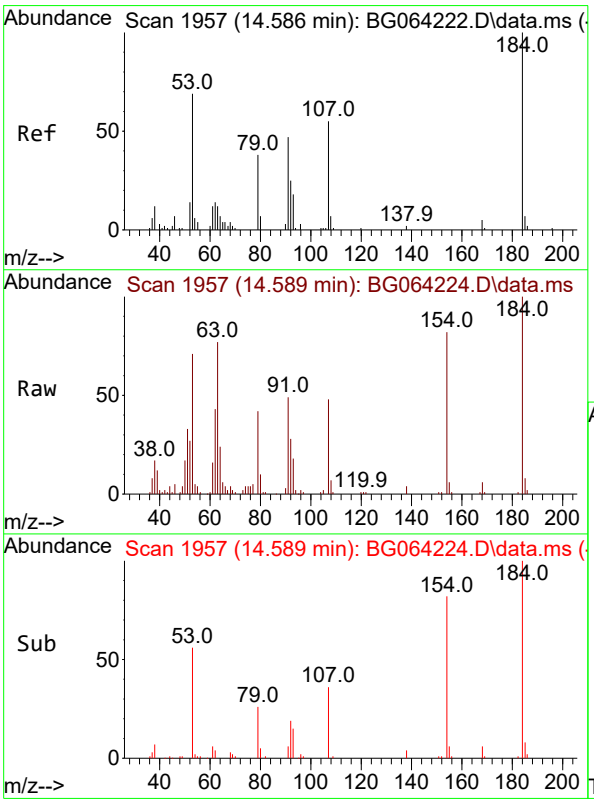
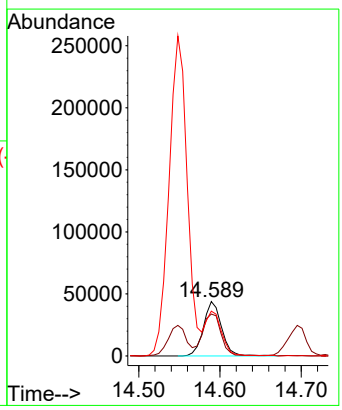
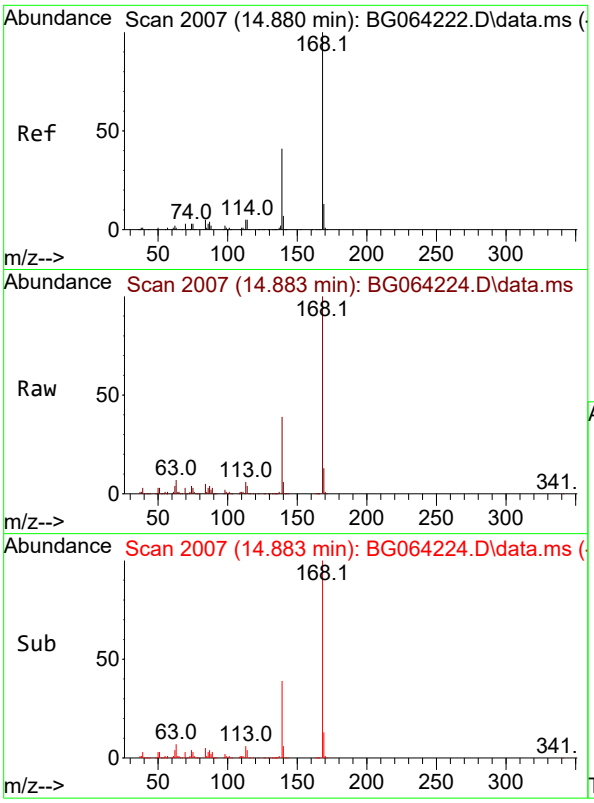


#54
2,4-Dinitrophenol
Concen: 60.959 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:184 Resp: 67869

Ion	Ratio	Lower	Upper
184	100		
63	76.9	60.1	90.1
154	82.3	59.8	89.8

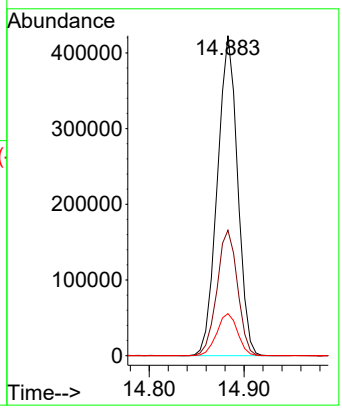




#55
Dibenzofuran
Concen: 58.552 ng
RT: 14.883 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:168 Resp: 62666

Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.2	49.8
169	13.1	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
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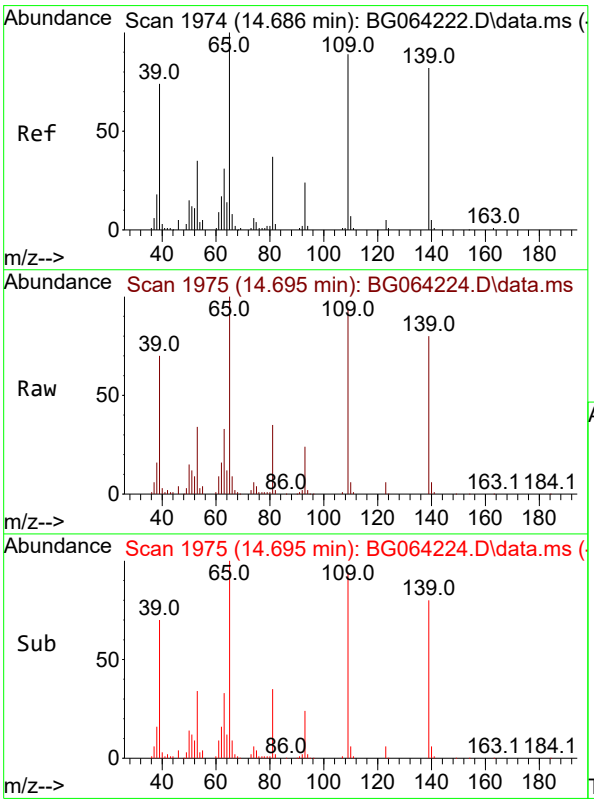
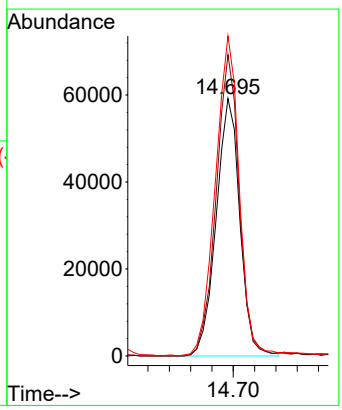
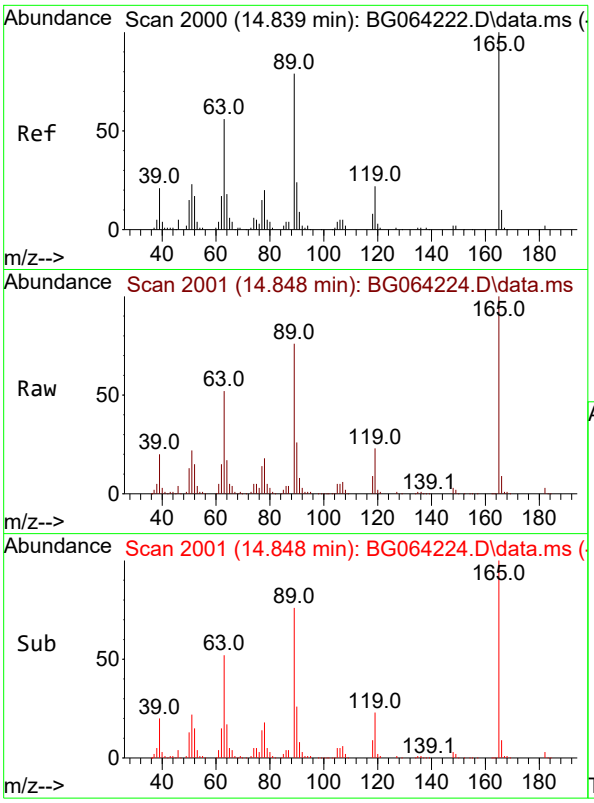


#56
4-Nitrophenol
Concen: 60.719 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:139 Resp: 91069

Ion	Ratio	Lower	Upper
139	100		
109	117.0	89.1	129.1
65	124.3	102.9	142.9

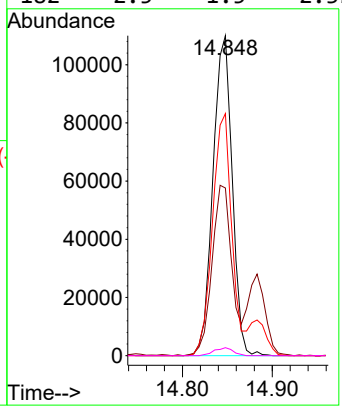




#57
2,4-Dinitrotoluene
Concen: 61.902 ng
RT: 14.848 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:165 Resp: 16337

Ion	Ratio	Lower	Upper
165	100		
63	52.4	44.6	67.0
89	75.6	63.0	94.4
182	2.5	1.5	2.3#



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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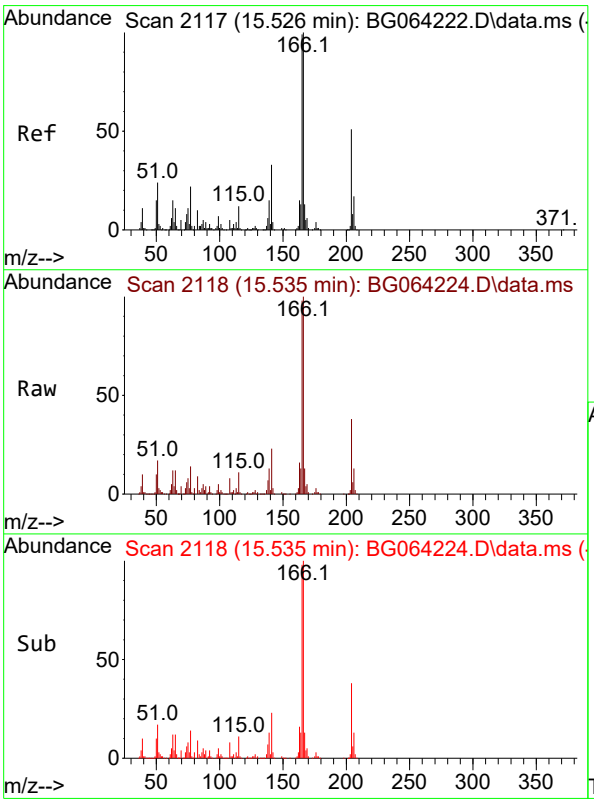
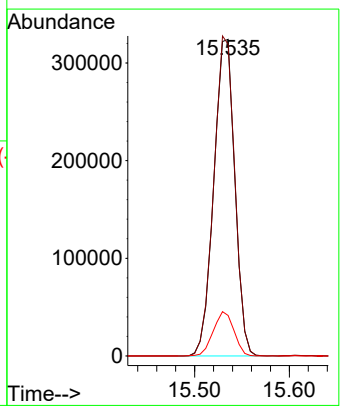
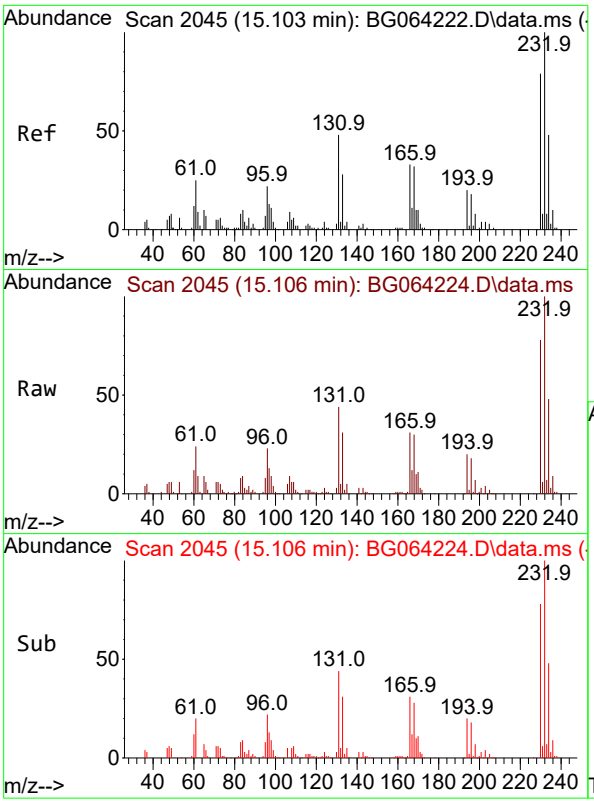


#58
Fluorene
Concen: 56.968 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:166 Resp: 499733

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	12.8	10.2	15.4

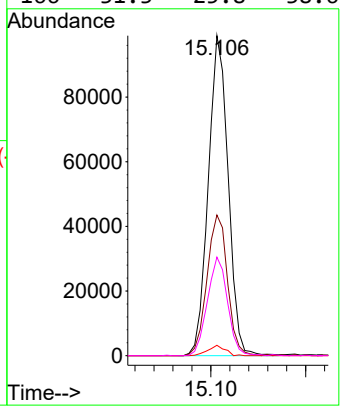




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.205 ng
RT: 15.106 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:232 Resp: 14429

Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.1	55.7
130	2.8	2.6	3.8
166	31.3	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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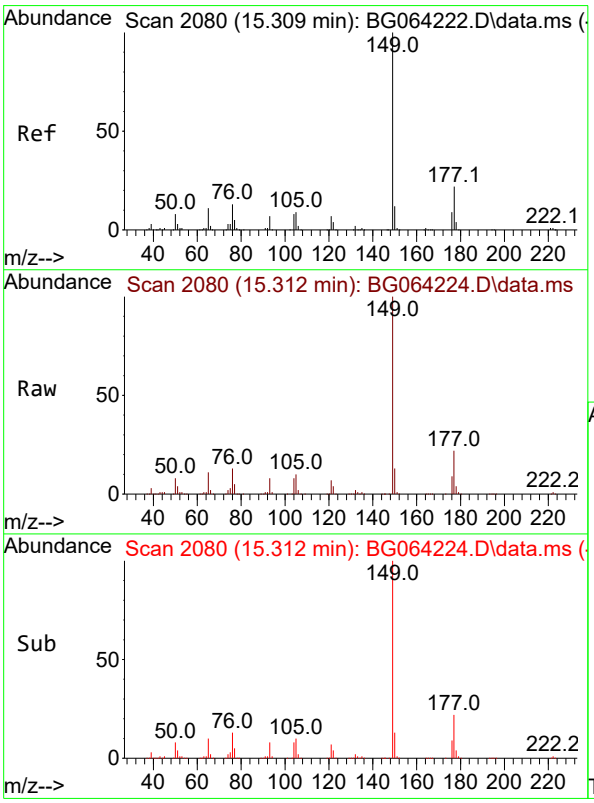
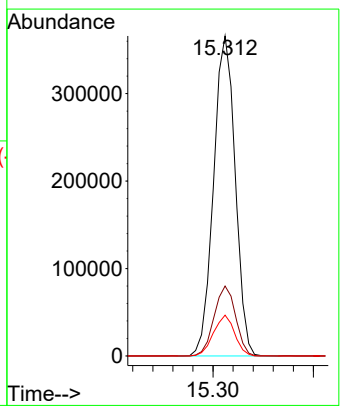
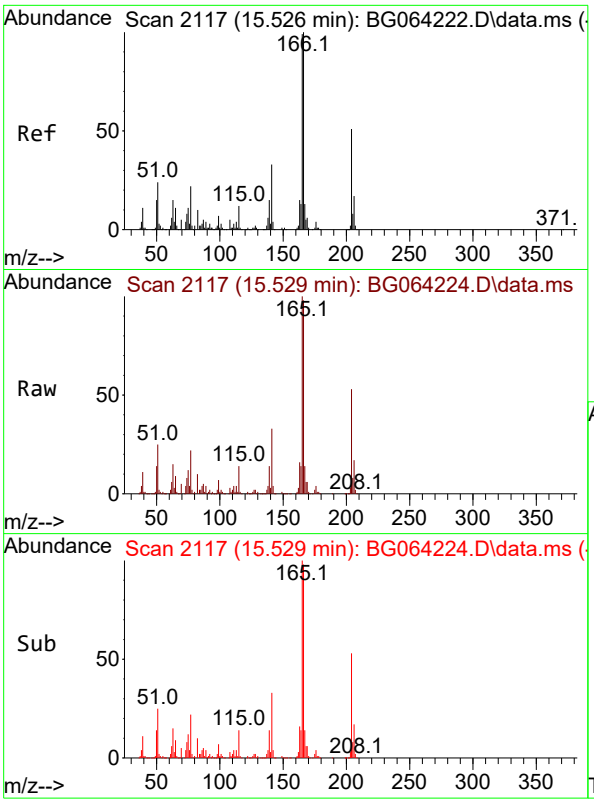


#60
Diethylphthalate
Concen: 56.652 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:149 Resp: 546656

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.5	26.3
150	12.8	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 58.501 ng
RT: 15.529 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:204 Resp: 25586

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.4
141	62.2	51.9	77.9

Instrument :
BNA_G
ClientSampleId :
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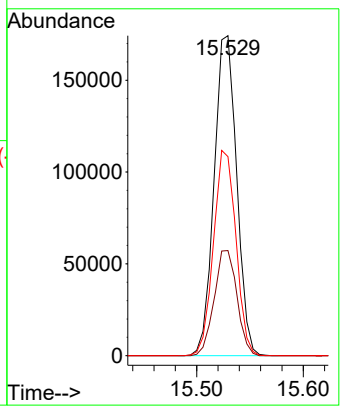
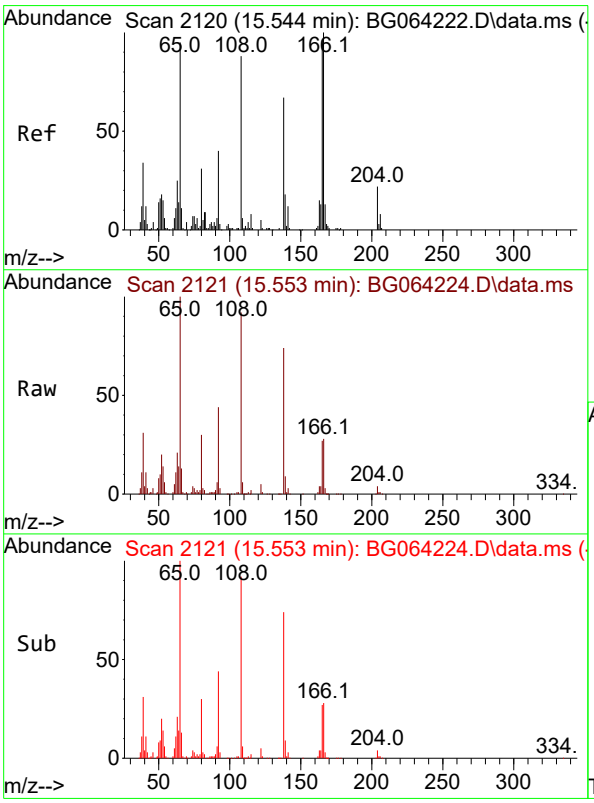
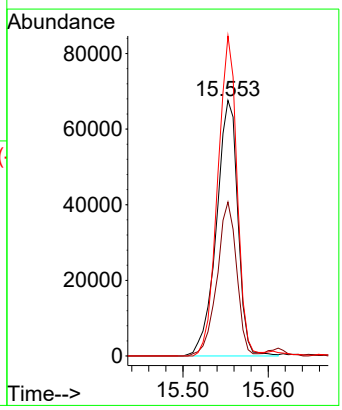


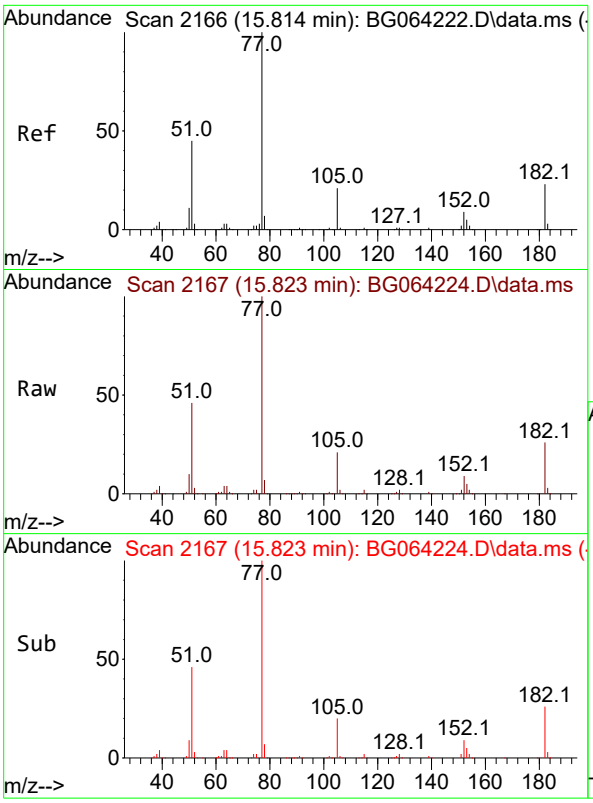


#62
4-Nitroaniline
Concen: 63.360 ng
RT: 15.553 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:138 Resp: 118212

Ion	Ratio	Lower	Upper
138	100		
92	60.2	39.1	79.1
108	125.2	111.3	151.3

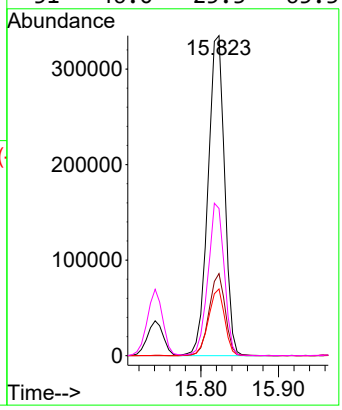




#63
Azobenzene
Concen: 57.900 ng
RT: 15.823 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion: 77 Resp: 49796

Ion	Ratio	Lower	Upper
77	100		
182	25.6	3.3	43.3
105	20.8	0.6	40.6
51	46.0	25.3	65.3



Instrument :
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ClientSampleId :
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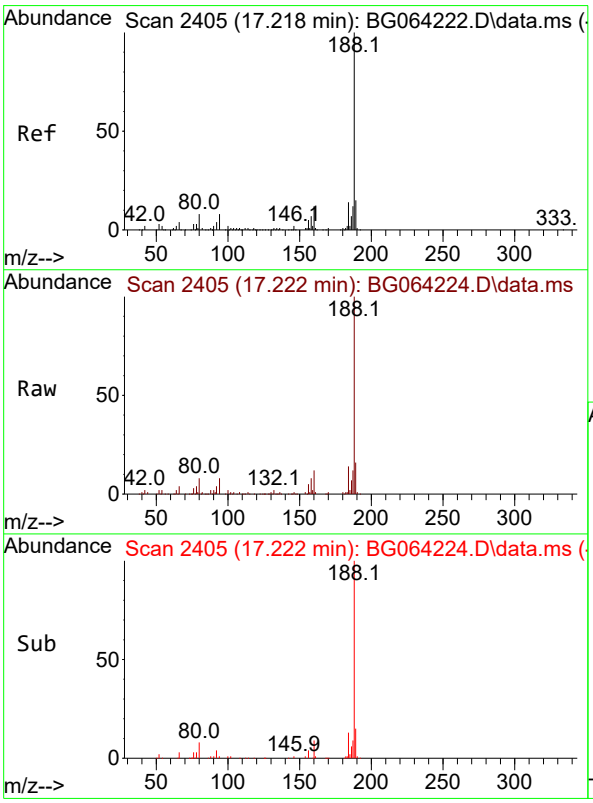
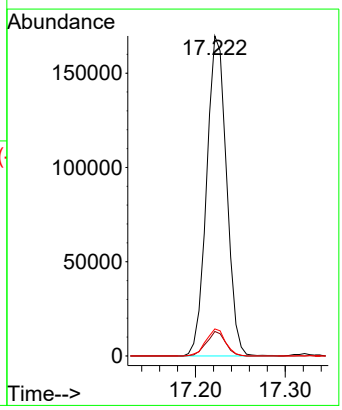
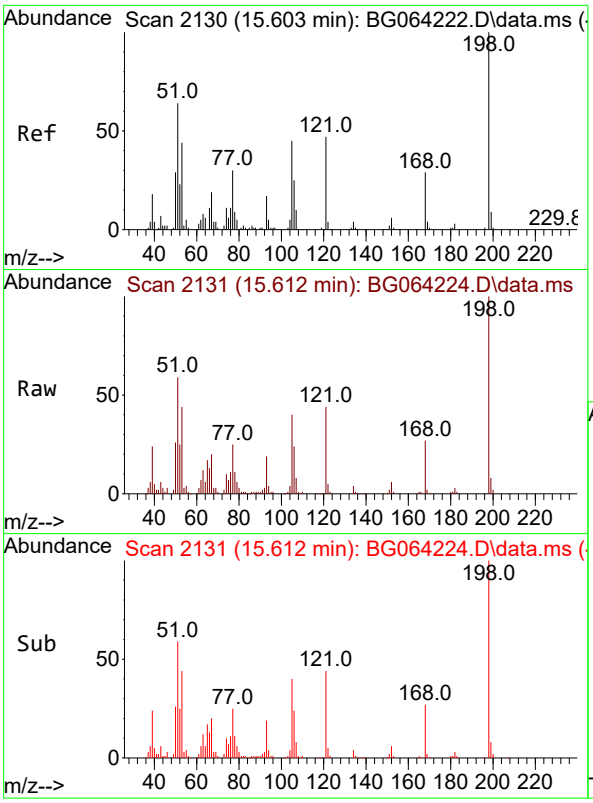


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:188 Resp: 261407

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.5	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 67.426 ng
RT: 15.612 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:198 Resp: 10119

Ion	Ratio	Lower	Upper
198	100		
51	58.7	46.2	86.2
105	39.8	25.0	65.0

Instrument :
BNA_G
ClientSampleId :
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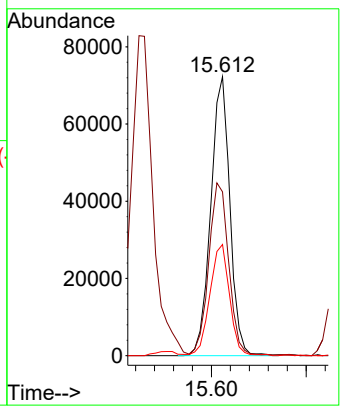
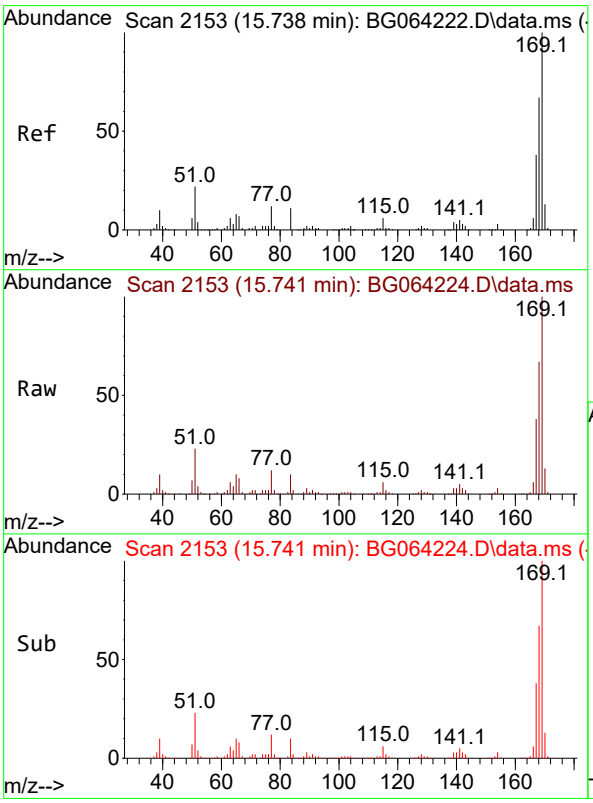
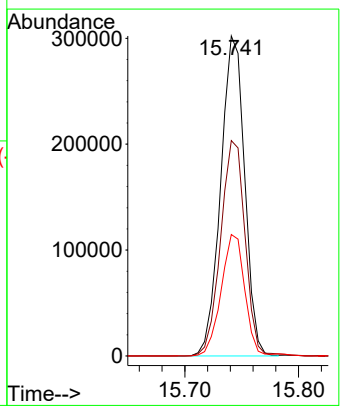


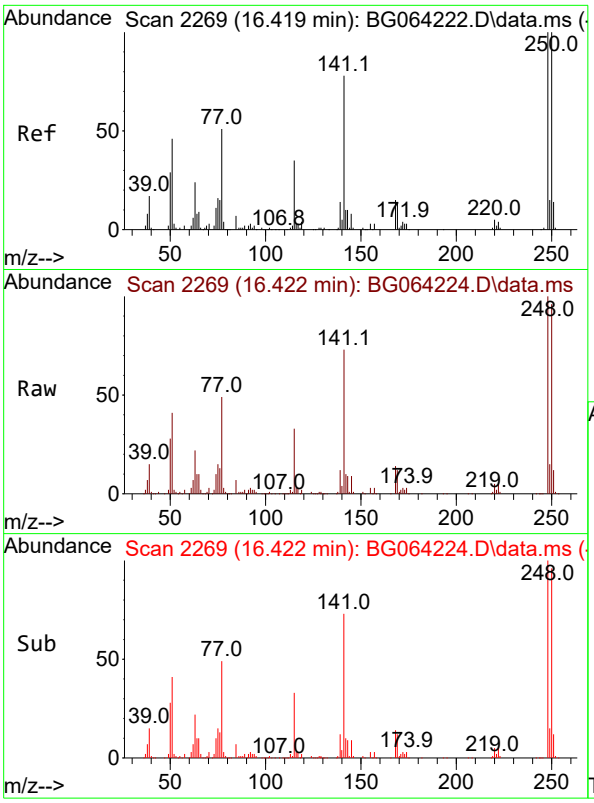


#66
n-Nitrosodiphenylamine
Concen: 61.453 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:169 Resp: 441909

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	37.9	30.2	45.2

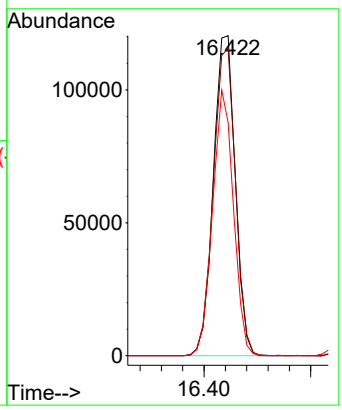




#67
4-Bromophenyl-phenylether
Concen: 61.720 ng
RT: 16.422 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:248 Resp: 17136

Ion	Ratio	Lower	Upper
248	100		
250	96.1	80.2	120.4
141	72.9	62.4	93.6



Instrument :
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ClientSampleId :
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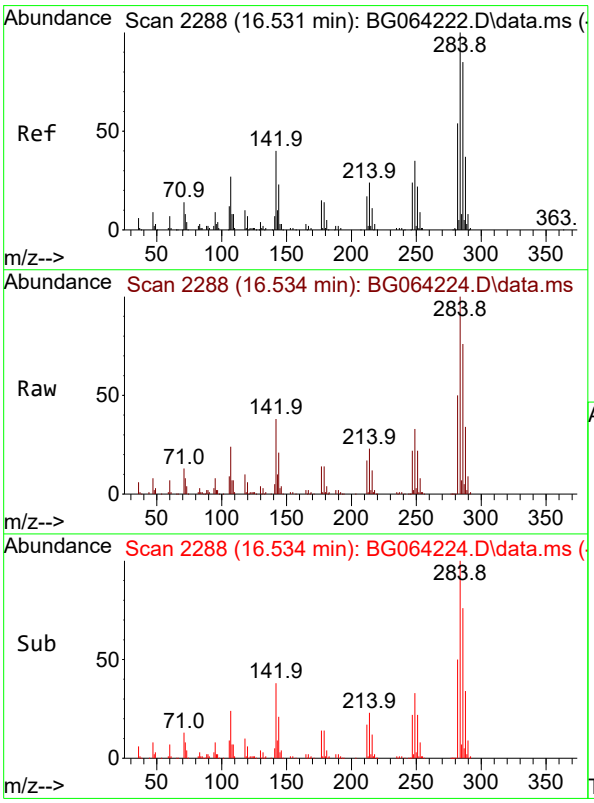
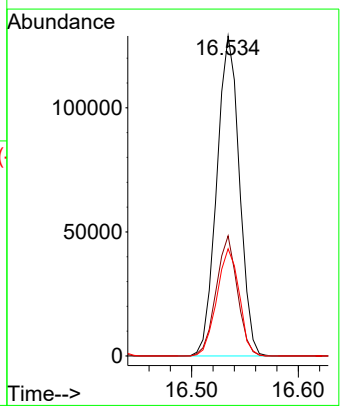
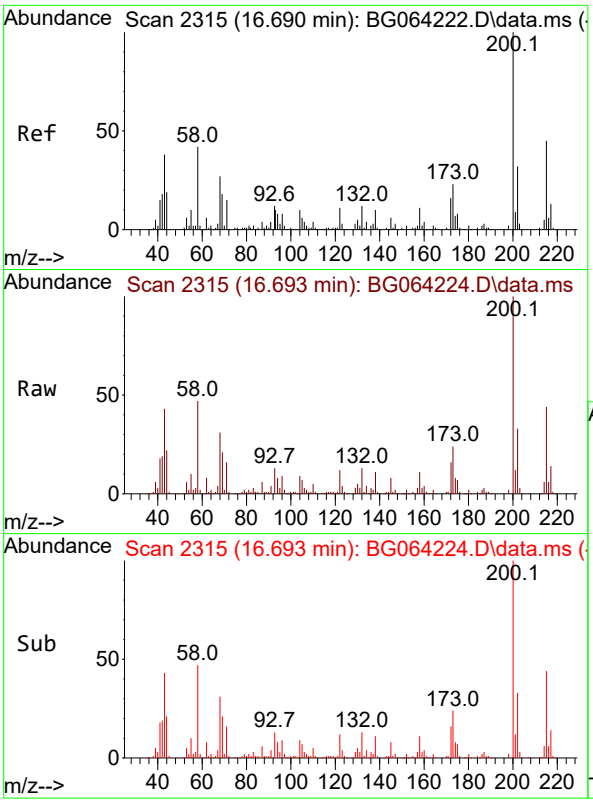


#68
Hexachlorobenzene
Concen: 61.691 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:284 Resp: 190207

Ion	Ratio	Lower	Upper
284	100		
142	37.6	32.1	48.1
249	33.5	28.3	42.5

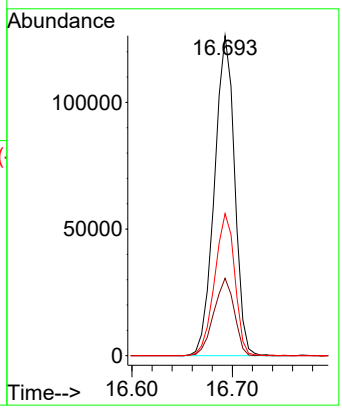




#69
Atrazine
Concen: 58.617 ng
RT: 16.693 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:200 Resp: 17600

Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.5	43.5
215	44.4	24.8	64.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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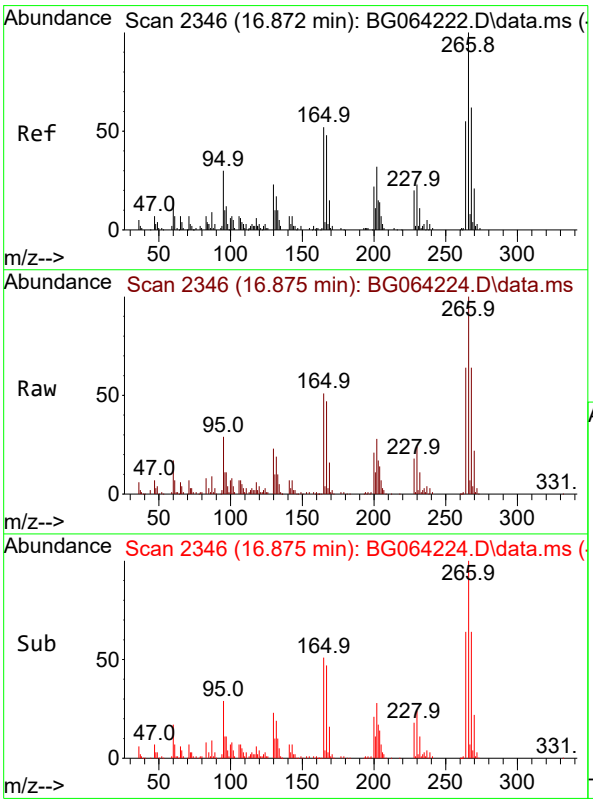
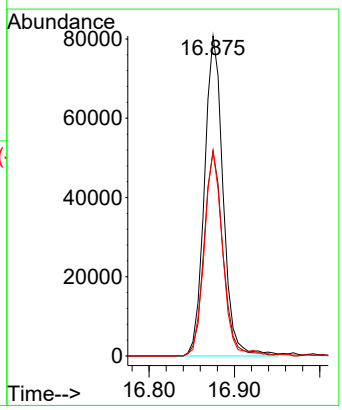
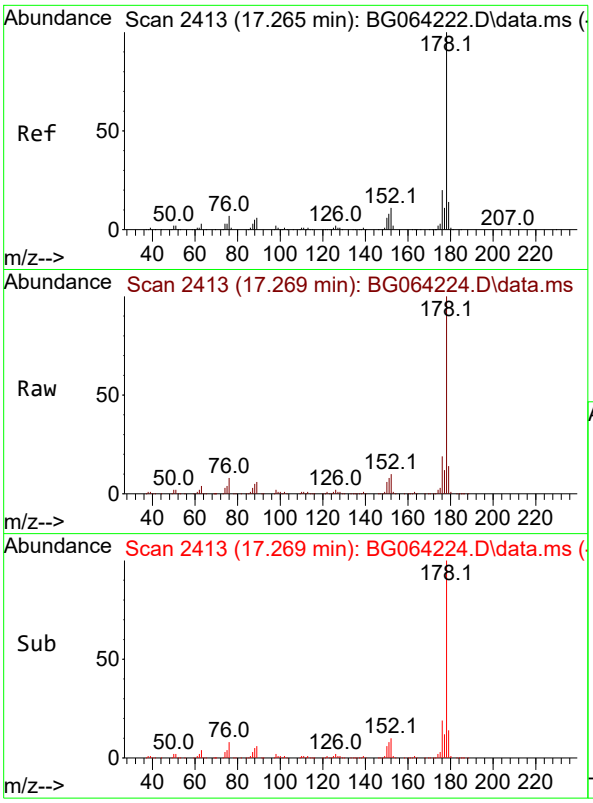


#70
Pentachlorophenol
Concen: 65.608 ng
RT: 16.875 min Scan# 2346
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:266 Resp: 122654

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.4	74.0
264	64.0	44.3	66.5

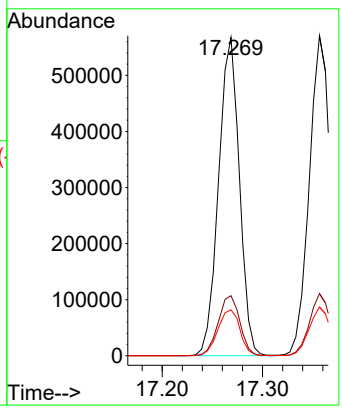




#71
Phenanthrene
Concen: 59.216 ng
RT: 17.269 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:178 Resp: 81643

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	14.5	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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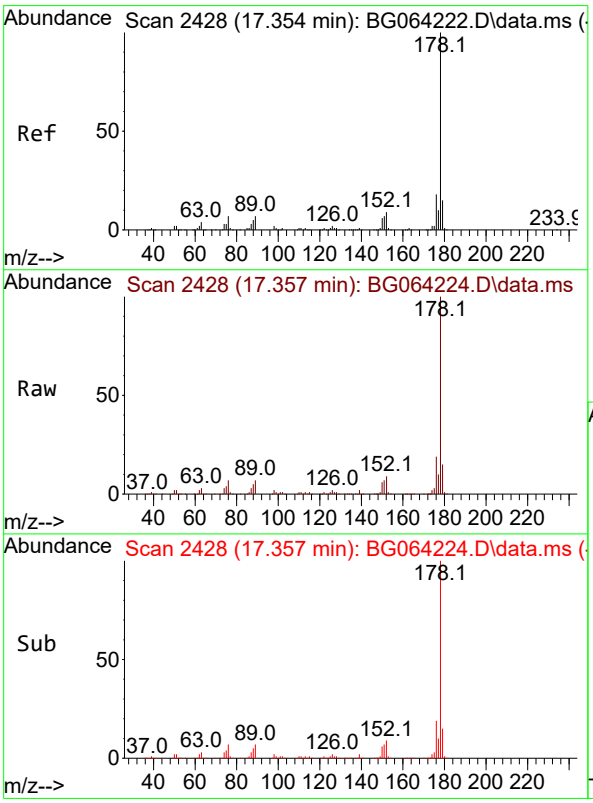
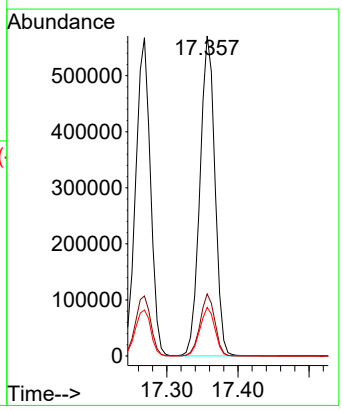
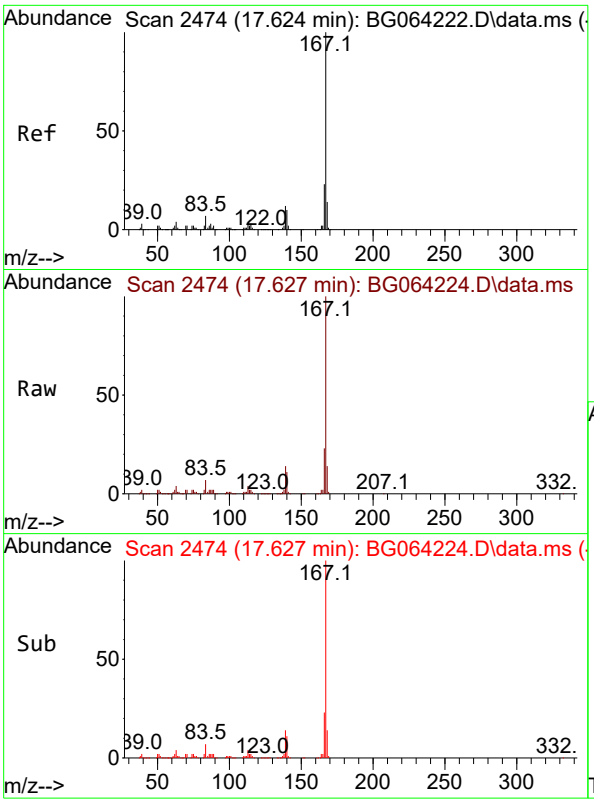


#72
Anthracene
Concen: 59.810 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:178 Resp: 838831

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.7	22.1
179	15.2	12.1	18.1





#73
Carbazole
Concen: 59.340 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:167 Resp: 73314

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.2
139	13.7	9.8	14.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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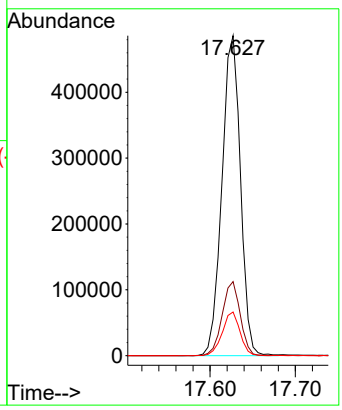
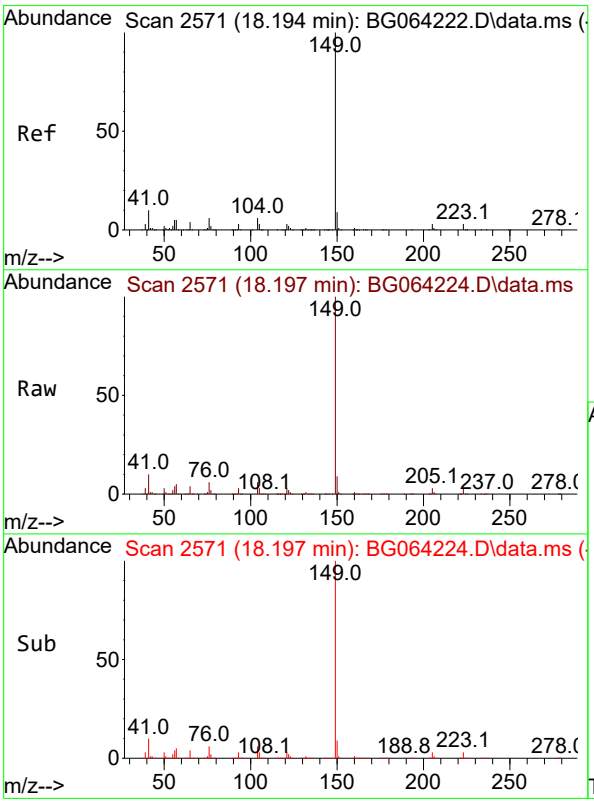
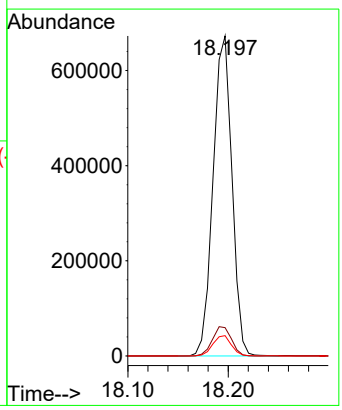


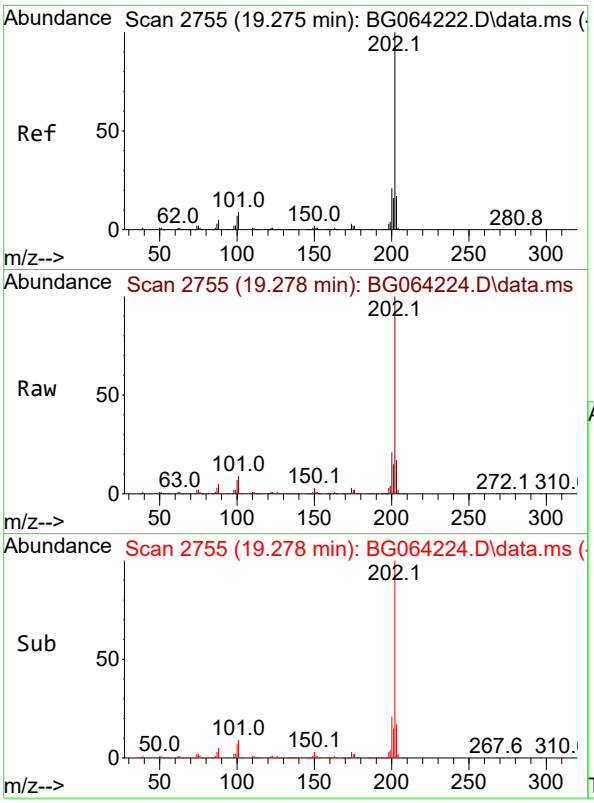


#74
Di-n-butylphthalate
Concen: 59.097 ng
RT: 18.197 min Scan# 2571
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:149 Resp: 877217

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.4	4.6	7.0

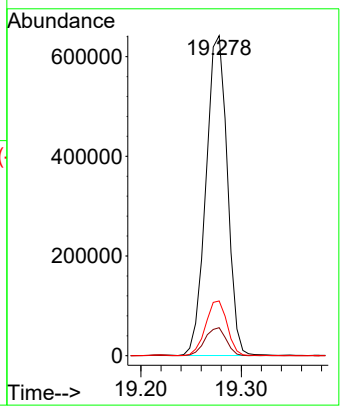




#75
Fluoranthene
Concen: 58.419 ng
RT: 19.278 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:202 Resp: 94705

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.7
203	17.1	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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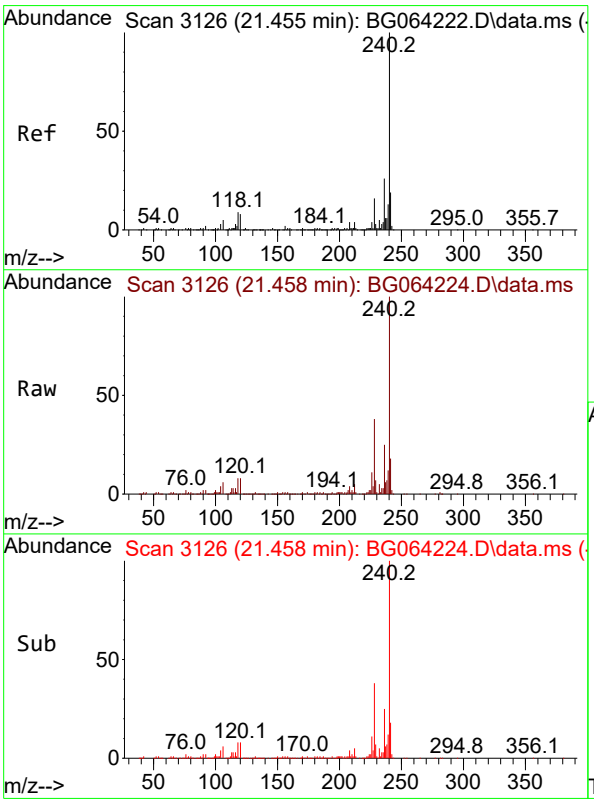
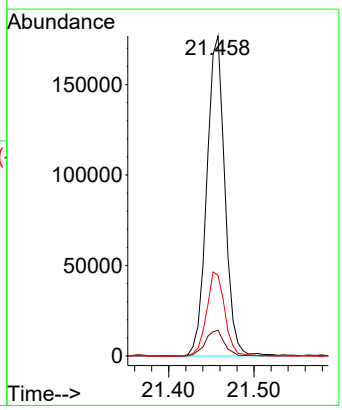
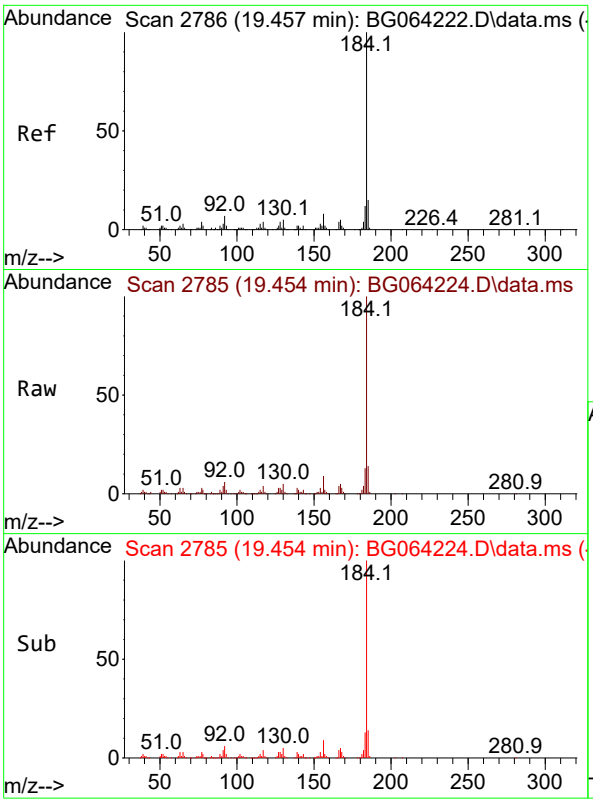


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:240 Resp: 260140

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	25.2	20.5	30.7

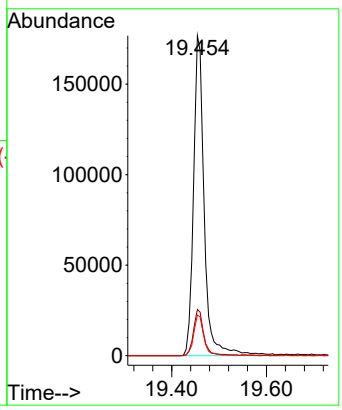




#77
Benzidine
Concen: 50.842 ng
RT: 19.454 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:184 Resp: 27823

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	12.7	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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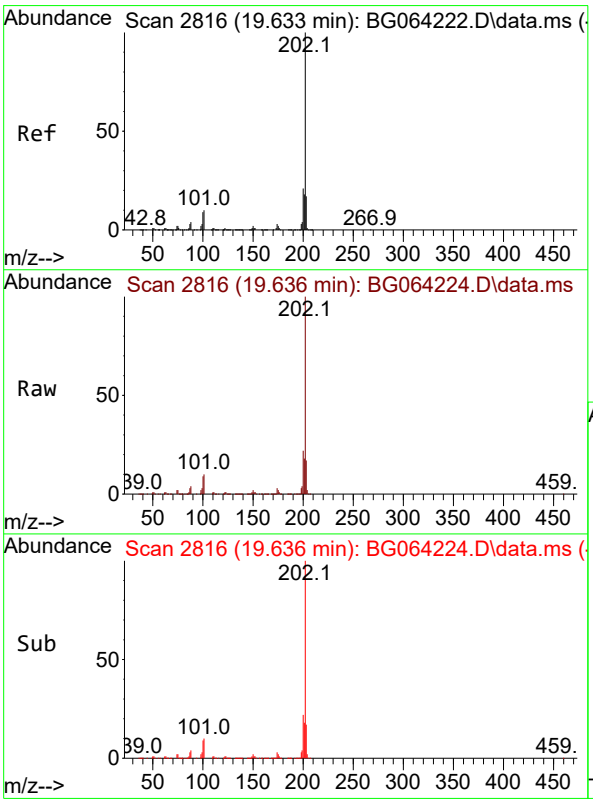
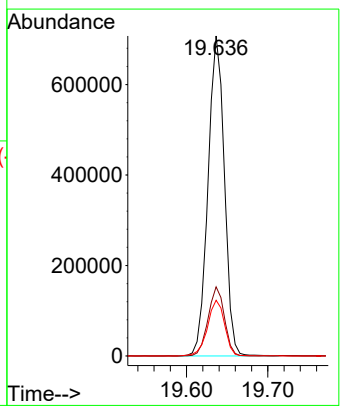
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

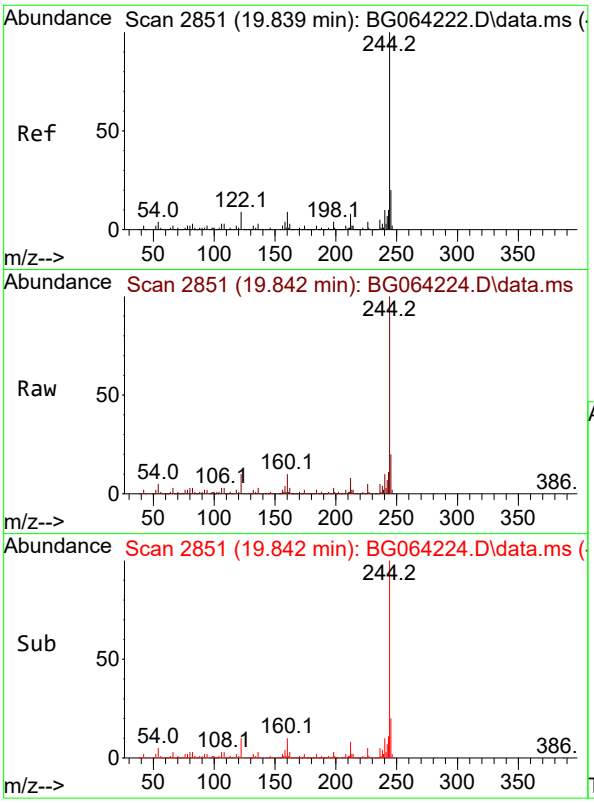


#78
Pyrene
Concen: 60.435 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:202 Resp: 990486

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.4	13.8	20.8





#79
Terphenyl-d14
Concen: 117.481 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:244 Resp: 146482

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	9.6	7.0	10.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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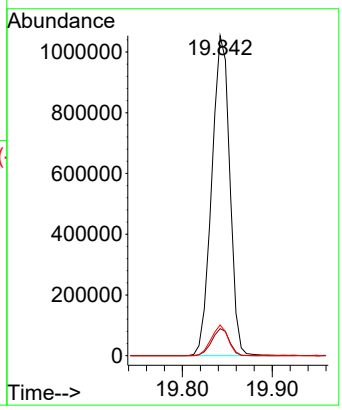
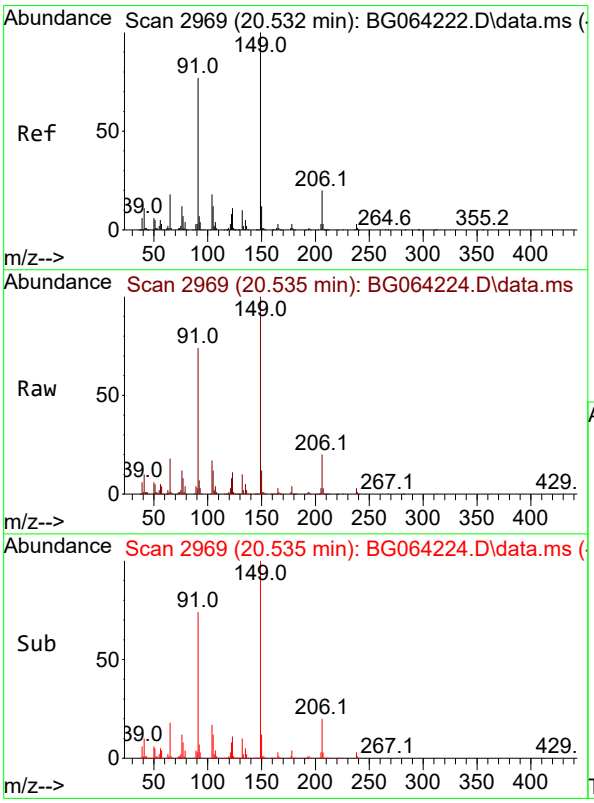
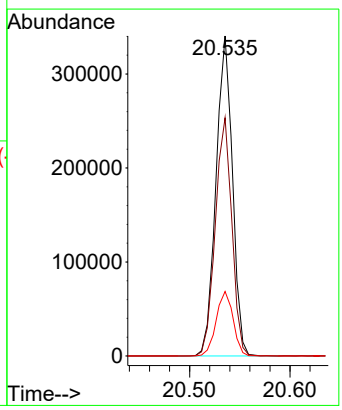


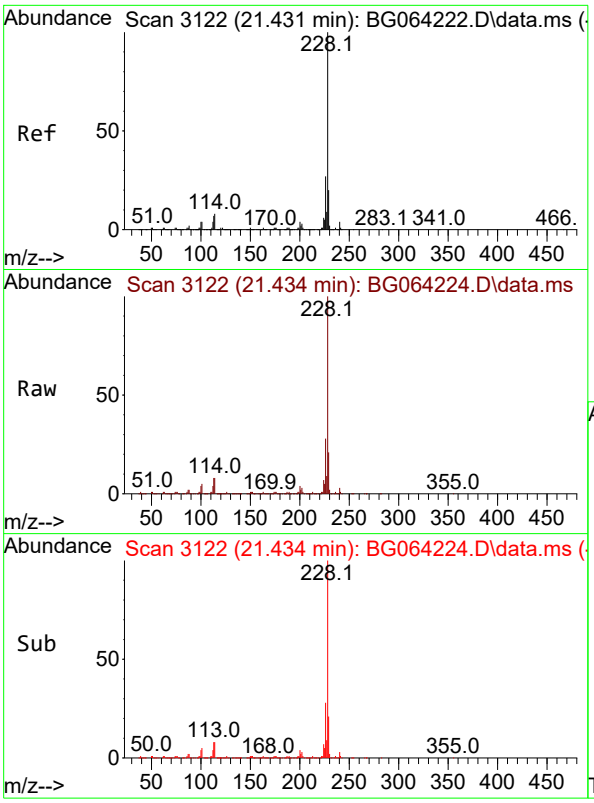


#80
Butylbenzylphthalate
Concen: 62.586 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:149 Resp: 386881

Ion	Ratio	Lower	Upper
149	100		
91	74.4	61.4	92.0
206	20.2	15.8	23.6





#81
Benzo(a)anthracene
Concen: 60.738 ng
RT: 21.434 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:228 Resp: 101084

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.5	15.9	23.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
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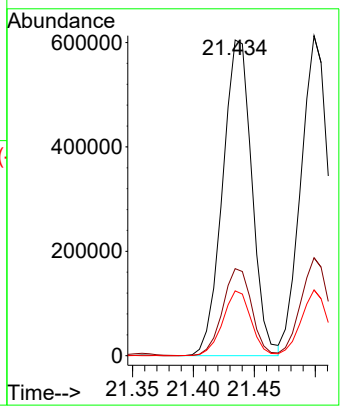
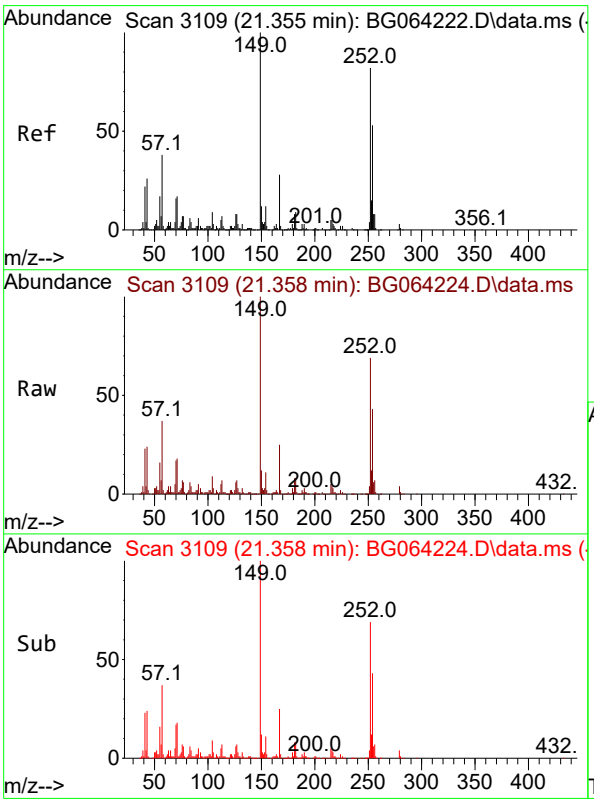
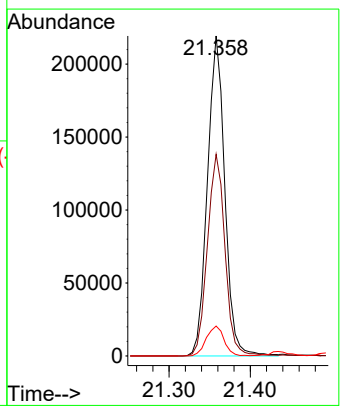


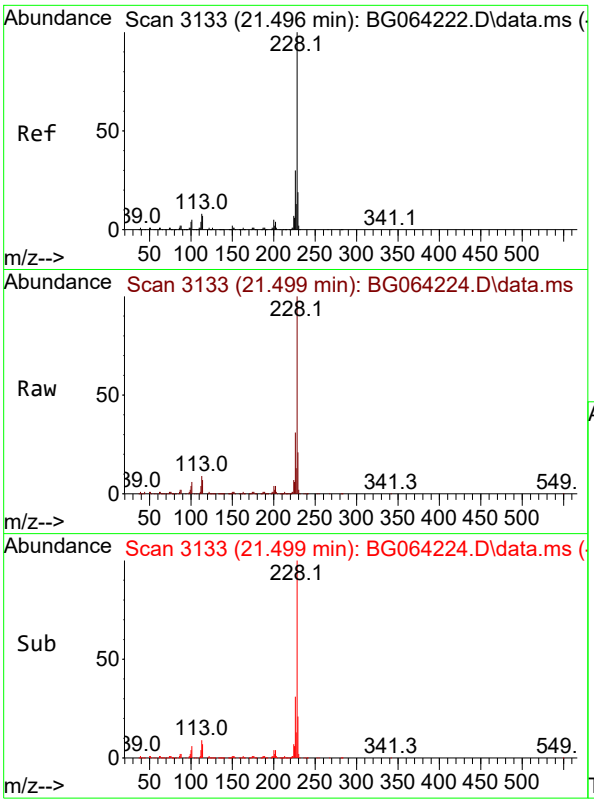


#82
3,3'-Dichlorobenzidine
Concen: 59.926 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 324809

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	9.4	7.6	11.4

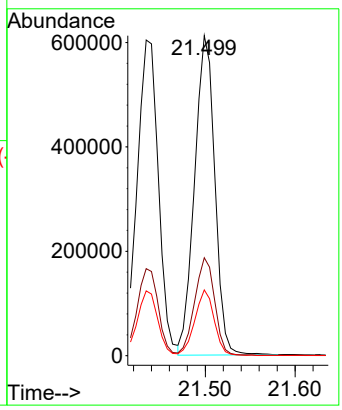




#83
Chrysene
Concen: 59.998 ng
RT: 21.499 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:228 Resp: 95862

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.6	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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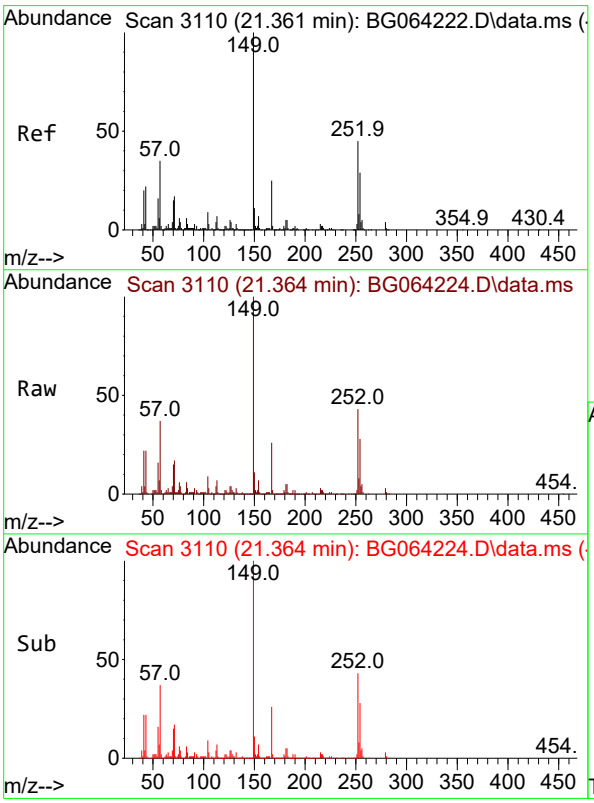
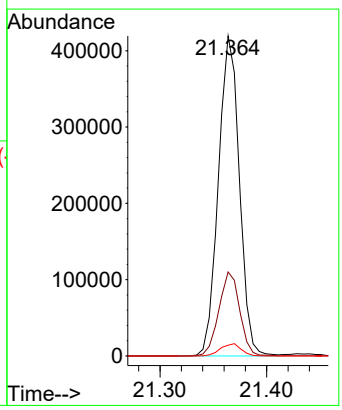
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

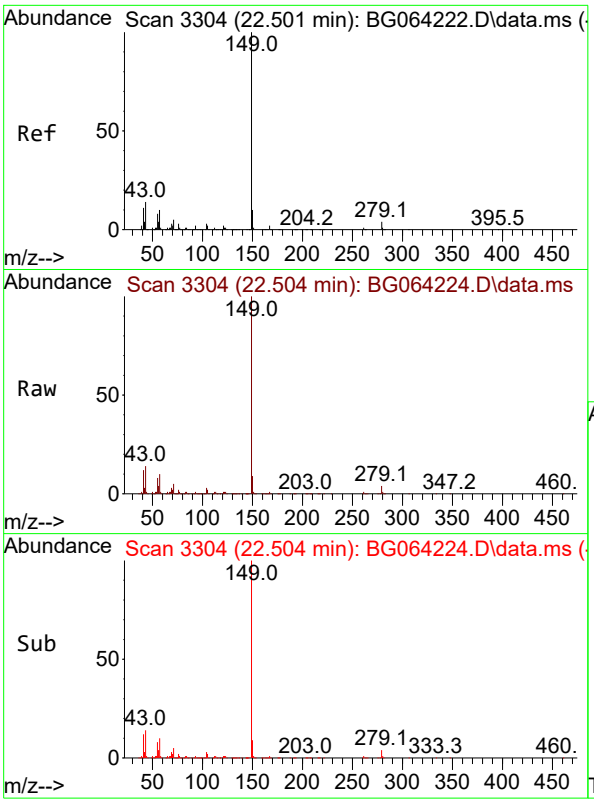


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.696 ng
RT: 21.364 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:149 Resp: 572579

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.0	30.0
279	3.4	3.0	4.4

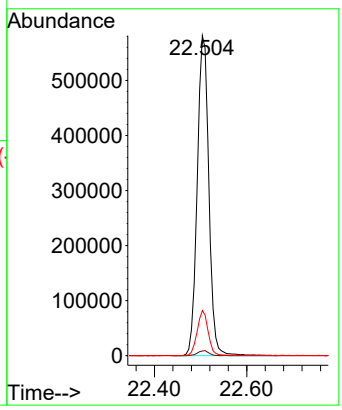




#85
Di-n-octyl phthalate
Concen: 62.901 ng
RT: 22.504 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:149 Resp: 101715

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.4	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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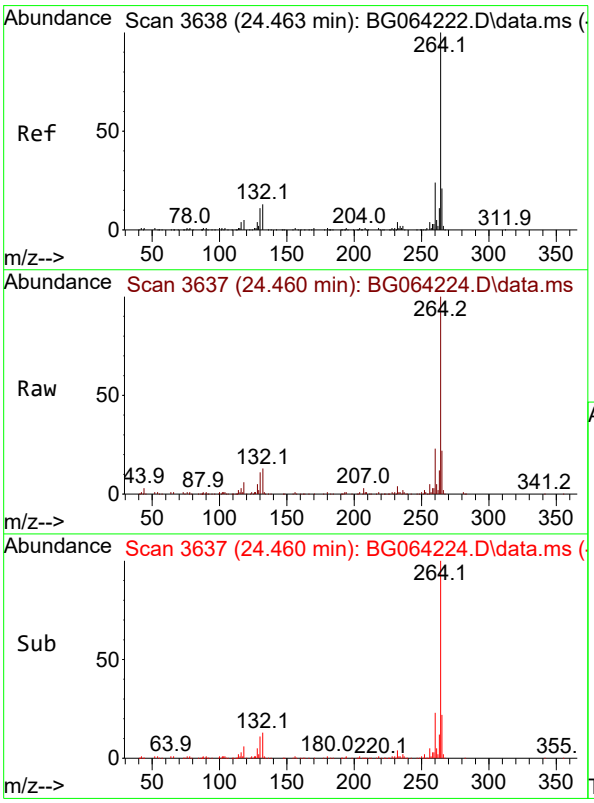
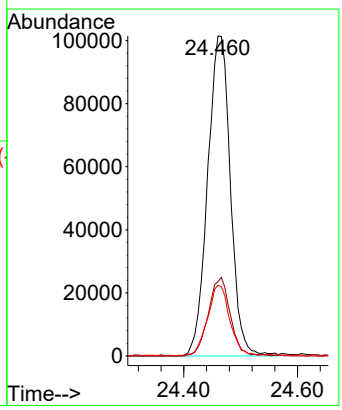
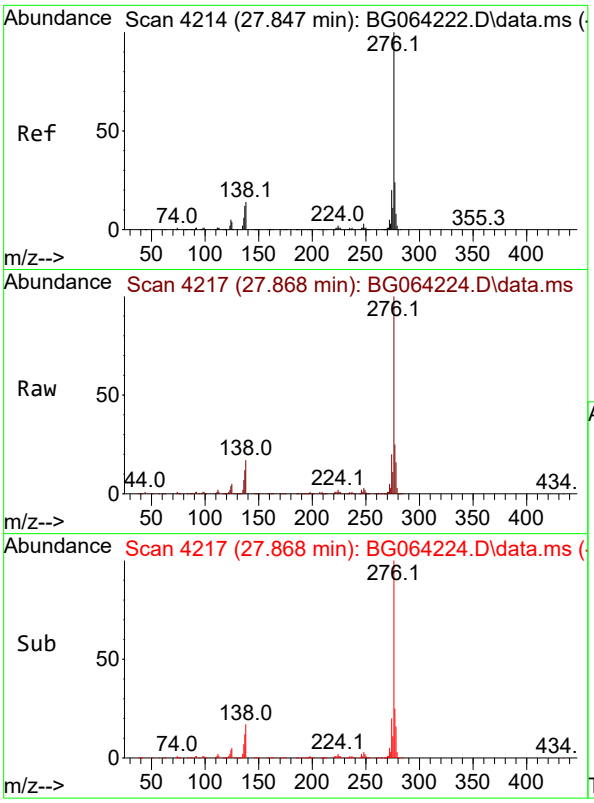


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:264 Resp: 282089

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.1	16.7	25.1

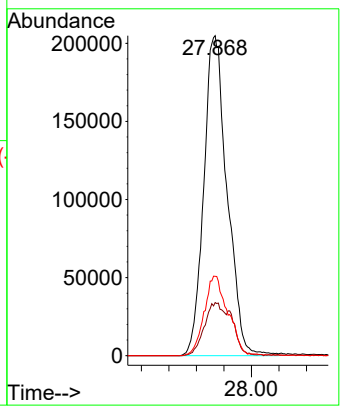




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.724 ng
RT: 27.868 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:276 Resp: 120832

Ion	Ratio	Lower	Upper
276	100		
138	14.2	7.4	11.0#
277	25.3	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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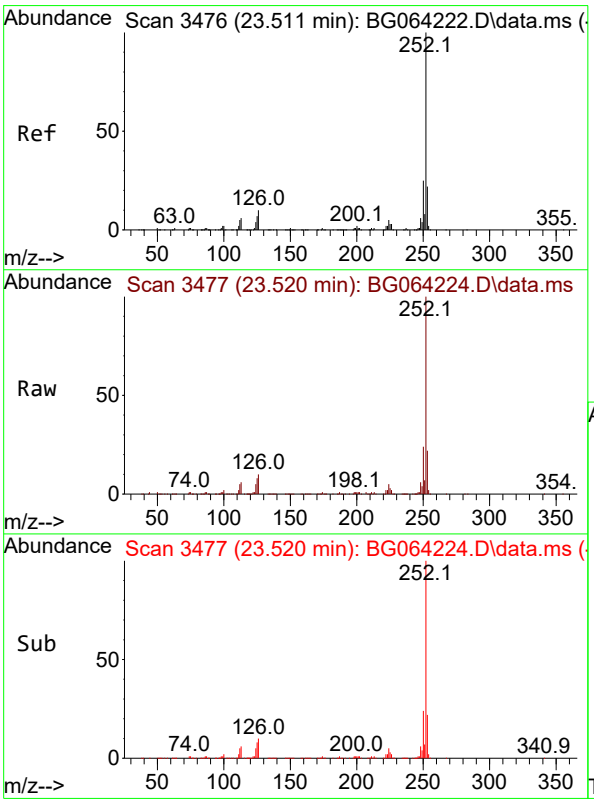
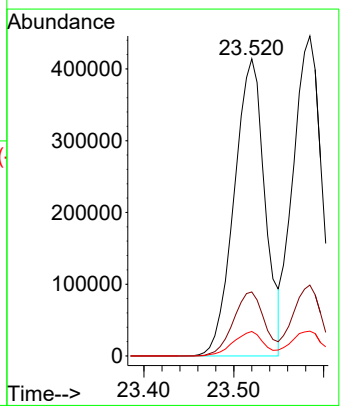
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

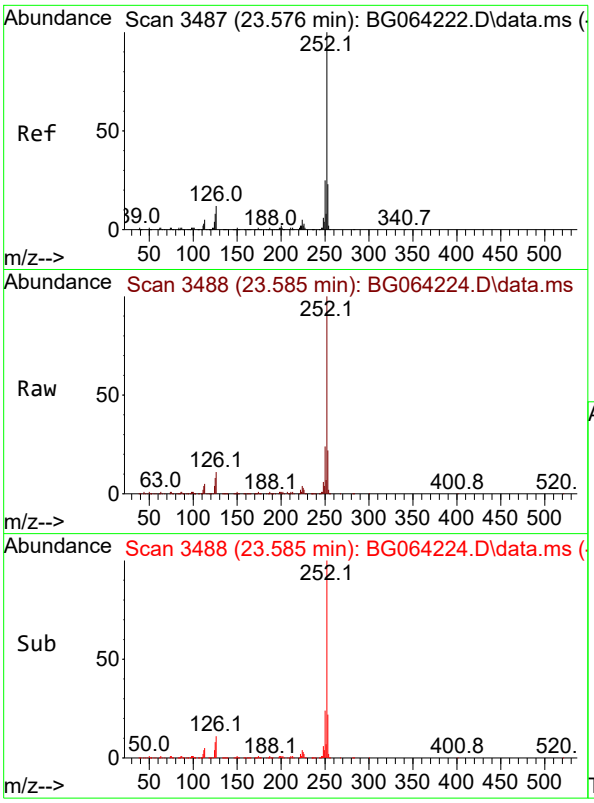


#88
Benzo(b)fluoranthene
Concen: 61.873 ng
RT: 23.520 min Scan# 3477
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 985063

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.3	5.9	8.9

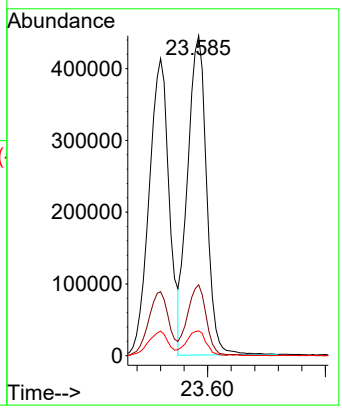




#89
Benzo(k)fluoranthene
Concen: 61.325 ng
RT: 23.585 min Scan# 34
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 99466

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	7.7	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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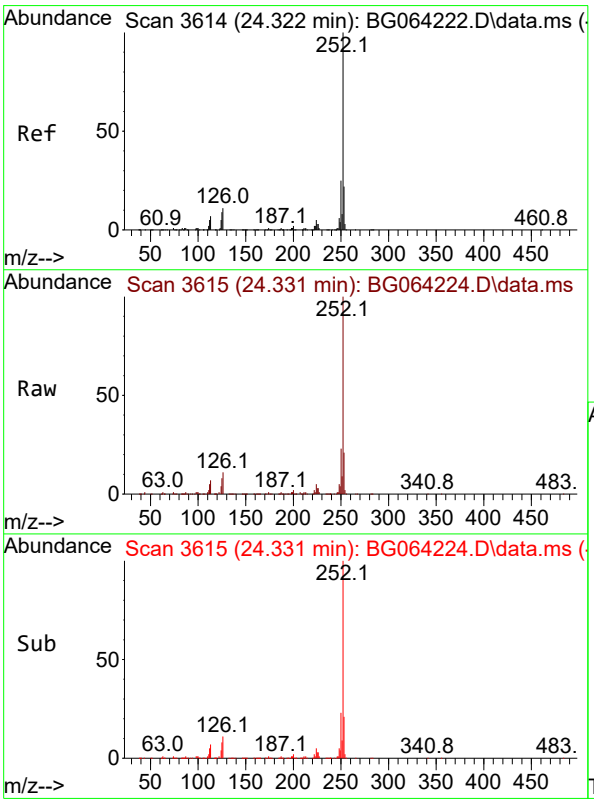
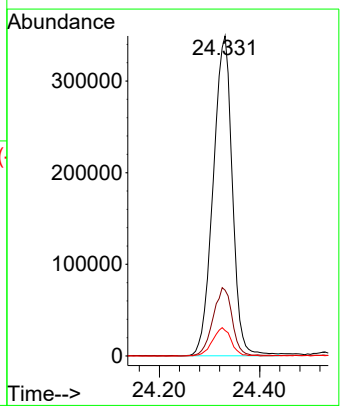
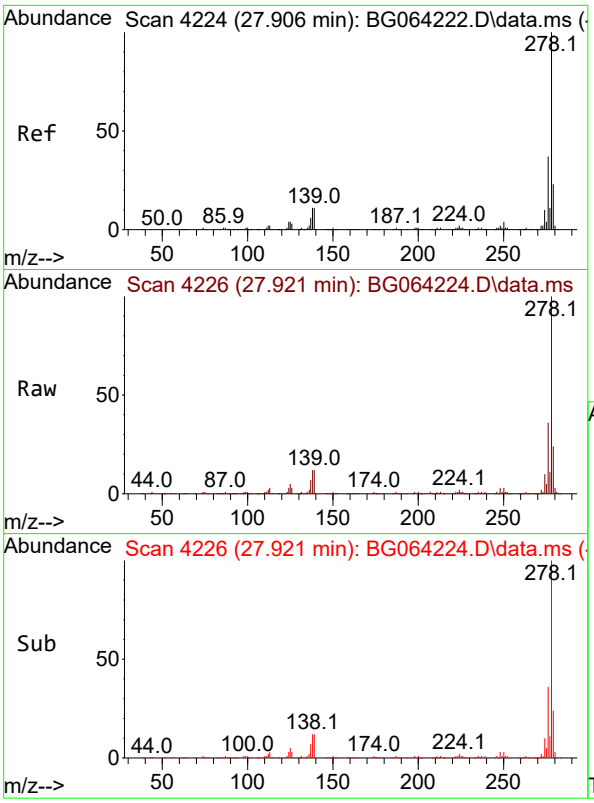


#90
Benzo(a)pyrene
Concen: 62.350 ng
RT: 24.331 min Scan# 3615
Delta R.T. 0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 923392

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.2
125	7.9	7.0	10.6

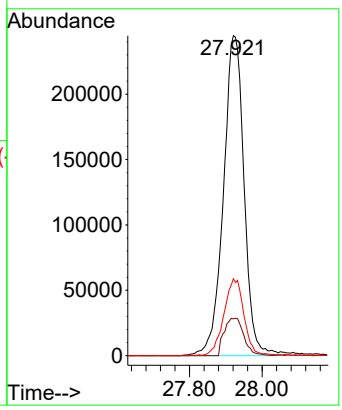




#91
Dibenzo(a,h)anthracene
Concen: 62.598 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:278 Resp: 96823

Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.0	13.4
279	24.1	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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Reviewed By :Rahul Chavli 08/29/2025
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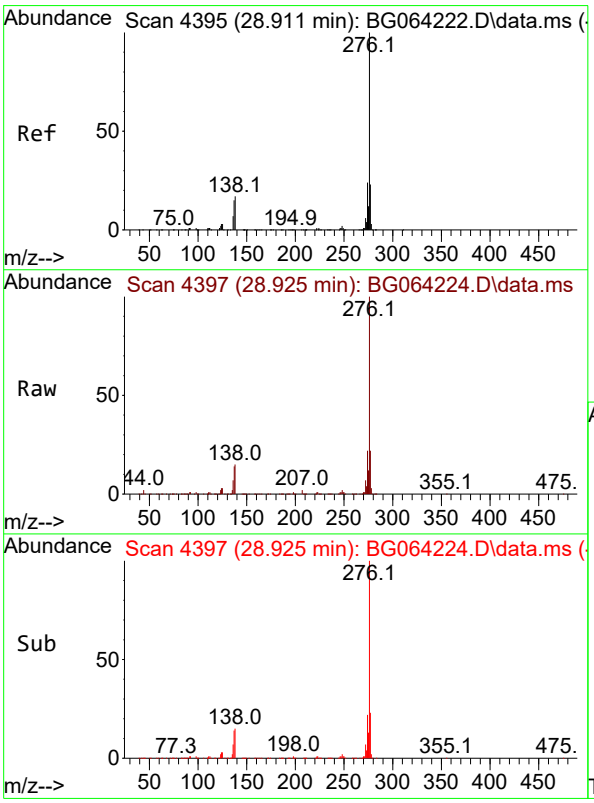
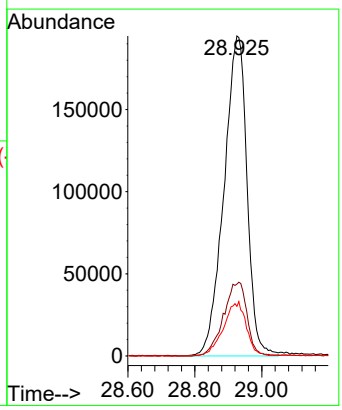


#92
Benzo(g,h,i)perylene
Concen: 61.991 ng
RT: 28.925 min Scan# 4397
Delta R.T. -0.009 min
Lab File: BG064224.D
Acq: 28 Aug 2025 15:35

Tgt Ion:276 Resp: 933012

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.2	27.4
138	15.5	13.3	19.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	31439	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	150999	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	104548	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	231385	20.000	ng		0.00
76) Chrysene-d12	21.455	240	235542	20.000	ng		0.00
86) Perylene-d12	24.463	264	252822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	284858	162.557	ng		0.00
7) Phenol-d6	7.031	99	385197	160.002	ng		0.00
23) Nitrobenzene-d5	9.017	82	435451	160.831	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	210720	152.168	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	1040275	151.875	ng		0.00
79) Terphenyl-d14	19.845	244	1673235	148.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	53597	73.380	ng		94
3) Pyridine	3.752	79	169599	78.882	ng	#	56
4) n-Nitrosodimethylamine	3.664	42	112112	78.835	ng		87
6) Aniline	7.189	93	265369	79.710	ng		98
8) 2-Chlorophenol	7.424	128	171573	80.124	ng		96
10) Phenol	7.054	94	213623	80.484	ng		95
11) bis(2-Chloroethyl)ether	7.283	93	158234	79.334	ng		95
12) 1,3-Dichlorobenzene	7.747	146	176619	77.530	ng		97
13) 1,4-Dichlorobenzene	7.894	146	175825	76.475	ng		98
14) 1,2-Dichlorobenzene	8.212	146	174325	78.562	ng		94
15) Benzyl Alcohol	8.094	79	182418	82.109	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.376	45	352470	77.403	ng		98
17) 2-Methylphenol	8.300	107	156695	79.212	ng		99
18) Hexachloroethane	8.934	117	71260	79.402	ng		93
19) n-Nitroso-di-n-propyla...	8.664	70	146366	79.439	ng		93
20) 3+4-Methylphenols	8.629	107	220429	80.195	ng		98
22) Acetophenone	8.676	105	297000	77.746	ng	#	97
24) Nitrobenzene	9.058	77	226441	80.047	ng		98
25) Isophorone	9.587	82	437415	77.734	ng		99
26) 2-Nitrophenol	9.763	139	103335	84.539	ng		88
27) 2,4-Dimethylphenol	9.827	122	168782	78.649	ng		99
28) bis(2-Chloroethoxy)met...	10.062	93	236323	77.887	ng		97
29) 2,4-Dichlorophenol	10.297	162	177516	78.397	ng		95
30) 1,2,4-Trichlorobenzene	10.509	180	184039	77.085	ng		99
31) Naphthalene	10.697	128	595827	76.094	ng		99
32) Benzoic acid	10.015	122	147808m	86.767	ng		
33) 4-Chloroaniline	10.803	127	242526	79.915	ng		98
34) Hexachlorobutadiene	10.991	225	135868	76.987	ng		91
35) Caprolactam	11.602	113	66367	75.695	ng	#	85
36) 4-Chloro-3-methylphenol	11.931	107	231233	78.708	ng		95
37) 2-Methylnaphthalene	12.307	142	443073	76.128	ng		97
38) 1-Methylnaphthalene	12.524	142	435898	75.825	ng		96
40) 1,2,4,5-Tetrachloroben...	12.677	216	241038	79.906	ng		99
41) Hexachlorocyclopentadiene	12.659	237	123923	86.438	ng		95
43) 2,4,6-Trichlorophenol	12.912	196	164665	81.670	ng		93
44) 2,4,5-Trichlorophenol	12.988	196	177089	80.969	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.317	154	595496	78.203	ng		100
47) 2-Chloronaphthalene	13.359	162	451011	78.784	ng		97
48) 2-Nitroaniline	13.564	65	165981	85.067	ng		98
49) Acenaphthylene	14.205	152	660780	78.084	ng		98
50) Dimethylphthalate	13.946	163	592653	74.892	ng		100
51) 2,6-Dinitrotoluene	14.058	165	127509	83.231	ng		98
52) Acenaphthene	14.551	154	457783	76.655	ng		96
53) 3-Nitroaniline	14.387	138	130491	81.316	ng		92
54) 2,4-Dinitrophenol	14.592	184	79263	79.247	ng	#	84
55) Dibenzofuran	14.880	168	720048	76.654	ng		98
56) 4-Nitrophenol	14.698	139	110109	83.646	ng		98
57) 2,4-Dinitrotoluene	14.845	165	190202	82.112	ng		98
58) Fluorene	15.533	166	574100	74.567	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	164241	78.076	ng		99
60) Diethylphthalate	15.315	149	633833	74.841	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	289860	75.511	ng		96
62) 4-Nitroaniline	15.556	138	136014	83.062	ng		98
63) Azobenzene	15.820	77	577669	76.529	ng		98
65) 4,6-Dinitro-2-methylph...	15.609	198	118887	89.493	ng		99
66) n-Nitrosodiphenylamine	15.744	169	501350	78.764	ng		96
67) 4-Bromophenyl-phenylether	16.420	248	199527	81.188	ng		99
68) Hexachlorobenzene	16.537	284	217240	79.601	ng		93
69) Atrazine	16.696	200	203423	76.540	ng		99
70) Pentachlorophenol	16.878	266	144874	87.549	ng		93
71) Phenanthrene	17.266	178	939199	76.958	ng		98
72) Anthracene	17.360	178	951911	76.680	ng		98
73) Carbazole	17.624	167	841735	76.969	ng		98
74) Di-n-butylphthalate	18.194	149	1011294	76.970	ng		99
75) Fluoranthene	19.275	202	1084541	75.580	ng		98
77) Benzidine	19.457	184	337627	68.139	ng		98
78) Pyrene	19.639	202	1147906	77.355	ng		99
80) Butylbenzylphthalate	20.533	149	453565	81.036	ng		100
81) Benzo(a)anthracene	21.437	228	1171856	77.766	ng		99
82) 3,3'-Dichlorobenzidine	21.361	252	380457	77.523	ng		97
83) Chrysene	21.502	228	1121478	77.521	ng		99
84) Bis(2-ethylhexyl)phtha...	21.367	149	661990	78.779	ng		96
85) Di-n-octyl phthalate	22.507	149	1167706	79.752	ng		100
87) Indeno(1,2,3-cd)pyrene	27.871	276	1401756	81.188	ng	#	98
88) Benzo(b)fluoranthene	23.517	252	1165918	81.710	ng		99
89) Benzo(k)fluoranthene	23.588	252	1148481	79.005	ng		98
90) Benzo(a)pyrene	24.328	252	1066956	80.383	ng		100
91) Dibenzo(a,h)anthracene	27.924	278	1133261	81.749	ng		98
92) Benzo(g,h,i)perylene	28.934	276	1088525	80.696	ng		98

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

ICAL Form

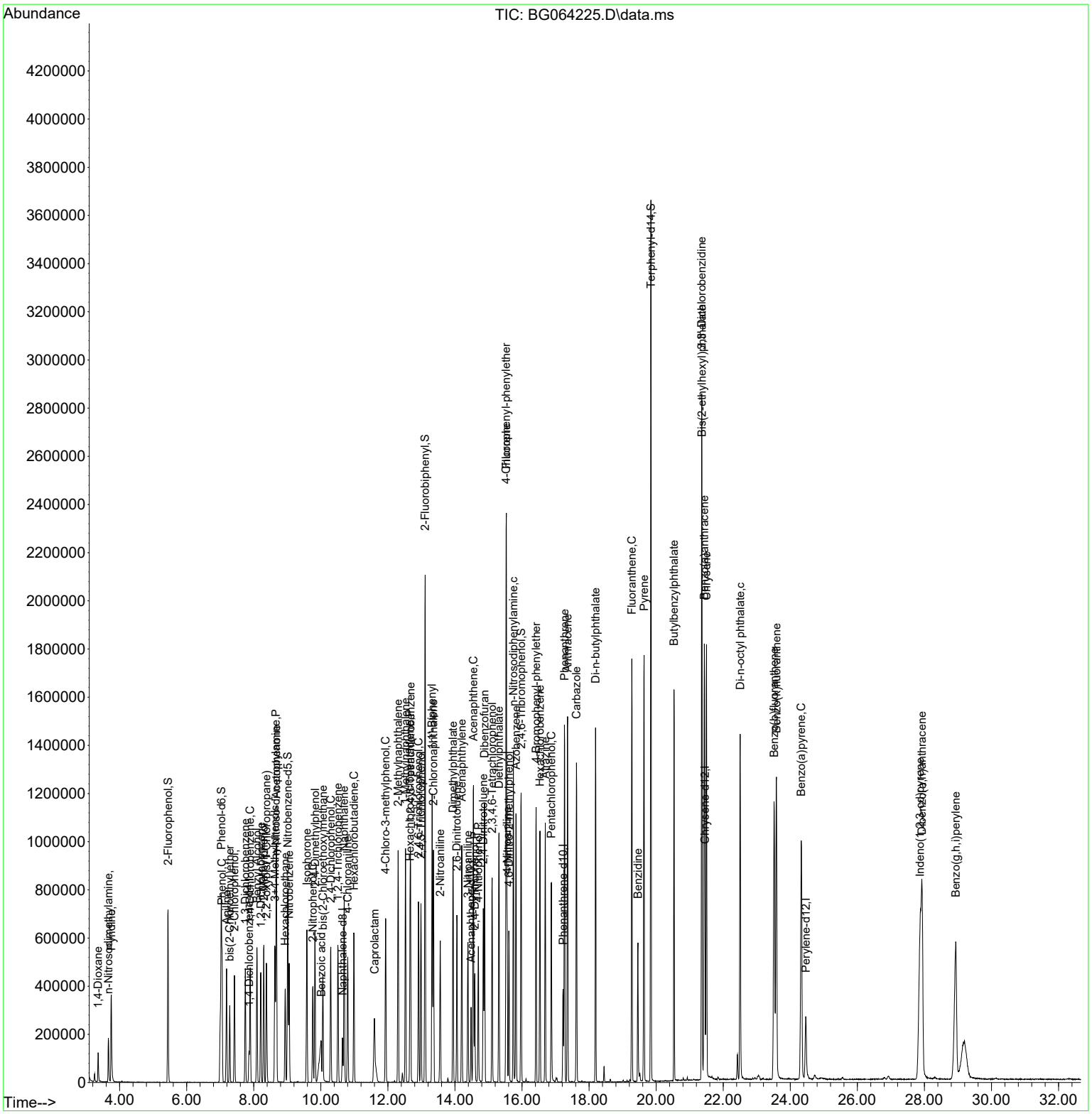
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

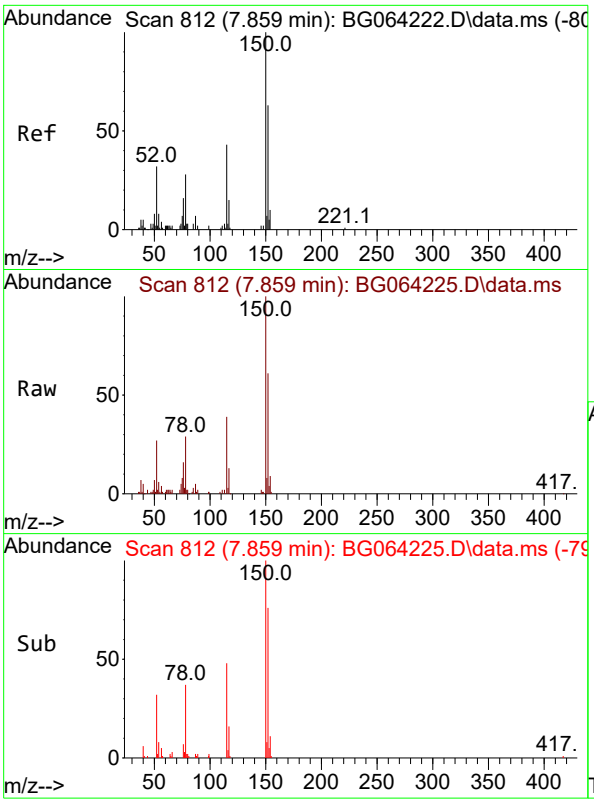
Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

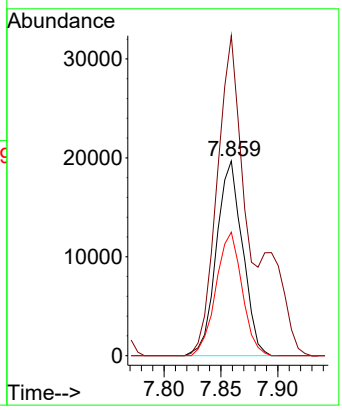




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:152 Resp: 3143

Ion	Ratio	Lower	Upper
152	100		
150	164.4	128.0	192.0
115	63.5	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

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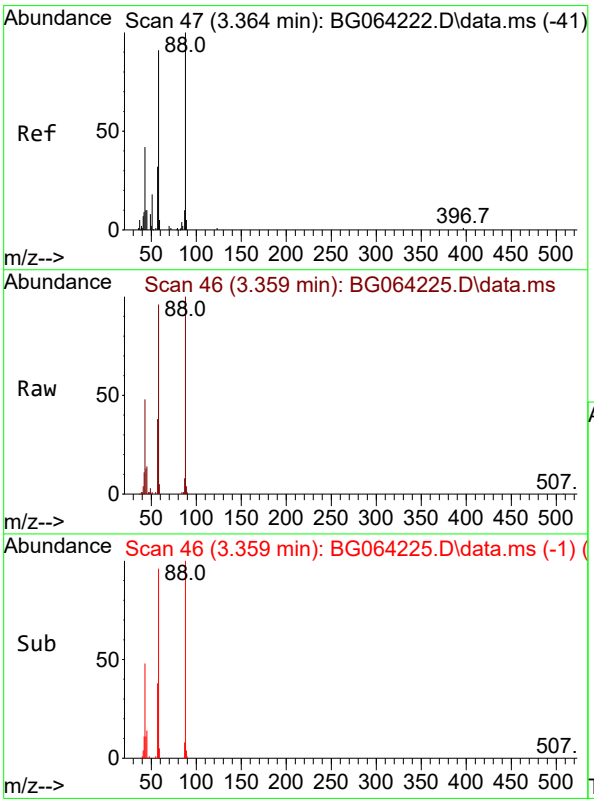
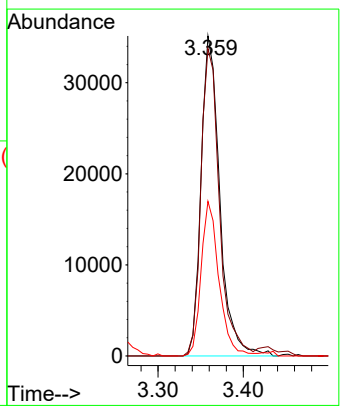
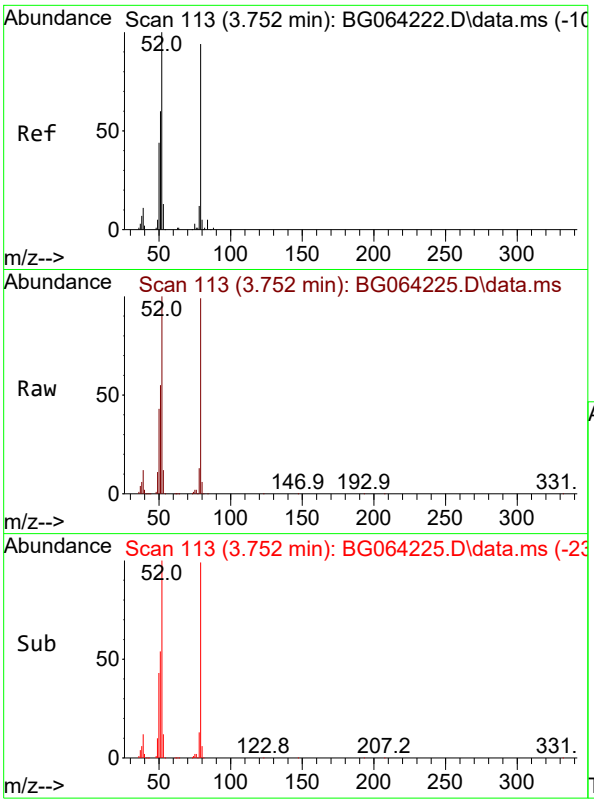


#2
1,4-Dioxane
Concen: 73.380 ng
RT: 3.359 min Scan# 46
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 88 Resp: 53597

Ion	Ratio	Lower	Upper
88	100		
58	94.8	80.8	121.2
43	46.2	40.3	60.5

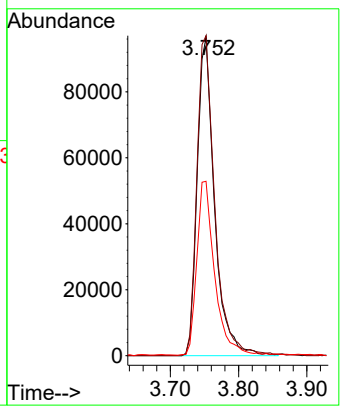




#3
Pyridine
Concen: 78.882 ng
RT: 3.752 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 79 Resp: 16959

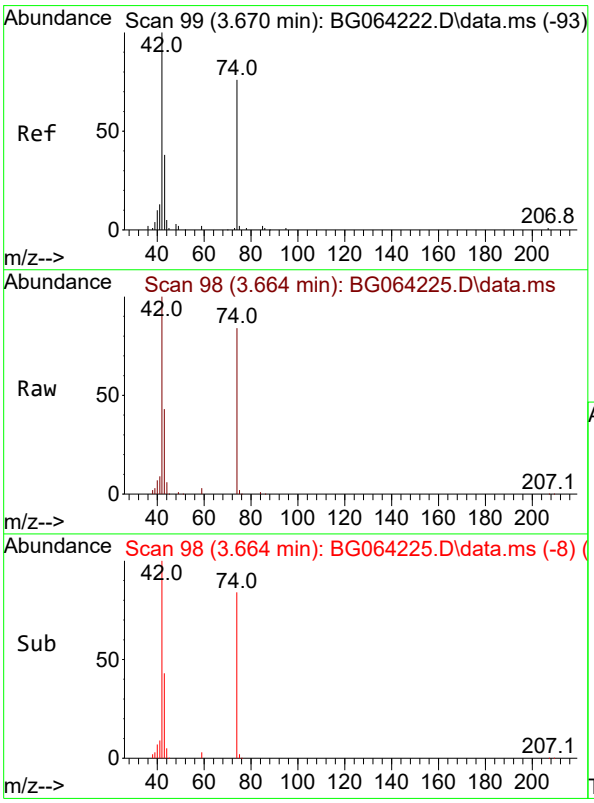
Ion	Ratio	Lower	Upper
79	100		
52	100.6	86.6	129.8
51	54.8	114.1	171.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

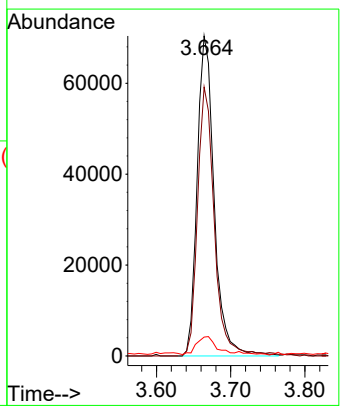
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

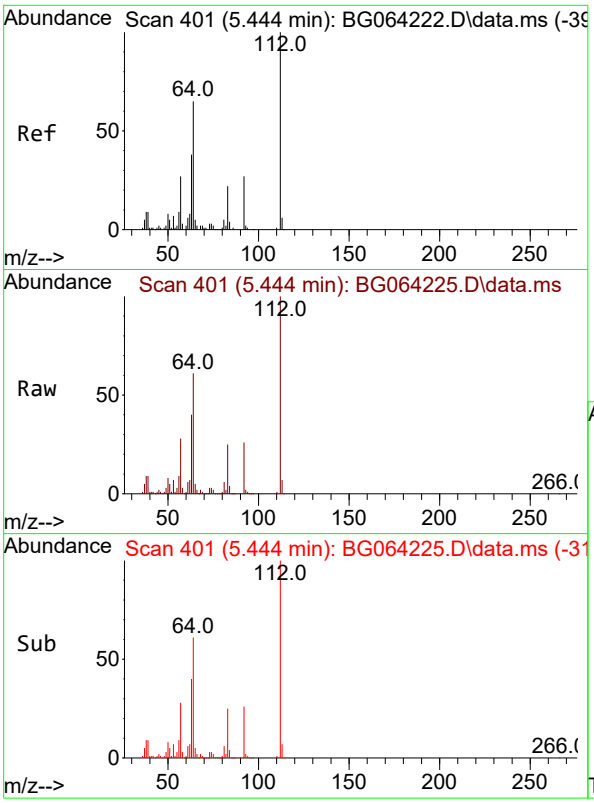


#4
n-Nitrosodimethylamine
Concen: 78.835 ng
RT: 3.664 min Scan# 98
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 42 Resp: 112112

Ion	Ratio	Lower	Upper
42	100		
74	84.1	58.0	87.0
44	5.9	5.5	8.3





#5
2-Fluorophenol
Concen: 162.557 ng
RT: 5.444 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

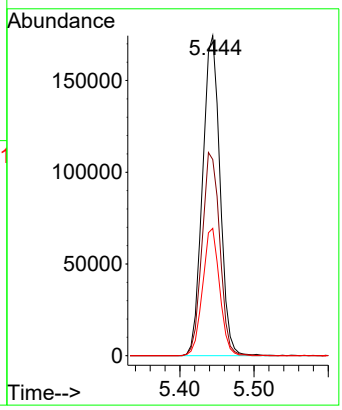
Tgt Ion:112 Resp: 28485

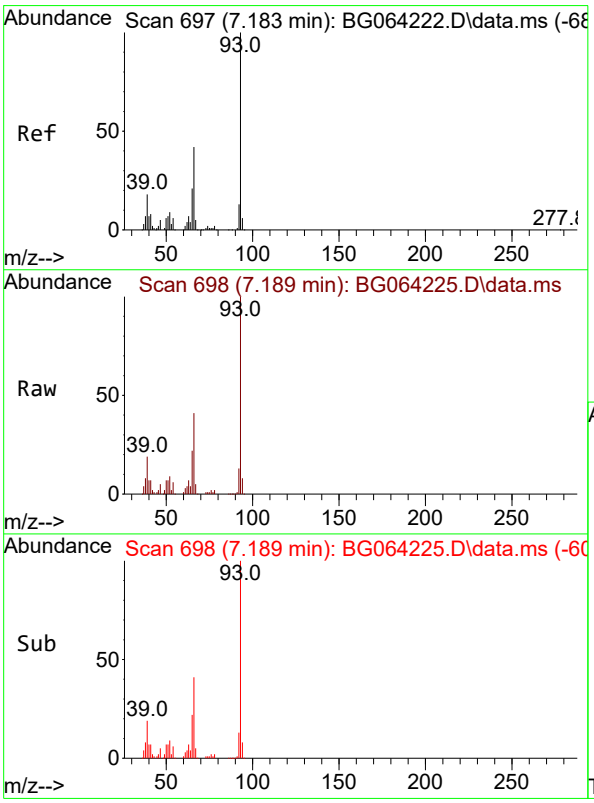
Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.8	77.6
63	39.8	30.6	45.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

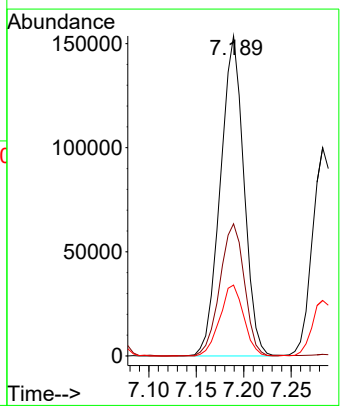


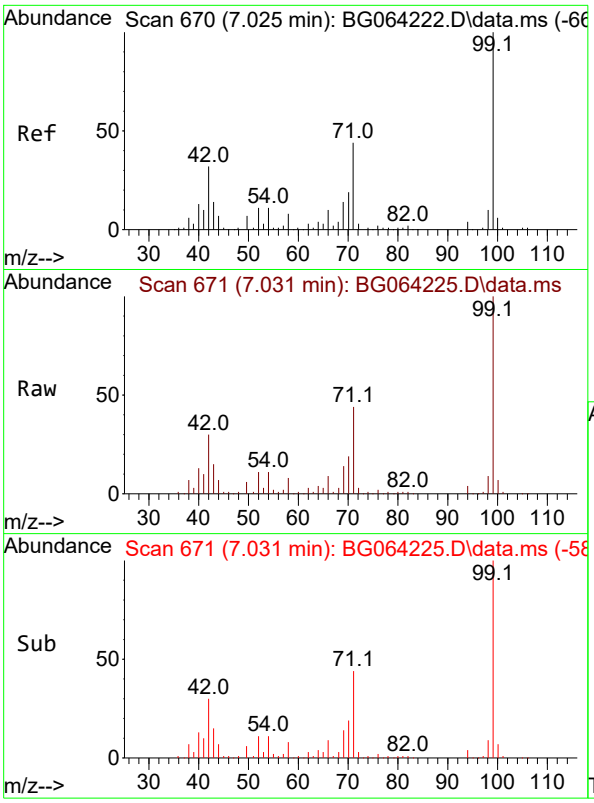


#6
Aniline
Concen: 79.710 ng
RT: 7.189 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 93 Resp: 265369

Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.8	50.8
65	22.2	16.9	25.3





#7
Phenol-d6
Concen: 160.002 ng
RT: 7.031 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 38519

Ion	Ratio	Lower	Upper
99	100		
42	29.9	25.8	38.8
71	44.3	35.2	52.8

Manual Integrations
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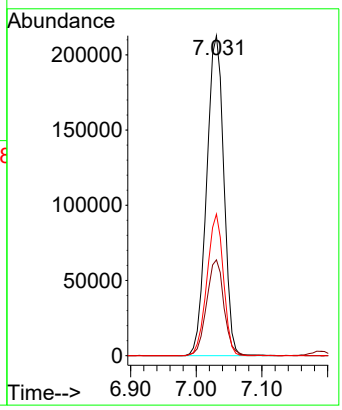
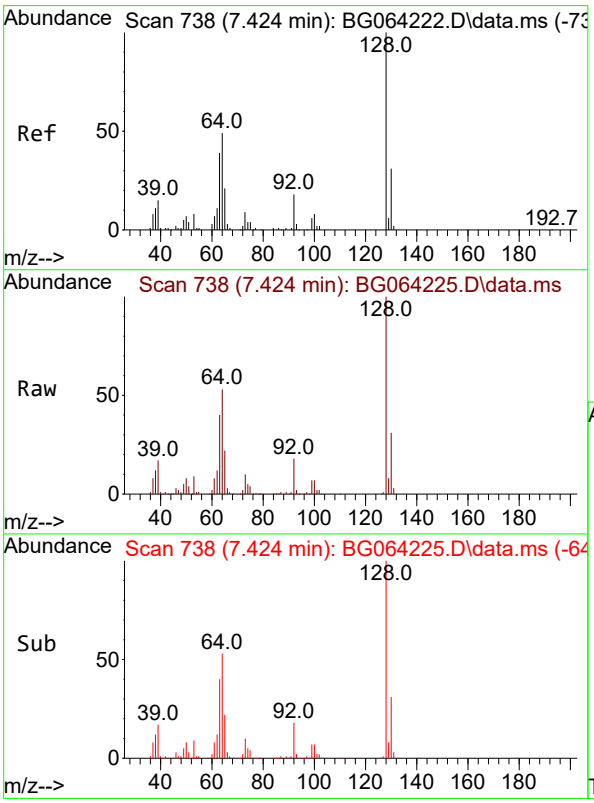
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

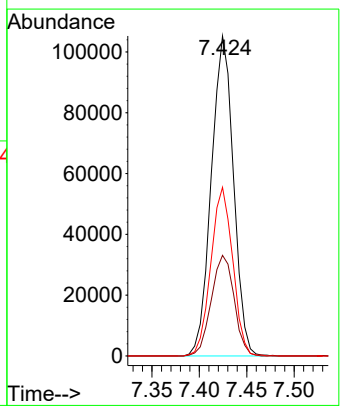


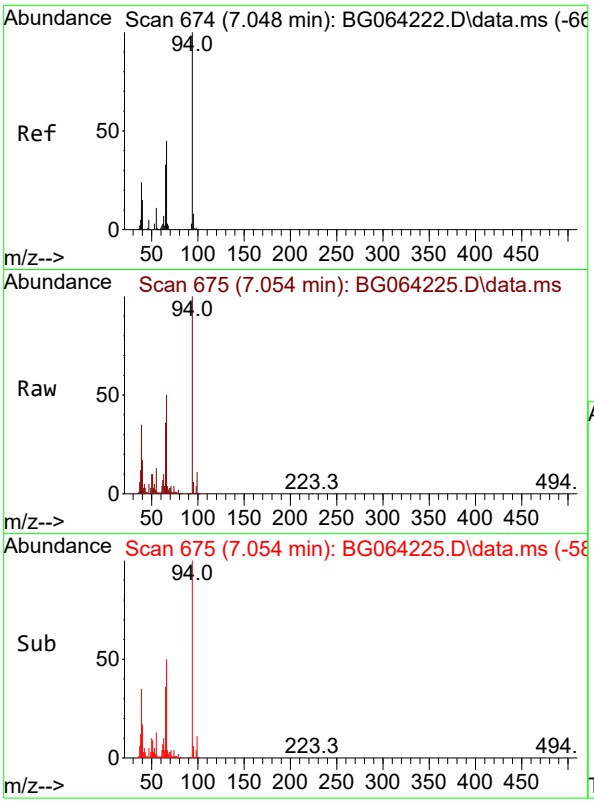


#8
2-Chlorophenol
Concen: 80.124 ng
RT: 7.424 min Scan# 738
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 171573

Ion	Ratio	Lower	Upper
128	100		
130	31.4	10.9	50.9
64	52.7	28.7	68.7

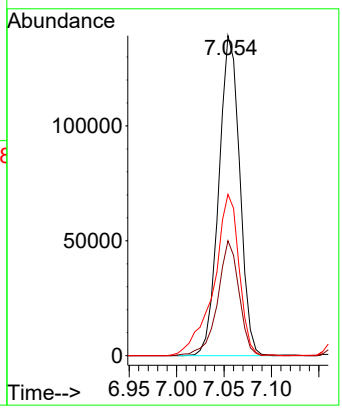




#10
Phenol
Concen: 80.484 ng
RT: 7.054 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 94 Resp: 21362

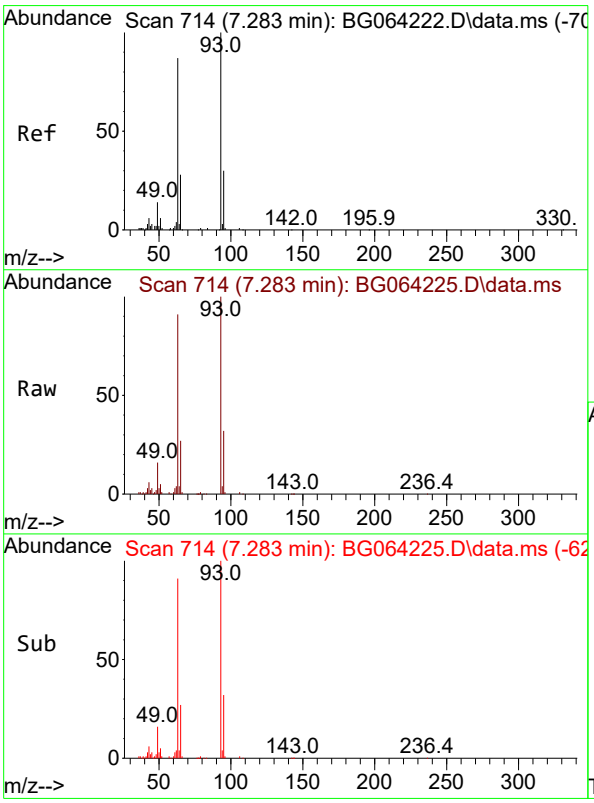
Ion	Ratio	Lower	Upper
94	100		
65	35.9	13.5	53.5
66	50.4	26.2	66.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

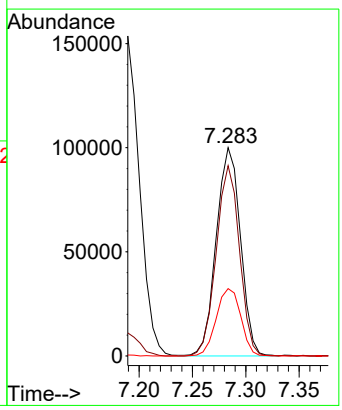
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

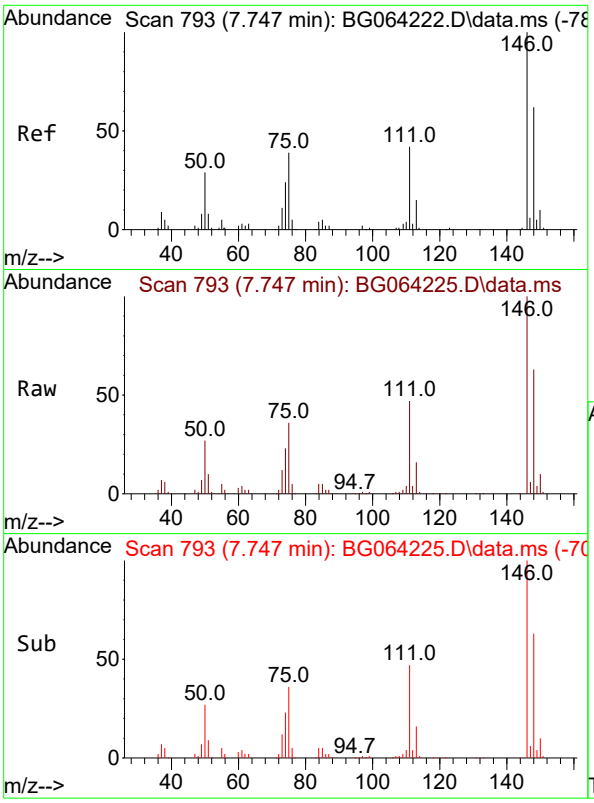


#11
bis(2-Chloroethyl)ether
Concen: 79.334 ng
RT: 7.283 min Scan# 714
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 93 Resp: 158234

Ion	Ratio	Lower	Upper
93	100		
63	91.3	66.2	106.2
95	32.3	9.8	49.8





#12
1,3-Dichlorobenzene
Concen: 77.530 ng
RT: 7.747 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:146 Resp: 17661

Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.6	74.4
75	35.9	31.0	46.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
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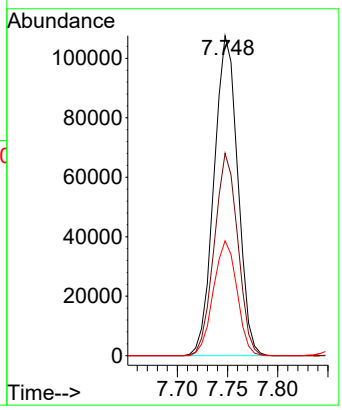
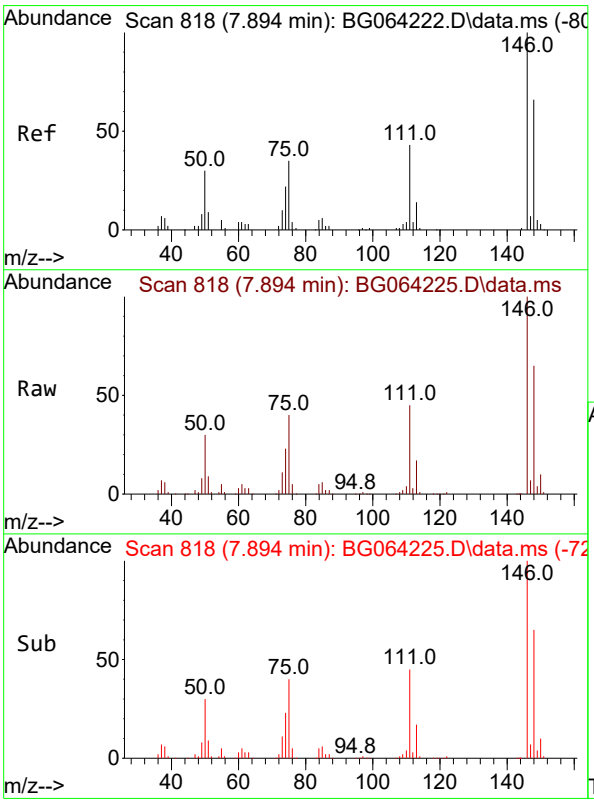
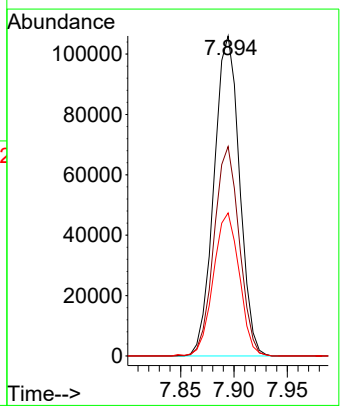


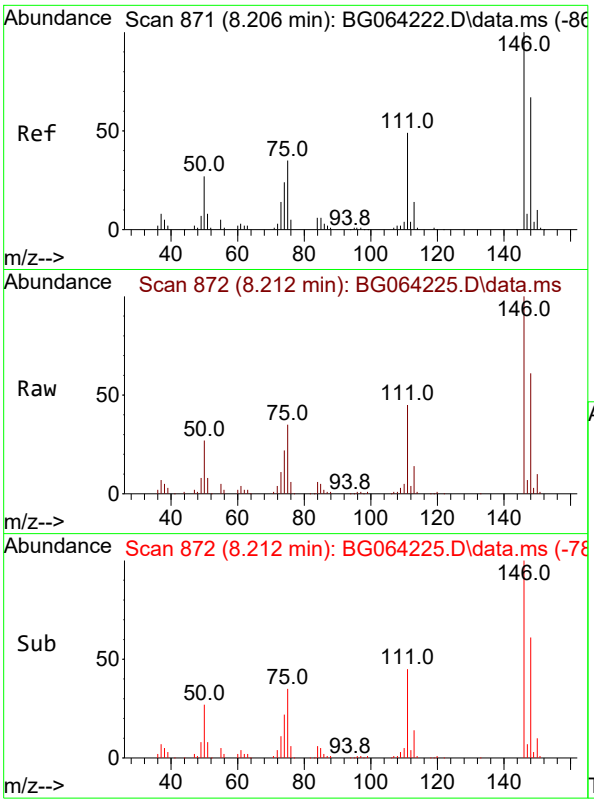


#13
1,4-Dichlorobenzene
Concen: 76.475 ng
RT: 7.894 min Scan# 818
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:146 Resp: 175825

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.8	79.2
111	44.7	34.1	51.1

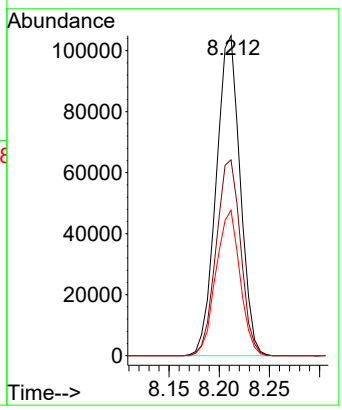




#14
1,2-Dichlorobenzene
Concen: 78.562 ng
RT: 8.212 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:146 Resp: 17432

Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.4	80.0
111	45.5	39.1	58.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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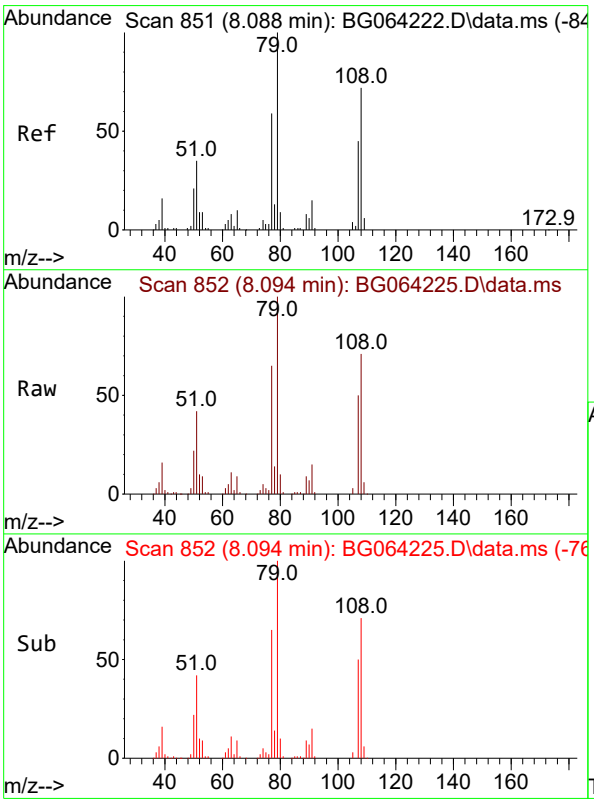
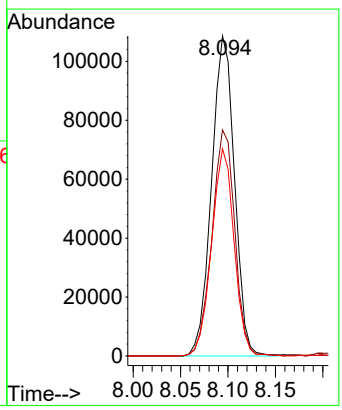
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

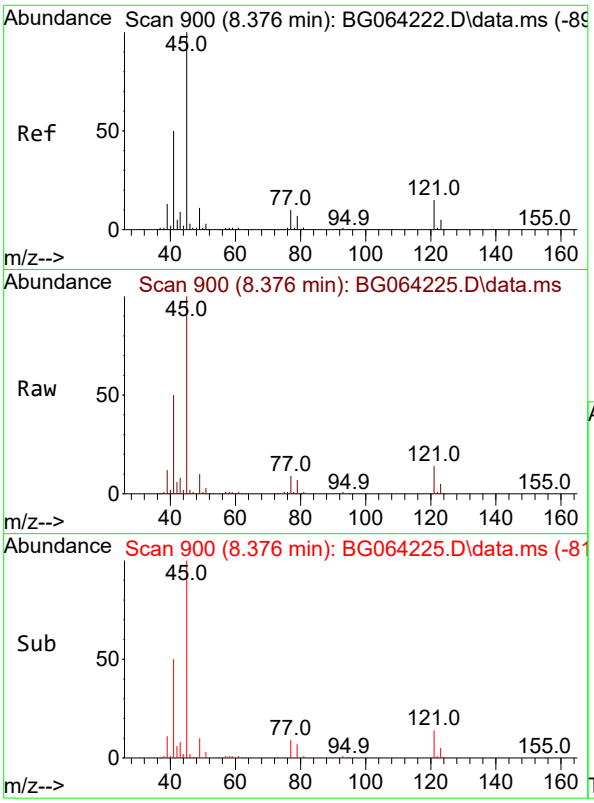


#15
Benzyl Alcohol
Concen: 82.109 ng
RT: 8.094 min Scan# 852
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 79 Resp: 182418

Ion	Ratio	Lower	Upper
79	100		
108	70.6	57.4	86.0
77	64.8	47.2	70.8

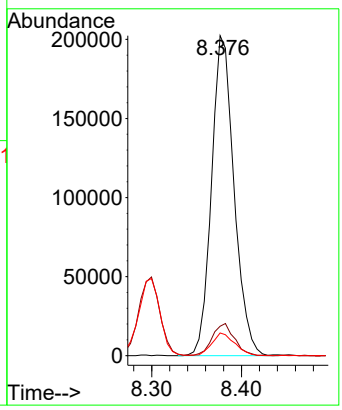




#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.403 ng
RT: 8.376 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 45 Resp: 35247(

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	7.1	0.0	27.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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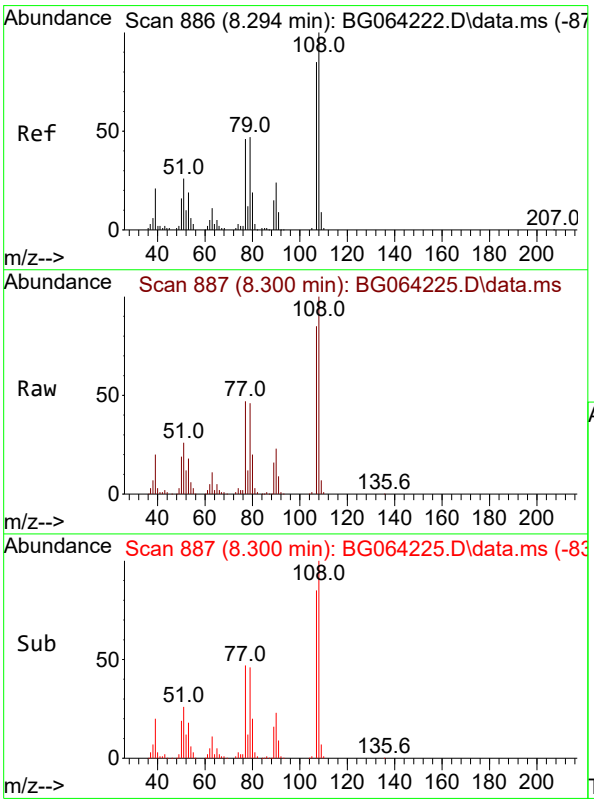
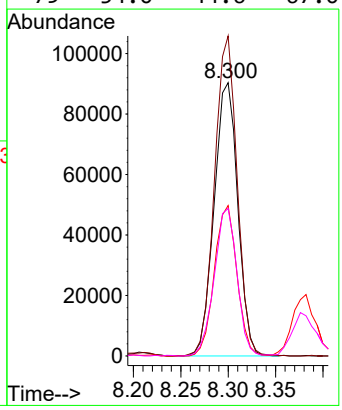
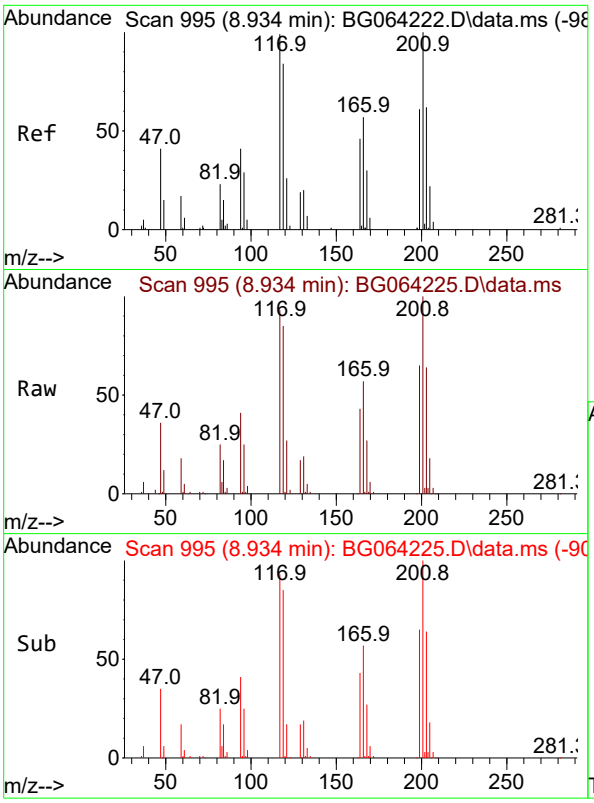


#17
2-Methylphenol
Concen: 79.212 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:107 Resp: 156695

Ion	Ratio	Lower	Upper
107	100		
108	117.1	94.6	141.8
77	55.0	43.7	65.5
79	54.0	44.6	67.0





#18
Hexachloroethane
Concen: 79.402 ng
RT: 8.934 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 7126

Ion	Ratio	Lower	Upper
117	100		
119	91.2	67.9	101.9
201	107.0	80.5	120.7

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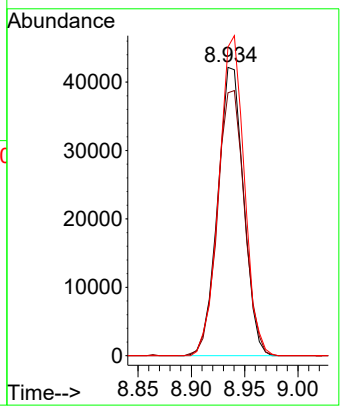
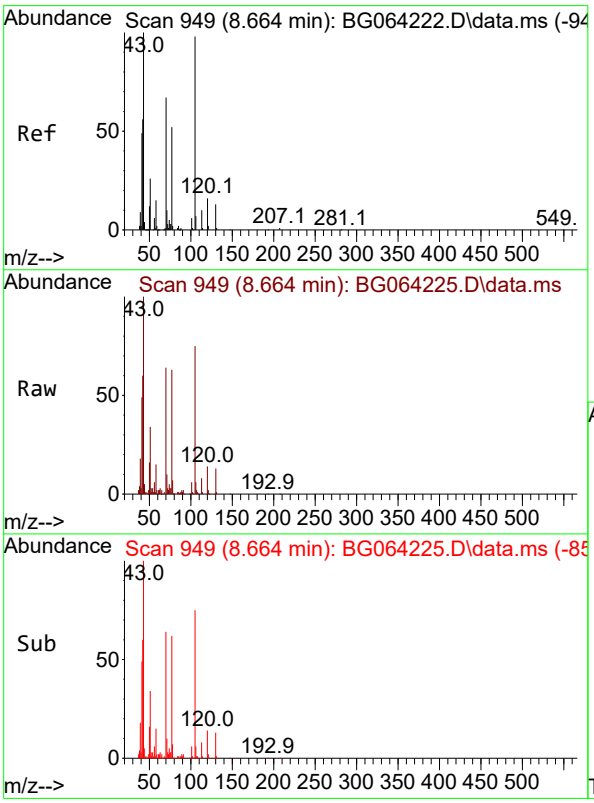
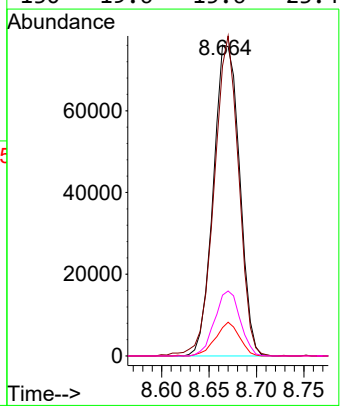


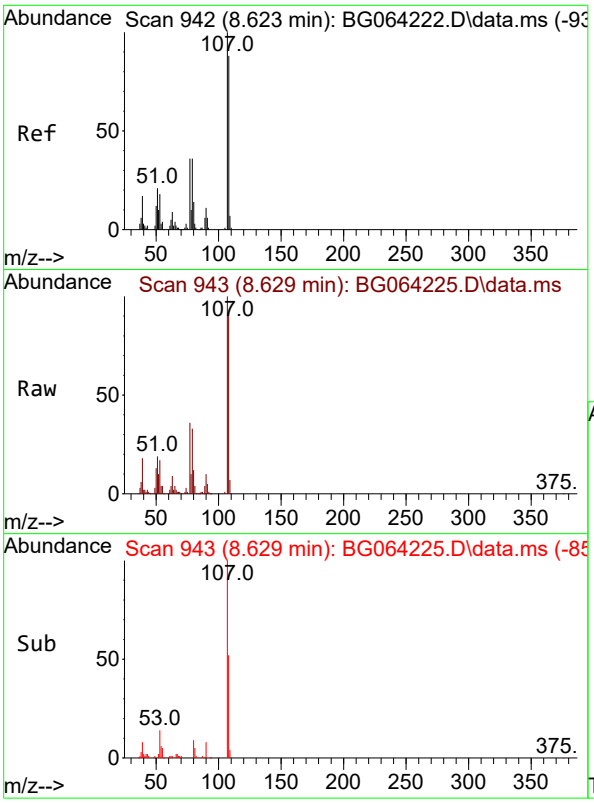


#19
n-Nitroso-di-n-propylamine
Concen: 79.439 ng
RT: 8.664 min Scan# 949
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 70 Resp: 146366

Ion	Ratio	Lower	Upper
70	100		
42	93.3	67.9	101.9
101	9.1	7.3	10.9
130	19.6	15.6	23.4

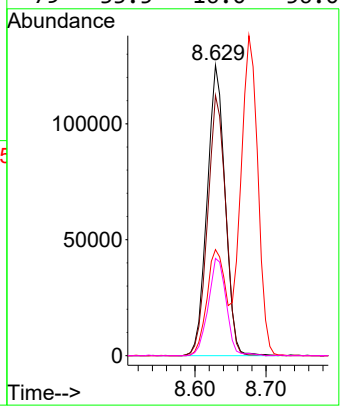




#20
3+4-Methylphenols
Concen: 80.195 ng
RT: 8.629 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:107 Resp: 22042

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.1	108.1
77	36.5	15.9	55.9
79	33.5	16.0	56.0



Instrument :
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ClientSampleId :
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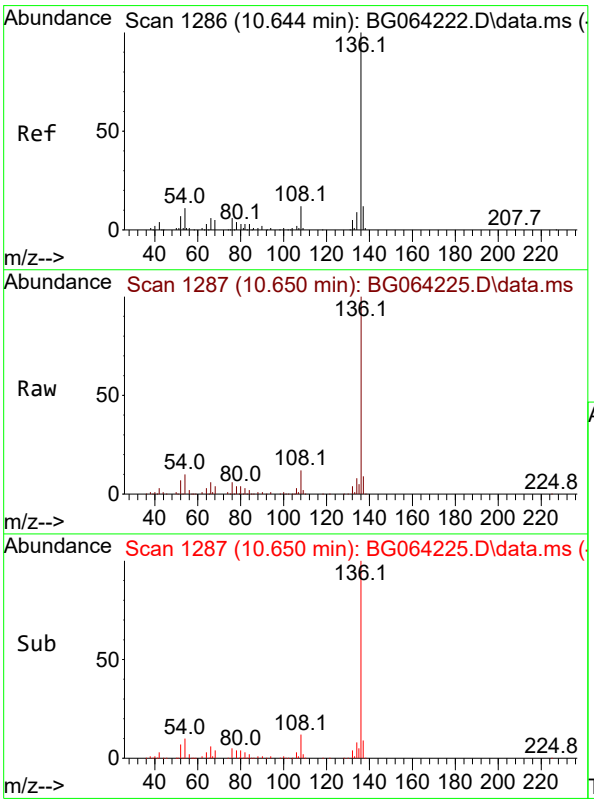
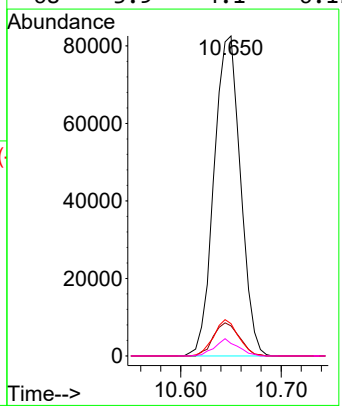
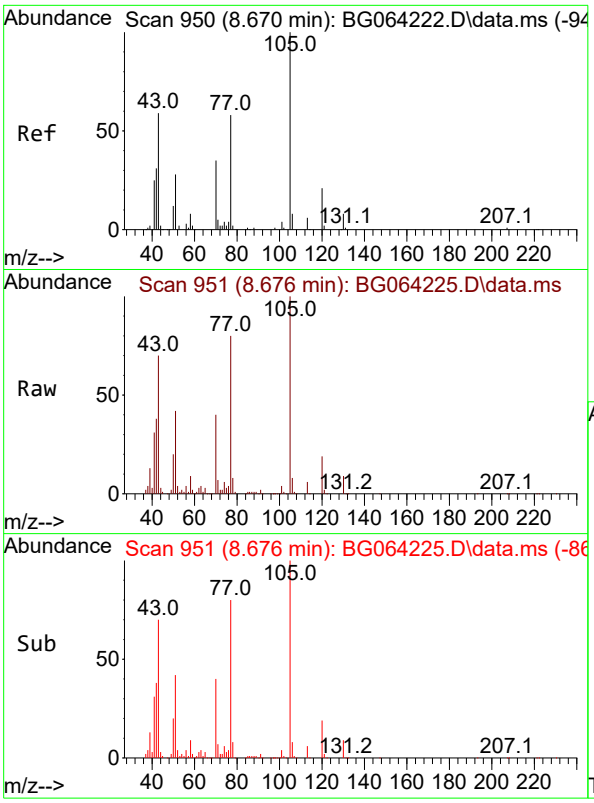


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:136 Resp: 150999

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.6	14.4#
54	10.1	8.8	13.2
68	3.9	4.1	6.1#

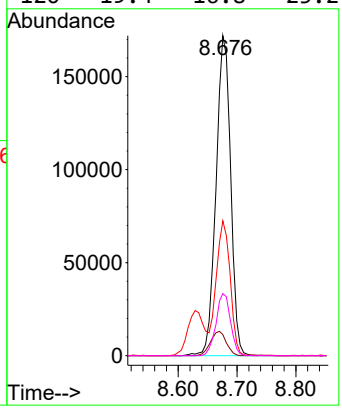




#22
Acetophenone
Concen: 77.746 ng
RT: 8.676 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:105 Resp: 29700

Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.3	6.5
51	42.1	32.4	48.6
120	19.4	16.8	25.2



Instrument :
BNA_G
ClientSampleId :
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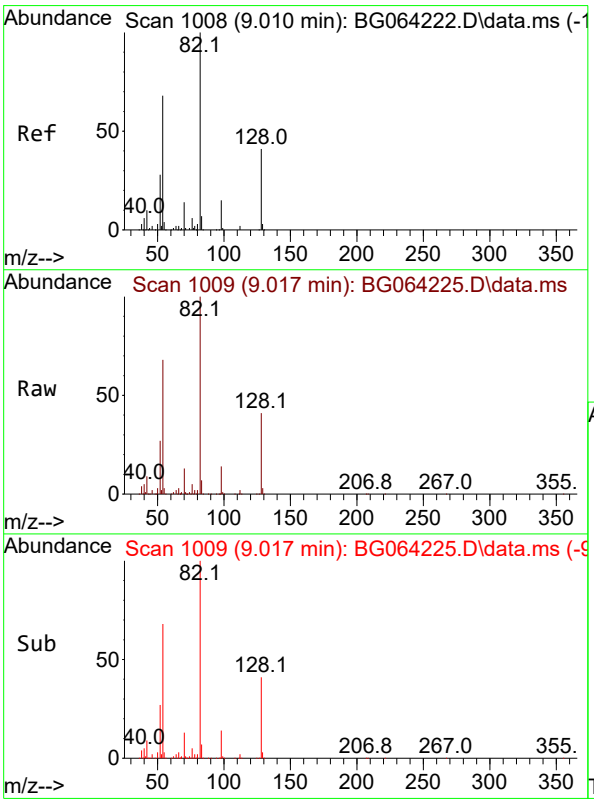
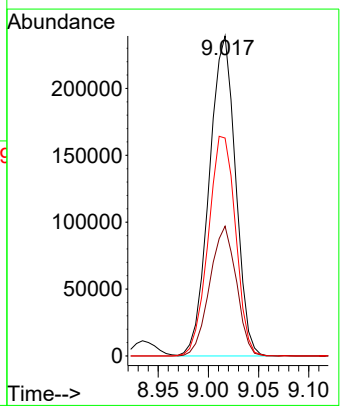
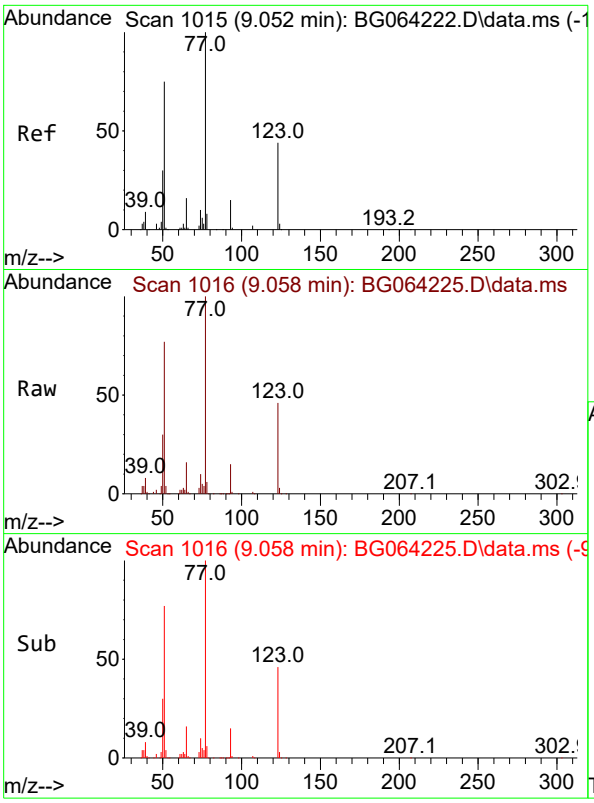


#23
Nitrobenzene-d5
Concen: 160.831 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 82 Resp: 435451

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	68.1	54.7	82.1





#24
Nitrobenzene
Concen: 80.047 ng
RT: 9.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 22644

Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.2	52.8
65	15.8	12.6	19.0

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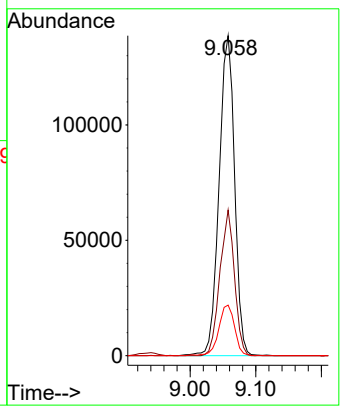
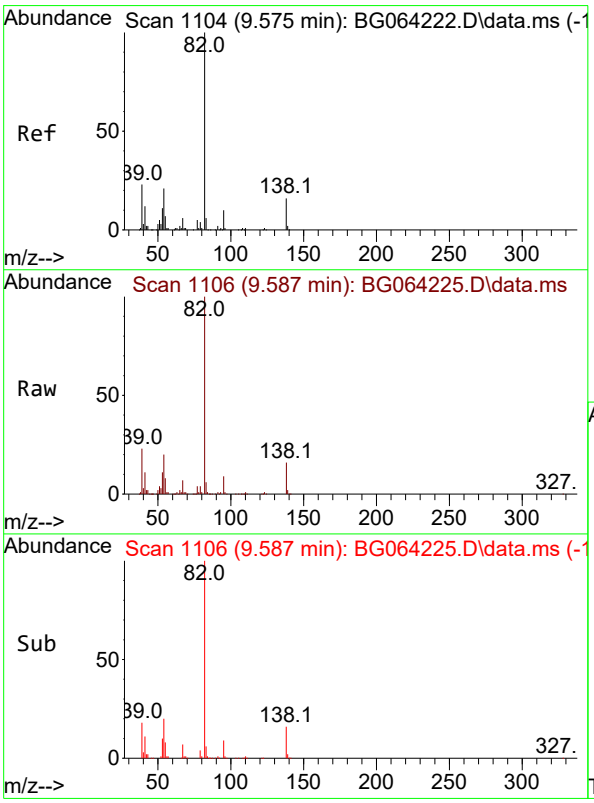
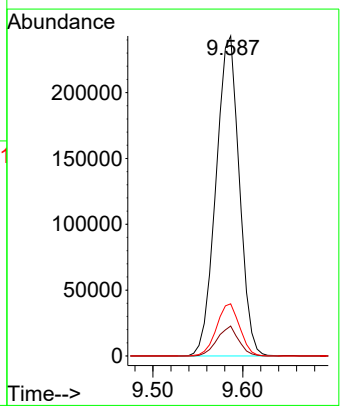


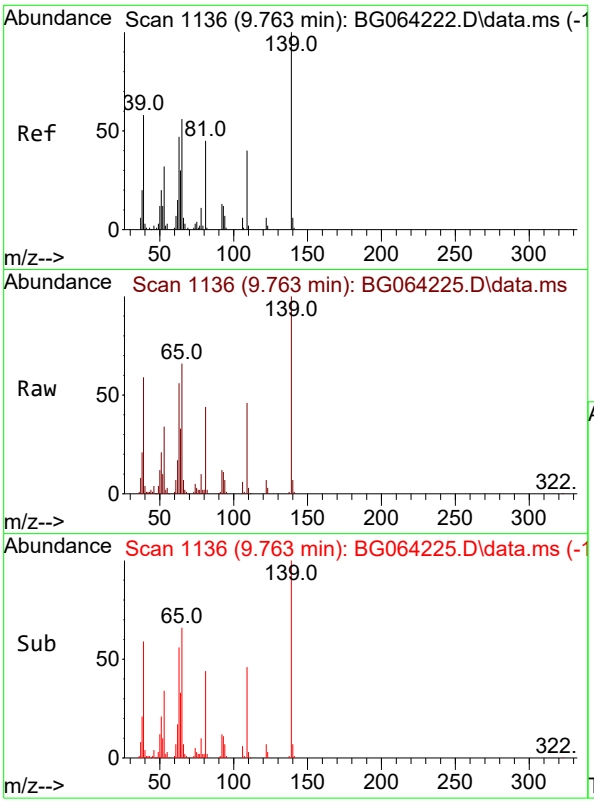


#25
Isophorone
Concen: 77.734 ng
RT: 9.587 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 82 Resp: 437415

Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.9	11.9
138	16.3	13.0	19.4





#26
2-Nitrophenol
Concen: 84.539 ng
RT: 9.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:139 Resp: 10333

Ion	Ratio	Lower	Upper
139	100		
109	45.8	32.4	48.6
65	66.1	44.6	67.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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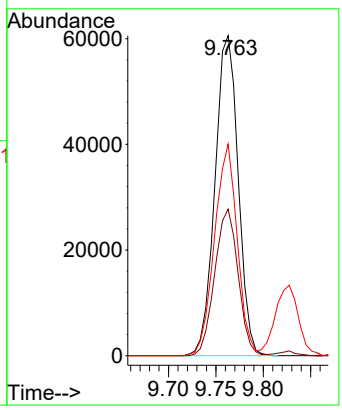
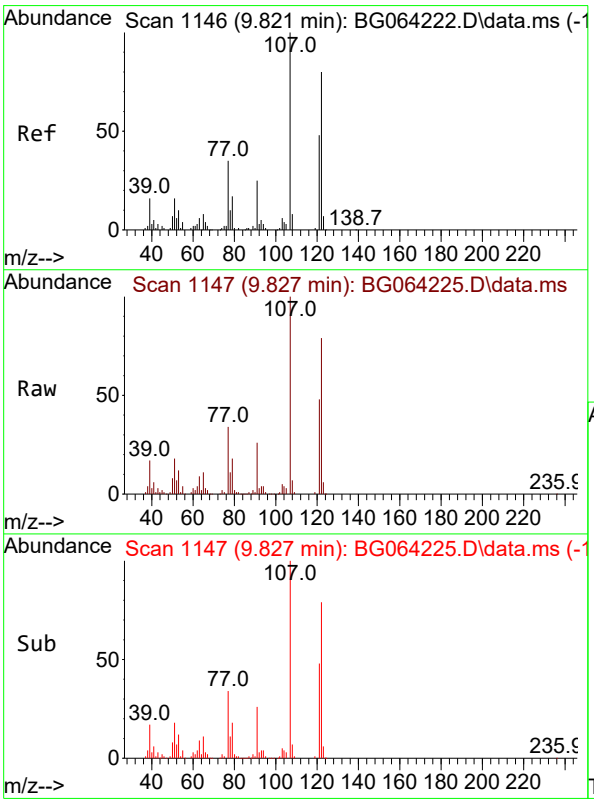
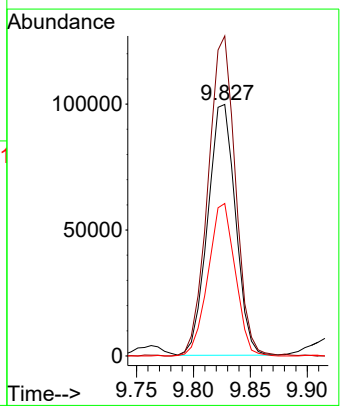


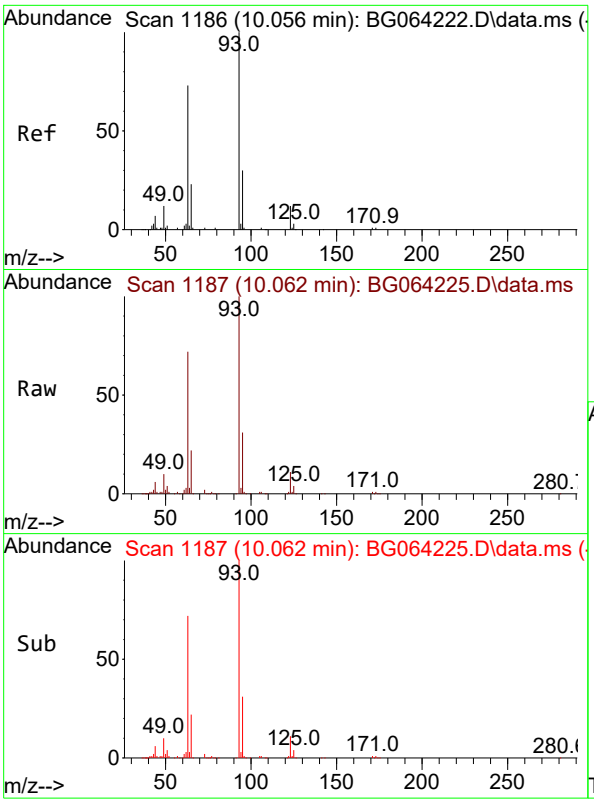


#27
2,4-Dimethylphenol
Concen: 78.649 ng
RT: 9.827 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:122 Resp: 168782

Ion	Ratio	Lower	Upper
122	100		
107	127.3	99.9	149.9
121	60.7	48.6	72.8





#28
bis(2-Chloroethoxy)methane
Concen: 77.887 ng
RT: 10.062 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 93 Resp: 23632

Ion	Ratio	Lower	Upper
93	100		
95	31.4	23.9	35.9
123	11.3	9.6	14.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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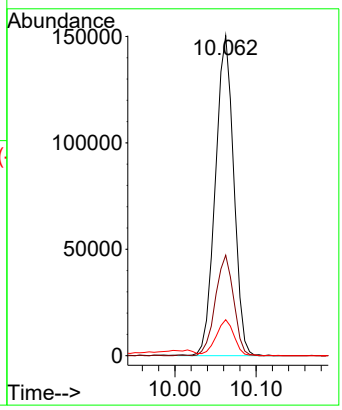
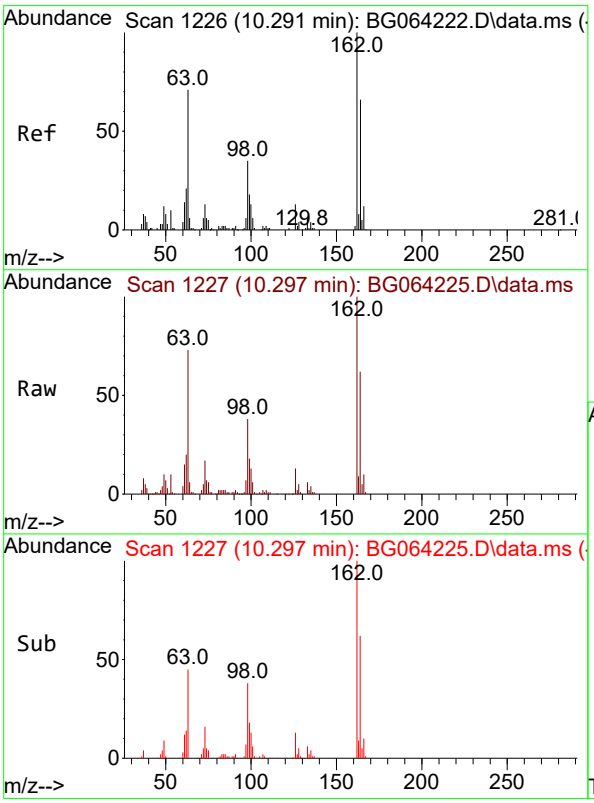
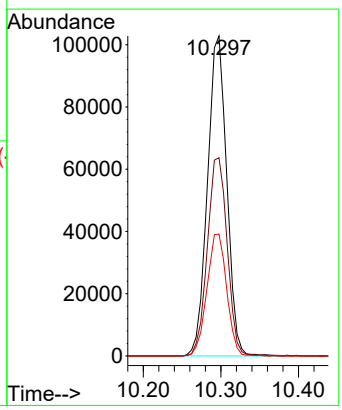


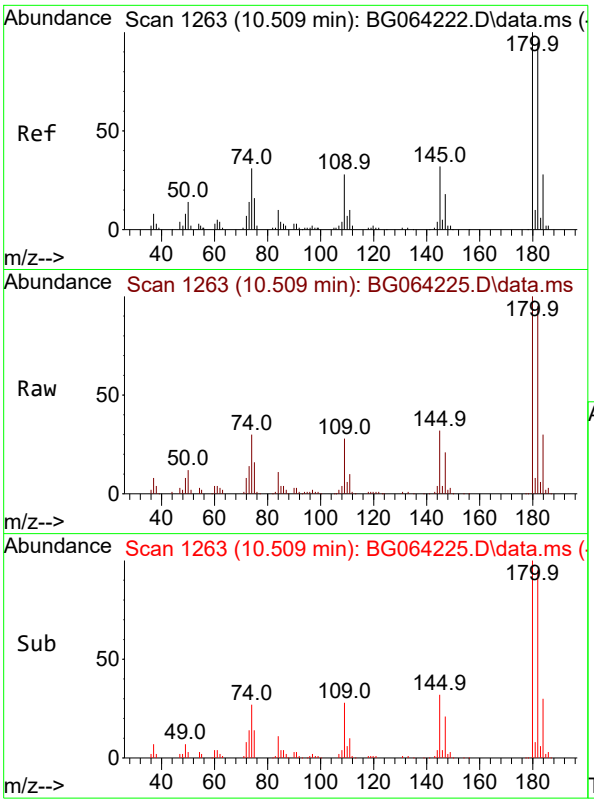


#29
2,4-Dichlorophenol
Concen: 78.397 ng
RT: 10.297 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:162 Resp: 177516

Ion	Ratio	Lower	Upper
162	100		
164	61.9	45.8	85.8
98	38.1	15.2	55.2

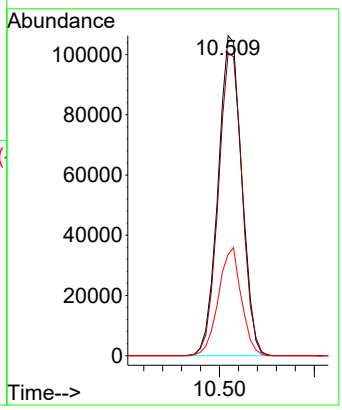




#30
1,2,4-Trichlorobenzene
Concen: 77.085 ng
RT: 10.509 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:180 Resp: 18403

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	31.6	25.4	38.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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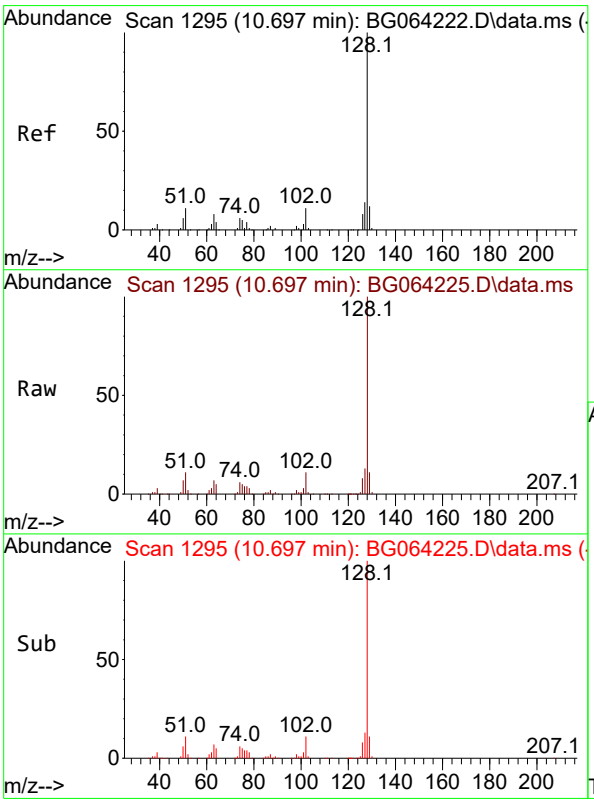
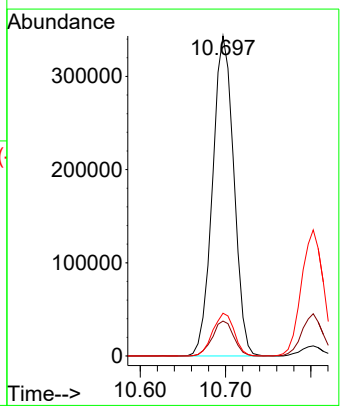
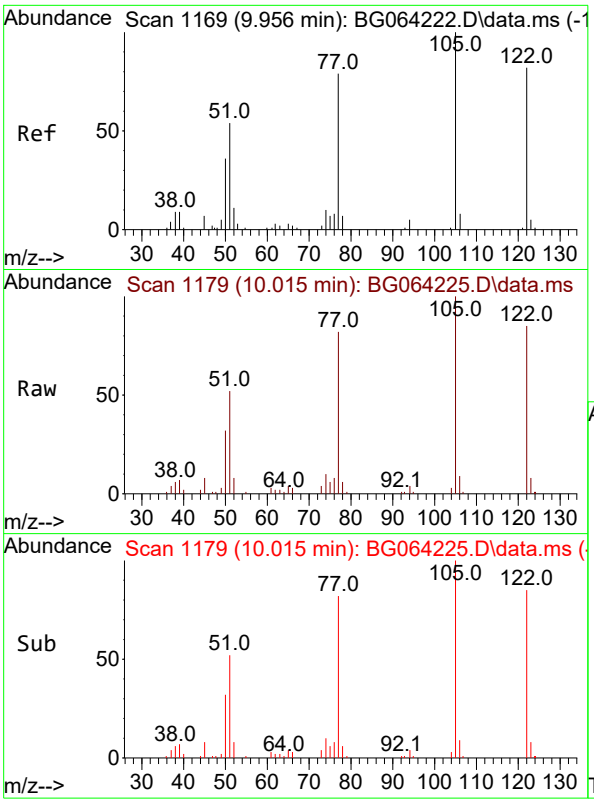


#31
Naphthalene
Concen: 76.094 ng
RT: 10.697 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 595827

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.4	10.9	16.3

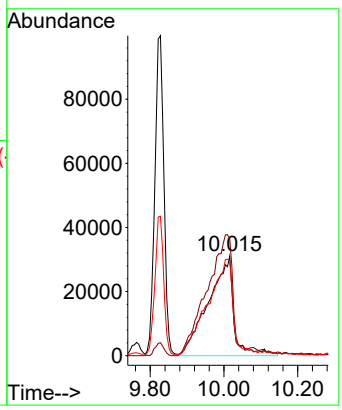




#32
Benzoic acid
Concen: 86.767 ng m
RT: 10.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:122 Resp: 14780

Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.5	138.5
77	95.6	74.6	114.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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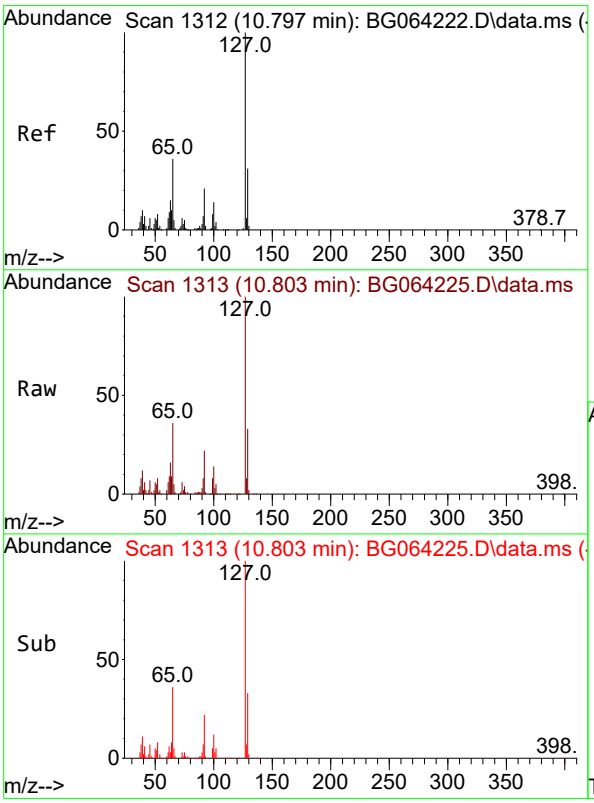
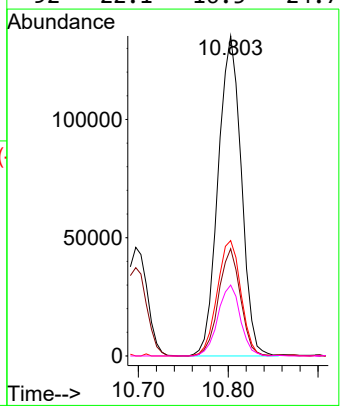
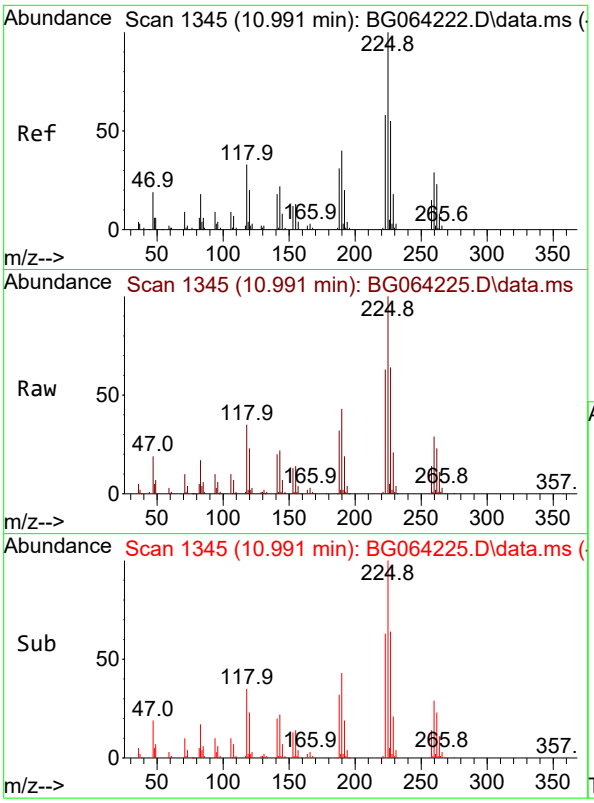


#33
4-Chloroaniline
Concen: 79.915 ng
RT: 10.803 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:127 Resp: 242526

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.0	37.4
65	36.1	28.7	43.1
92	22.1	16.5	24.7

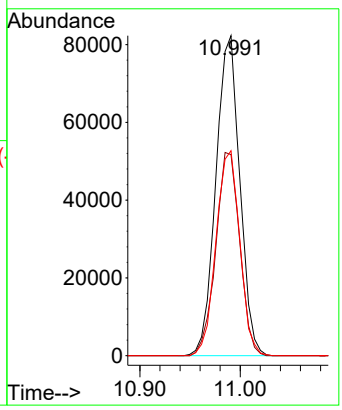




#34
Hexachlorobutadiene
Concen: 76.987 ng
RT: 10.991 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:225 Resp: 13586

Ion	Ratio	Lower	Upper
225	100		
223	62.9	46.5	69.7
227	64.0	44.1	66.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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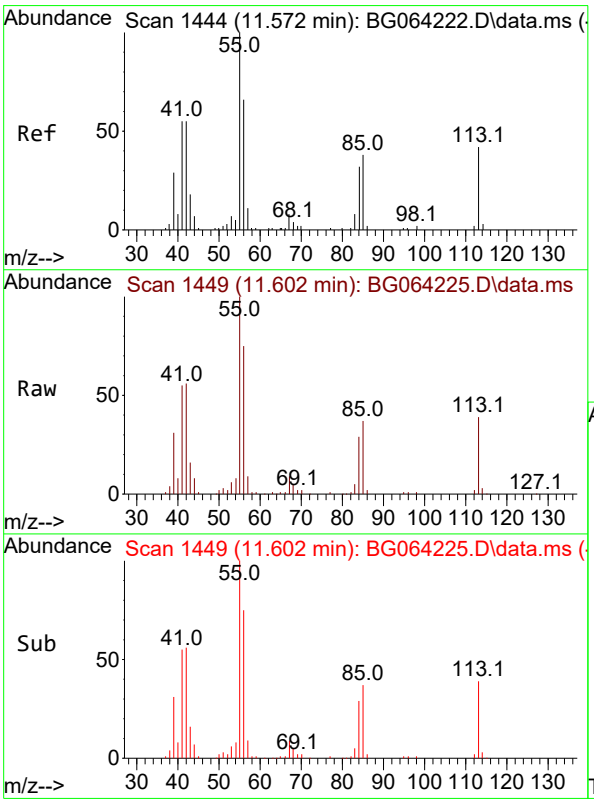
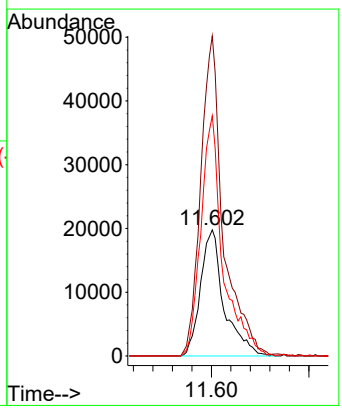
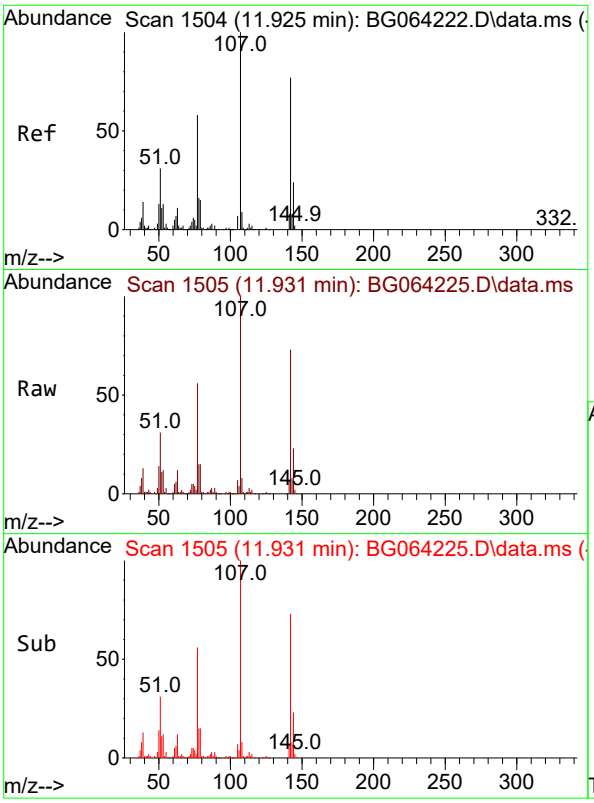


#35
Caprolactam
Concen: 75.695 ng
RT: 11.602 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:113 Resp: 66367

Ion	Ratio	Lower	Upper
113	100		
55	253.7	218.5	258.5
56	190.4	138.5	178.5#

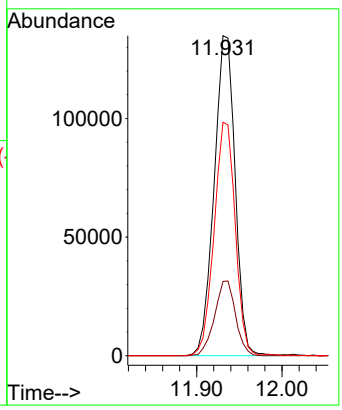




#36
4-Chloro-3-methylphenol
Concen: 78.708 ng
RT: 11.931 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:107 Resp: 23123

Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.5	29.3
142	73.0	62.0	93.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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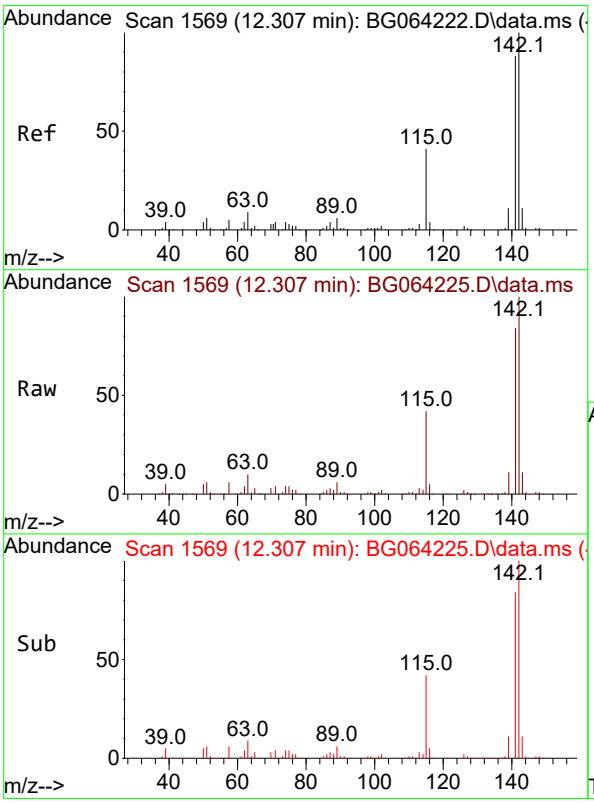
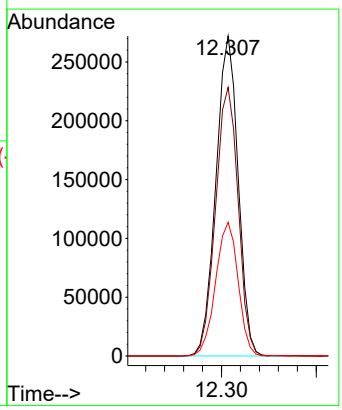
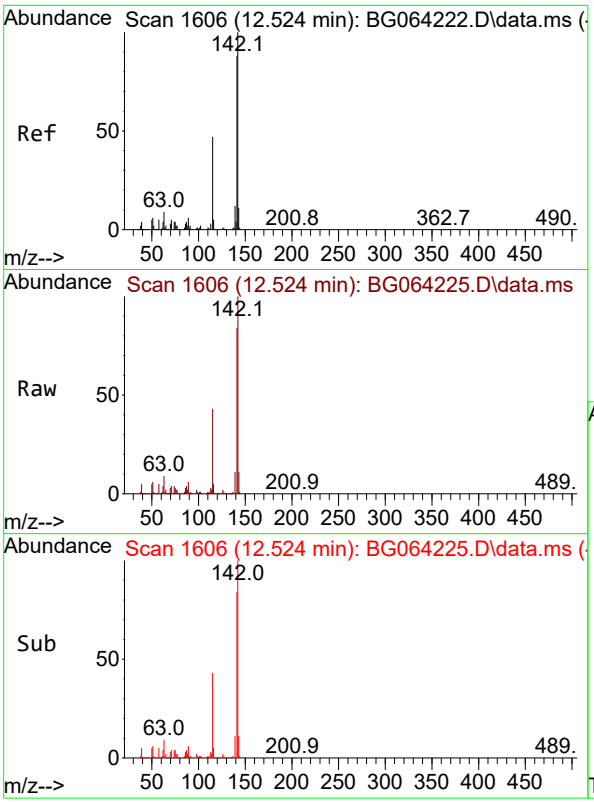


#37
2-Methylnaphthalene
Concen: 76.128 ng
RT: 12.307 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:142 Resp: 443073

Ion	Ratio	Lower	Upper
142	100		
141	84.0	70.1	105.1
115	41.8	33.1	49.7





#38
1-Methylnaphthalene
Concen: 75.825 ng
RT: 12.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:142 Resp: 43589

Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.3	105.5
116	4.8	3.7	5.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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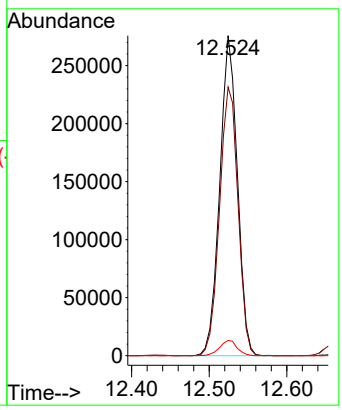
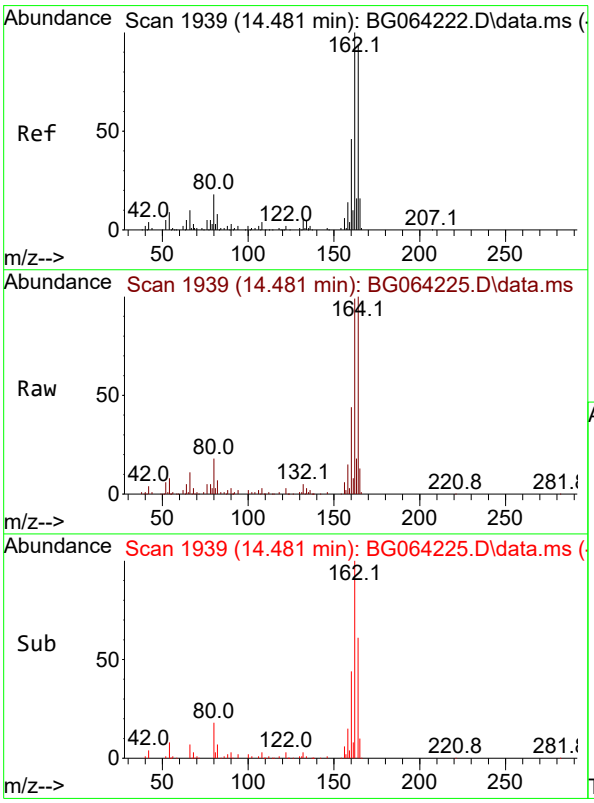
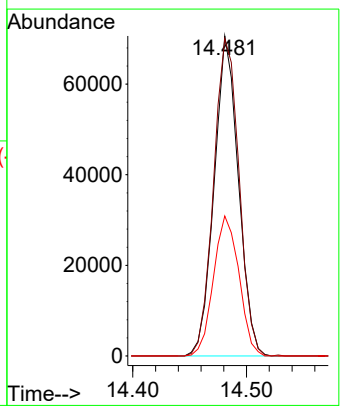


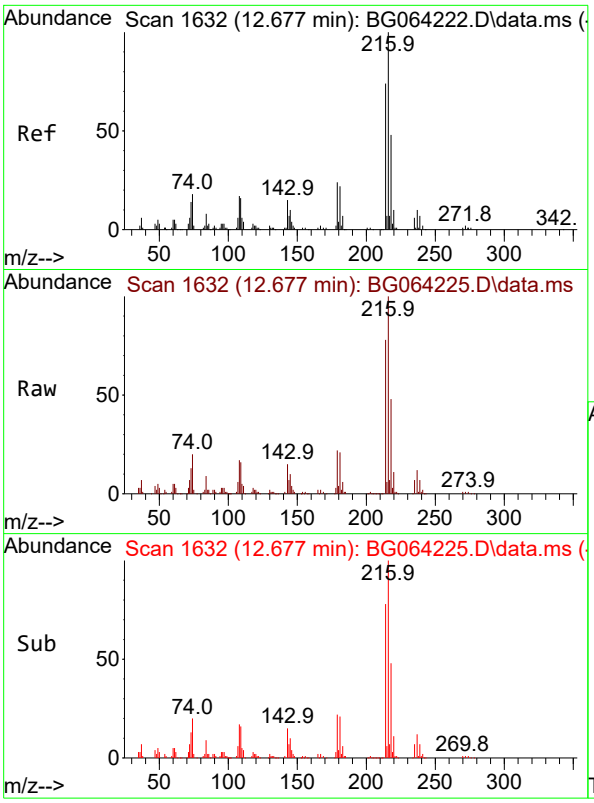


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:164 Resp: 104548

Ion	Ratio	Lower	Upper
164	100		
162	99.2	85.4	128.0
160	43.8	39.2	58.8

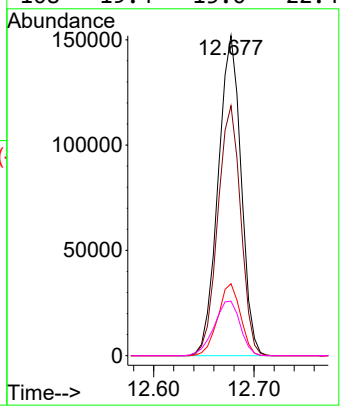




#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.906 ng
RT: 12.677 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:216 Resp: 24103

Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
179	22.1	17.9	26.9
108	19.4	15.0	22.4



Instrument :
BNA_G
ClientSampleId :
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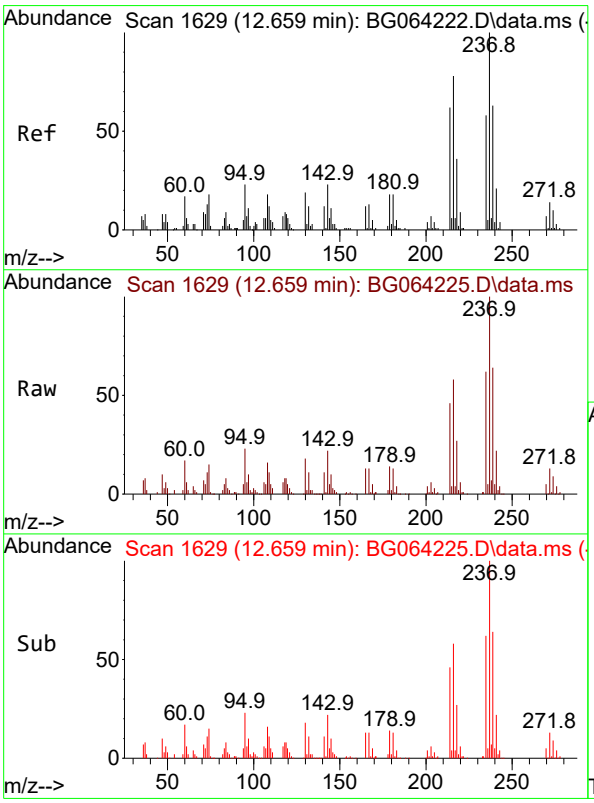
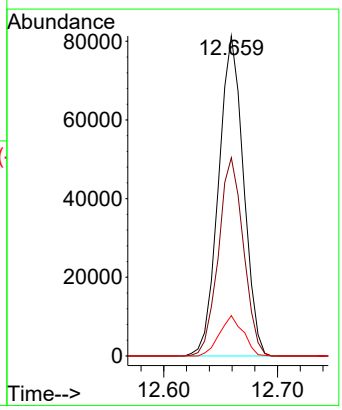
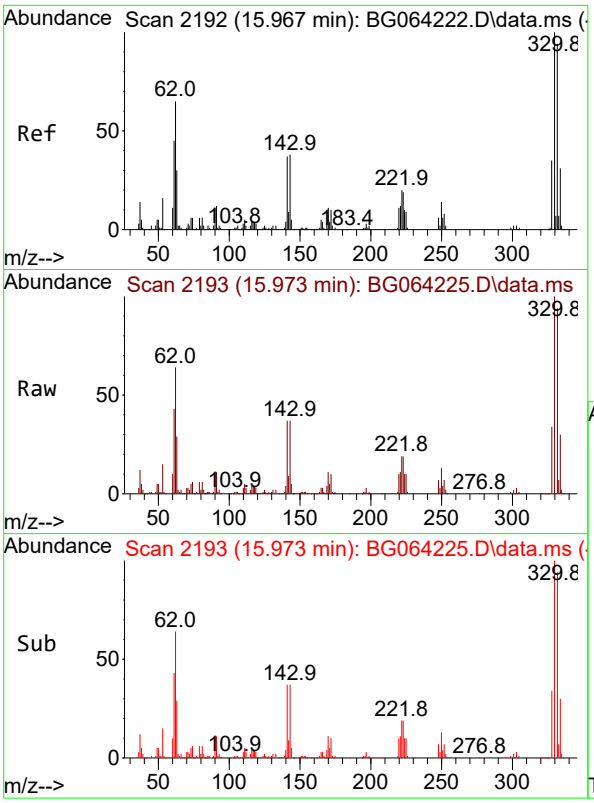


#41
Hexachlorocyclopentadiene
Concen: 86.438 ng
RT: 12.659 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:237 Resp: 123923

Ion	Ratio	Lower	Upper
237	100		
235	62.0	37.9	77.9
272	12.6	0.0	33.8

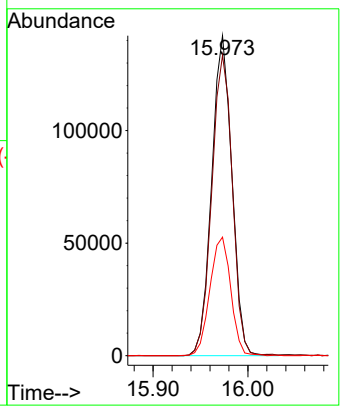




#42
2,4,6-Tribromophenol
Concen: 152.168 ng
RT: 15.973 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:330 Resp: 21072

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	38.3	29.8	44.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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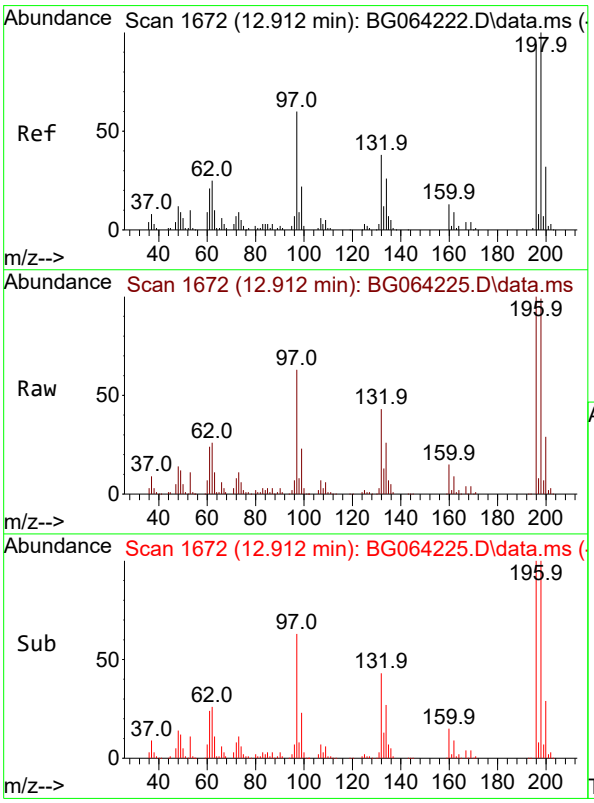
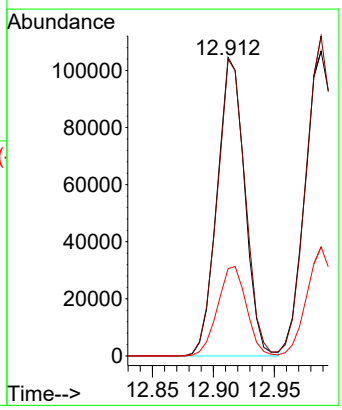
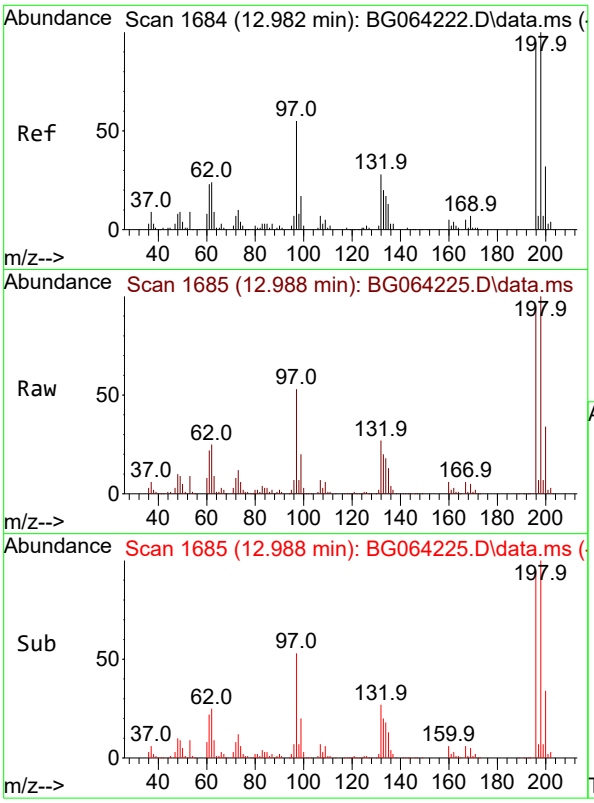


#43
2,4,6-Trichlorophenol
Concen: 81.670 ng
RT: 12.912 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:196 Resp: 164665

Ion	Ratio	Lower	Upper
196	100		
198	99.4	85.4	128.2
200	29.2	27.3	40.9

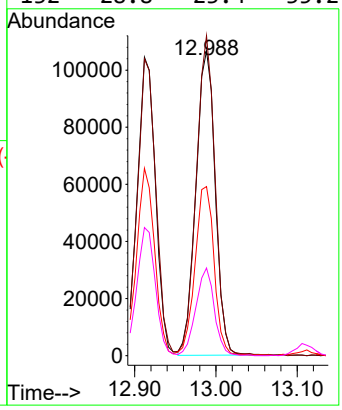




#44
2,4,5-Trichlorophenol
Concen: 80.969 ng
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:196 Resp: 17708

Ion	Ratio	Lower	Upper
196	100		
198	105.0	84.5	126.7
97	55.5	46.8	70.2
132	28.8	23.4	35.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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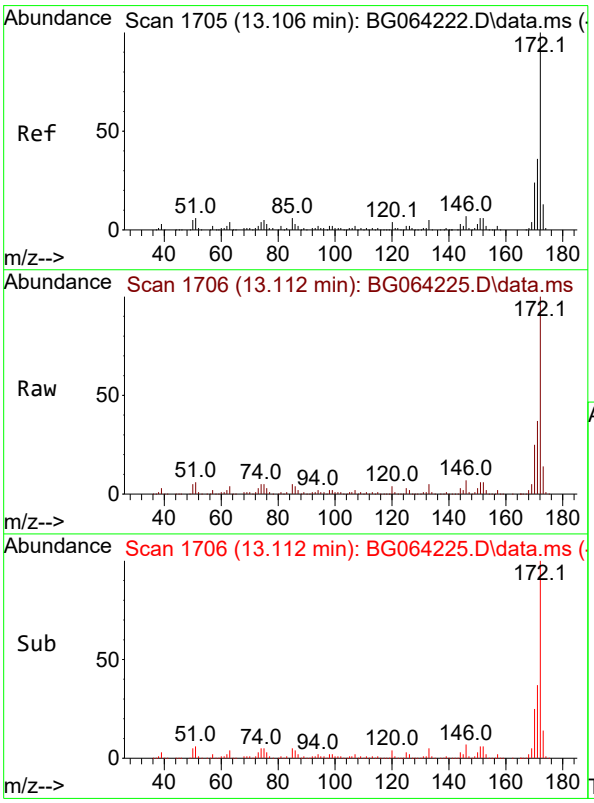
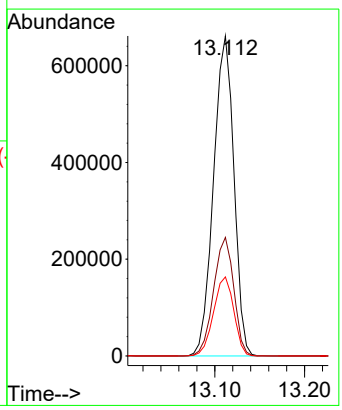
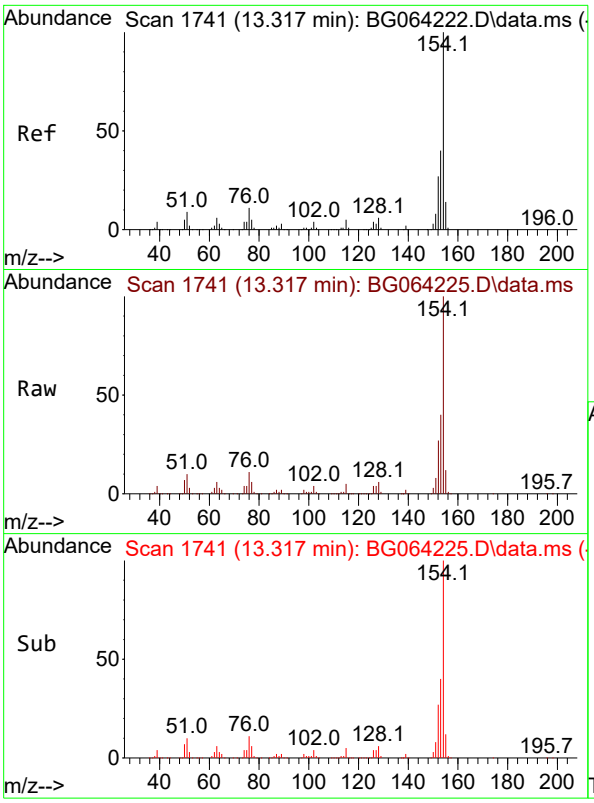


#45
2-Fluorobiphenyl
Concen: 151.875 ng
RT: 13.112 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:172 Resp: 1040275

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	24.7	19.0	28.6

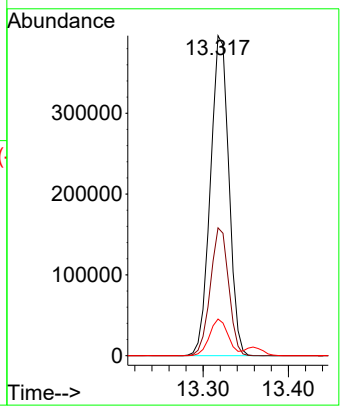




#46
1,1'-Biphenyl
Concen: 78.203 ng
RT: 13.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:154 Resp: 59549

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.9	59.9
76	11.4	0.0	30.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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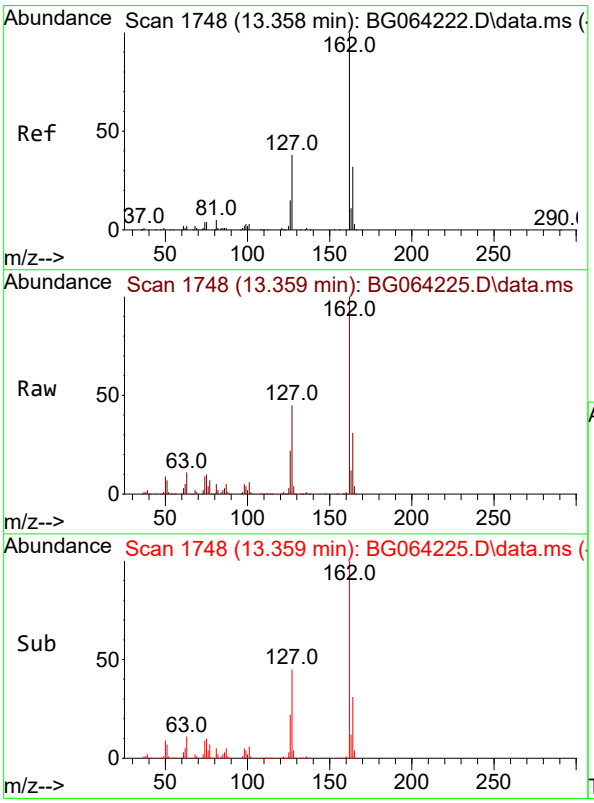
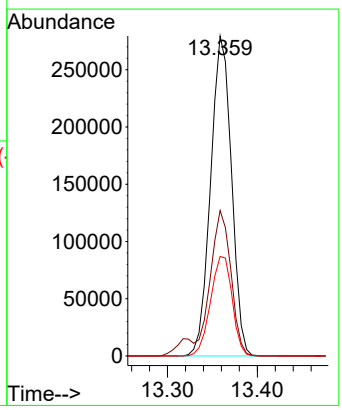
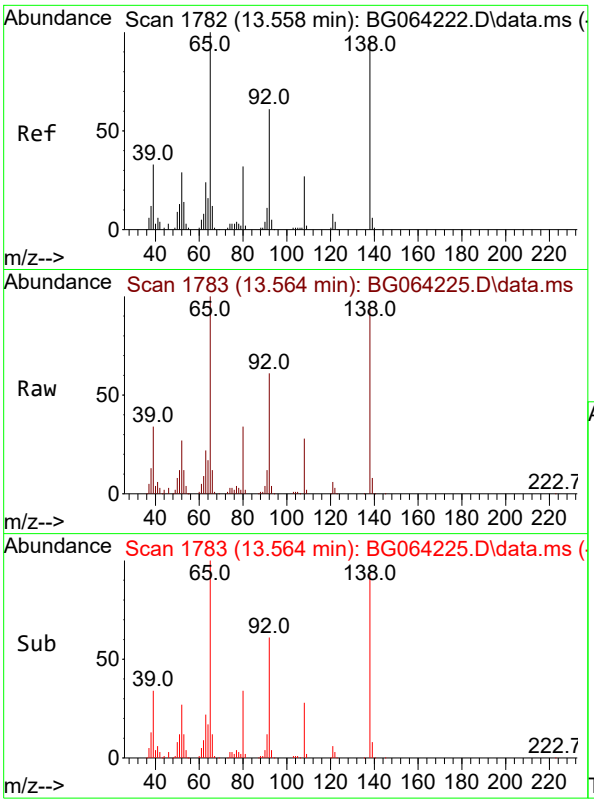


#47
2-Chloronaphthalene
Concen: 78.784 ng
RT: 13.359 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:162 Resp: 451011

Ion	Ratio	Lower	Upper
162	100		
127	45.5	33.9	50.9
164	31.1	25.4	38.2

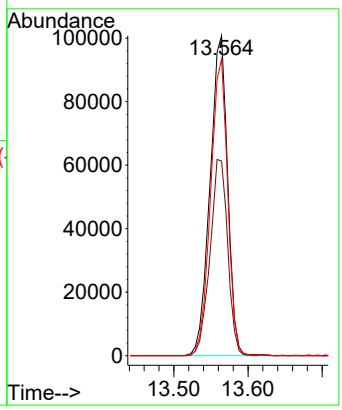




#48
2-Nitroaniline
Concen: 85.067 ng
RT: 13.564 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 65 Resp: 16598

Ion	Ratio	Lower	Upper
65	100		
92	60.8	49.2	73.8
138	92.6	76.8	115.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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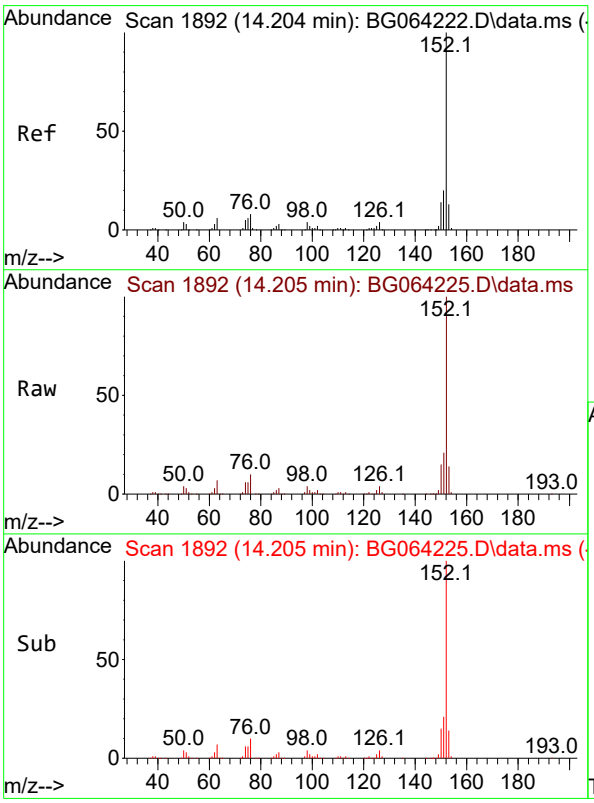
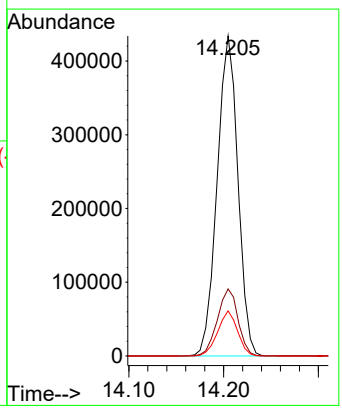
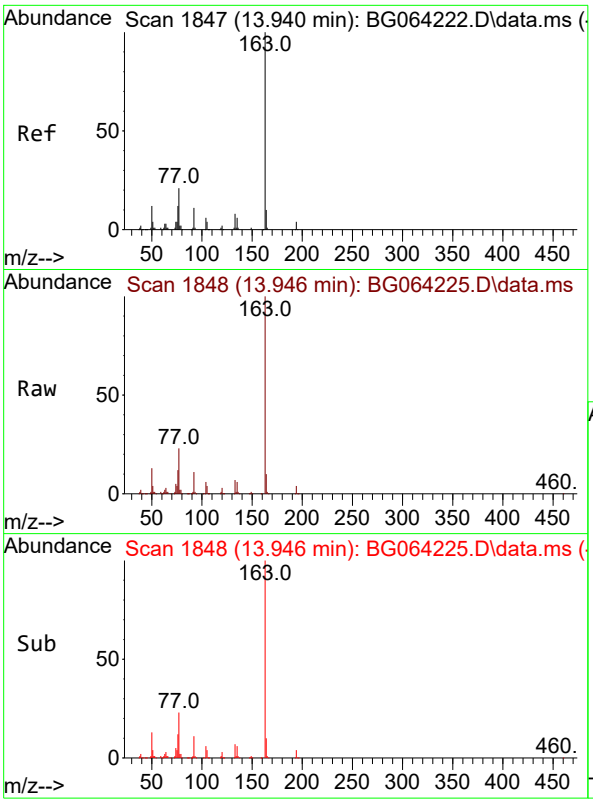


#49
Acenaphthylene
Concen: 78.084 ng
RT: 14.205 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:152 Resp: 660780

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	14.1	10.1	15.1





#50
Dimethylphthalate
Concen: 74.892 ng
RT: 13.946 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:163 Resp: 59265

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	7.9	11.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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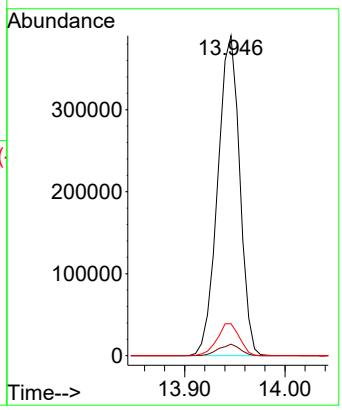
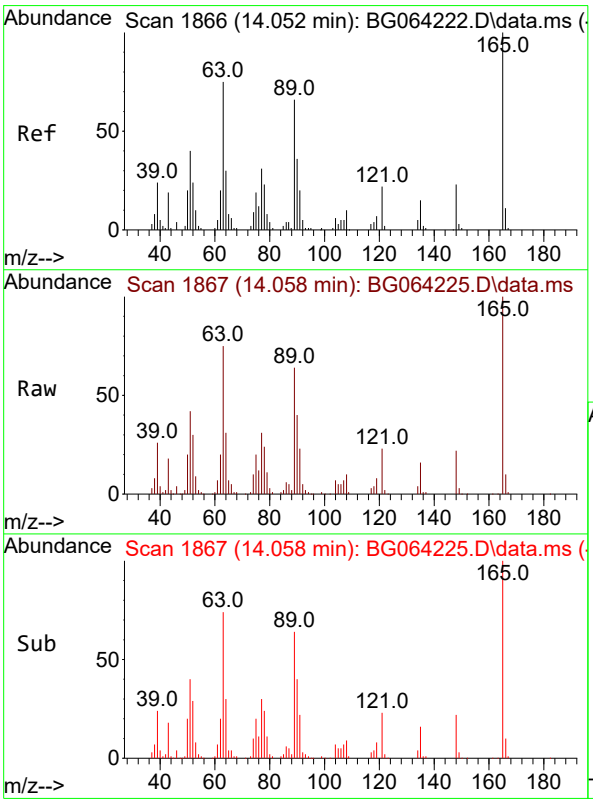
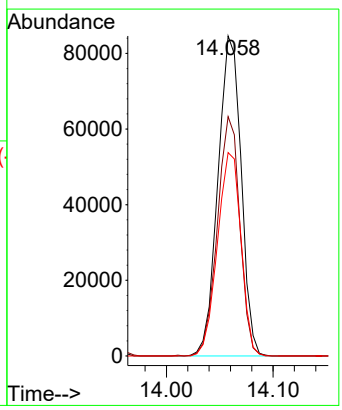


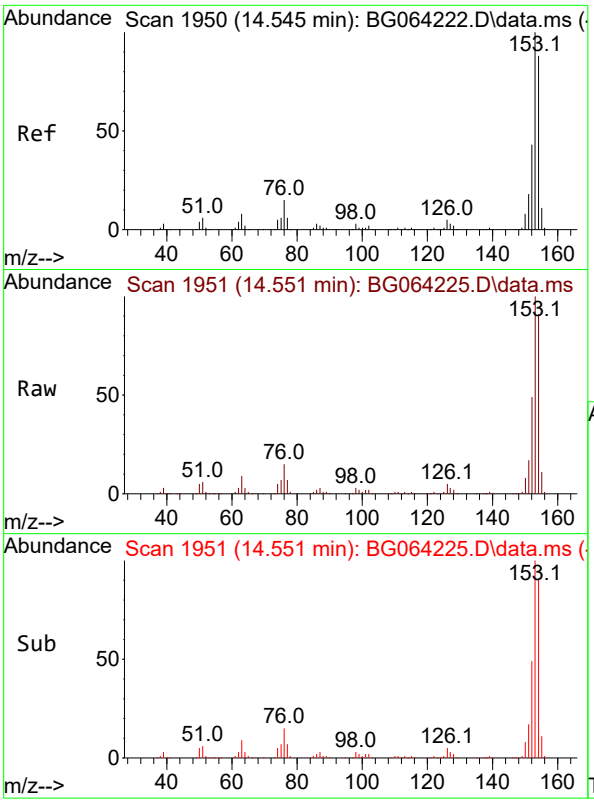


#51
2,6-Dinitrotoluene
Concen: 83.231 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:165 Resp: 127509

Ion	Ratio	Lower	Upper
165	100		
63	74.8	60.3	90.5
89	63.5	52.9	79.3

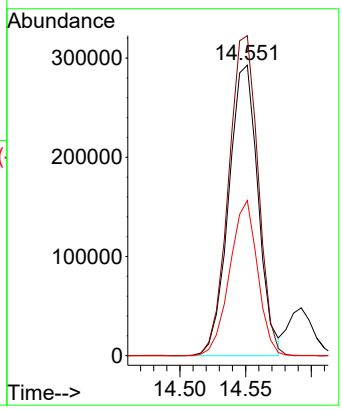




#52
Acenaphthene
Concen: 76.655 ng
RT: 14.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:154 Resp: 45778

Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.1	136.7
152	53.4	39.6	59.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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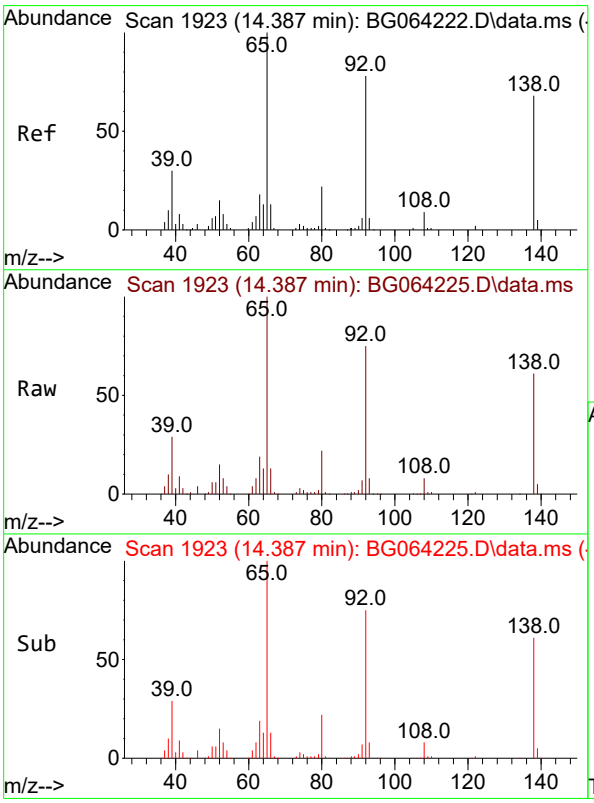
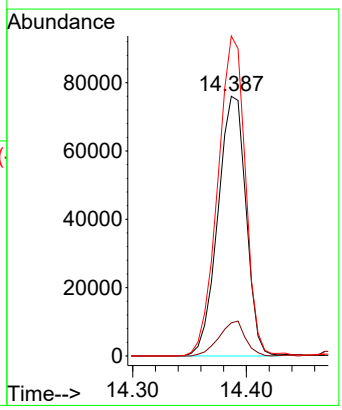
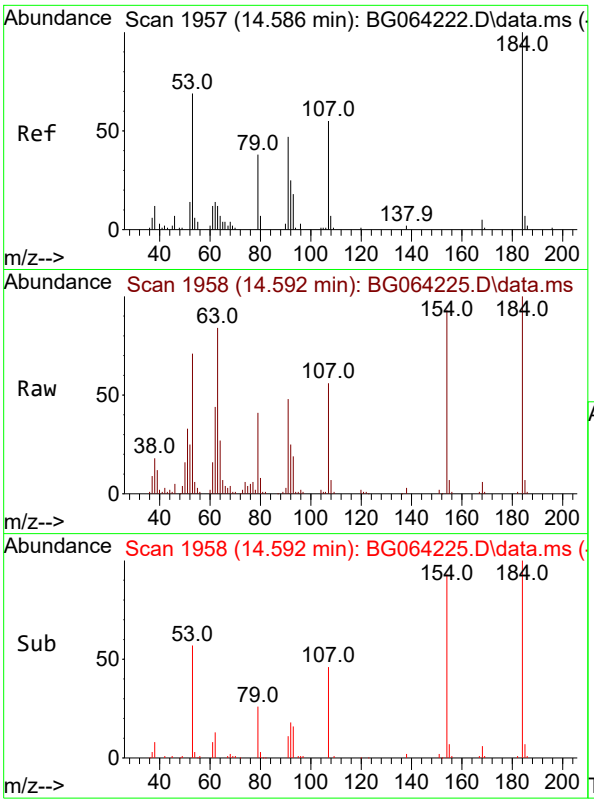


#53
3-Nitroaniline
Concen: 81.316 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:138 Resp: 130491

Ion	Ratio	Lower	Upper
138	100		
108	12.8	11.0	16.6
92	123.2	91.4	137.0





#54
2,4-Dinitrophenol
Concen: 79.247 ng
RT: 14.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:184 Resp: 7926

Ion	Ratio	Lower	Upper
184	100		
63	83.8	60.1	90.1
154	93.2	59.8	89.8

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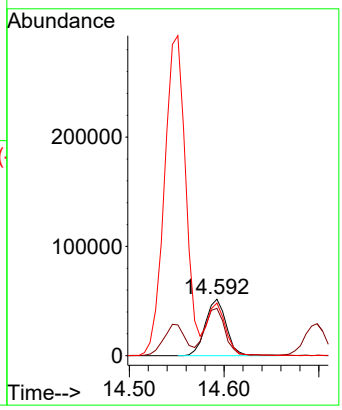
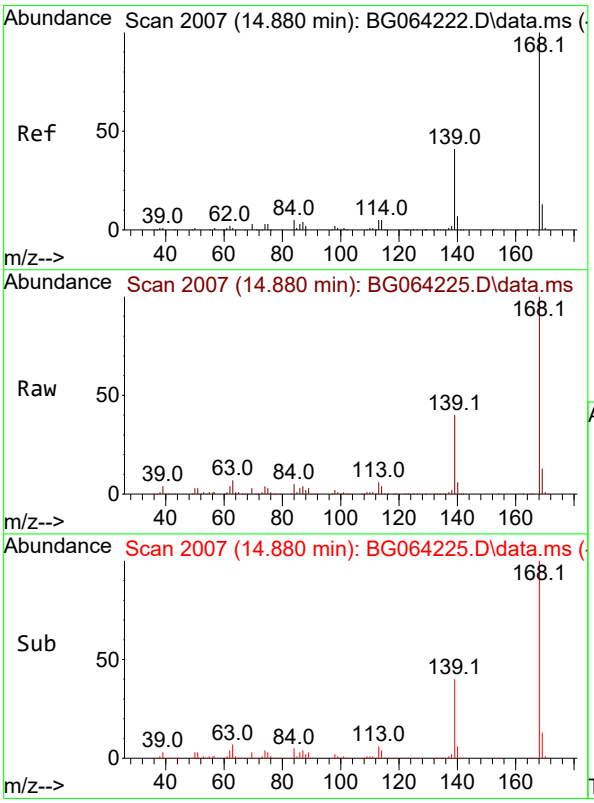
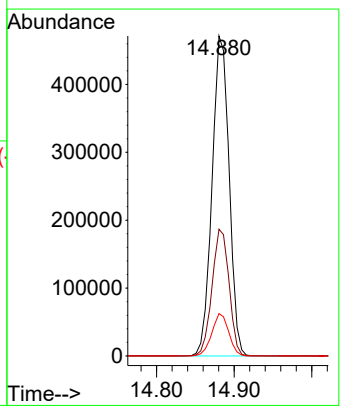


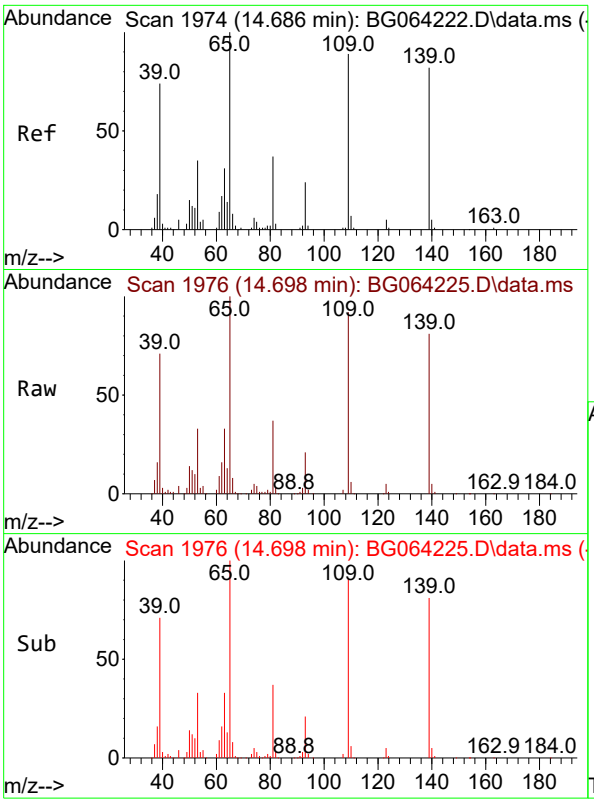


#55
Dibenzofuran
Concen: 76.654 ng
RT: 14.880 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:168 Resp: 720048

Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.2	49.8
169	13.2	10.4	15.6

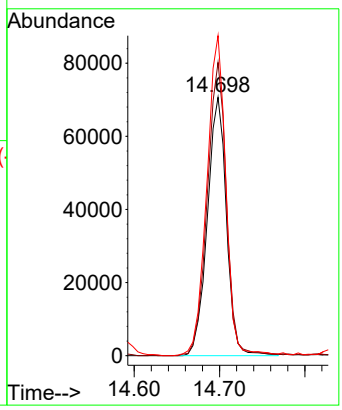




#56
4-Nitrophenol
Concen: 83.646 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:139 Resp: 11010

Ion	Ratio	Lower	Upper
139	100		
109	113.5	89.1	129.1
65	123.8	102.9	142.9



Instrument :
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ClientSampleId :
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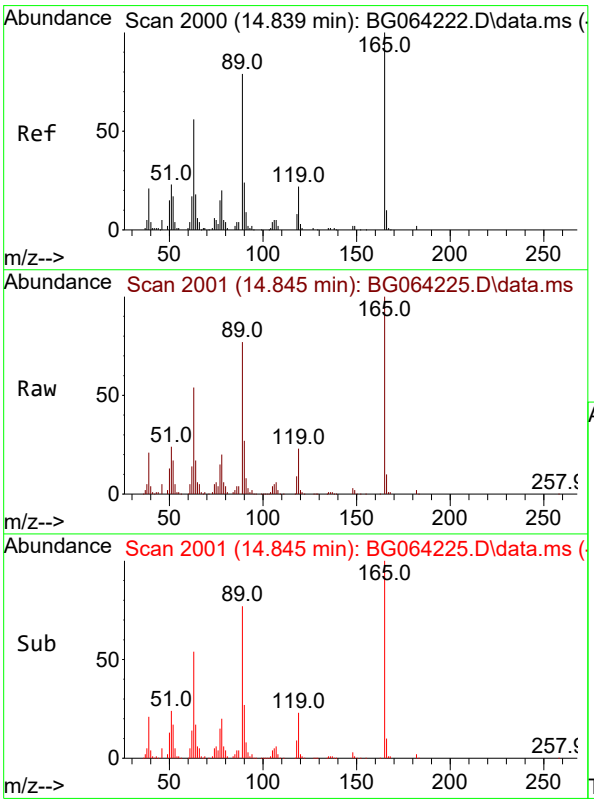
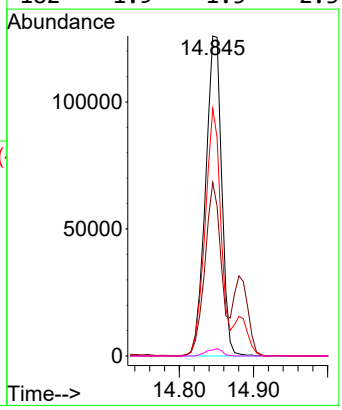
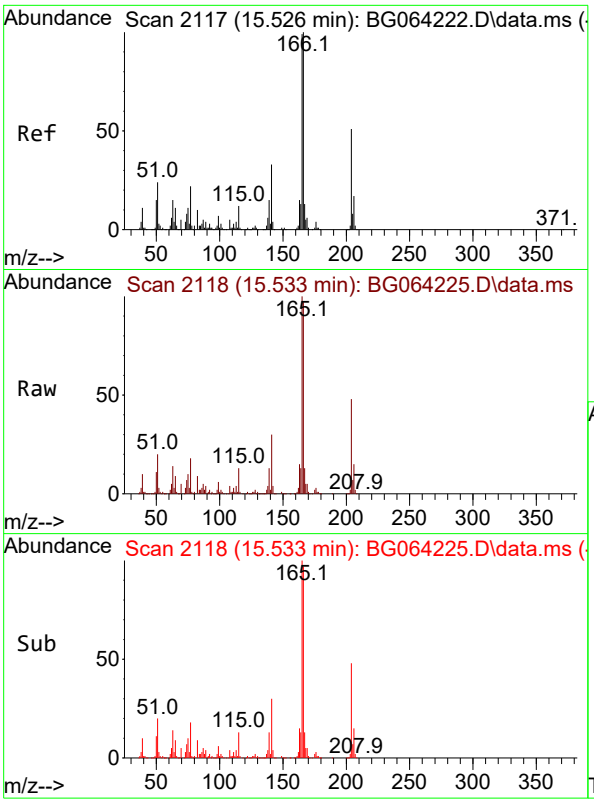


#57
2,4-Dinitrotoluene
Concen: 82.112 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:165 Resp: 190202

Ion	Ratio	Lower	Upper
165	100		
63	54.2	44.6	67.0
89	77.3	63.0	94.4
182	1.9	1.5	2.3

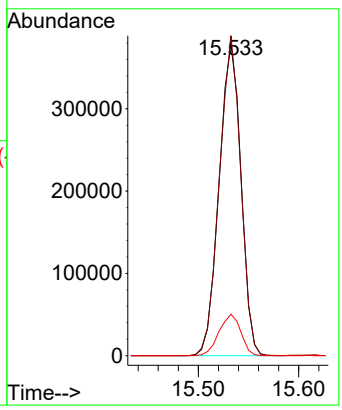




#58
Fluorene
Concen: 74.567 ng
RT: 15.533 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:166 Resp: 57410

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.1	118.7
167	13.3	10.2	15.4



Instrument :
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ClientSampleId :
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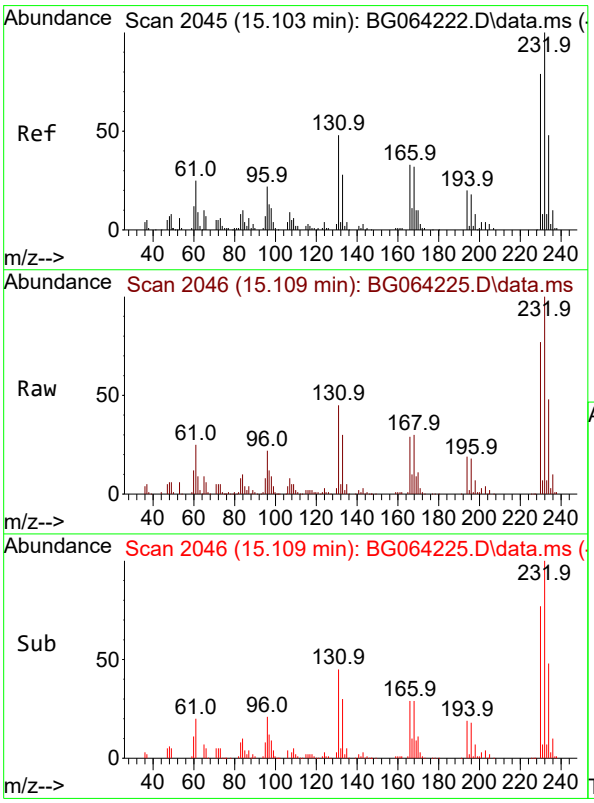
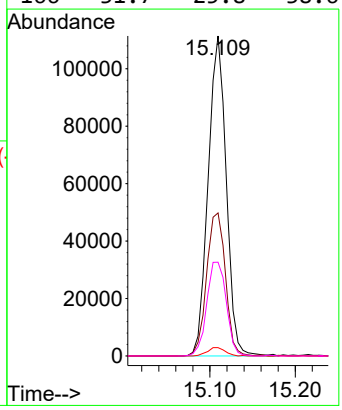
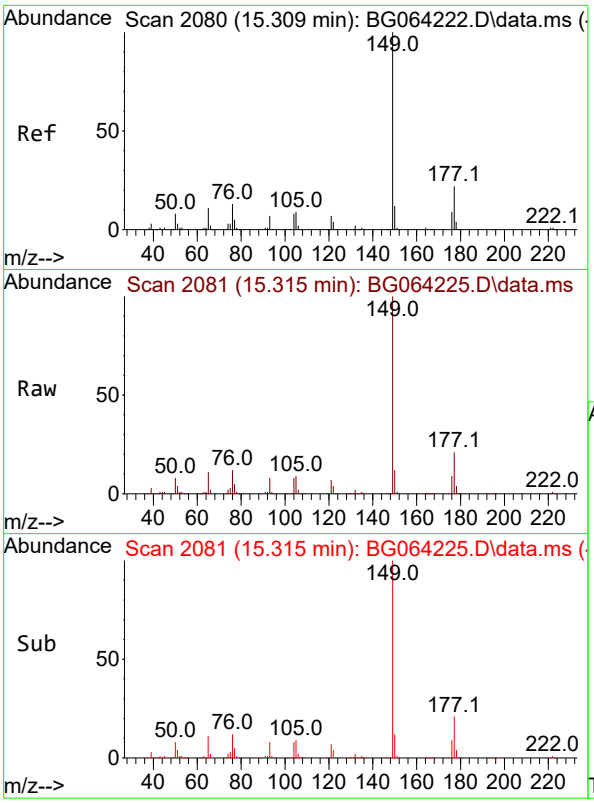


#59
2,3,4,6-Tetrachlorophenol
Concen: 78.076 ng
RT: 15.109 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:232 Resp: 164241

Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.1	55.7
130	2.6	2.6	3.8
166	31.7	25.8	38.6

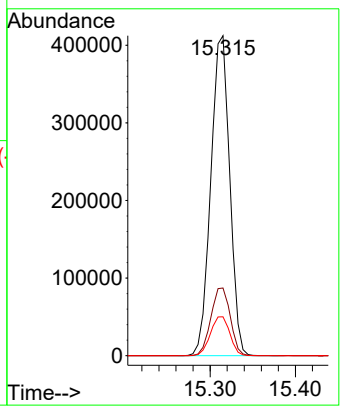




#60
Diethylphthalate
Concen: 74.841 ng
RT: 15.315 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:149 Resp: 63383

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.5	26.3
150	12.2	9.9	14.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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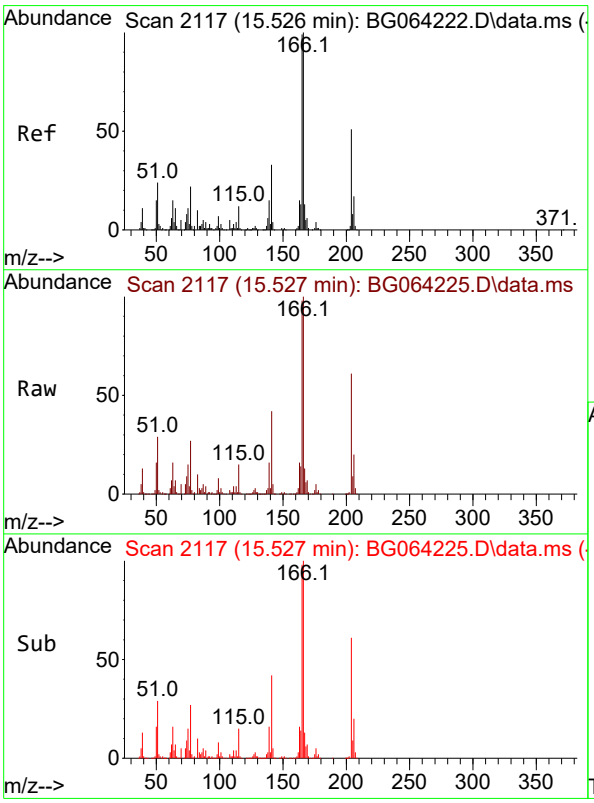
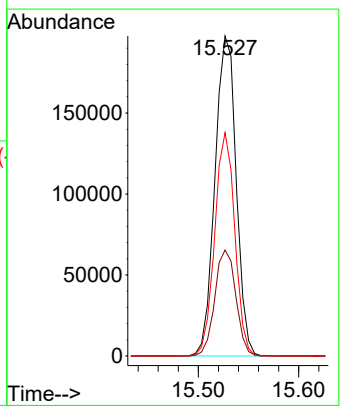
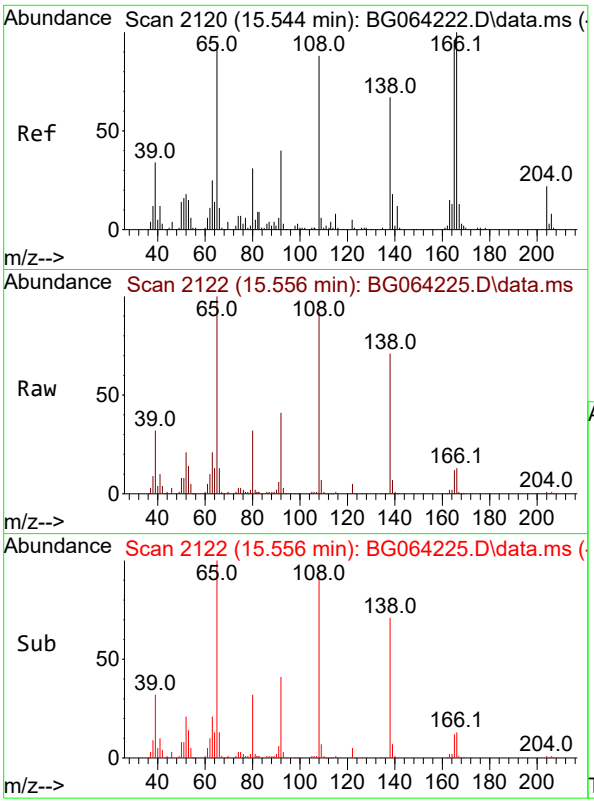


#61
4-Chlorophenyl-phenylether
Concen: 75.511 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:204 Resp: 289860

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.4
141	69.8	51.9	77.9





#62
4-Nitroaniline
Concen: 83.062 ng
RT: 15.556 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:138 Resp: 13601

Ion	Ratio	Lower	Upper
138	100		
92	57.4	39.1	79.1
108	128.7	111.3	151.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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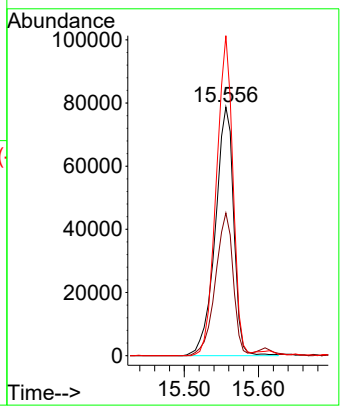
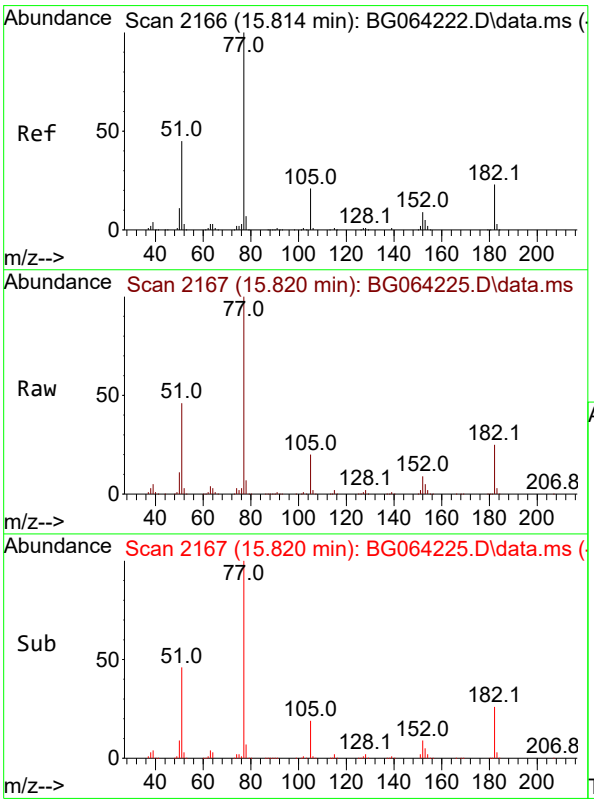
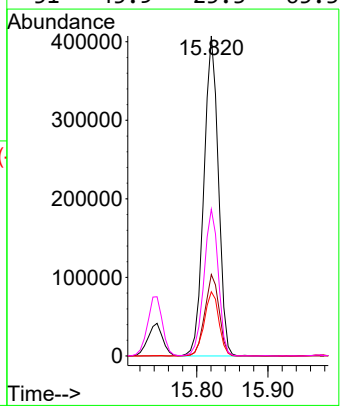


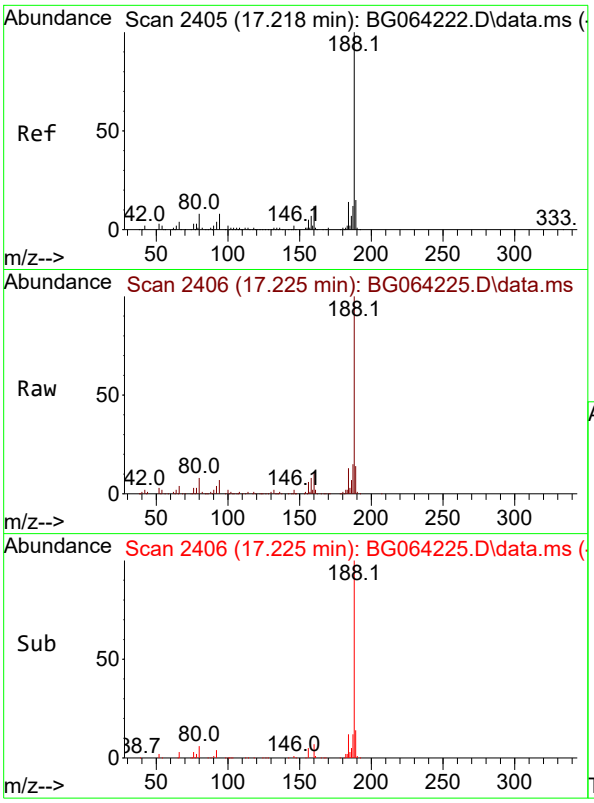


#63
Azobenzene
Concen: 76.529 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion: 77 Resp: 577669

Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.3	43.3
105	20.1	0.6	40.6
51	45.9	25.3	65.3

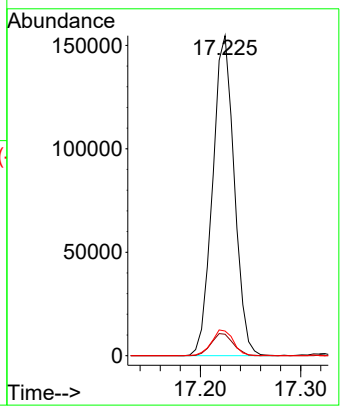




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:188 Resp: 23138

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	7.7	6.8	10.2



Instrument :
BNA_G
ClientSampleId :
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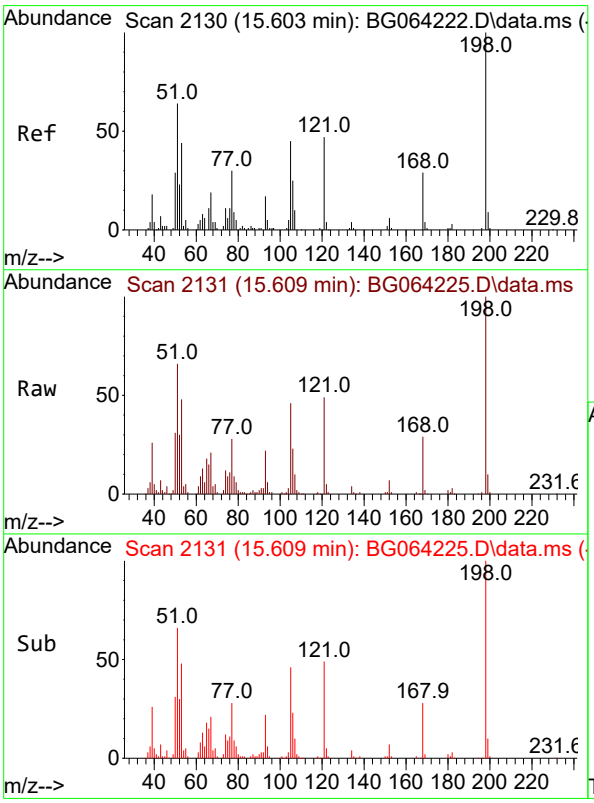
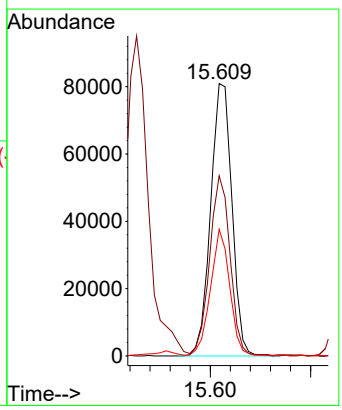
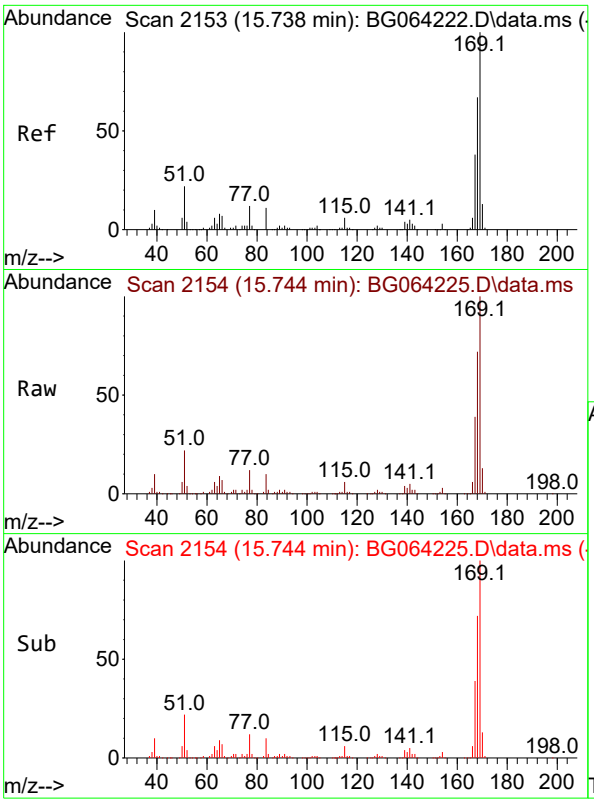


#65
4,6-Dinitro-2-methylphenol
Concen: 89.493 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:198 Resp: 118887

Ion	Ratio	Lower	Upper
198	100		
51	66.1	46.2	86.2
105	46.5	25.0	65.0

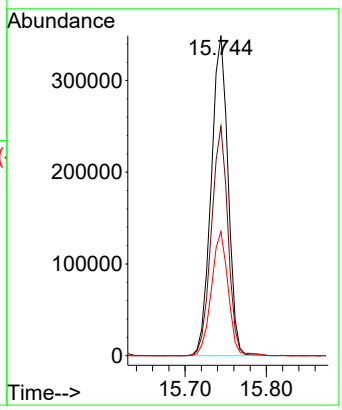




#66
n-Nitrosodiphenylamine
Concen: 78.764 ng
RT: 15.744 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:169 Resp: 50135

Ion	Ratio	Lower	Upper
169	100		
168	71.6	53.8	80.8
167	38.8	30.2	45.2



Instrument :
BNA_G
ClientSampleId :
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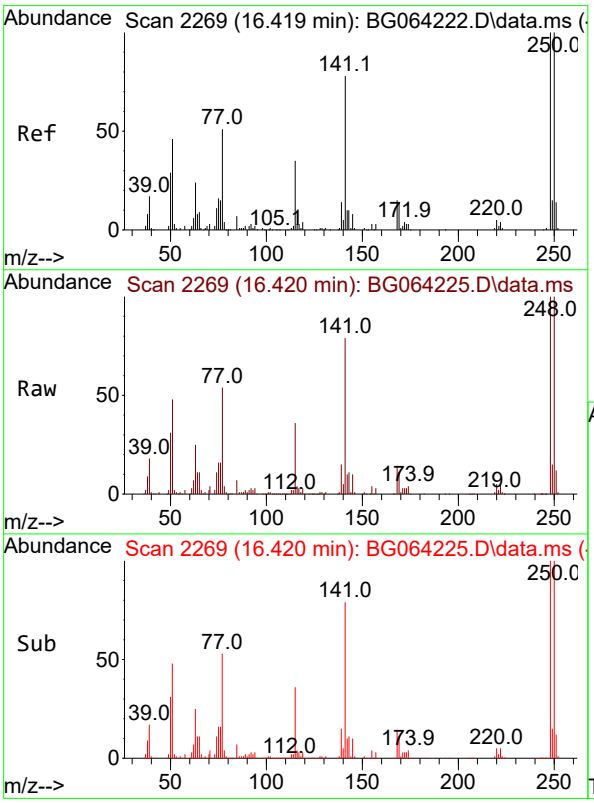
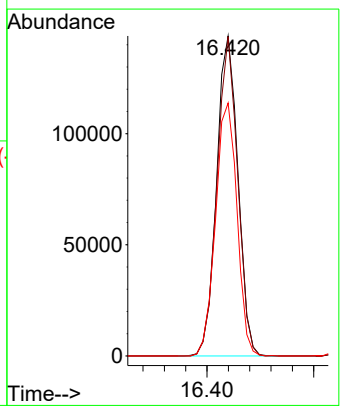
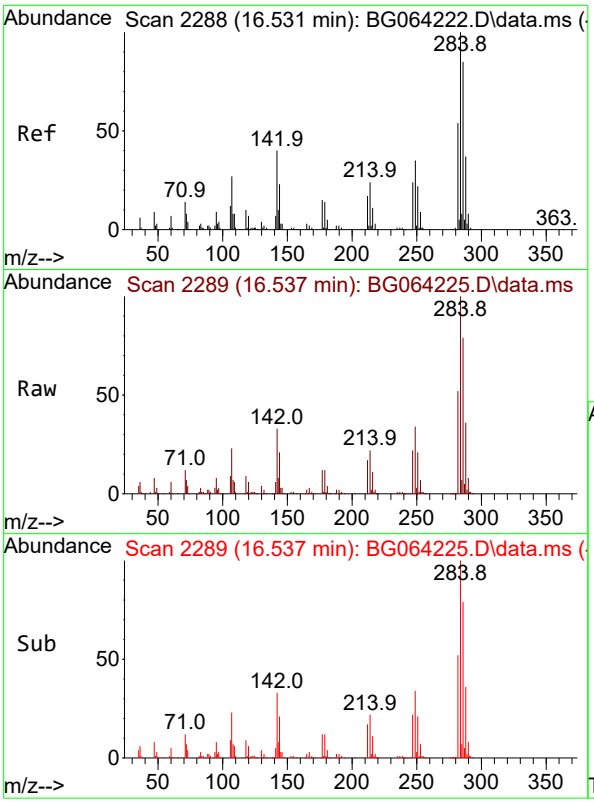


#67
4-Bromophenyl-phenylether
Concen: 81.188 ng
RT: 16.420 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:248 Resp: 199527

Ion	Ratio	Lower	Upper
248	100		
250	99.8	80.2	120.4
141	79.1	62.4	93.6

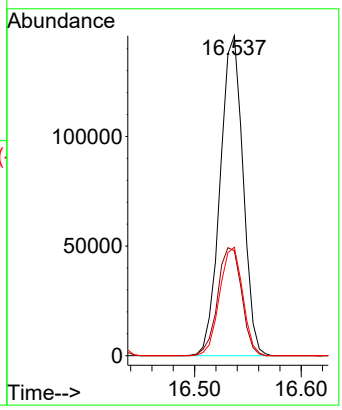




#68
Hexachlorobenzene
Concen: 79.601 ng
RT: 16.537 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:284 Resp: 21724

Ion	Ratio	Lower	Upper
284	100		
142	32.8	32.1	48.1
249	33.9	28.3	42.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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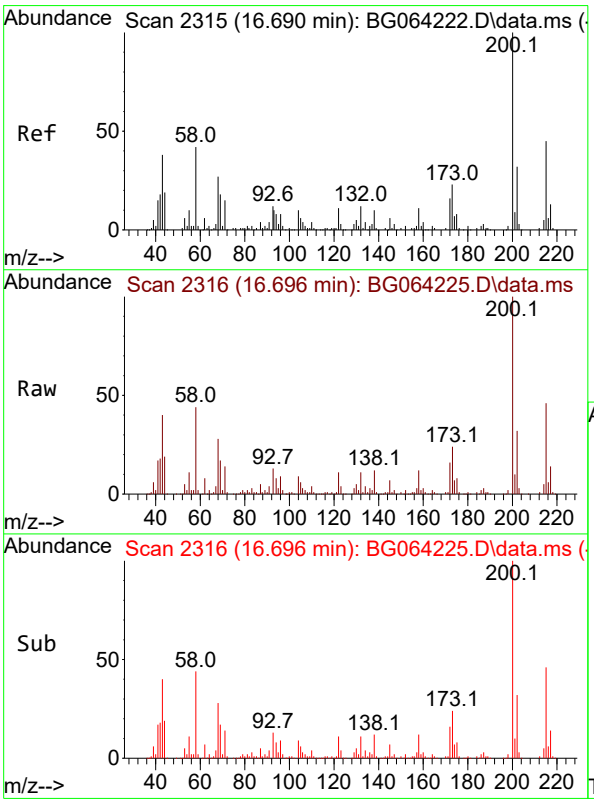
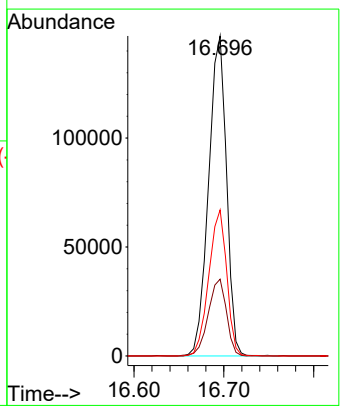
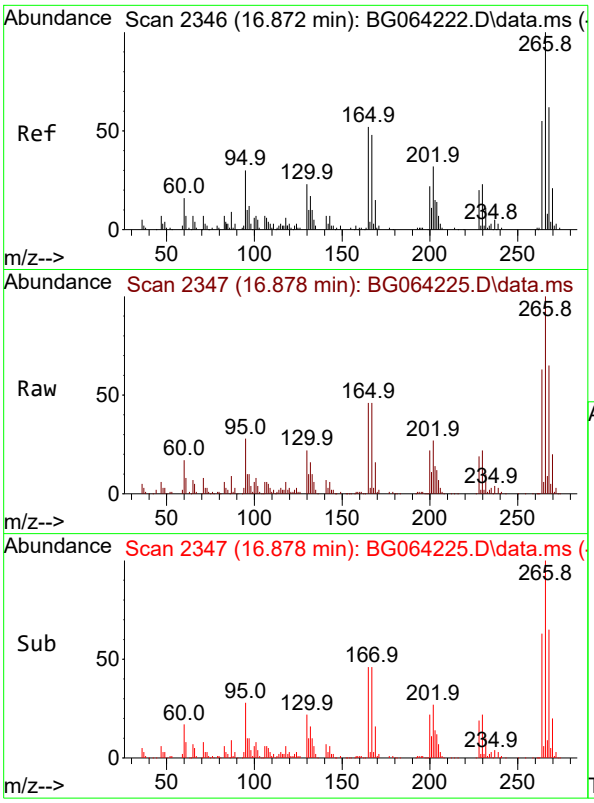


#69
Atrazine
Concen: 76.540 ng
RT: 16.696 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:200 Resp: 203423

Ion	Ratio	Lower	Upper
200	100		
173	24.0	3.5	43.5
215	45.7	24.8	64.8

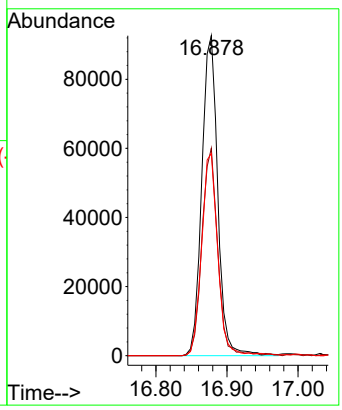




#70
Pentachlorophenol
Concen: 87.549 ng
RT: 16.878 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:266 Resp: 14487

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.4	74.0
264	63.2	44.3	66.5



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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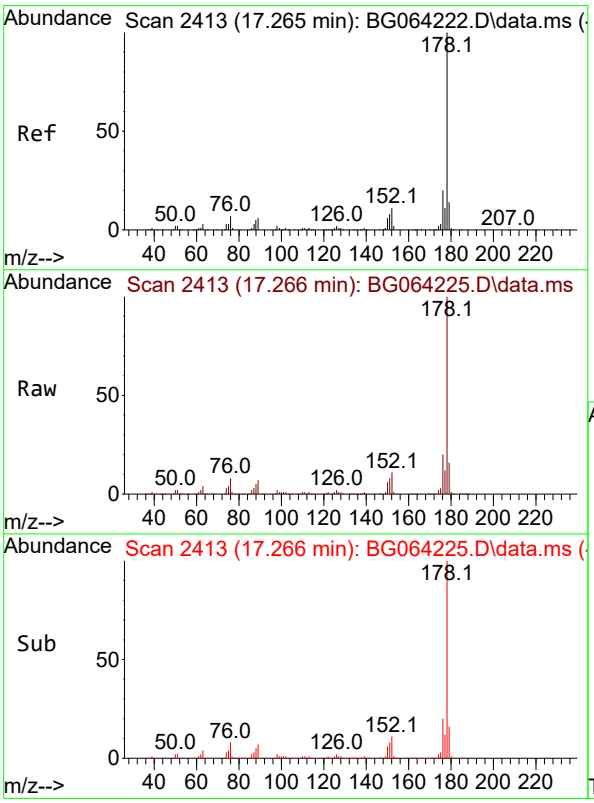
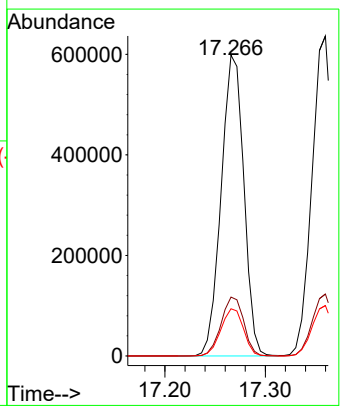
Supervised By :Jagrut Upadhyay 08/29/2025

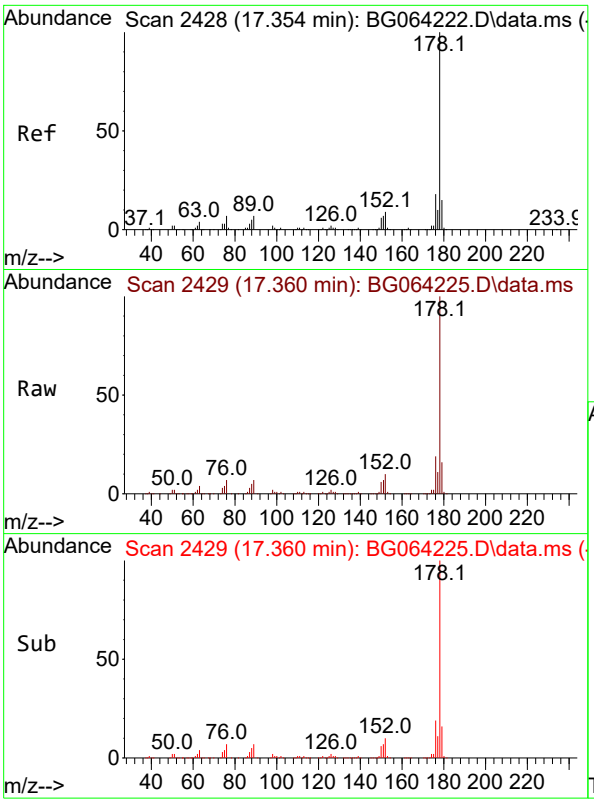


#71
Phenanthrene
Concen: 76.958 ng
RT: 17.266 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:178 Resp: 939199

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	11.4	17.2

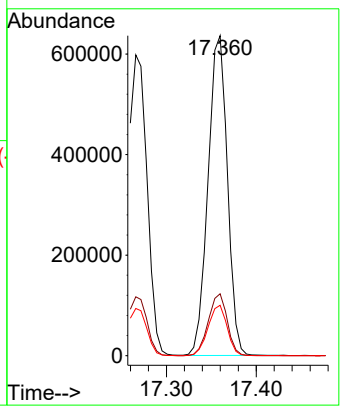




#72
Anthracene
Concen: 76.680 ng
RT: 17.360 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:178 Resp: 95191

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	15.7	12.1	18.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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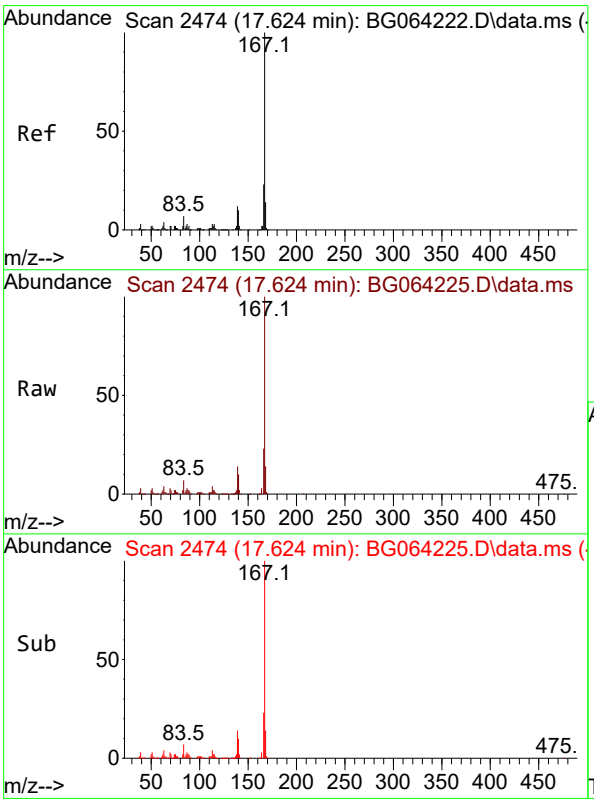
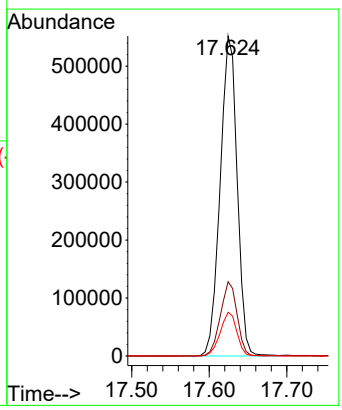
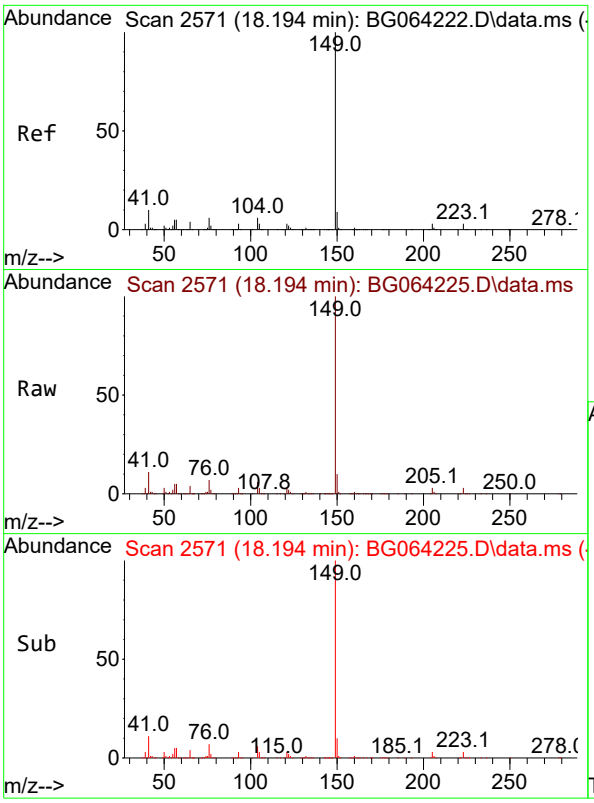


#73
Carbazole
Concen: 76.969 ng
RT: 17.624 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:167 Resp: 841735

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.2
139	13.7	9.8	14.6

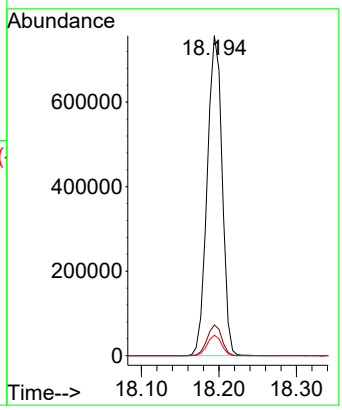




#74
Di-n-butylphthalate
Concen: 76.970 ng
RT: 18.194 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:149 Resp: 101129

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	6.4	4.6	7.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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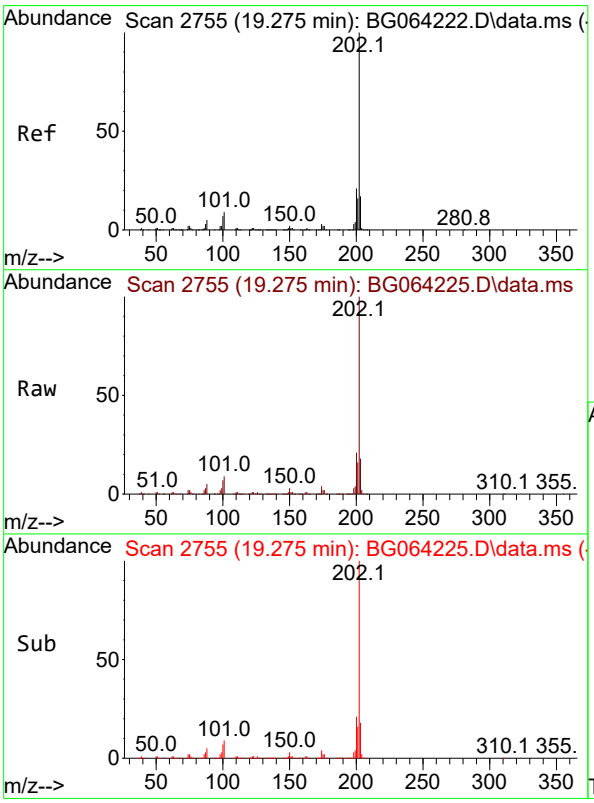
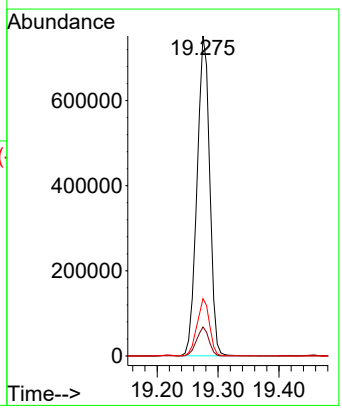
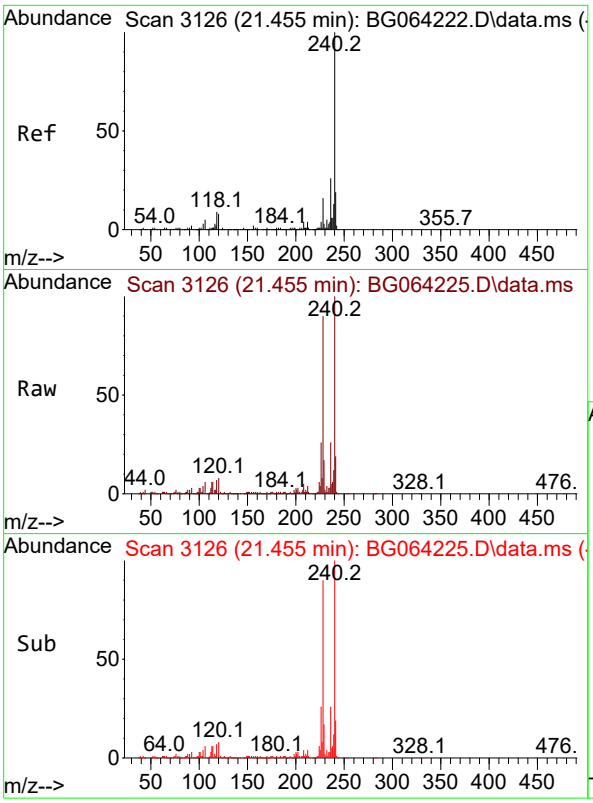


#75
Fluoranthene
Concen: 75.580 ng
RT: 19.275 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:202 Resp: 1084541

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.7
203	17.9	0.0	36.9

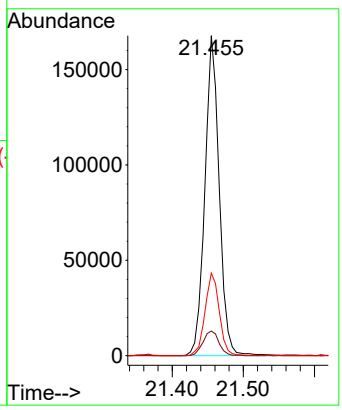




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:240 Resp: 23554

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	25.8	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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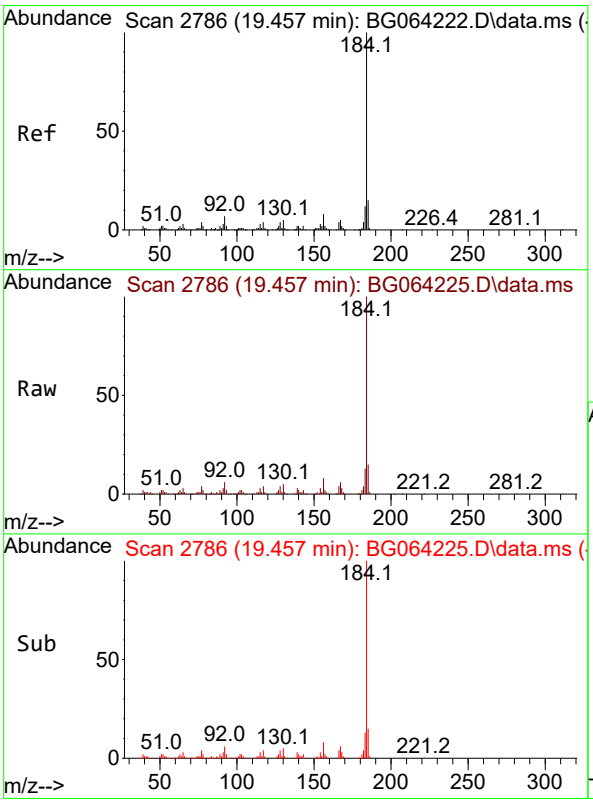
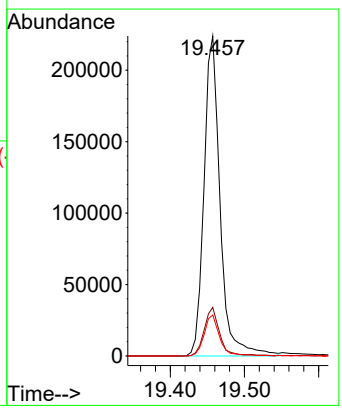
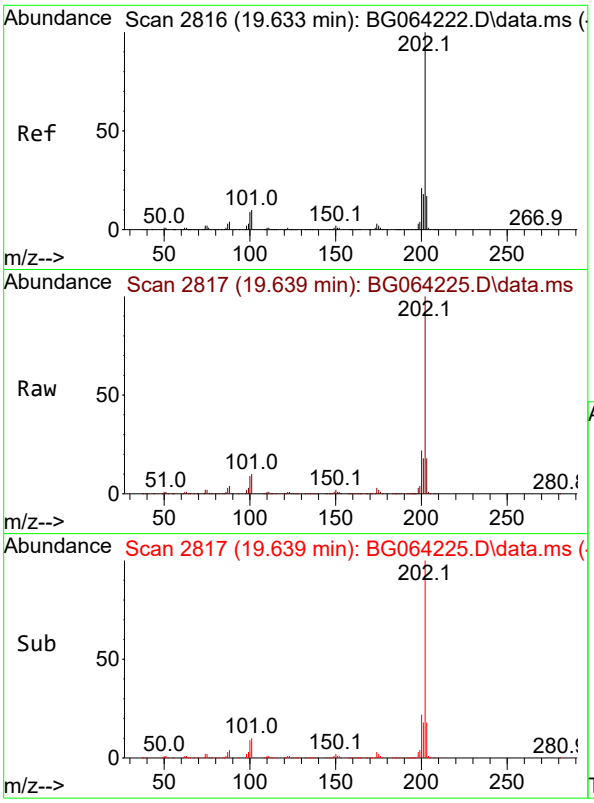


#77
Benzidine
Concen: 68.139 ng
RT: 19.457 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:184 Resp: 337627

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.7	17.5
183	12.8	9.7	14.5

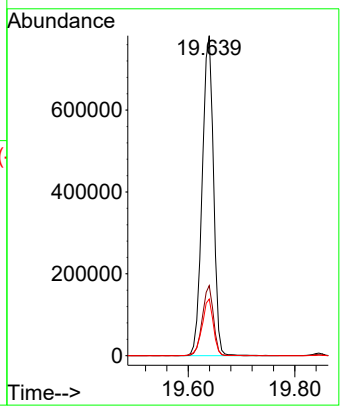




#78
Pyrene
Concen: 77.355 ng
RT: 19.639 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:202 Resp: 114790

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.7	13.8	20.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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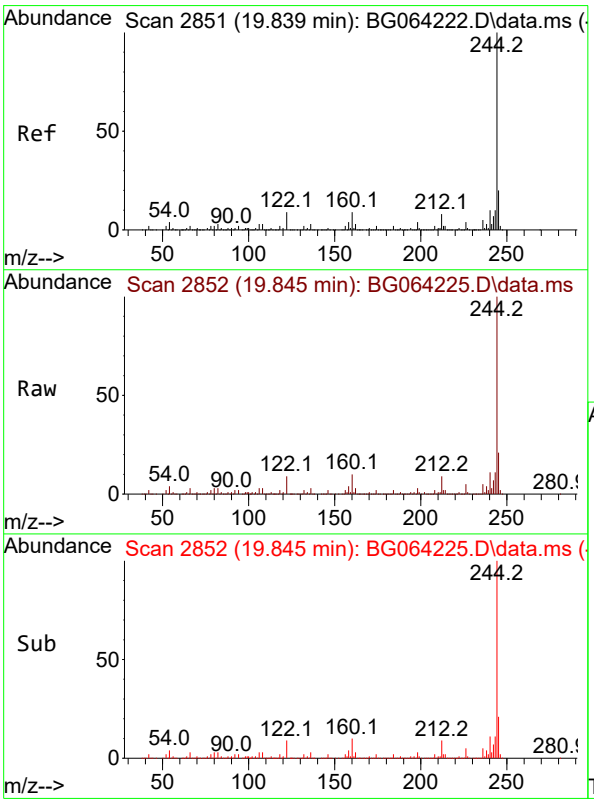
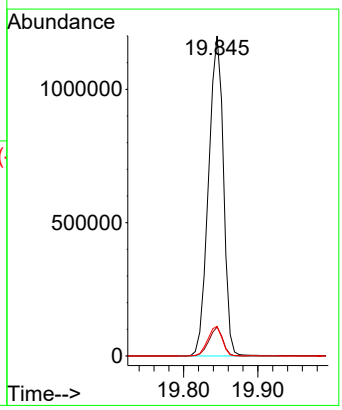
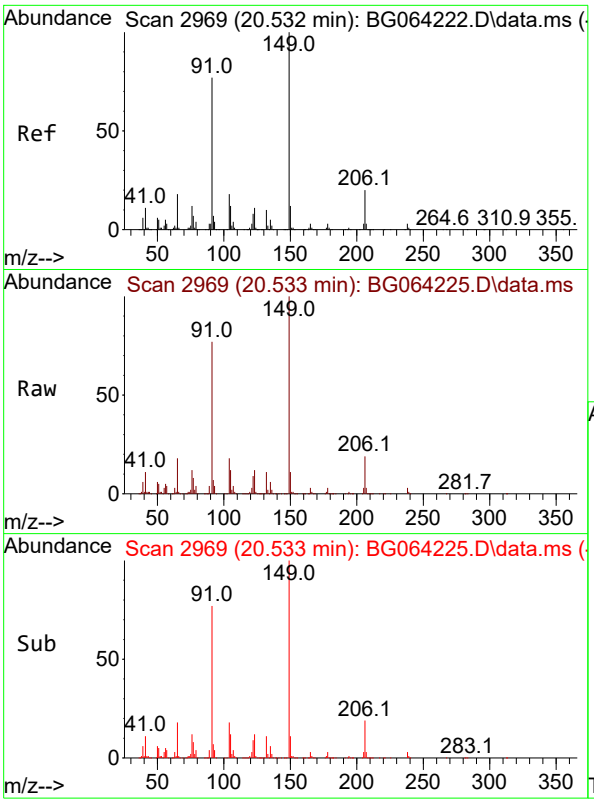


#79
Terphenyl-d14
Concen: 148.209 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:244 Resp: 1673235

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	9.2	7.0	10.6

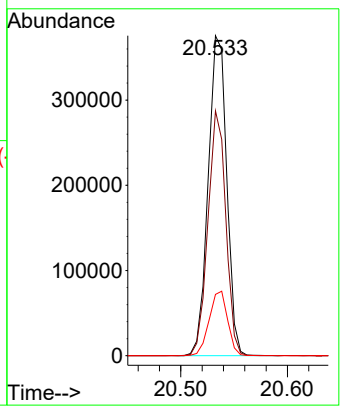




#80
Butylbenzylphthalate
Concen: 81.036 ng
RT: 20.533 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:149 Resp: 45356

Ion	Ratio	Lower	Upper
149	100		
91	76.5	61.4	92.0
206	19.1	15.8	23.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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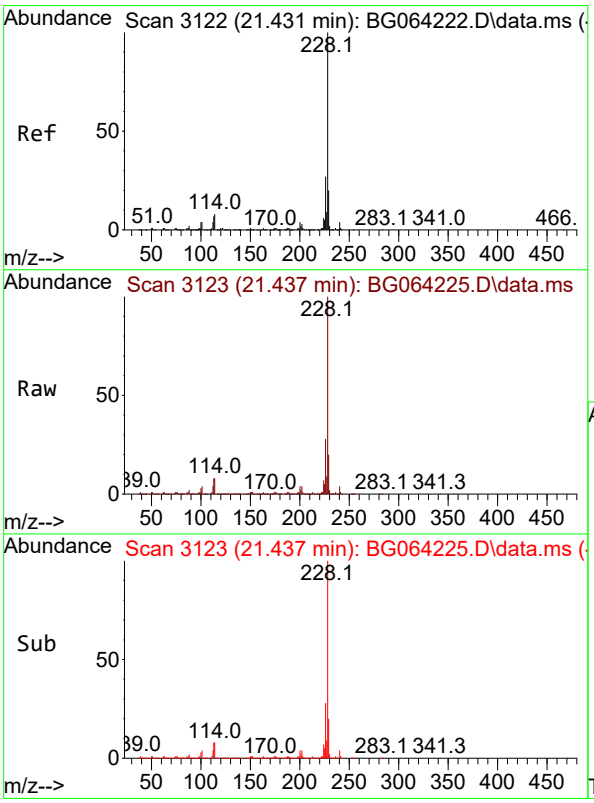
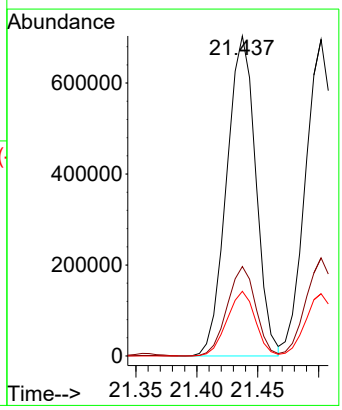
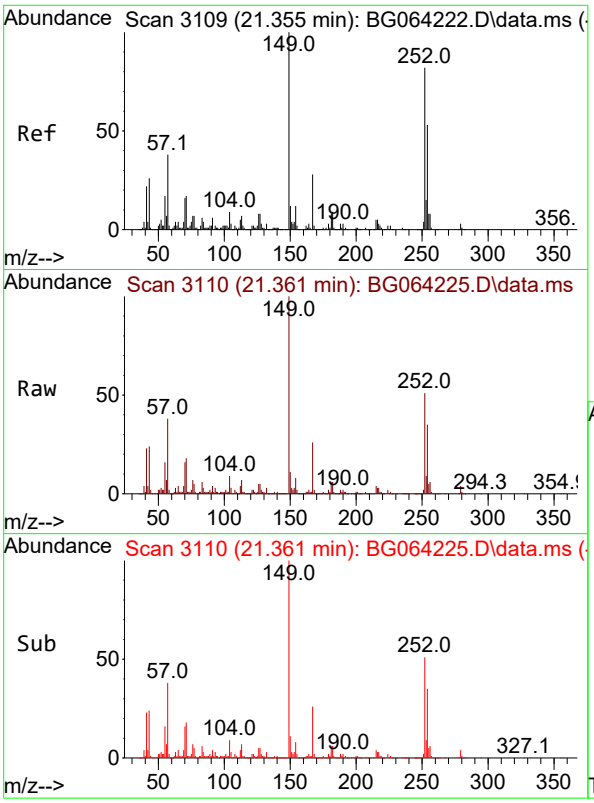


#81
Benzo(a)anthracene
Concen: 77.766 ng
RT: 21.437 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:228 Resp: 1171856

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	20.2	15.9	23.9

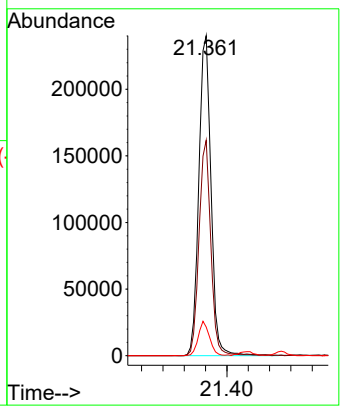




#82
3,3'-Dichlorobenzidine
Concen: 77.523 ng
RT: 21.361 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:252 Resp: 38045

Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.9	77.9
126	9.0	7.6	11.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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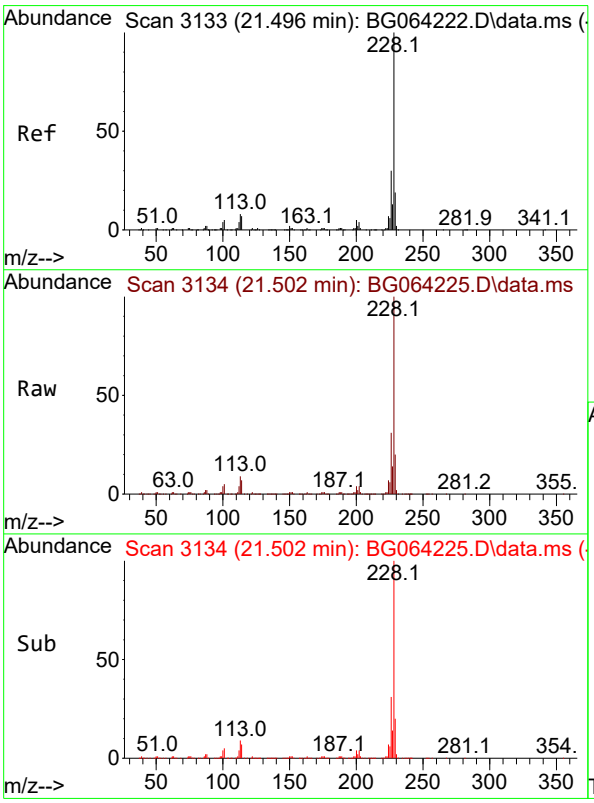
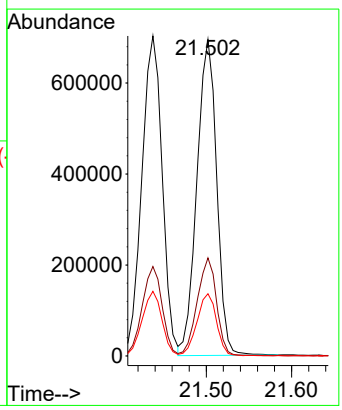
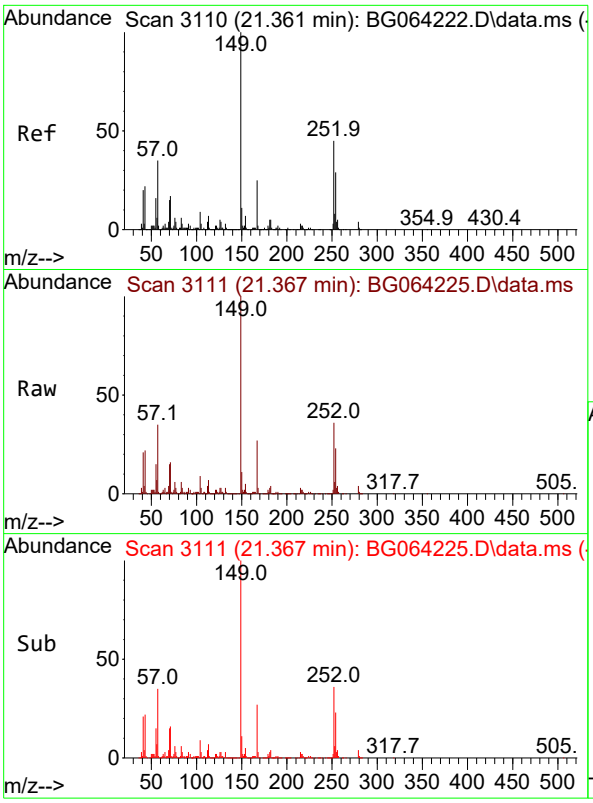


#83
Chrysene
Concen: 77.521 ng
RT: 21.502 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:228 Resp: 1121478

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.6	15.4	23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 78.779 ng
RT: 21.367 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:149 Resp: 66199

Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.0	30.0
279	3.8	3.0	4.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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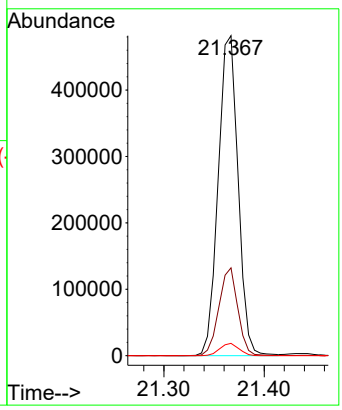
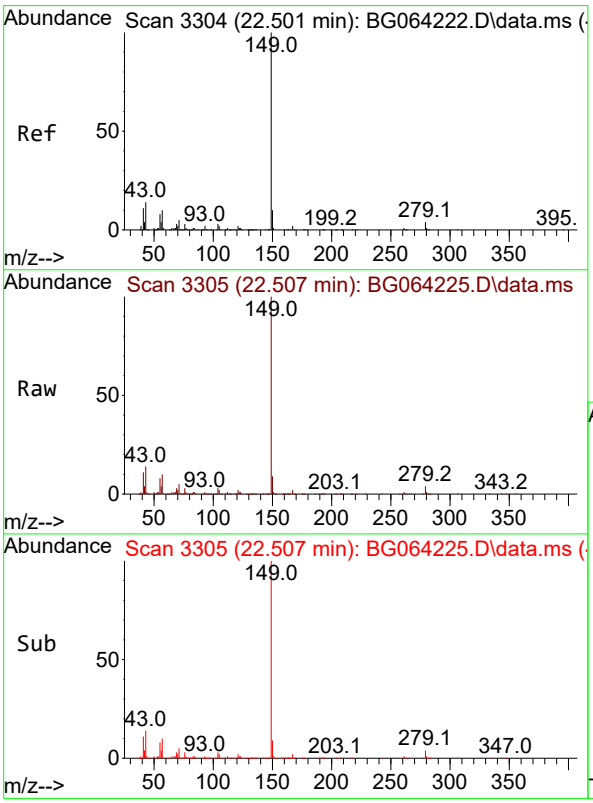
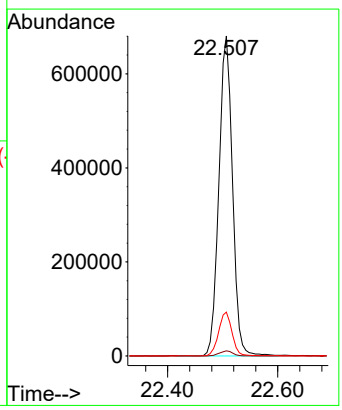


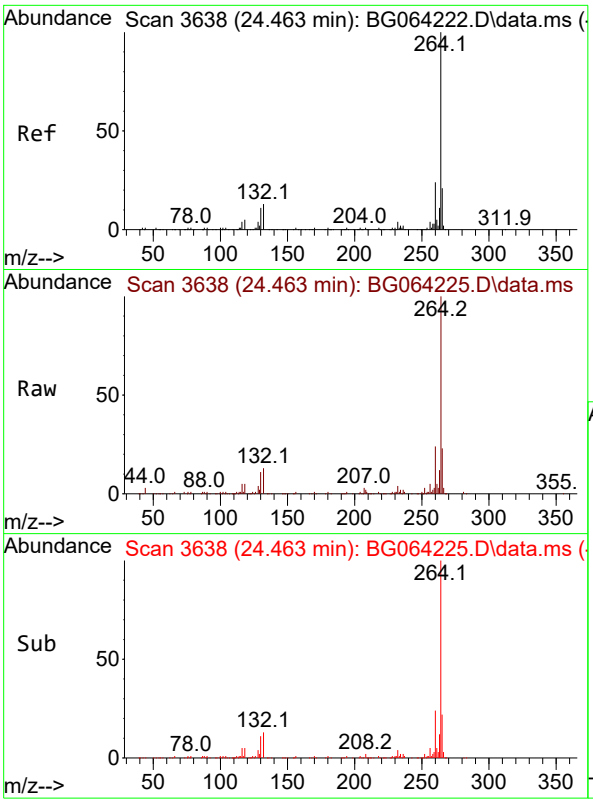


#85
Di-n-octyl phthalate
Concen: 79.752 ng
RT: 22.507 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:149 Resp: 1167706

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.6	10.8	16.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 25282

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.5	16.7	25.1

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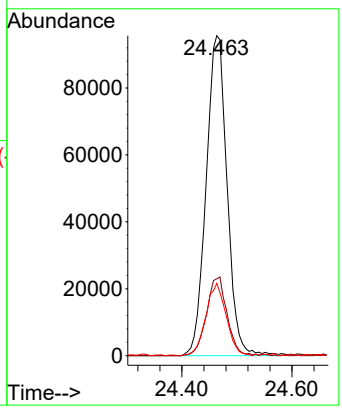
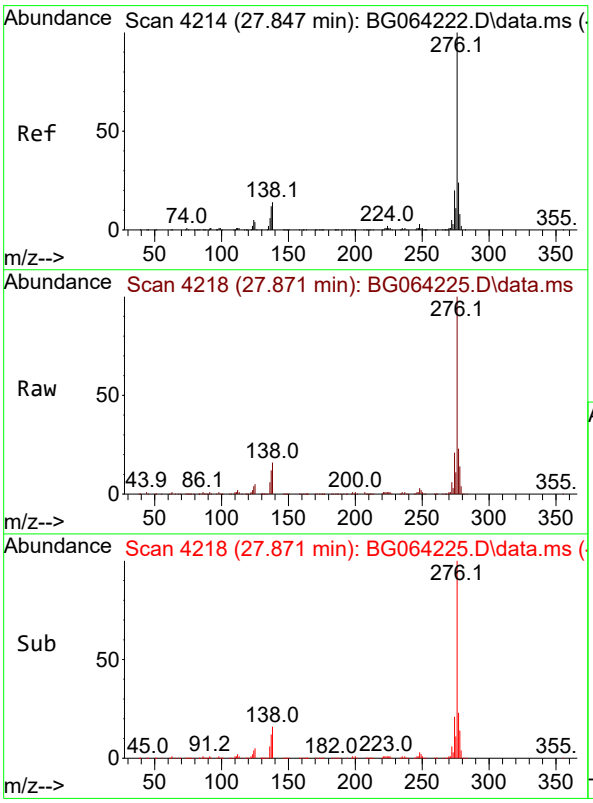
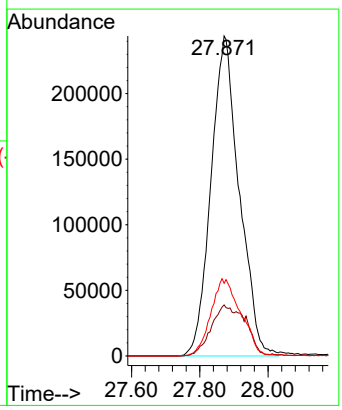


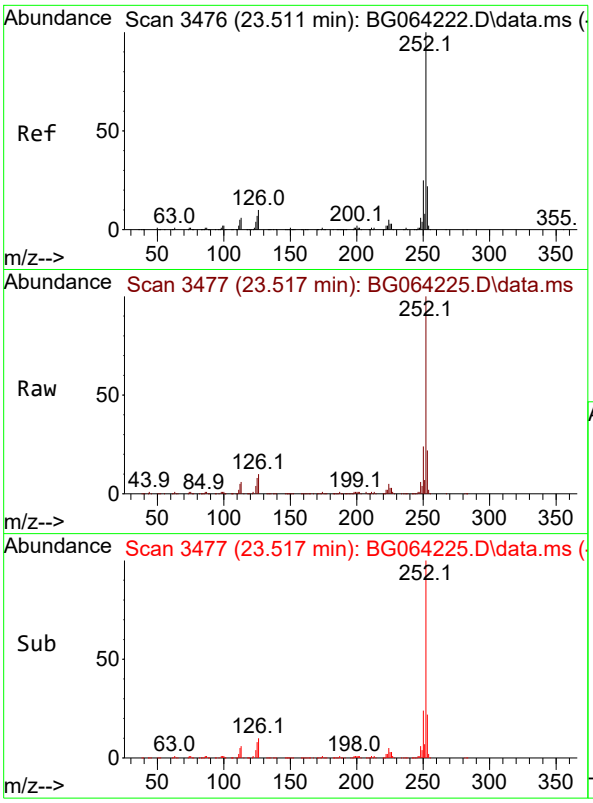


#87
Indeno(1,2,3-cd)pyrene
Concen: 81.188 ng
RT: 27.871 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:276 Resp: 1401756

Ion	Ratio	Lower	Upper
276	100		
138	12.2	7.4	11.0#
277	25.6	20.5	30.7

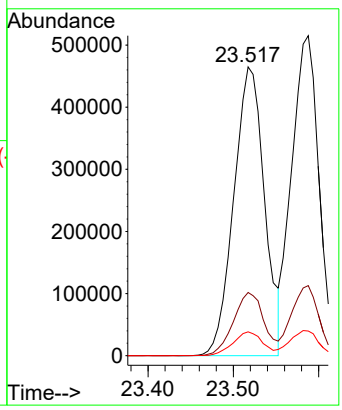




#88
Benzo(b)fluoranthene
Concen: 81.710 ng
RT: 23.517 min Scan# 34
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:252 Resp: 116591

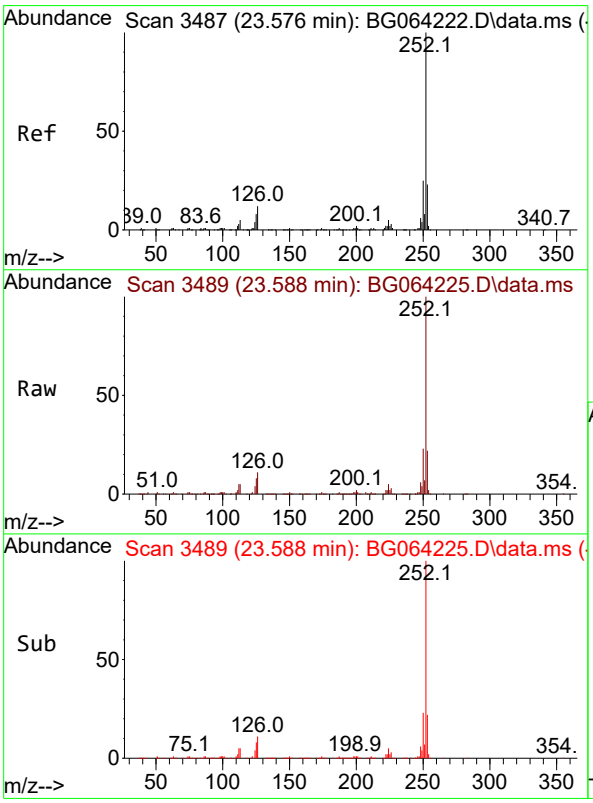
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.3	5.9	8.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

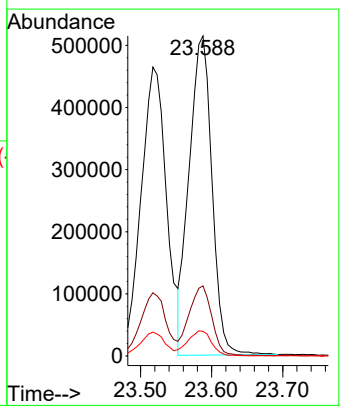
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

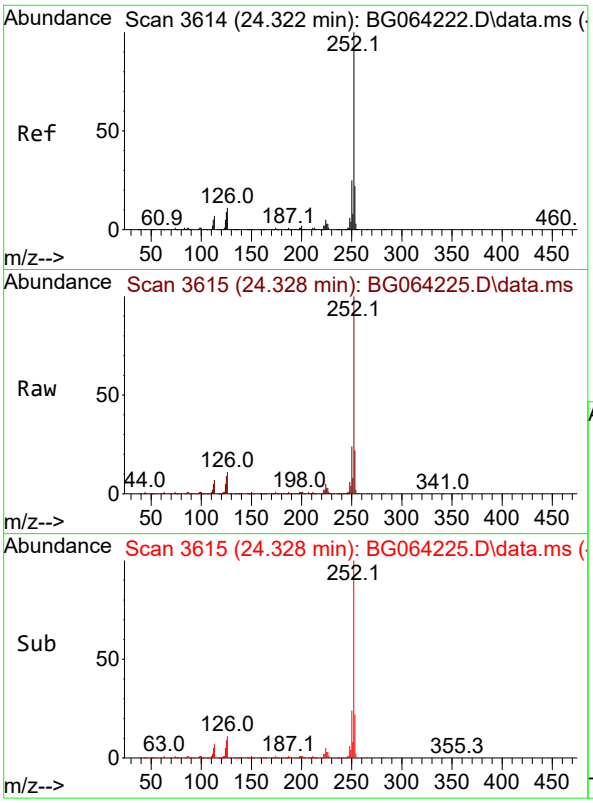


#89
Benzo(k)fluoranthene
Concen: 79.005 ng
RT: 23.588 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:252 Resp: 1148481

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	7.7	7.0	10.4

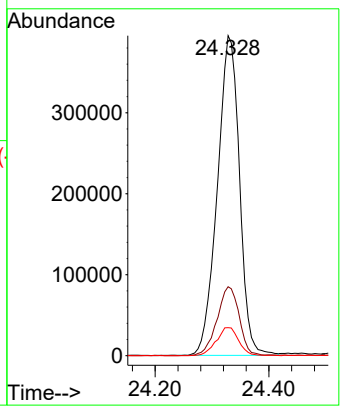




#90
Benzo(a)pyrene
Concen: 80.383 ng
RT: 24.328 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:252 Resp: 106695

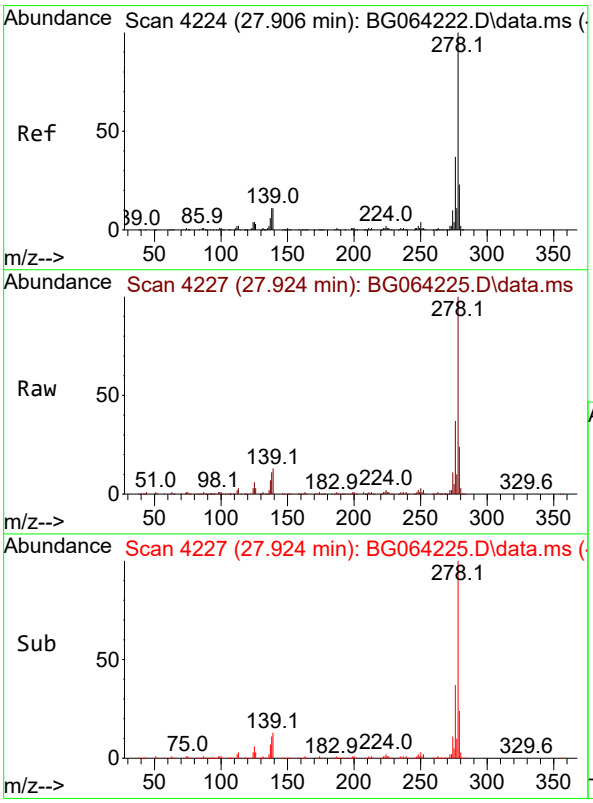
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	8.8	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

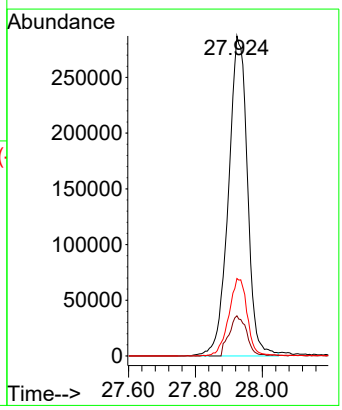
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

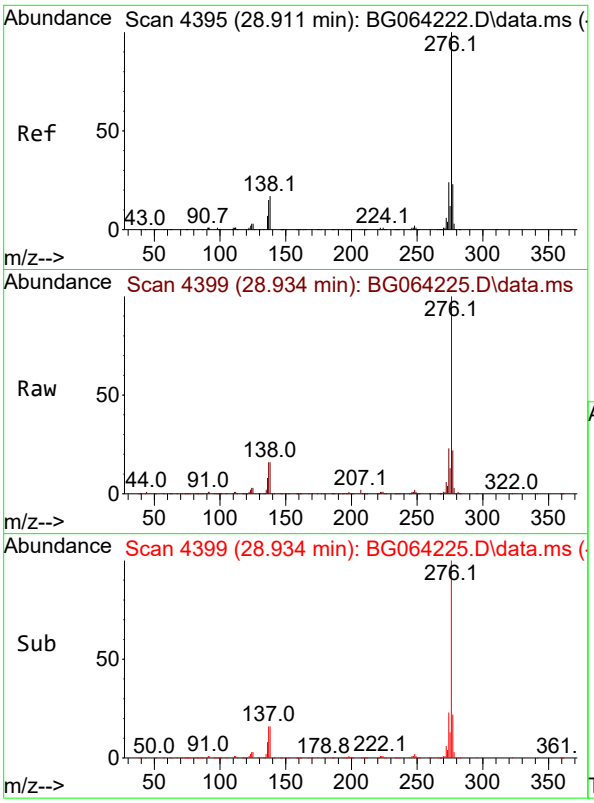


#91
Dibenzo(a,h)anthracene
Concen: 81.749 ng
RT: 27.924 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:278 Resp: 1133261

Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.0	13.4
279	24.2	18.8	28.2

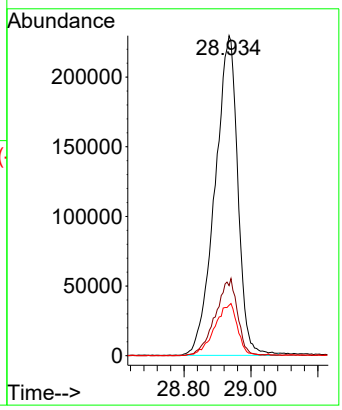




#92
Benzo(g,h,i)perylene
Concen: 80.696 ng
RT: 28.934 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064225.D
Acq: 28 Aug 2025 16:16

Tgt Ion:276 Resp: 108852

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.2	27.4
138	15.7	13.3	19.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	29889	20.000	ng		0.00
21) Naphthalene-d8	10.647	136	138322	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	98110	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	230329	20.000	ng		0.00
76) Chrysene-d12	21.452	240	233808	20.000	ng		0.00
86) Perylene-d12	24.460	264	253621	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	118083	70.880	ng		0.00
7) Phenol-d6	7.022	99	163938	71.628	ng		0.00
23) Nitrobenzene-d5	9.008	82	190915	76.975	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	95626	73.586	ng		0.00
45) 2-Fluorobiphenyl	13.109	172	482755	75.105	ng		0.00
79) Terphenyl-d14	19.842	244	849308	75.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	24759	35.656	ng		91
3) Pyridine	3.749	79	70553	34.517	ng	#	58
4) n-Nitrosodimethylamine	3.667	42	50477	37.335	ng	#	82
6) Aniline	7.186	93	120120	37.952	ng		99
8) 2-Chlorophenol	7.421	128	76422	37.539	ng		96
9) Benzaldehyde	6.998	77	64525	34.257	ng		98
10) Phenol	7.045	94	93735	37.147	ng		96
11) bis(2-Chloroethyl)ether	7.280	93	71259	37.580	ng		97
12) 1,3-Dichlorobenzene	7.750	146	80599	37.215	ng		98
13) 1,4-Dichlorobenzene	7.891	146	83439	38.174	ng		95
14) 1,2-Dichlorobenzene	8.208	146	83276	39.476	ng		95
15) Benzyl Alcohol	8.091	79	82068	38.856	ng	#	92
16) 2,2'-oxybis(1-Chloropr...	8.385	45	158838	36.690	ng		97
17) 2-Methylphenol	8.297	107	70037	37.241	ng		93
18) Hexachloroethane	8.937	117	30906	36.223	ng	#	87
19) n-Nitroso-di-n-propyla...	8.661	70	69352	39.592	ng		98
20) 3+4-Methylphenols	8.620	107	97172	37.186	ng		97
22) Acetophenone	8.673	105	138203	39.493	ng	#	99
24) Nitrobenzene	9.049	77	97991	37.815	ng		99
25) Isophorone	9.577	82	203159	39.413	ng		98
26) 2-Nitrophenol	9.760	139	45144	40.318	ng	#	86
27) 2,4-Dimethylphenol	9.824	122	82382	41.907	ng		94
28) bis(2-Chloroethoxy)met...	10.059	93	108249	38.946	ng		96
29) 2,4-Dichlorophenol	10.288	162	78373	37.784	ng		97
30) 1,2,4-Trichlorobenzene	10.512	180	84798	38.773	ng		93
31) Naphthalene	10.694	128	269029	37.507	ng		97
32) Benzoic acid	9.959	122	63444m	40.656	ng		
33) 4-Chloroaniline	10.800	127	121492	43.702	ng		98
34) Hexachlorobutadiene	10.988	225	59520	36.817	ng		93
35) Caprolactam	11.569	113	30886	38.456	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	102318	38.019	ng		96
37) 2-Methylnaphthalene	12.304	142	182749	34.277	ng		98
38) 1-Methylnaphthalene	12.527	142	193924	36.825	ng		96
40) 1,2,4,5-Tetrachloroben...	12.674	216	109403	38.648	ng		99
41) Hexachlorocyclopentadiene	12.656	237	69252	51.474	ng		89
43) 2,4,6-Trichlorophenol	12.909	196	74572	39.413	ng		88

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	78503	38.249	ng		97
46) 1,1'-Biphenyl	13.314	154	278762	39.011	ng		98
47) 2-Chloronaphthalene	13.355	162	205642	38.279	ng		98
48) 2-Nitroaniline	13.555	65	76496	41.777	ng		92
49) Acenaphthylene	14.201	152	345867	43.553	ng		99
50) Dimethylphthalate	13.943	163	281514	37.909	ng		99
51) 2,6-Dinitrotoluene	14.055	165	61558	42.818	ng		92
52) Acenaphthene	14.548	154	208675	37.235	ng		99
53) 3-Nitroaniline	14.384	138	63336	42.058	ng		98
54) 2,4-Dinitrophenol	14.589	184	32669	37.975	ng	#	89
55) Dibenzofuran	14.883	168	333145	37.793	ng		97
56) 4-Nitrophenol	14.689	139	48467	39.235	ng		98
57) 2,4-Dinitrotoluene	14.842	165	88592	40.756	ng	#	95
58) Fluorene	15.529	166	277028	38.343	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	80509	40.784	ng		97
60) Diethylphthalate	15.306	149	297822	37.474	ng		99
61) 4-Chlorophenyl-phenyle...	15.523	204	136825	37.983	ng		99
62) 4-Nitroaniline	15.541	138	64904	42.237	ng		87
63) Azobenzene	15.817	77	276201	38.992	ng		99
65) 4,6-Dinitro-2-methylph...	15.606	198	50530	38.211	ng		98
66) n-Nitrosodiphenylamine	15.741	169	244884	38.649	ng		99
67) 4-Bromophenyl-phenylether	16.417	248	91586	37.437	ng		95
68) Hexachlorobenzene	16.534	284	102532	37.742	ng		92
69) Atrazine	16.687	200	99280	37.526	ng		95
70) Pentachlorophenol	16.869	266	60707	36.854	ng		92
71) Phenanthrene	17.263	178	457203	37.635	ng		97
72) Anthracene	17.357	178	468737	37.931	ng		98
73) Carbazole	17.621	167	412655	37.906	ng		99
74) Di-n-butylphthalate	18.191	149	497961	38.074	ng		100
75) Fluoranthene	19.272	202	524509	36.720	ng		100
77) Benzidine	19.454	184	250946	51.021	ng		99
78) Pyrene	19.636	202	551941	37.470	ng		99
80) Butylbenzylphthalate	20.535	149	215271	38.747	ng		96
81) Benzo(a)anthracene	21.434	228	570869	38.165	ng		98
82) 3,3'-Dichlorobenzidine	21.358	252	204932	42.067	ng		98
83) Chrysene	21.499	228	544729	37.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.364	149	325380	39.008	ng		97
85) Di-n-octyl phthalate	22.503	149	565788	38.929	ng		100
87) Indeno(1,2,3-cd)pyrene	27.850	276	660292	38.123	ng	#	96
88) Benzo(b)fluoranthene	23.514	252	559215	39.068	ng		99
89) Benzo(k)fluoranthene	23.573	252	556111	38.135	ng		97
90) Benzo(a)pyrene	24.319	252	537384	40.358	ng		100
91) Dibenzo(a,h)anthracene	27.909	278	541703	38.953	ng		99
92) Benzo(g,h,i)perylene	28.908	276	528738	39.074	ng		99

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

ICAL Form

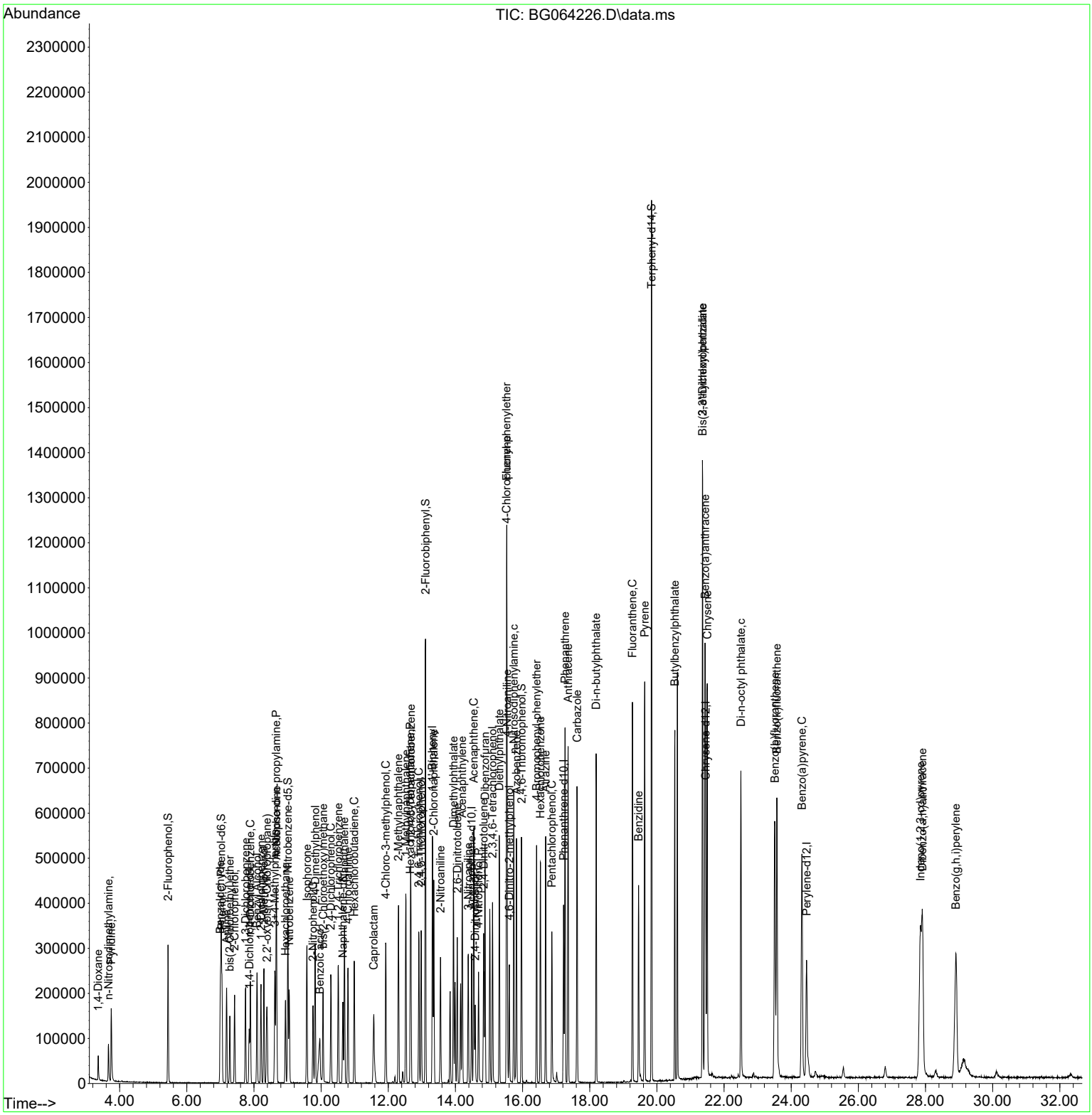
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

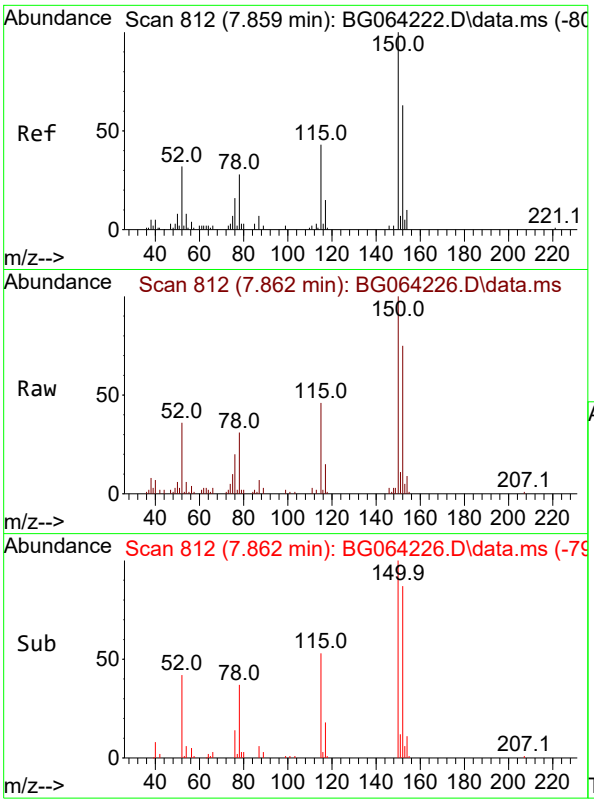
Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

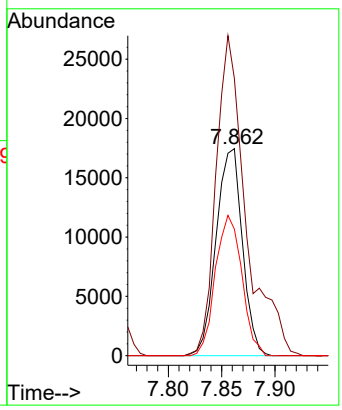




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:152 Resp: 2988

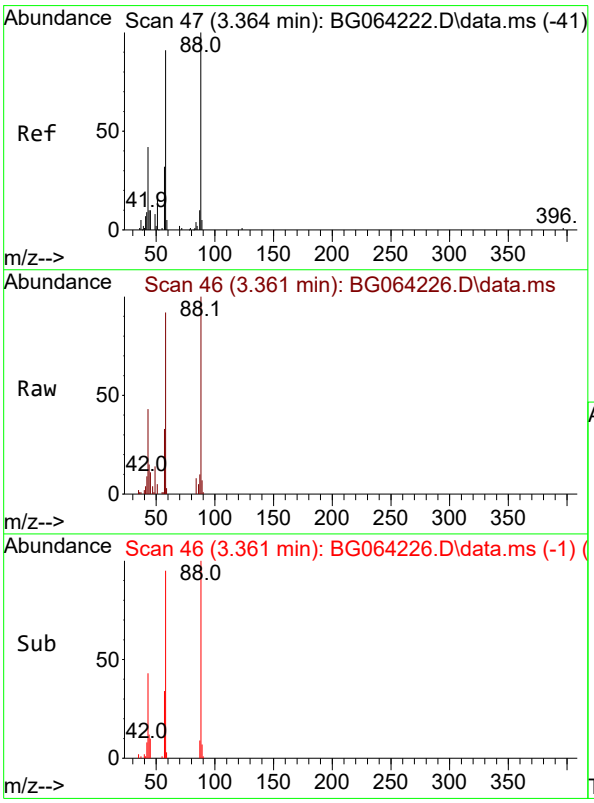
Ion	Ratio	Lower	Upper
152	100		
150	133.9	128.0	192.0
115	61.2	55.7	83.5



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

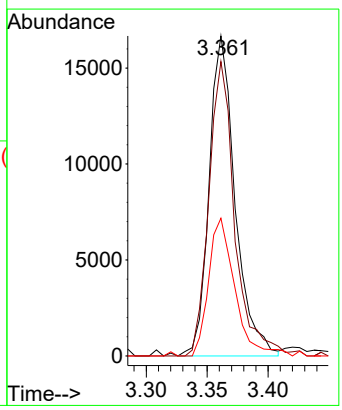
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

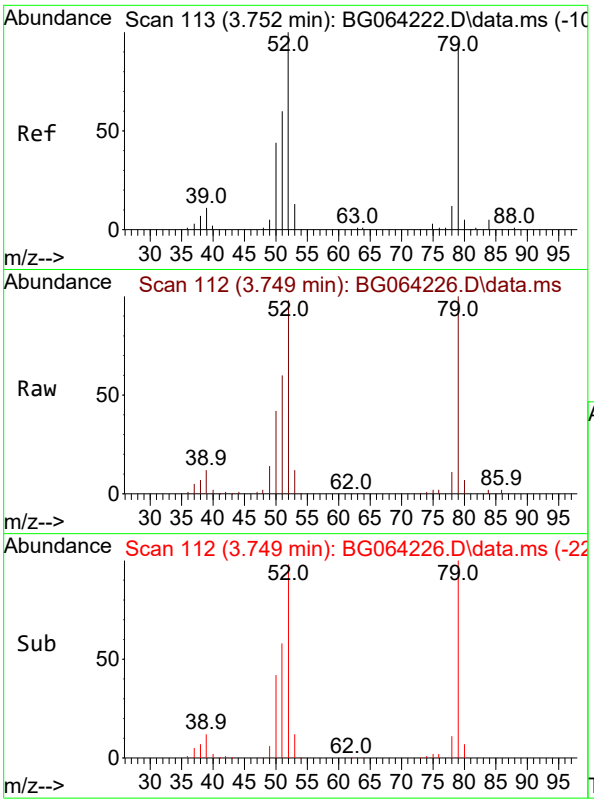


#2
1,4-Dioxane
Concen: 35.656 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 88 Resp: 24759

Ion	Ratio	Lower	Upper
88	100		
58	92.0	80.8	121.2
43	43.7	40.3	60.5

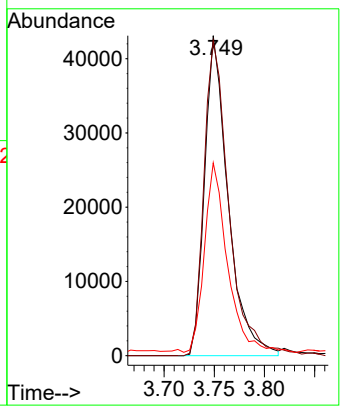




#3
Pyridine
Concen: 34.517 ng
RT: 3.749 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 79 Resp: 7055

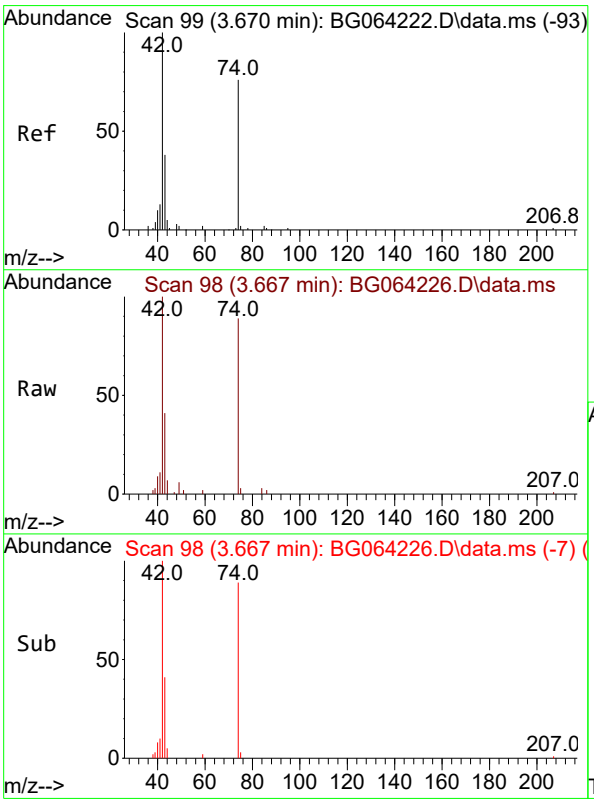
Ion	Ratio	Lower	Upper
79	100		
52	98.4	86.6	129.8
51	60.3	114.1	171.1#



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

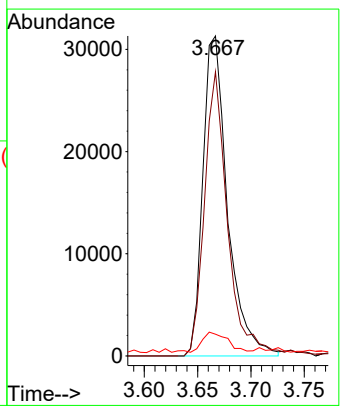
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

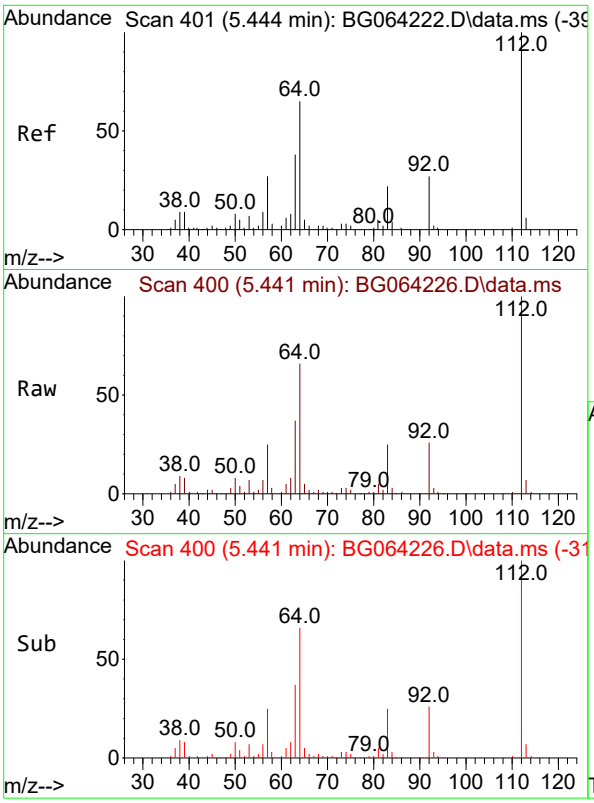


#4
n-Nitrosodimethylamine
Concen: 37.335 ng
RT: 3.667 min Scan# 98
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 42 Resp: 50477

Ion	Ratio	Lower	Upper
42	100		
74	88.8	58.0	87.0#
44	6.8	5.5	8.3

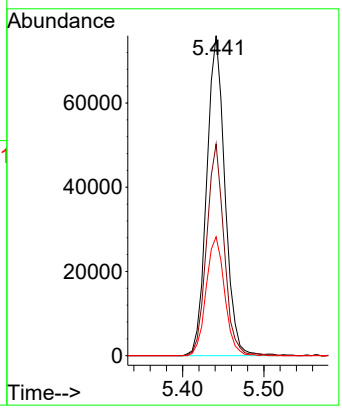




#5
2-Fluorophenol
Concen: 70.880 ng
RT: 5.441 min Scan# 4(
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:112 Resp: 11808

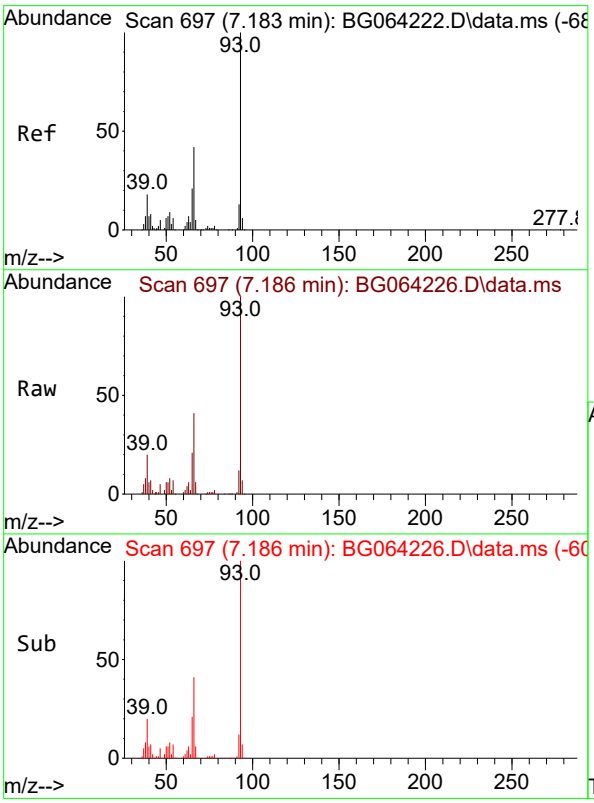
Ion	Ratio	Lower	Upper
112	100		
64	66.2	51.8	77.6
63	37.1	30.6	45.8



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

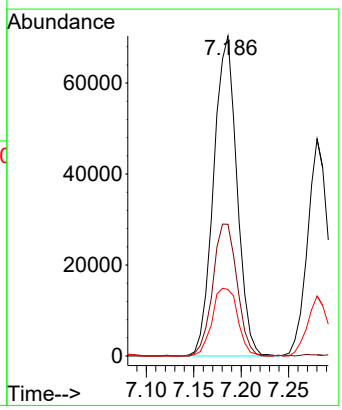
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

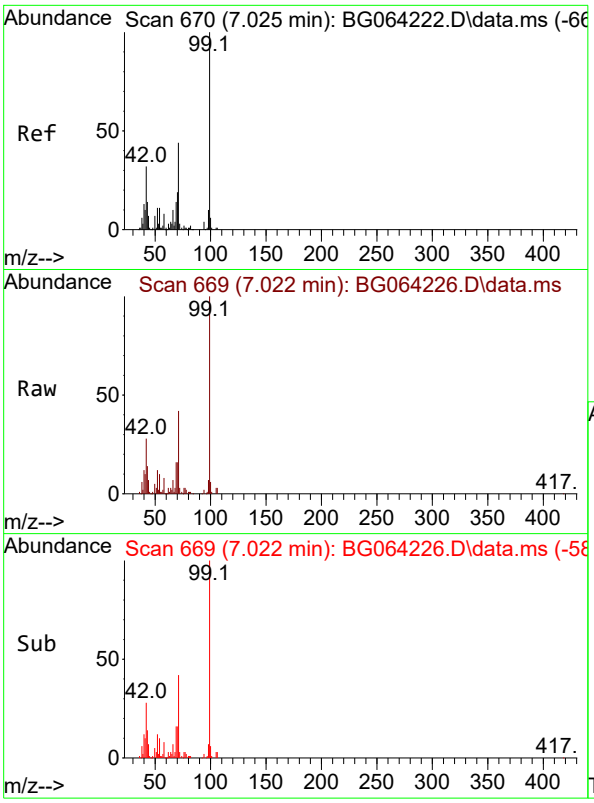


#6
Aniline
Concen: 37.952 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 93 Resp: 120120

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.8	50.8
65	20.8	16.9	25.3

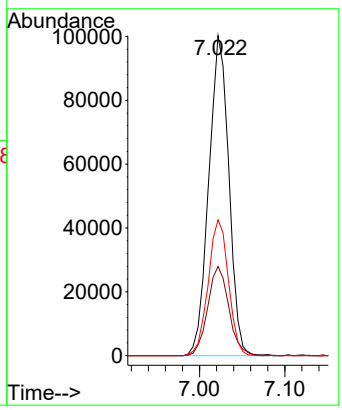




#7
Phenol-d6
Concen: 71.628 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 99 Resp: 16393

Ion	Ratio	Lower	Upper
99	100		
42	27.9	25.8	38.8
71	42.4	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
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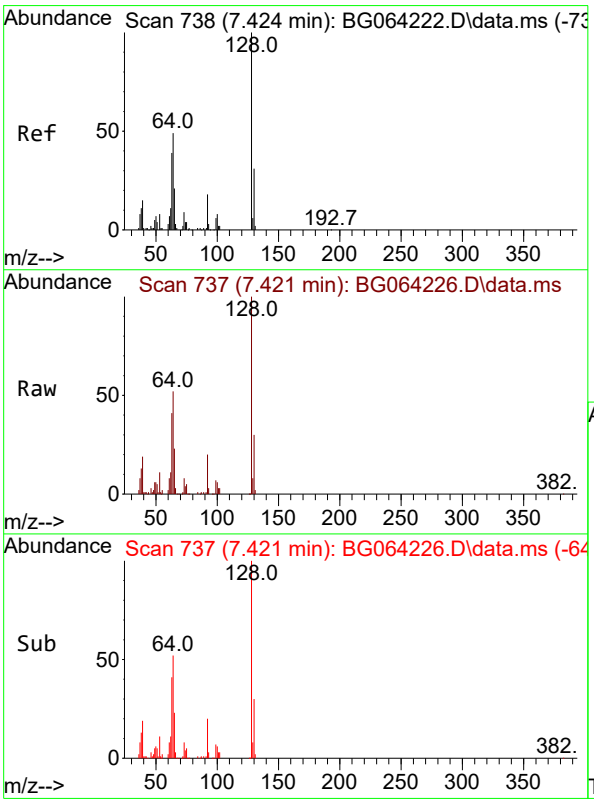
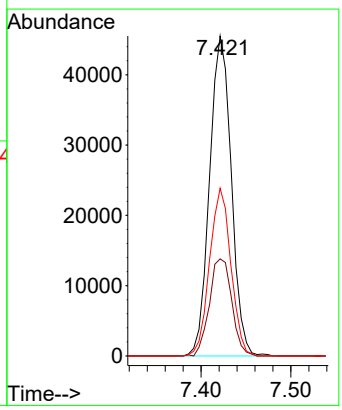
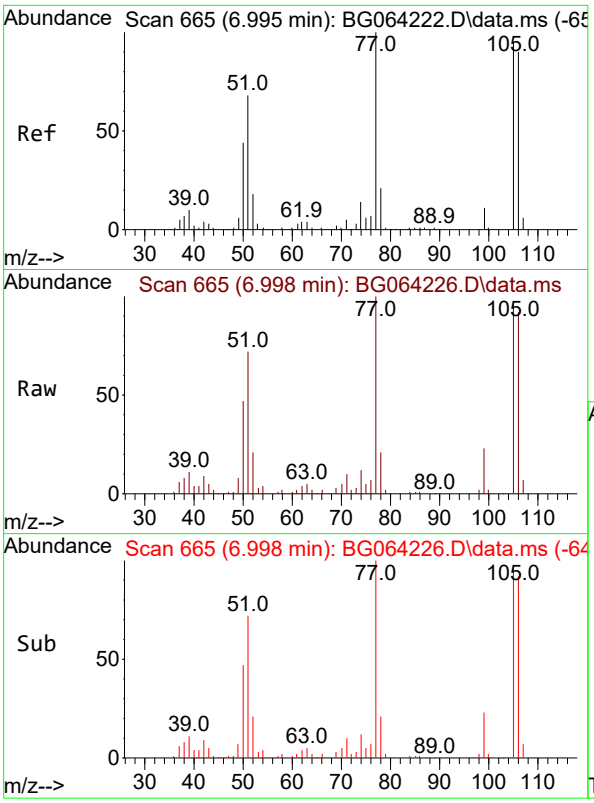


#8
2-Chlorophenol
Concen: 37.539 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:128 Resp: 76422

Ion	Ratio	Lower	Upper
128	100		
130	30.3	10.9	50.9
64	52.4	28.7	68.7

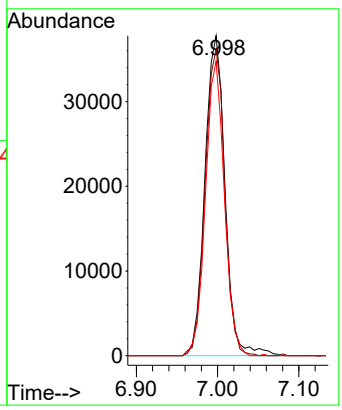




#9
Benzaldehyde
Concen: 34.257 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 77 Resp: 6452

Ion	Ratio	Lower	Upper
77	100		
105	95.8	75.2	115.2
106	92.0	69.6	109.6



Instrument :
BNA_G
ClientSampleId :
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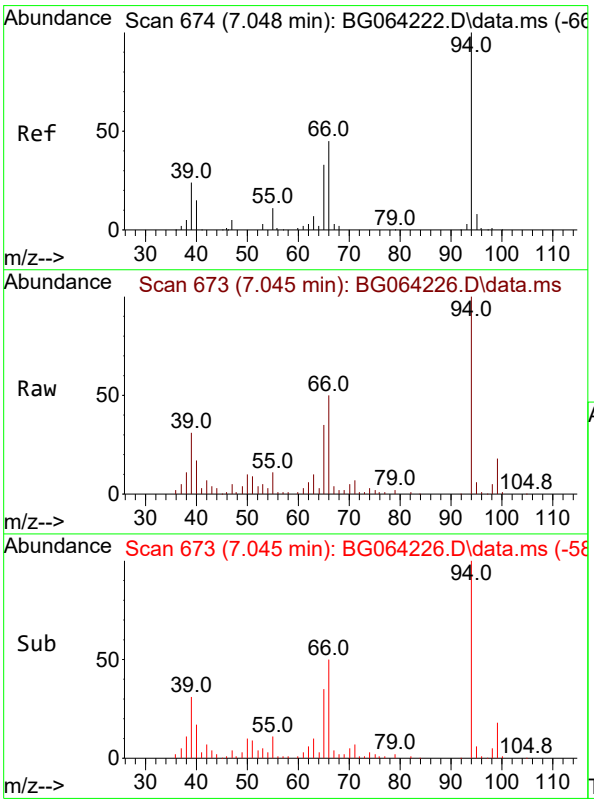
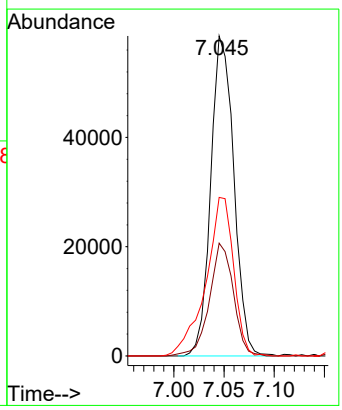
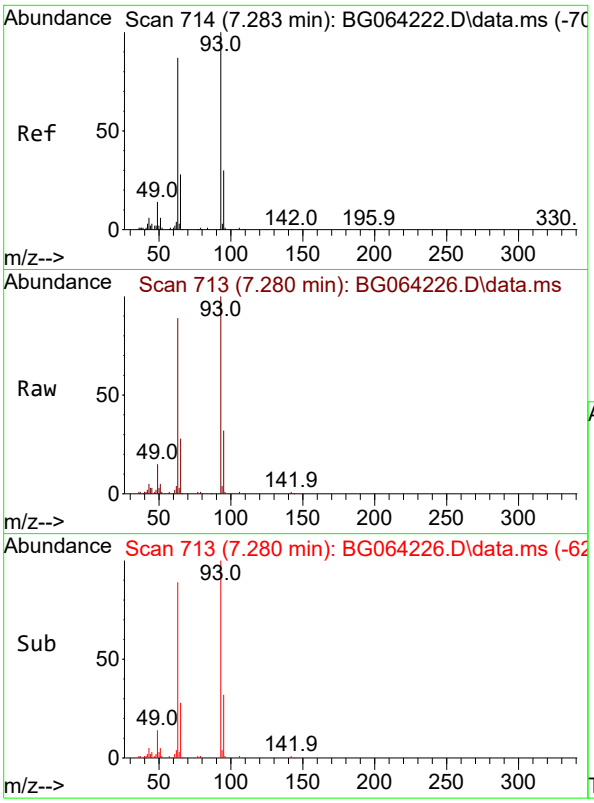


#10
Phenol
Concen: 37.147 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 94 Resp: 93735

Ion	Ratio	Lower	Upper
94	100		
65	35.3	13.5	53.5
66	49.6	26.2	66.2

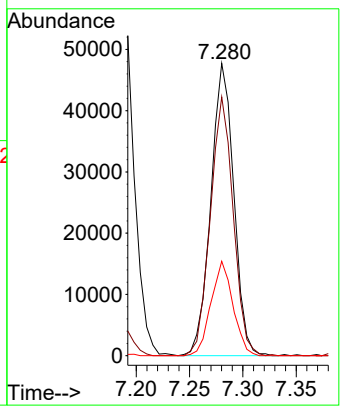




#11
bis(2-Chloroethyl)ether
Concen: 37.580 ng
RT: 7.280 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 93 Resp: 7125

Ion	Ratio	Lower	Upper
93	100		
63	88.5	66.2	106.2
95	32.3	9.8	49.8



Instrument :
BNA_G
ClientSampleId :
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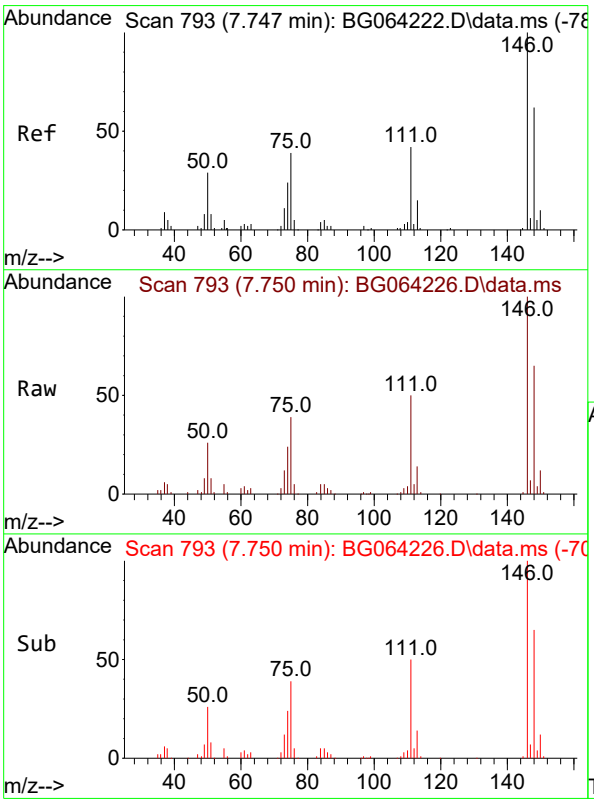
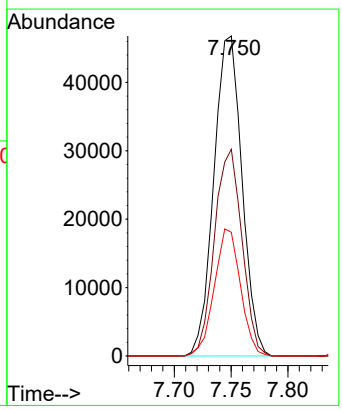
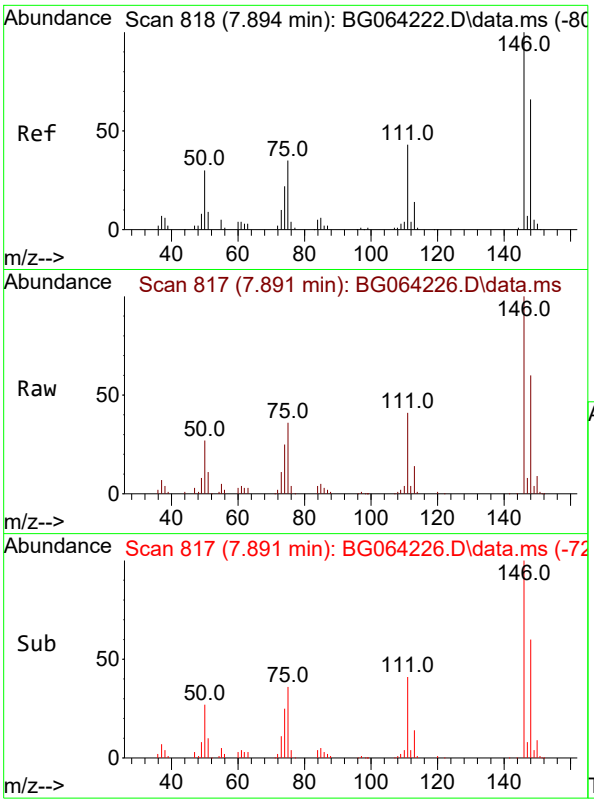


#12
1,3-Dichlorobenzene
Concen: 37.215 ng
RT: 7.750 min Scan# 793
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:146 Resp: 80599

Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.6	74.4
75	38.6	31.0	46.6

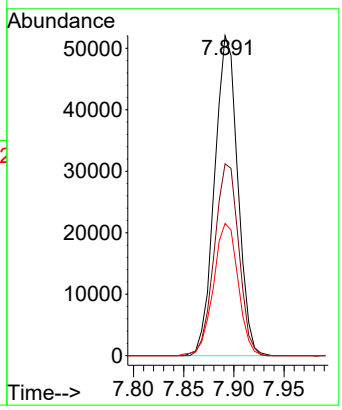




#13
1,4-Dichlorobenzene
Concen: 38.174 ng
RT: 7.891 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:146 Resp: 8343

Ion	Ratio	Lower	Upper
146	100		
148	60.0	52.8	79.2
111	41.3	34.1	51.1



Instrument :
BNA_G
ClientSampleId :
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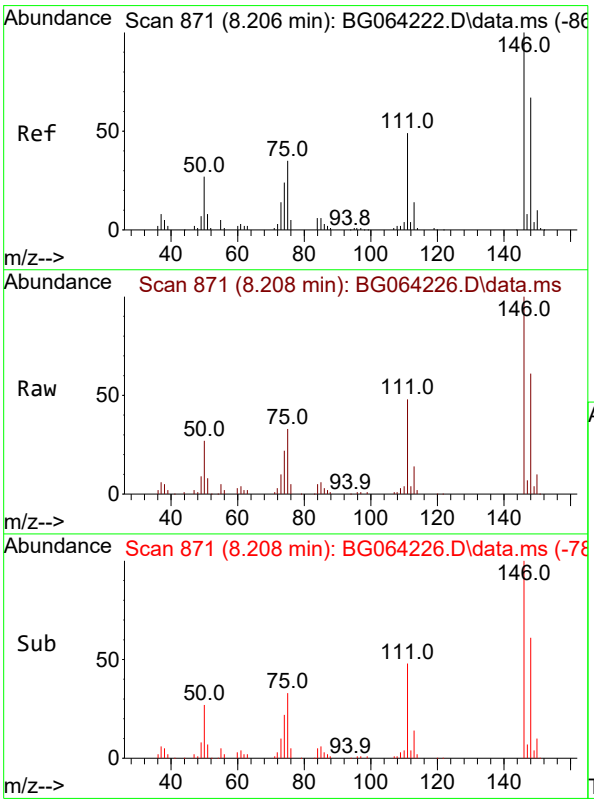
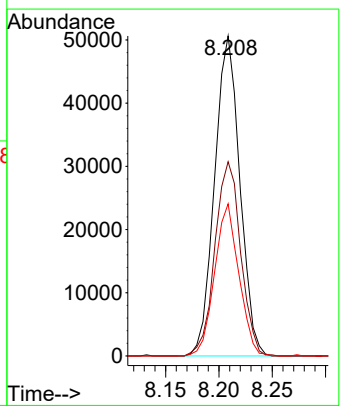
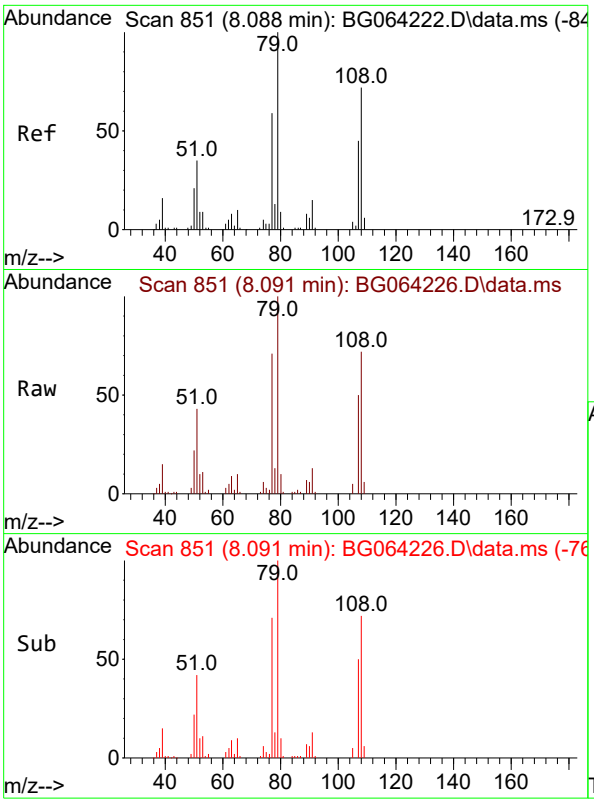


#14
1,2-Dichlorobenzene
Concen: 39.476 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:146 Resp: 83276

Ion	Ratio	Lower	Upper
146	100		
148	60.7	53.4	80.0
111	47.5	39.1	58.7





#15
Benzyl Alcohol
Concen: 38.856 ng
RT: 8.091 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 79 Resp: 8206

Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.4	86.0
77	71.0	47.2	70.8

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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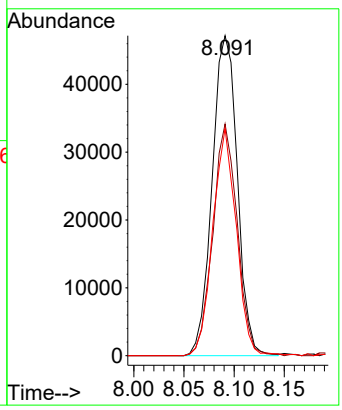
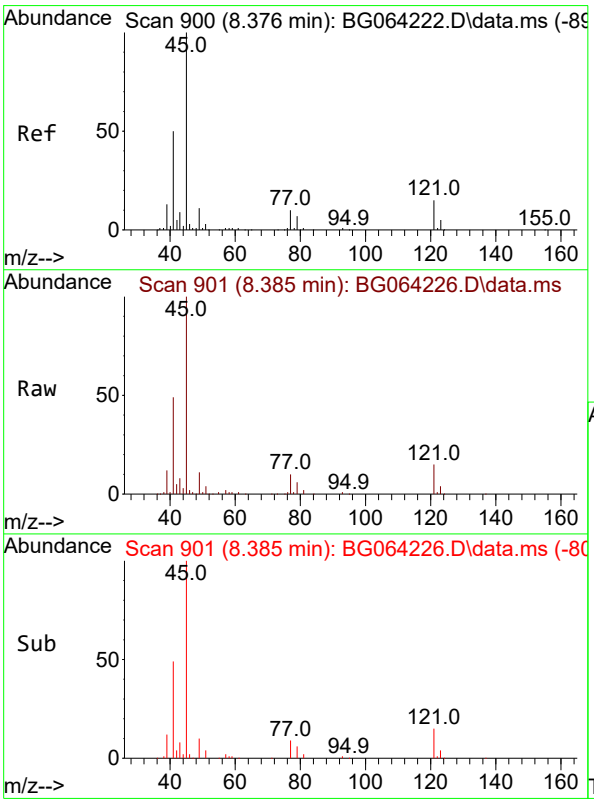
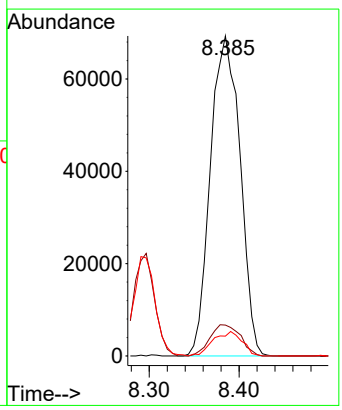


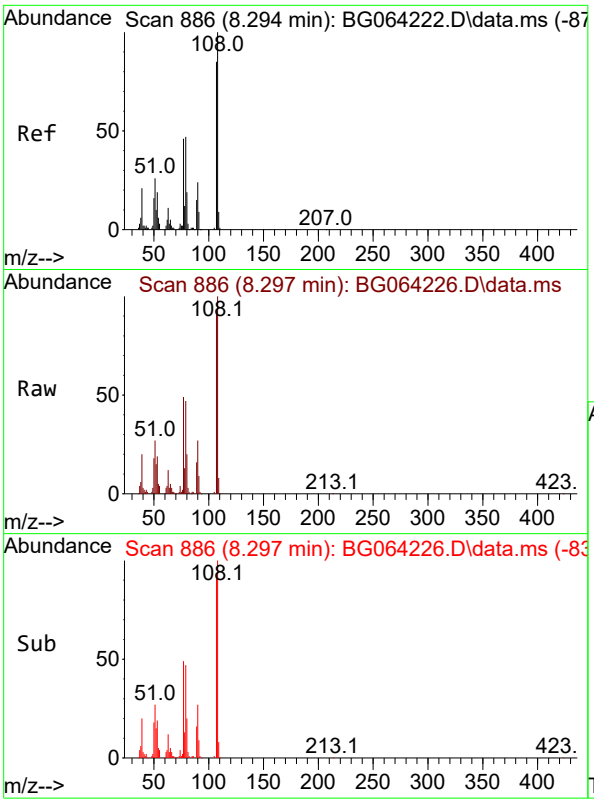


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.690 ng
RT: 8.385 min Scan# 901
Delta R.T. 0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 45 Resp: 158838

Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.0
79	6.2	0.0	27.9

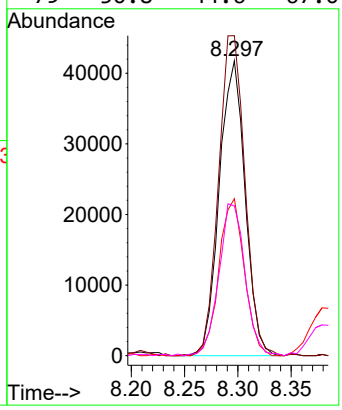




#17
2-Methylphenol
Concen: 37.241 ng
RT: 8.297 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:107 Resp: 7003

Ion	Ratio	Lower	Upper
107	100		
108	108.5	94.6	141.8
77	53.2	43.7	65.5
79	50.8	44.6	67.0



Instrument :
BNA_G
ClientSampleId :
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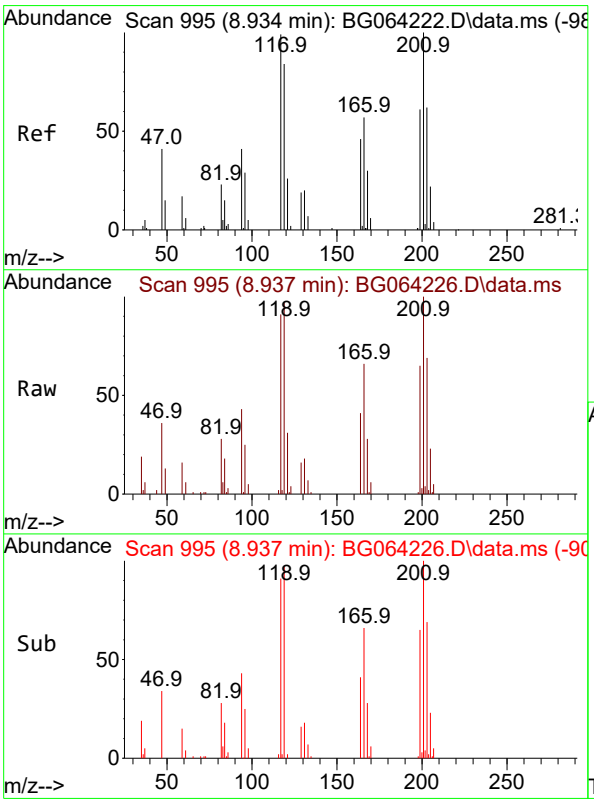
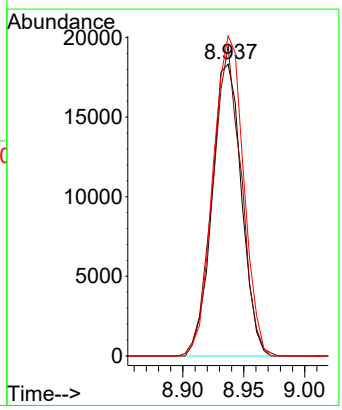
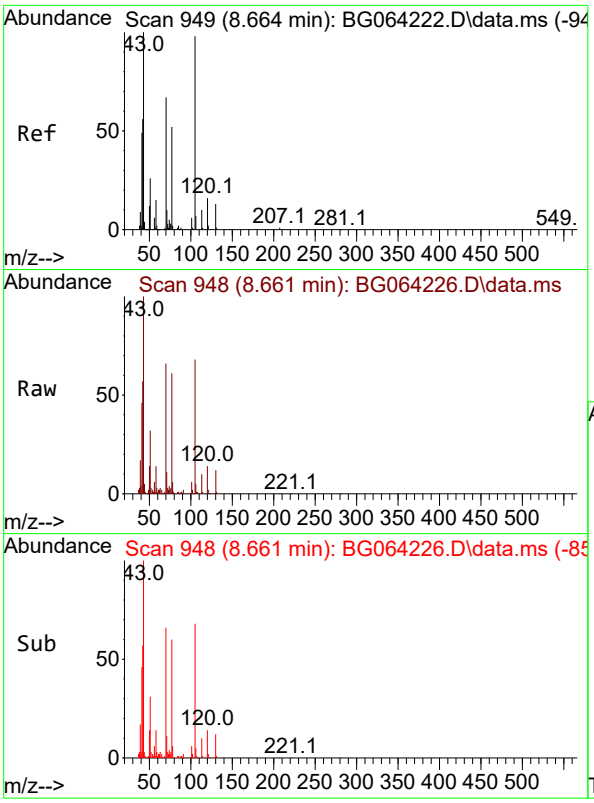


#18
Hexachloroethane
Concen: 36.223 ng
RT: 8.937 min Scan# 995
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:117 Resp: 30906

Ion	Ratio	Lower	Upper
117	100		
119	103.9	67.9	101.9#
201	107.4	80.5	120.7

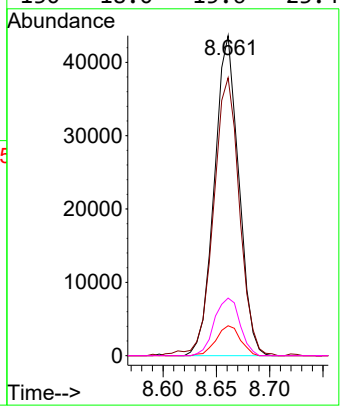




#19
n-Nitroso-di-n-propylamine
Concen: 39.592 ng
RT: 8.661 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 70 Resp: 6935

Ion	Ratio	Lower	Upper
70	100		
42	86.8	67.9	101.9
101	9.3	7.3	10.9
130	18.0	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
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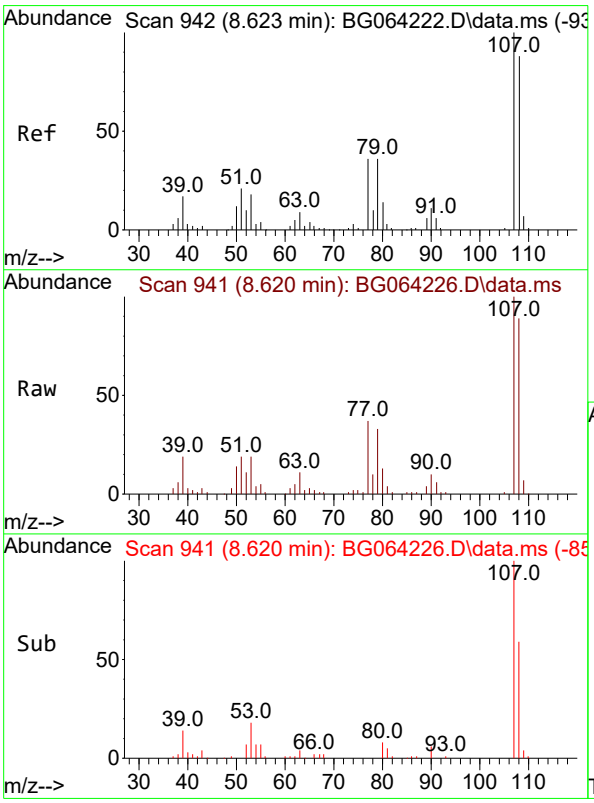
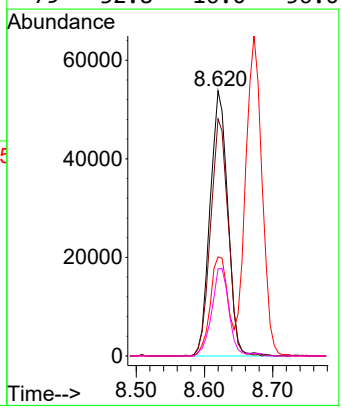
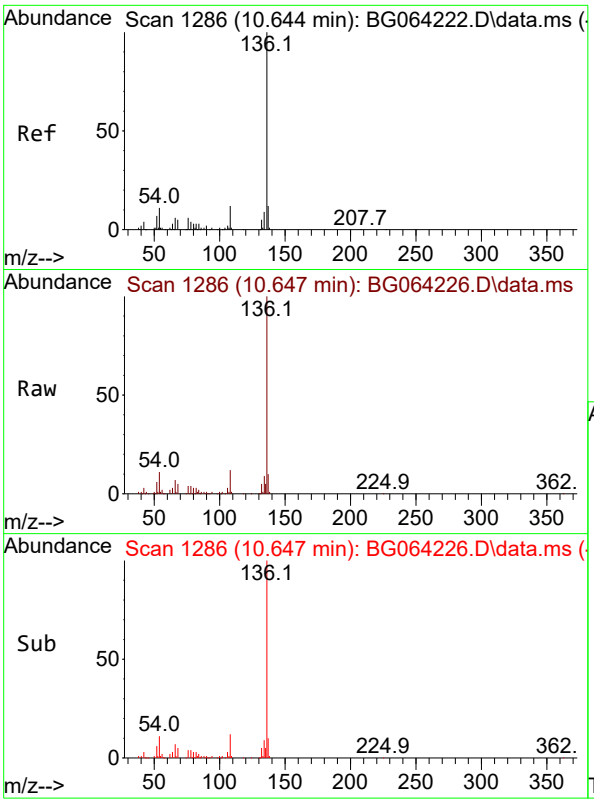


#20
3+4-Methylphenols
Concen: 37.186 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:107 Resp: 97172

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.1	108.1
77	37.3	15.9	55.9
79	32.8	16.0	56.0

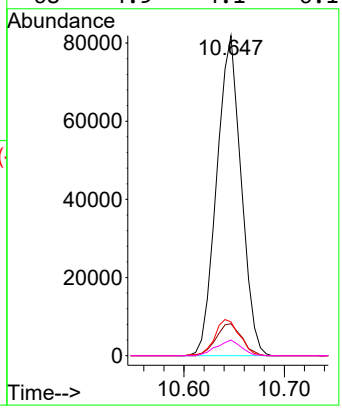




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:136 Resp: 13832

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.6	14.4
54	10.5	8.8	13.2
68	4.9	4.1	6.1



Instrument :
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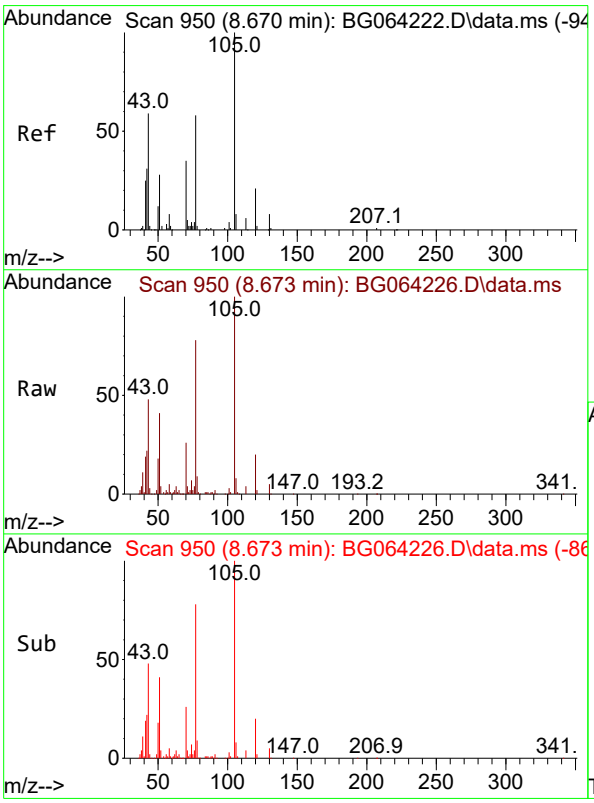
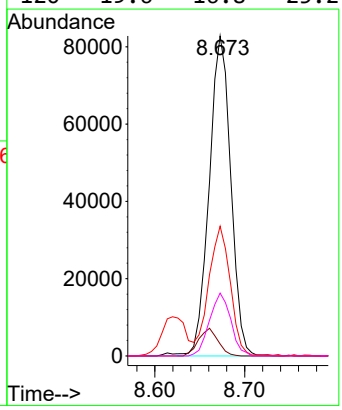
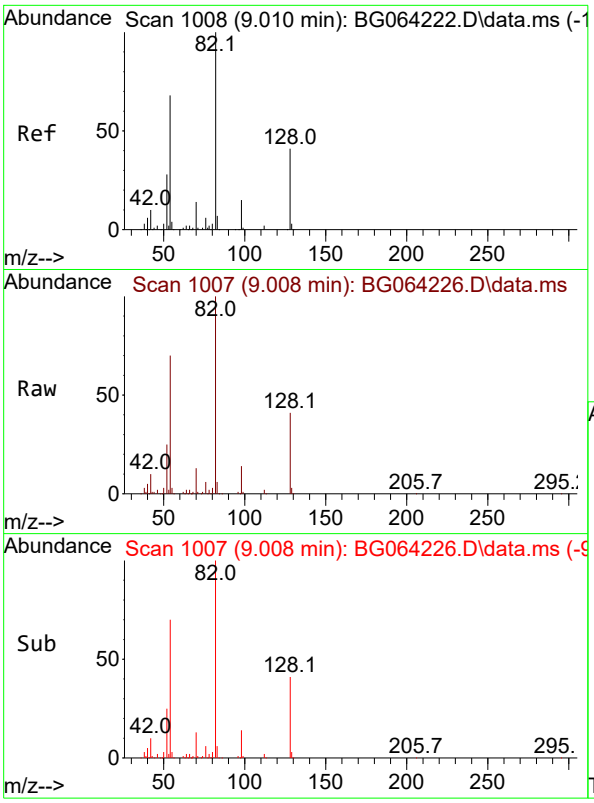


#22
Acetophenone
Concen: 39.493 ng
RT: 8.673 min Scan# 950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:105 Resp: 138203

Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.3	6.5#
51	40.5	32.4	48.6
120	19.6	16.8	25.2

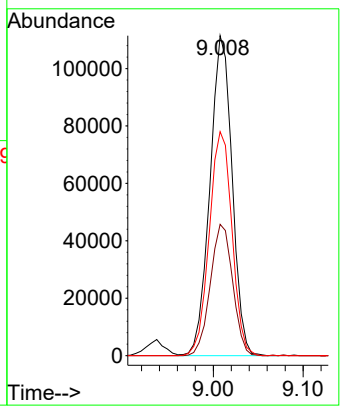




#23
Nitrobenzene-d5
Concen: 76.975 ng
RT: 9.008 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 82 Resp: 19091

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	48.8
54	70.0	54.7	82.1



Instrument :
BNA_G
ClientSampleId :
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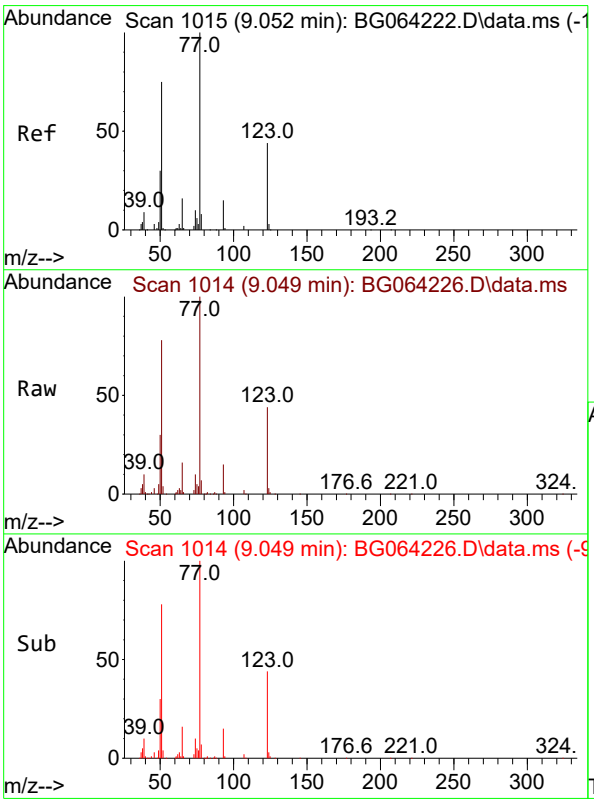
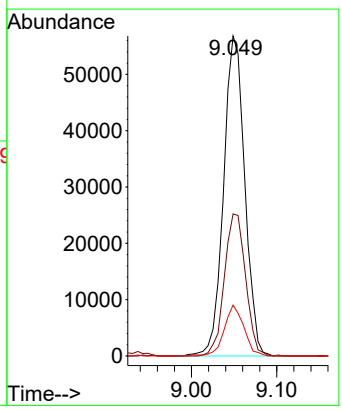
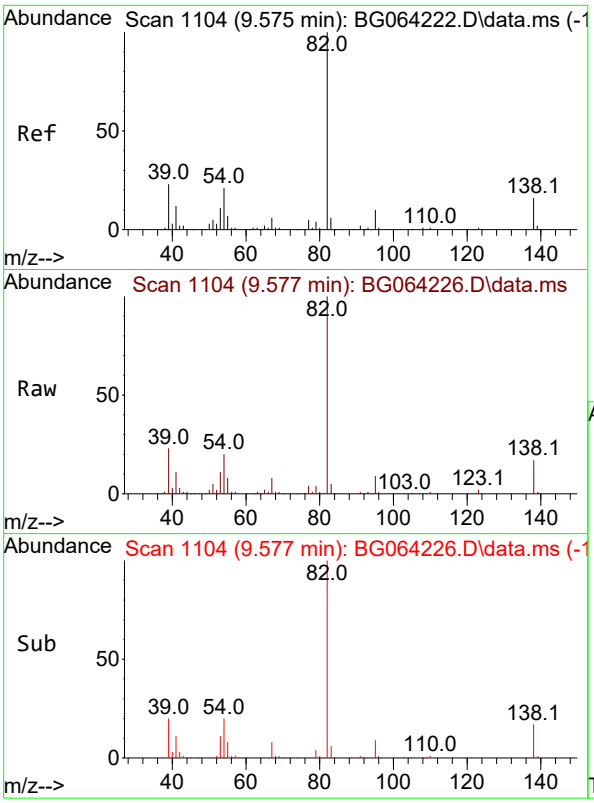


#24
Nitrobenzene
Concen: 37.815 ng
RT: 9.049 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 77 Resp: 97991

Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.2	52.8
65	15.9	12.6	19.0

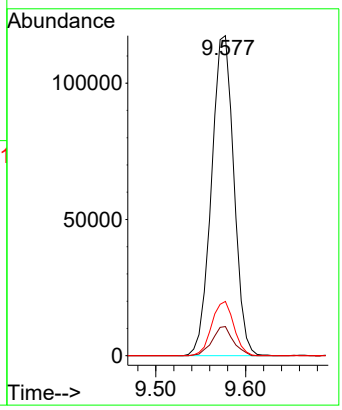




#25
Isophorone
Concen: 39.413 ng
RT: 9.577 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 82 Resp: 20315

Ion	Ratio	Lower	Upper
82	100		
95	9.1	7.9	11.9
138	16.9	13.0	19.4



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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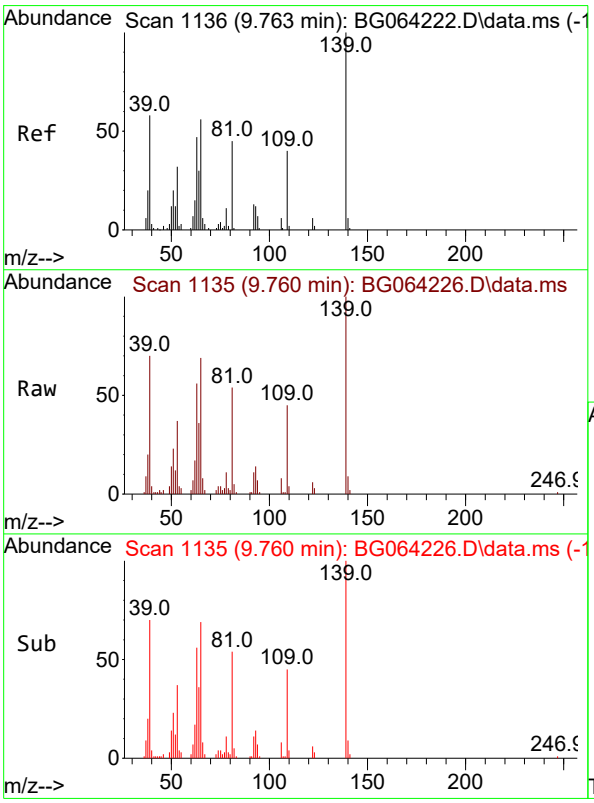
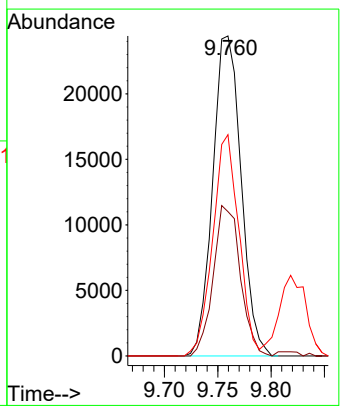
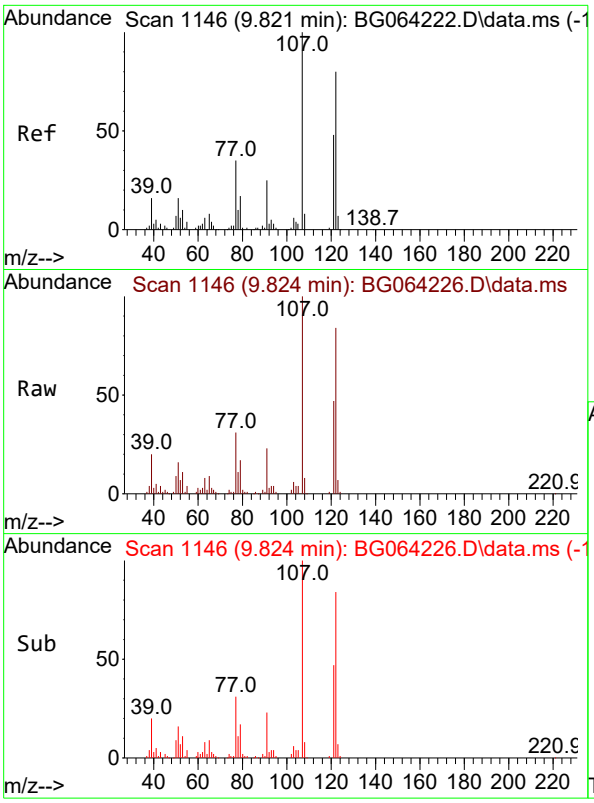


#26
2-Nitrophenol
Concen: 40.318 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:139 Resp: 45144

Ion	Ratio	Lower	Upper
139	100		
109	45.1	32.4	48.6
65	69.2	44.6	67.0#





#27
2,4-Dimethylphenol
Concen: 41.907 ng
RT: 9.824 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:122 Resp: 8238

Ion	Ratio	Lower	Upper
122	100		
107	118.4	99.9	149.9
121	55.2	48.6	72.8

Instrument :
BNA_G
ClientSampleId :
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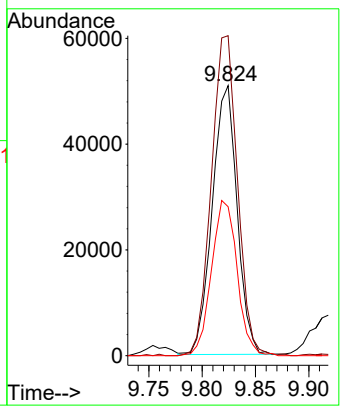
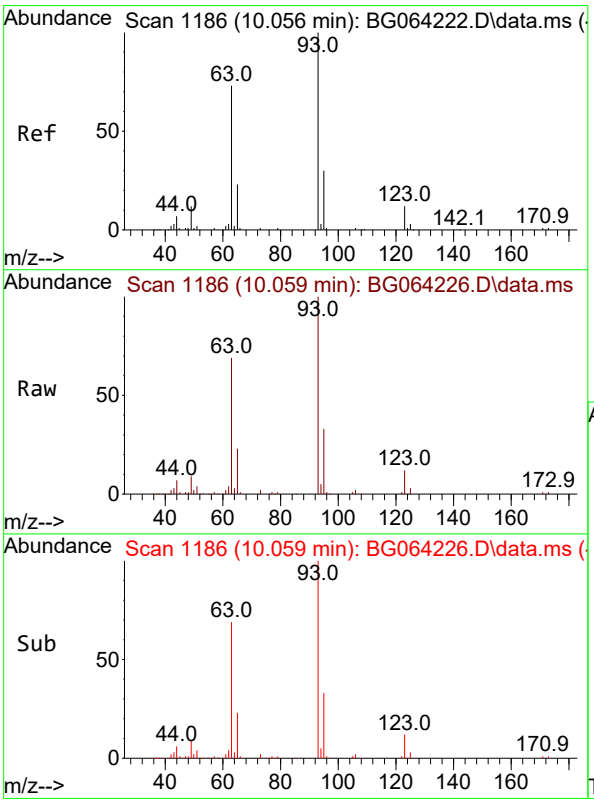
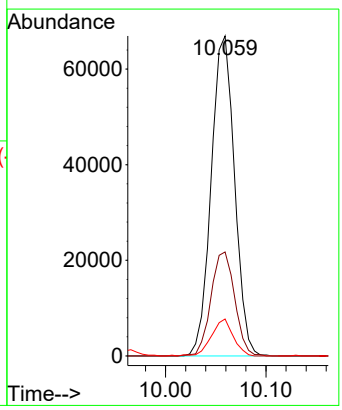


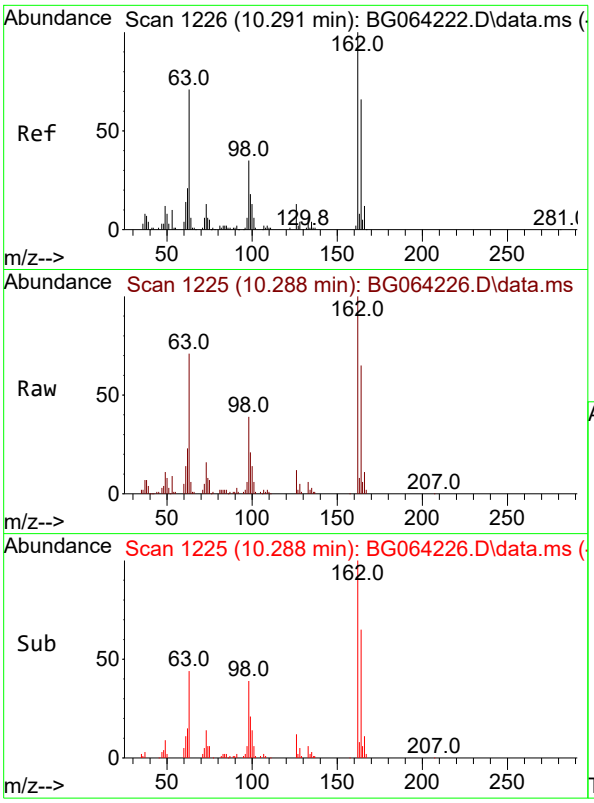


#28
bis(2-Chloroethoxy)methane
Concen: 38.946 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 93 Resp: 108249

Ion	Ratio	Lower	Upper
93	100		
95	32.5	23.9	35.9
123	11.5	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 37.784 ng
RT: 10.288 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:162 Resp: 7837

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.8	85.8
98	39.2	15.2	55.2

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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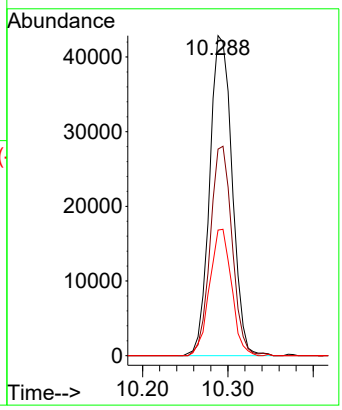
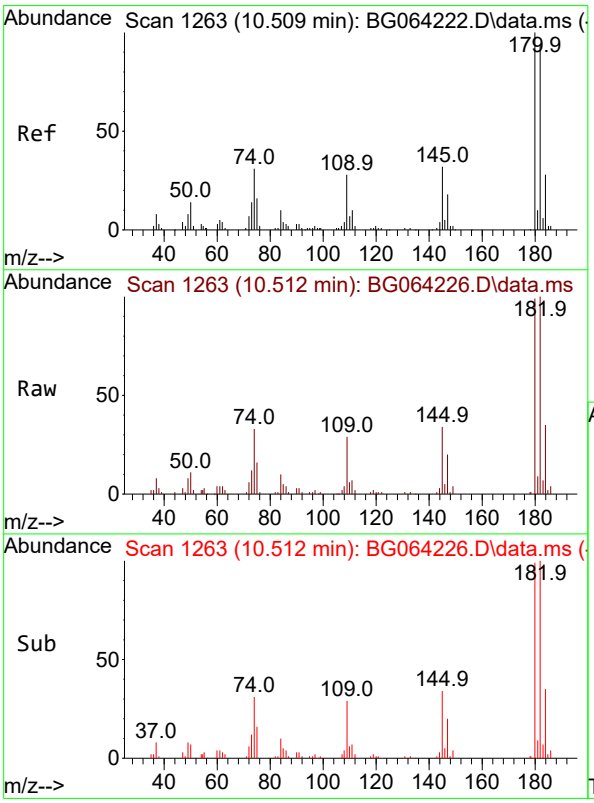
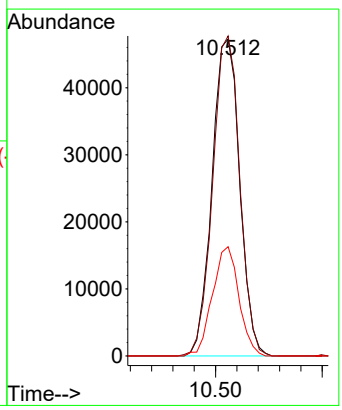


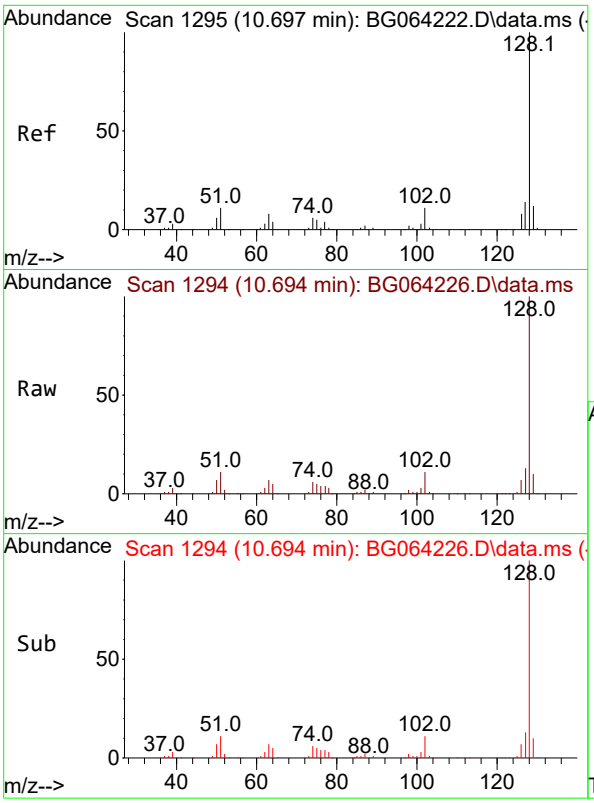


#30
1,2,4-Trichlorobenzene
Concen: 38.773 ng
RT: 10.512 min Scan# 1263
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:180 Resp: 84798

Ion	Ratio	Lower	Upper
180	100		
182	100.9	75.0	112.6
145	34.5	25.4	38.0

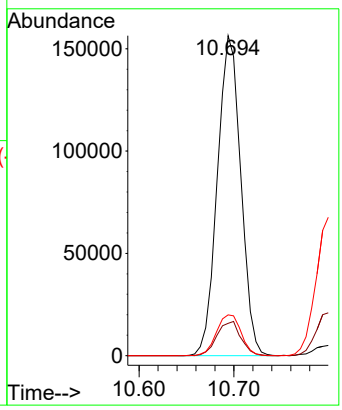




#31
Naphthalene
Concen: 37.507 ng
RT: 10.694 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:128 Resp: 26902

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.4	14.2
127	12.8	10.9	16.3



Instrument :
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ClientSampleId :
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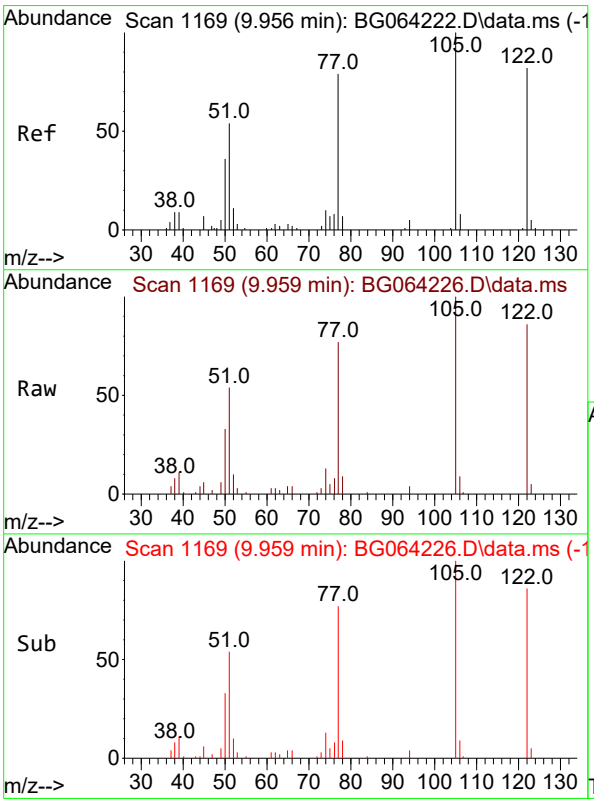
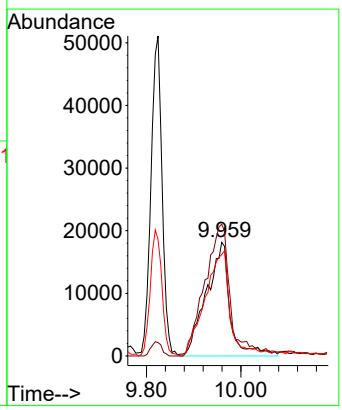
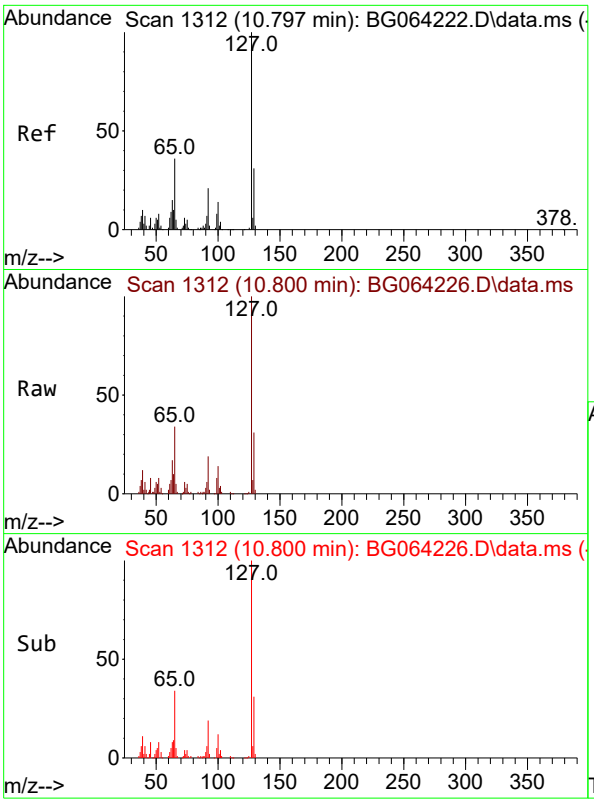


#32
Benzoic acid
Concen: 40.656 ng m
RT: 9.959 min Scan# 1169
Delta R.T. -0.056 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:122 Resp: 63444

Ion	Ratio	Lower	Upper
122	100		
105	116.0	98.5	138.5
77	89.2	74.6	114.6

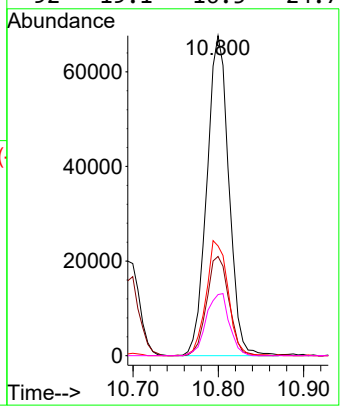




#33
4-Chloroaniline
Concen: 43.702 ng
RT: 10.800 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:127 Resp: 12149

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.0	37.4
65	34.3	28.7	43.1
92	19.1	16.5	24.7



Instrument :
BNA_G
ClientSampleId :
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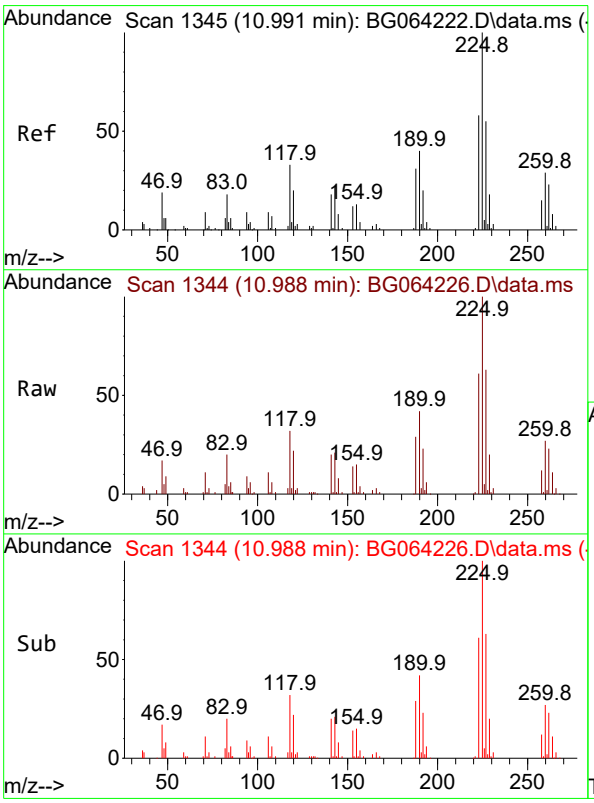
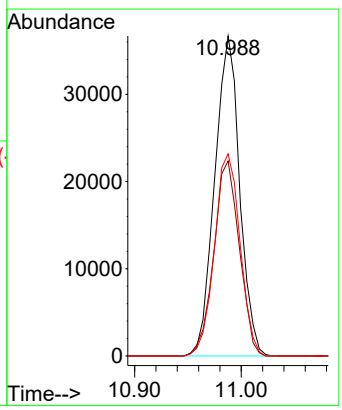
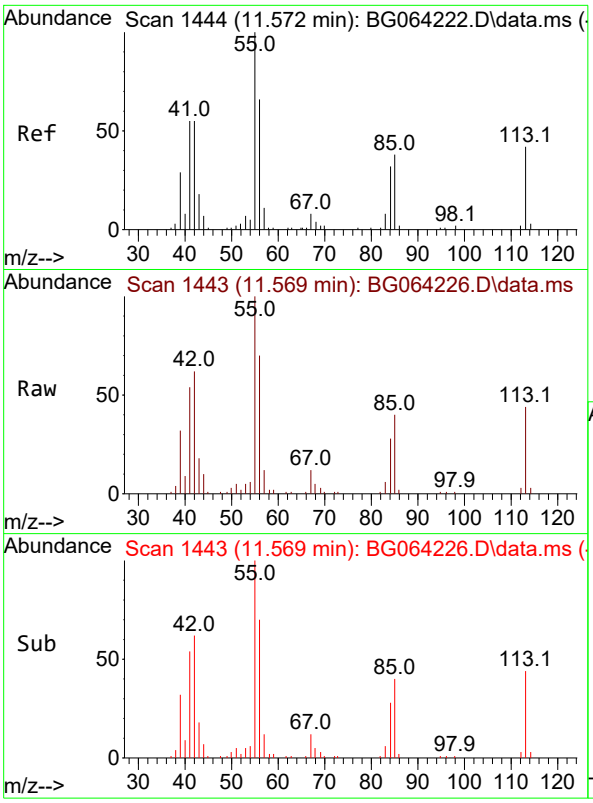


#34
Hexachlorobutadiene
Concen: 36.817 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:225 Resp: 59520

Ion	Ratio	Lower	Upper
225	100		
223	60.9	46.5	69.7
227	63.2	44.1	66.1

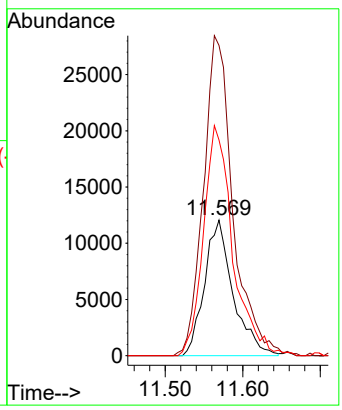




#35
Caprolactam
Concen: 38.456 ng
RT: 11.569 min Scan# 14
Delta R.T. -0.033 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:113 Resp: 3088

Ion	Ratio	Lower	Upper
113	100		
55	229.0	218.5	258.5
56	159.2	138.5	178.5



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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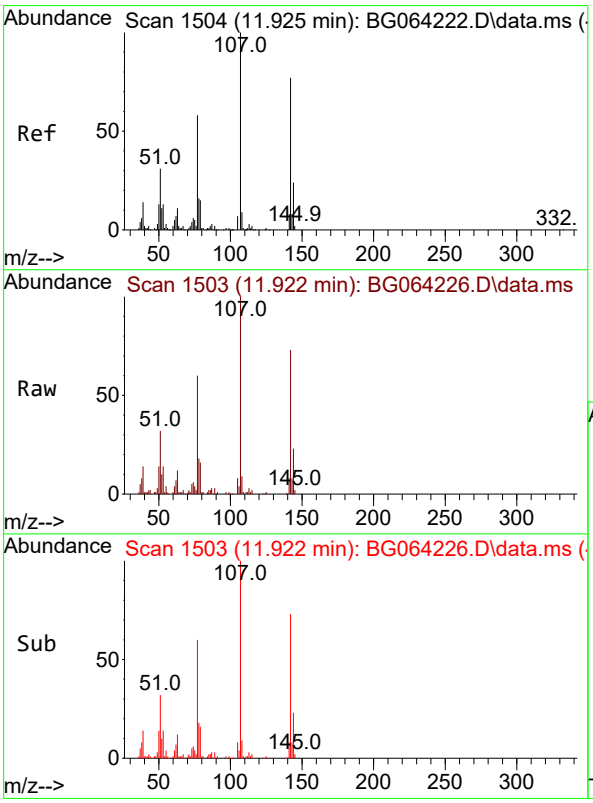
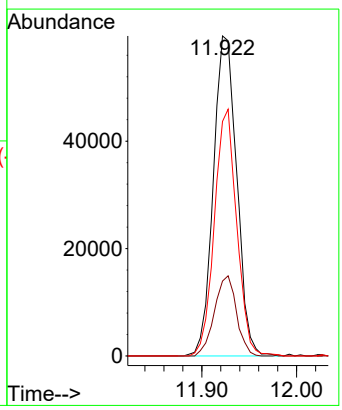
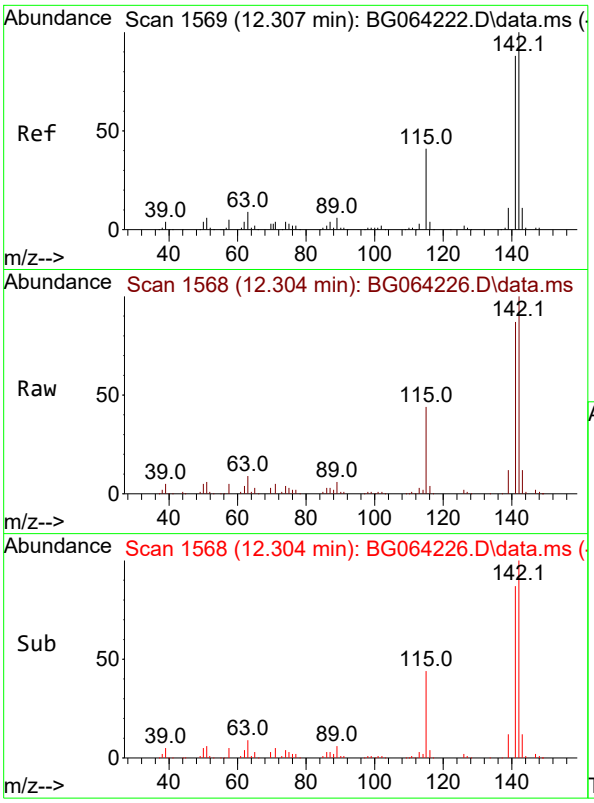


#36
4-Chloro-3-methylphenol
Concen: 38.019 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:107 Resp: 102318

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.5	29.3
142	73.3	62.0	93.0

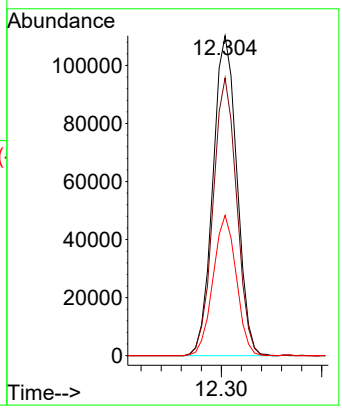




#37
2-Methylnaphthalene
Concen: 34.277 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:142 Resp: 18274

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.1	105.1
115	43.8	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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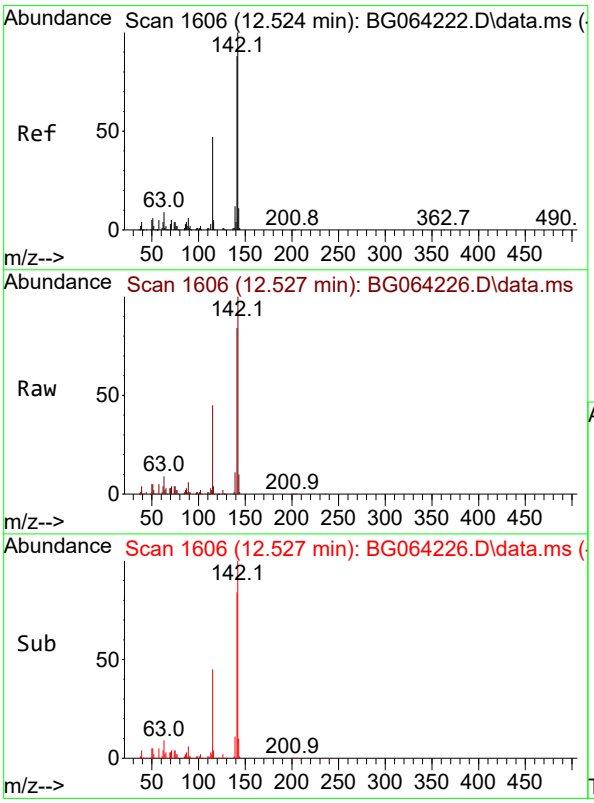
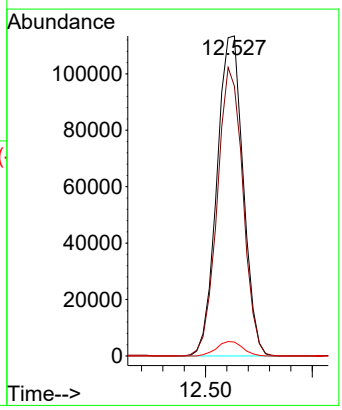
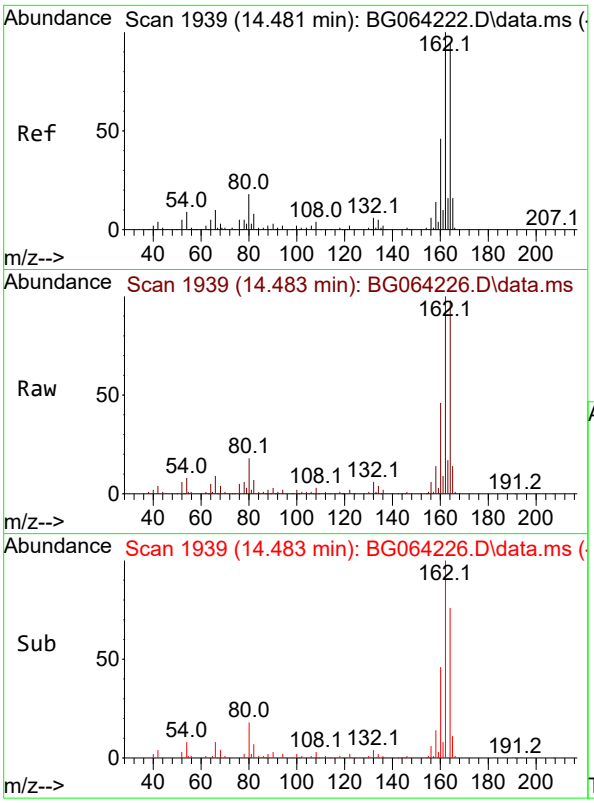


#38
1-Methylnaphthalene
Concen: 36.825 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:142 Resp: 193924

Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.3	105.5
116	4.3	3.7	5.5

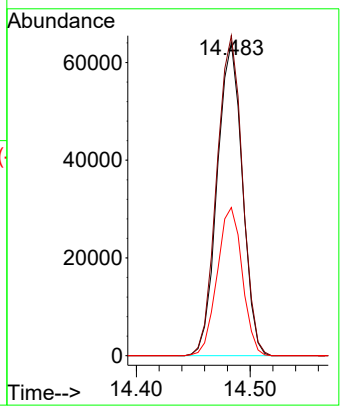




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:164 Resp: 9811

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.4	128.0
160	47.3	39.2	58.8



Instrument :
BNA_G
ClientSampleId :
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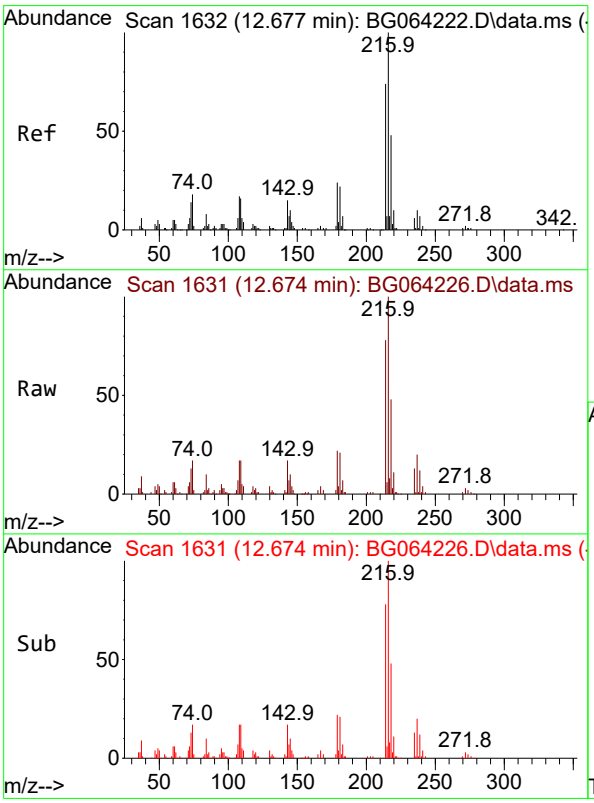
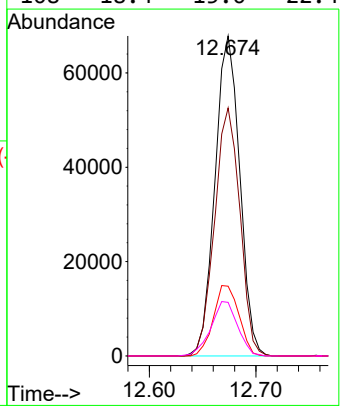
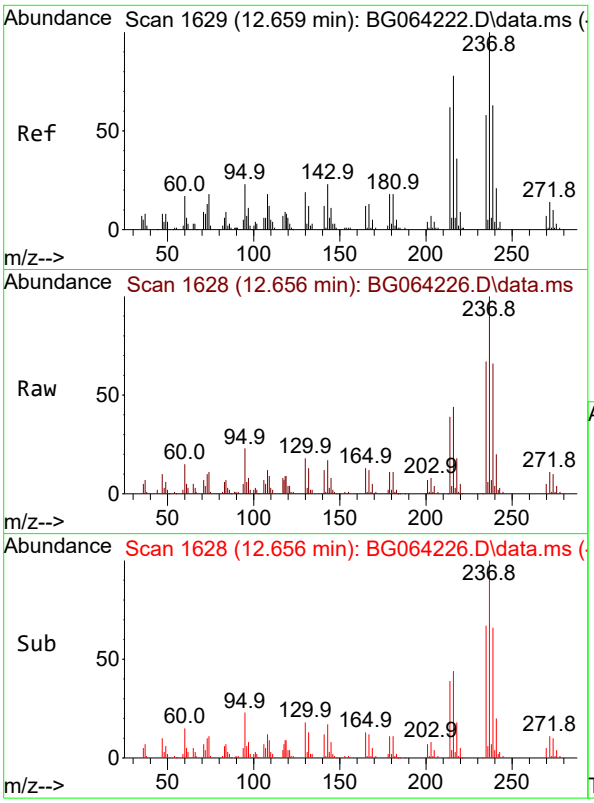


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.648 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:216 Resp: 109403

Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.9	92.9
179	22.7	17.9	26.9
108	18.4	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 51.474 ng
RT: 12.656 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:237 Resp: 6925

Ion	Ratio	Lower	Upper
237	100		
235	67.1	37.9	77.9
272	11.1	0.0	33.8

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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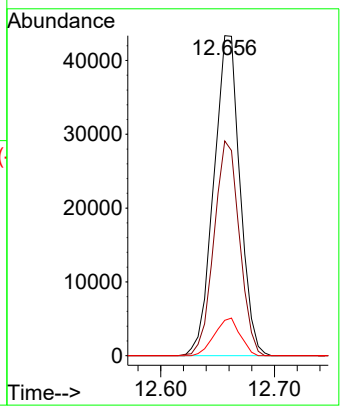
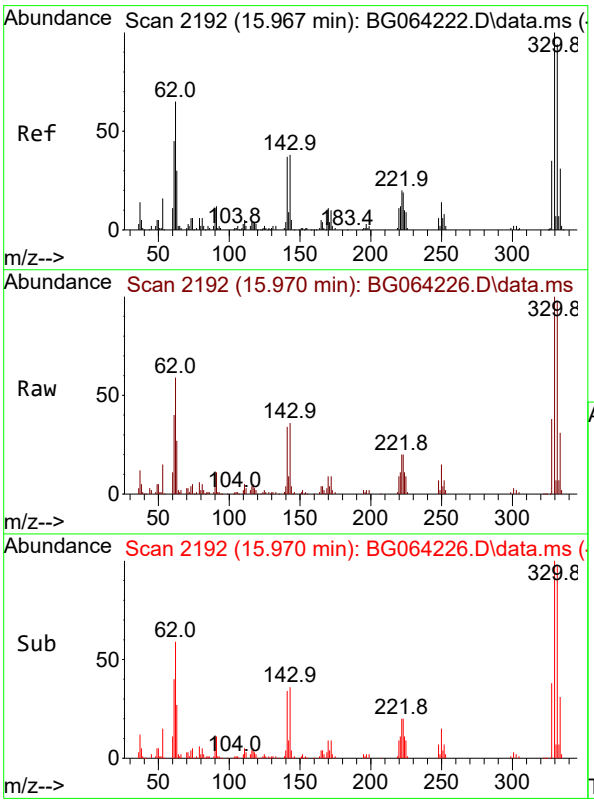
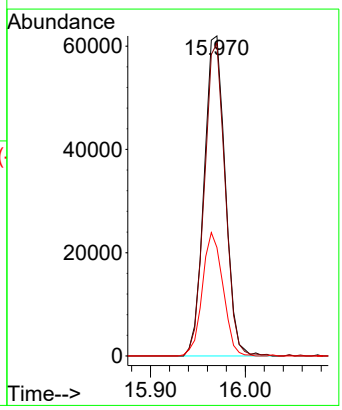


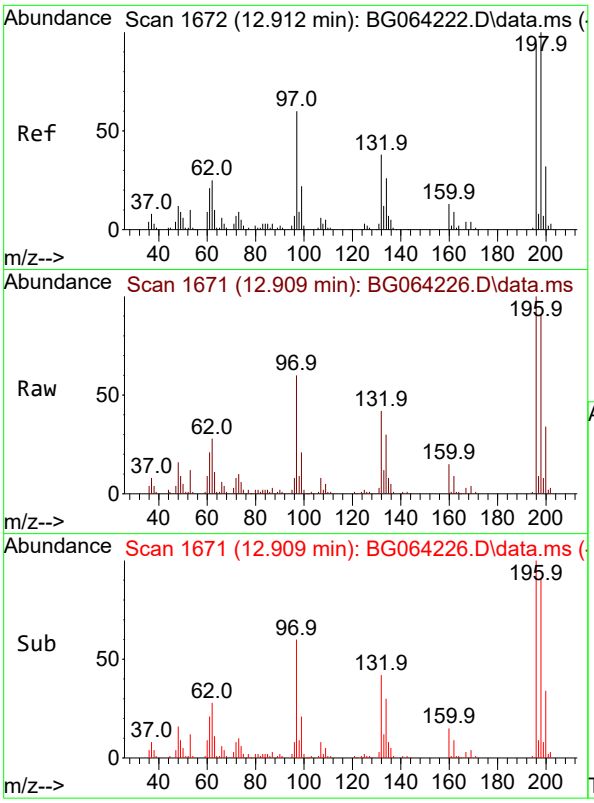


#42
2,4,6-Tribromophenol
Concen: 73.586 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:330 Resp: 95626

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	37.7	29.8	44.6

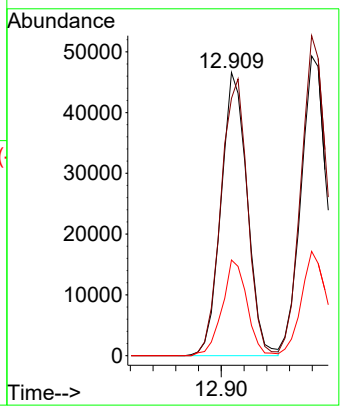




#43
2,4,6-Trichlorophenol
Concen: 39.413 ng
RT: 12.909 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:196 Resp: 7457

Ion	Ratio	Lower	Upper
196	100		
198	90.8	85.4	128.2
200	33.8	27.3	40.9



Instrument :
BNA_G
ClientSampleId :
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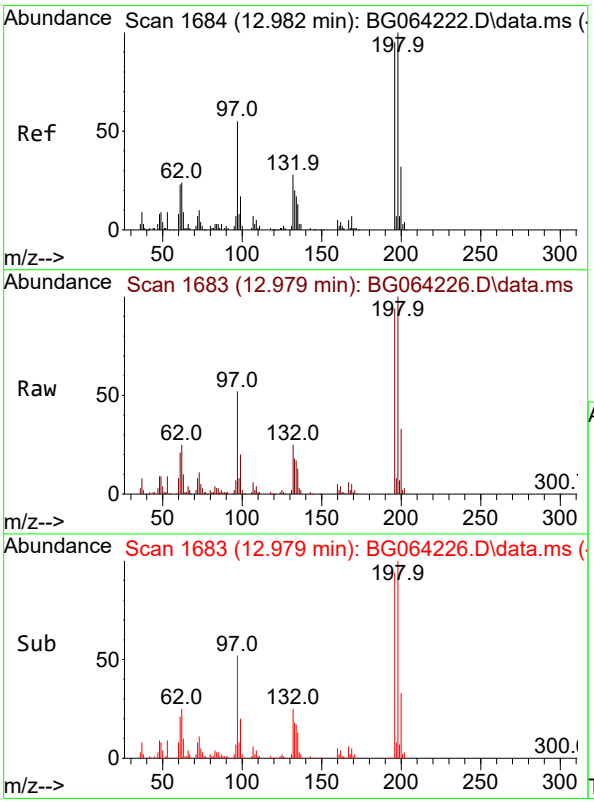
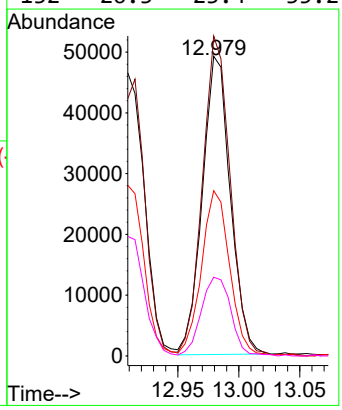
Supervised By :Jagrut Upadhyay 08/29/2025

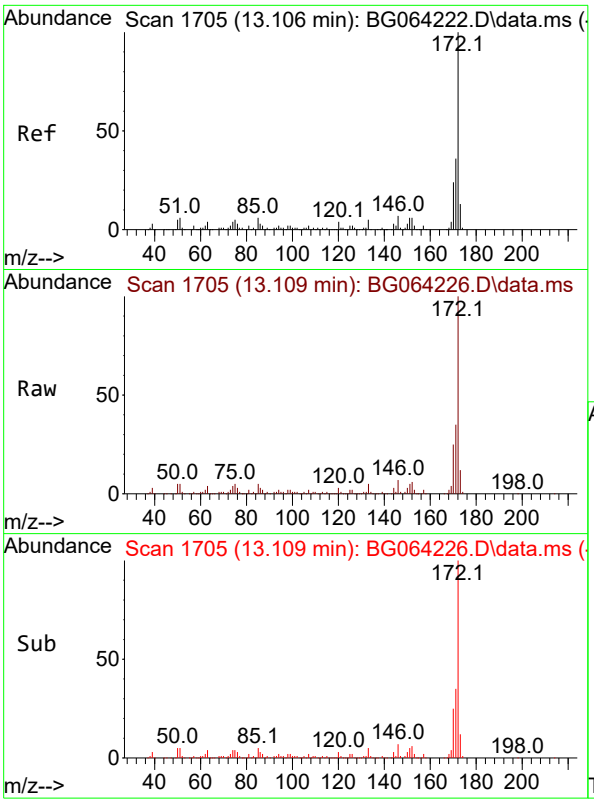


#44
2,4,5-Trichlorophenol
Concen: 38.249 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:196 Resp: 78503

Ion	Ratio	Lower	Upper
196	100		
198	106.8	84.5	126.7
97	55.2	46.8	70.2
132	26.3	23.4	35.2

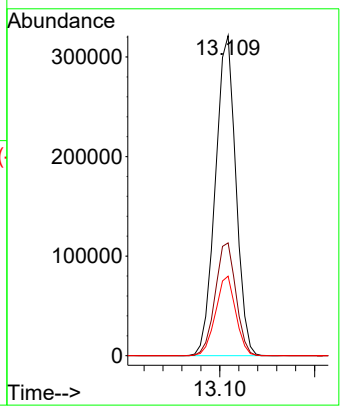




#45
2-Fluorobiphenyl
Concen: 75.105 ng
RT: 13.109 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:172 Resp: 48275

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	24.9	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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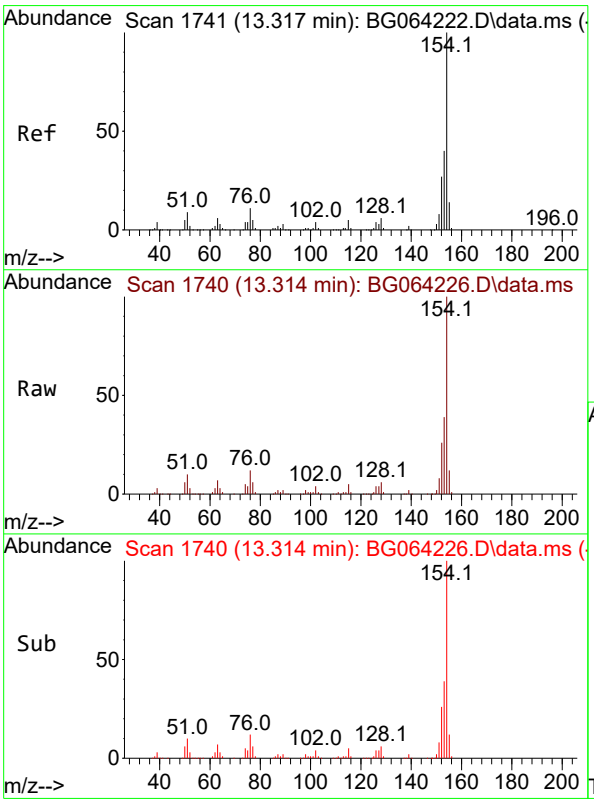
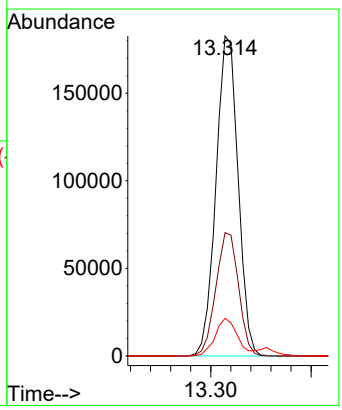
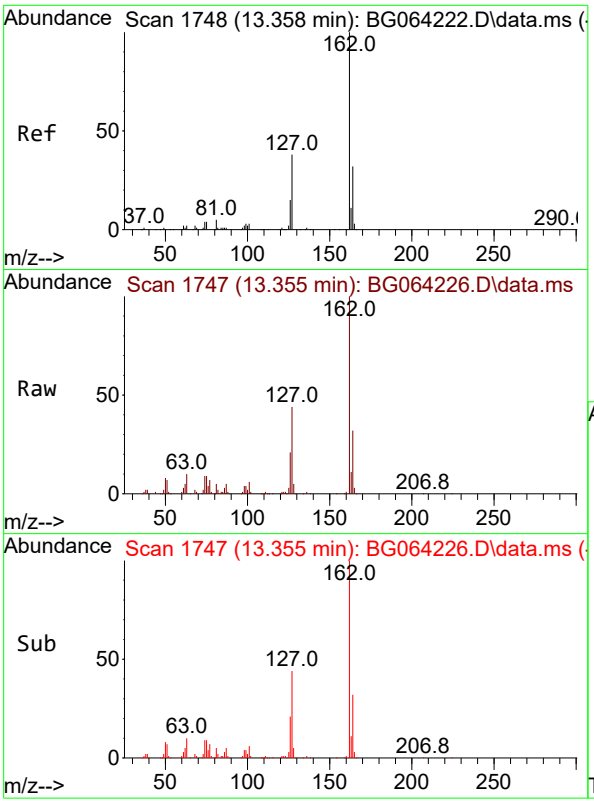


#46
1,1'-Biphenyl
Concen: 39.011 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:154 Resp: 278762

Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.9	59.9
76	11.7	0.0	30.9

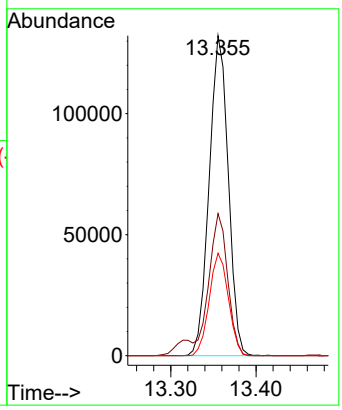




#47
2-Chloronaphthalene
Concen: 38.279 ng
RT: 13.355 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:162 Resp: 20564

Ion	Ratio	Lower	Upper
162	100		
127	44.4	33.9	50.9
164	32.0	25.4	38.2



Instrument :
BNA_G
ClientSampleId :
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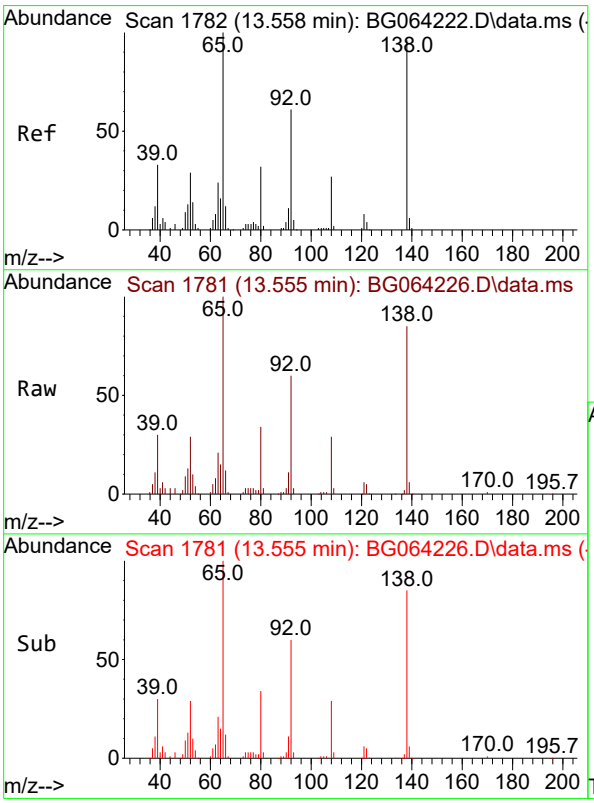
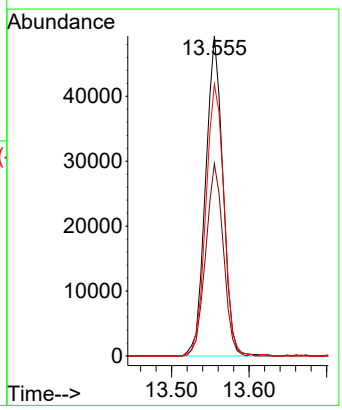
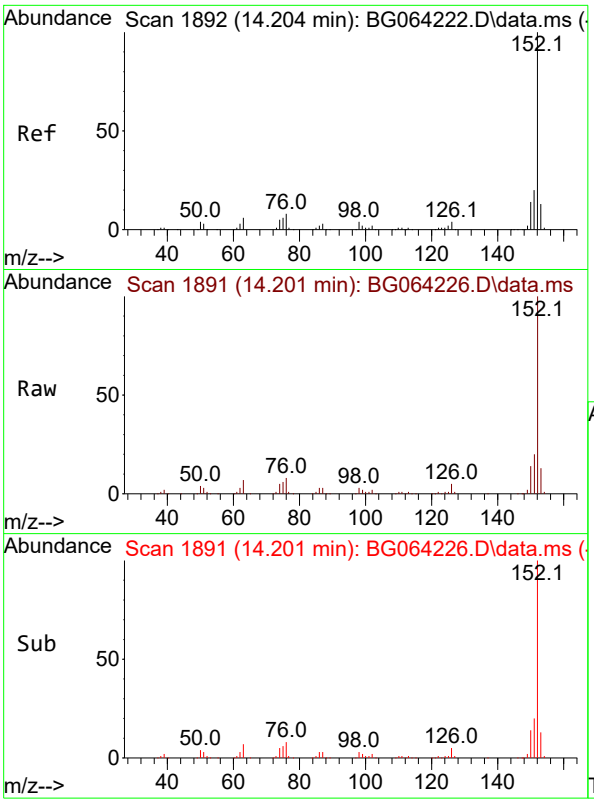


#48
2-Nitroaniline
Concen: 41.777 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 65 Resp: 76496

Ion	Ratio	Lower	Upper
65	100		
92	60.1	49.2	73.8
138	84.9	76.8	115.2

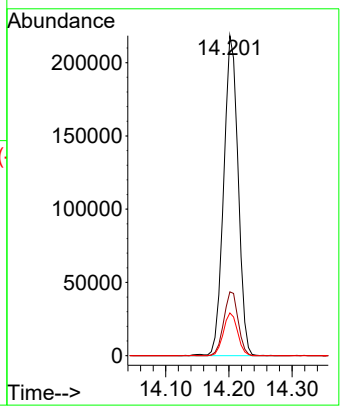




#49
Acenaphthylene
Concen: 43.553 ng
RT: 14.201 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:152 Resp: 34586

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.4	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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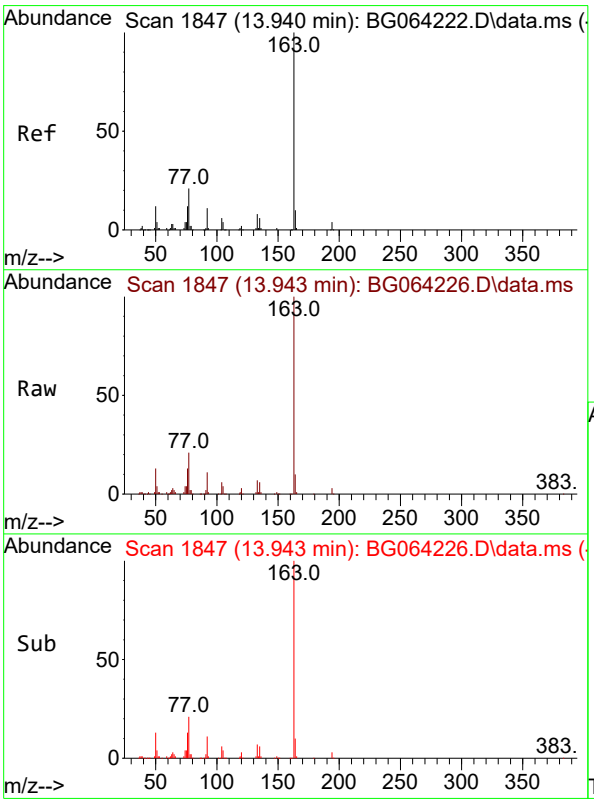
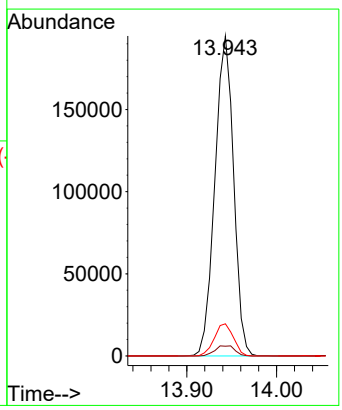
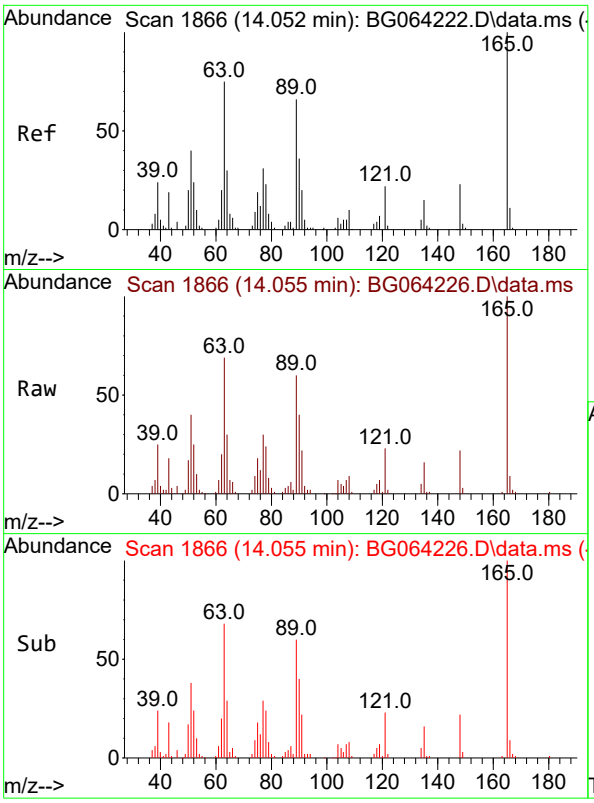


#50
Dimethylphthalate
Concen: 37.909 ng
RT: 13.943 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:163 Resp: 281514

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 42.818 ng
RT: 14.055 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:165 Resp: 6155

Ion	Ratio	Lower	Upper
165	100		
63	68.9	60.3	90.5
89	59.9	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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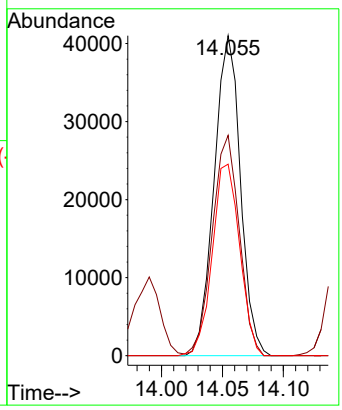
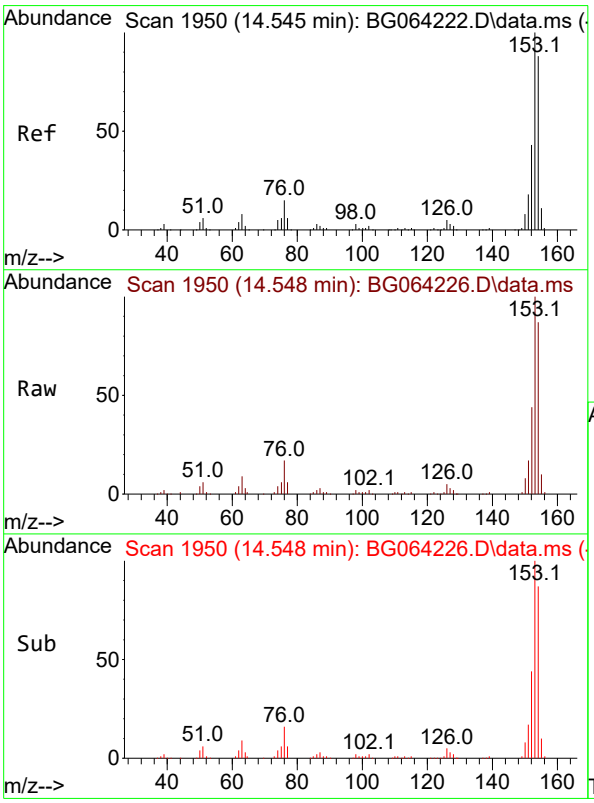
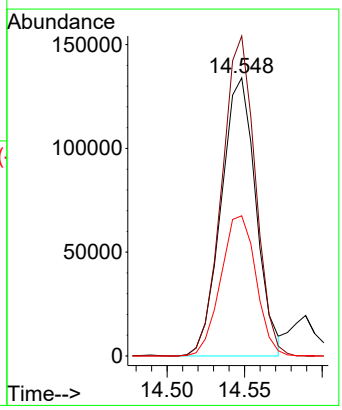


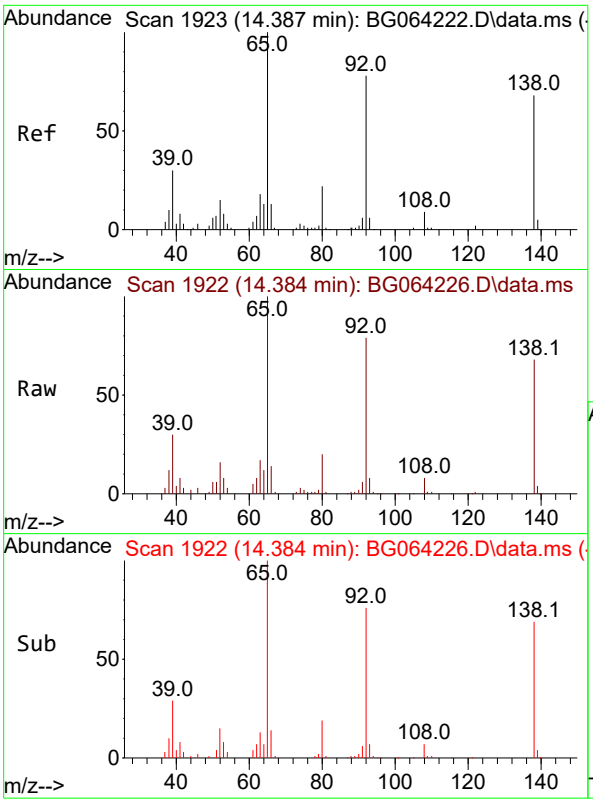


#52
Acenaphthene
Concen: 37.235 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:154 Resp: 208675

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.1	136.7
152	50.4	39.6	59.4

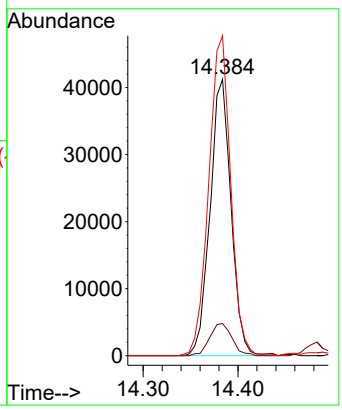




#53
3-Nitroaniline
Concen: 42.058 ng
RT: 14.384 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:138 Resp: 6333

Ion	Ratio	Lower	Upper
138	100		
108	11.6	11.0	16.6
92	115.8	91.4	137.0



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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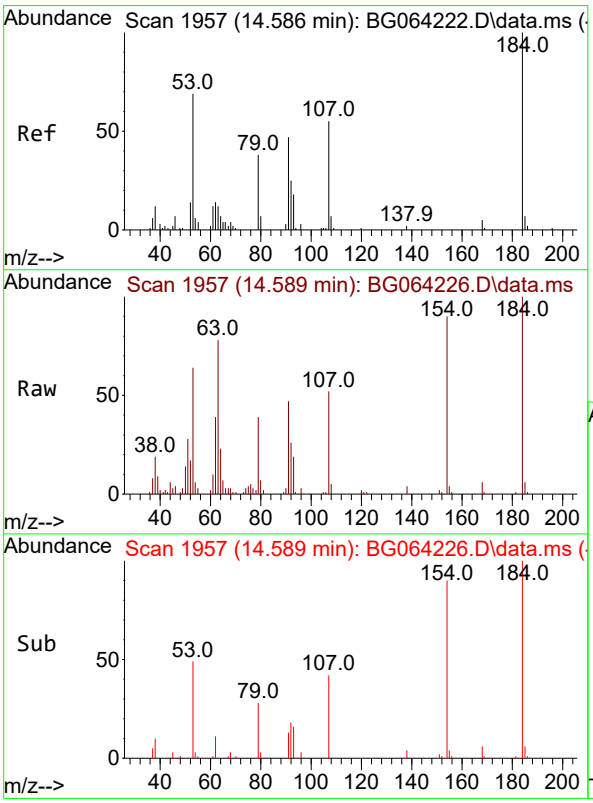
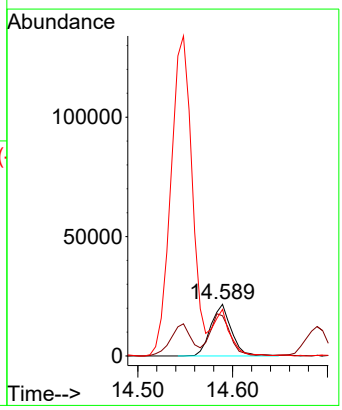
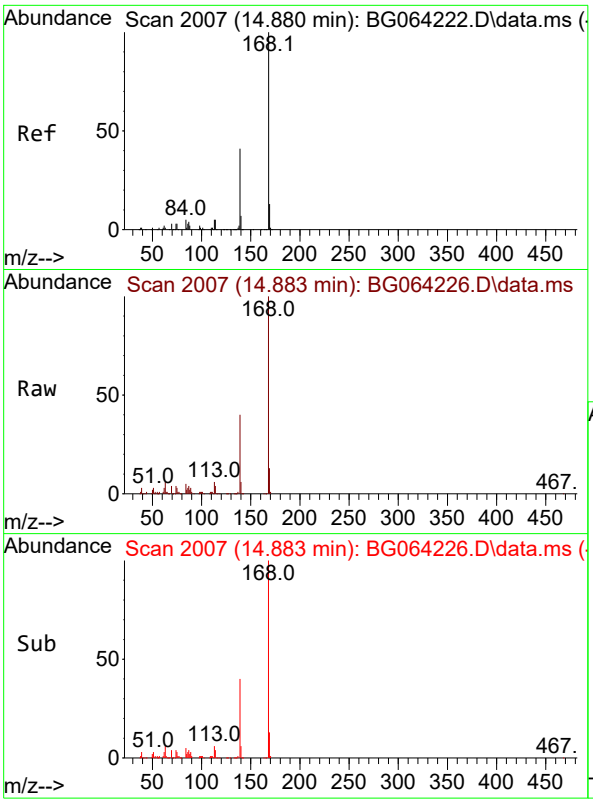


#54
2,4-Dinitrophenol
Concen: 37.975 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:184 Resp: 32669

Ion	Ratio	Lower	Upper
184	100		
63	77.7	60.1	90.1
154	90.2	59.8	89.8#

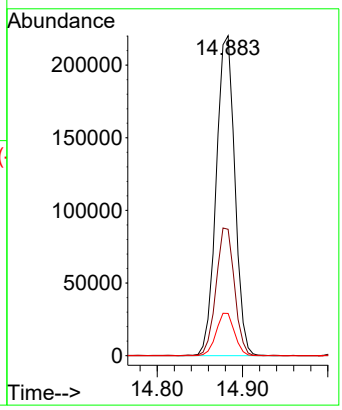




#55
Dibenzofuran
Concen: 37.793 ng
RT: 14.883 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:168 Resp: 33314

Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.2	49.8
169	13.2	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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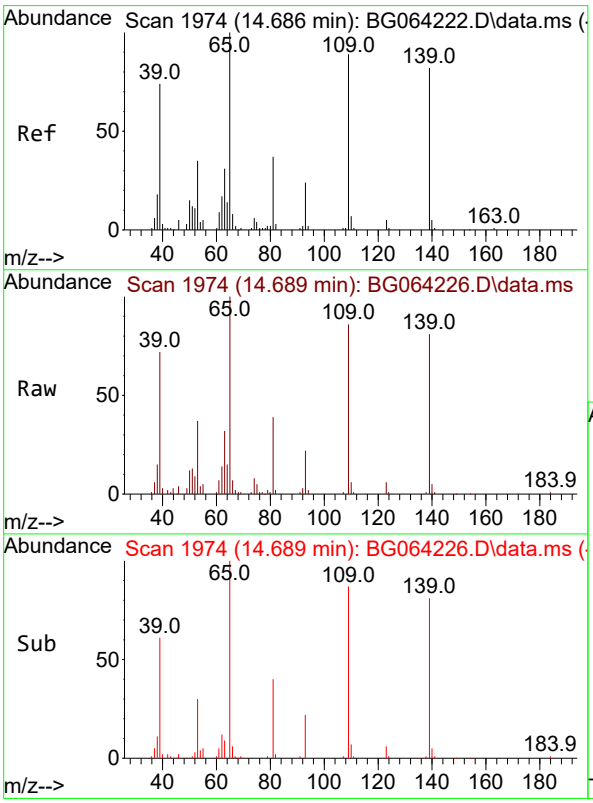
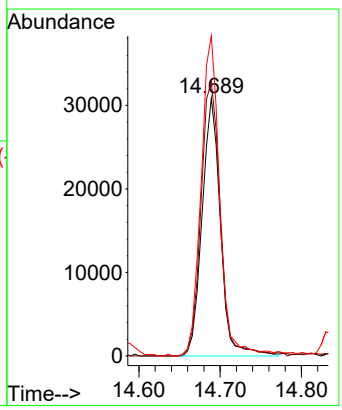
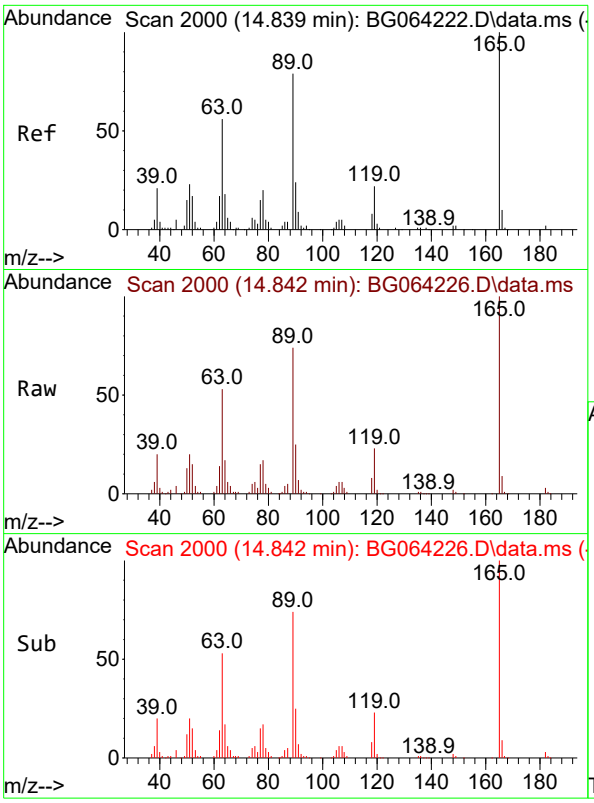


#56
4-Nitrophenol
Concen: 39.235 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:139 Resp: 48467

Ion	Ratio	Lower	Upper
139	100		
109	106.3	89.1	129.1
65	124.1	102.9	142.9

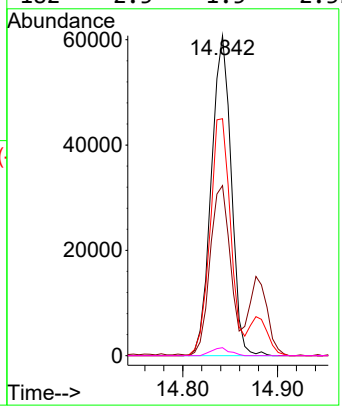




#57
2,4-Dinitrotoluene
Concen: 40.756 ng
RT: 14.842 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:165 Resp: 8859

Ion	Ratio	Lower	Upper
165	100		
63	53.2	44.6	67.0
89	74.1	63.0	94.4
182	2.5	1.5	2.3#



Instrument :
BNA_G
ClientSampleId :
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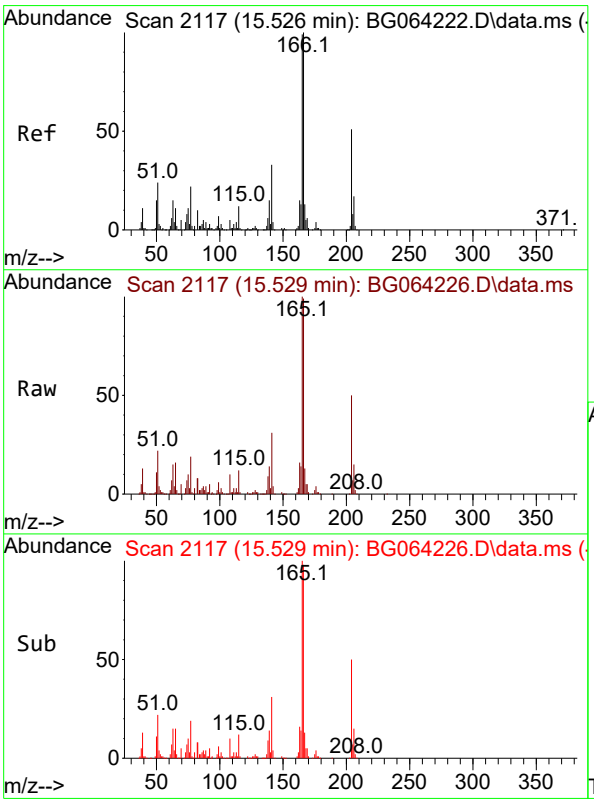
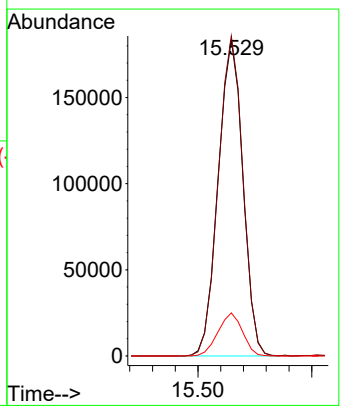
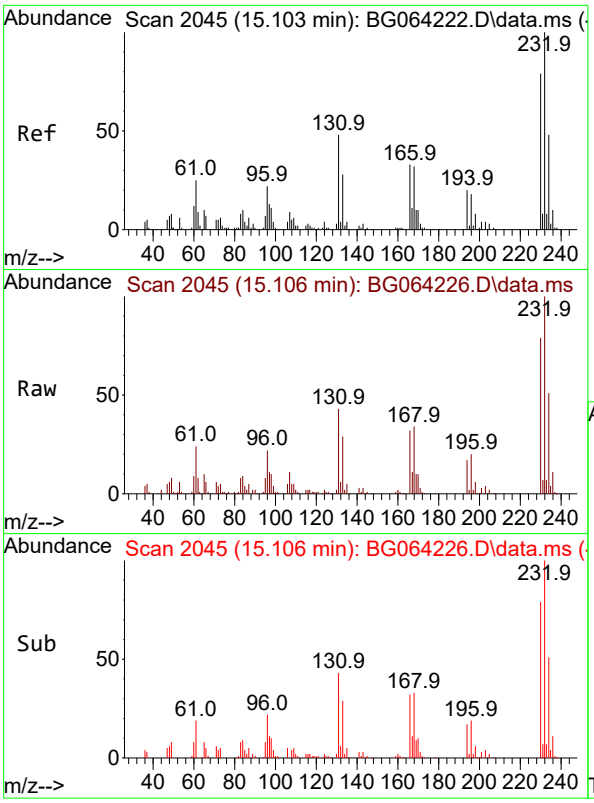


#58
Fluorene
Concen: 38.343 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:166 Resp: 277028

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.1	118.7
167	13.6	10.2	15.4

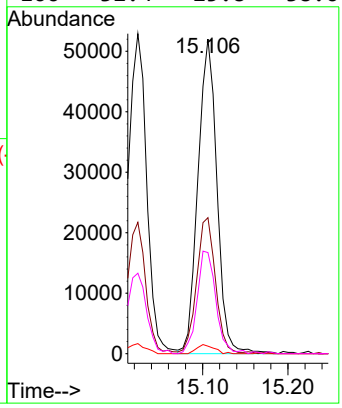




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.784 ng
RT: 15.106 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:232 Resp: 8050

Ion	Ratio	Lower	Upper
232	100		
131	43.0	37.1	55.7
130	2.6	2.6	3.8
166	32.4	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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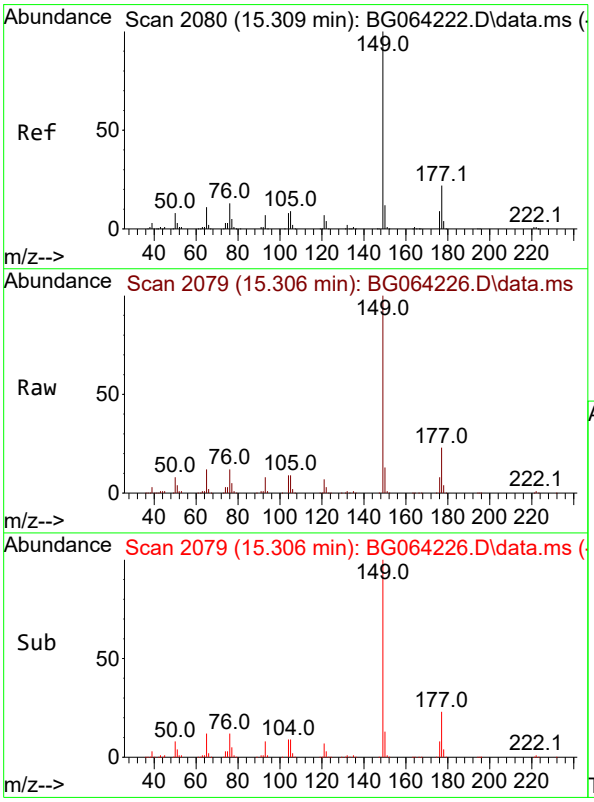
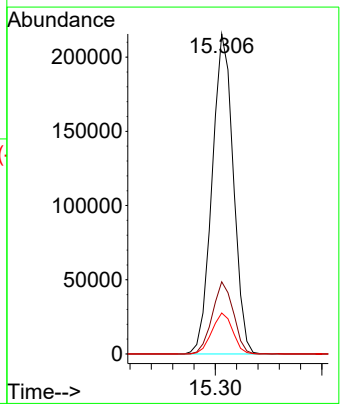
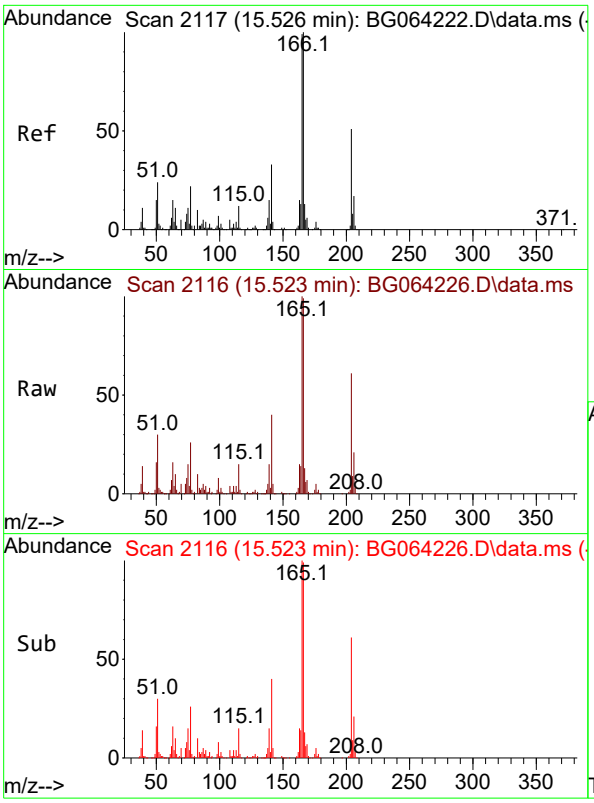


#60
Diethylphthalate
Concen: 37.474 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 297822

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.5	26.3
150	12.8	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.983 ng
RT: 15.523 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:204 Resp: 13682

Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.4
141	65.0	51.9	77.9

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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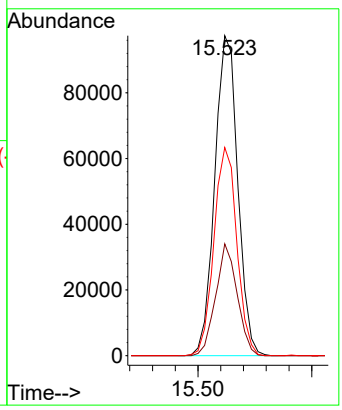
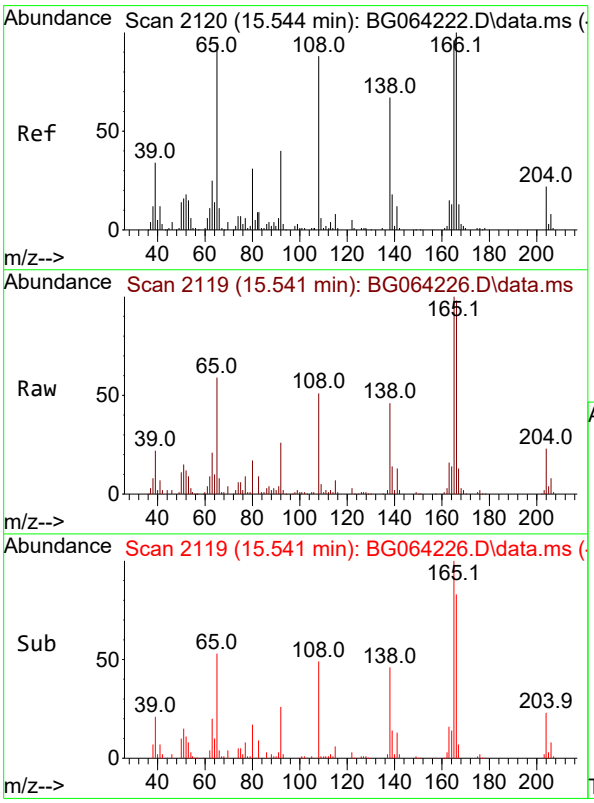
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

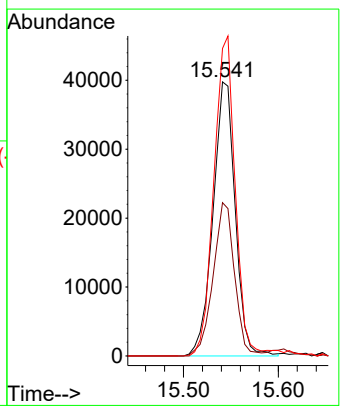


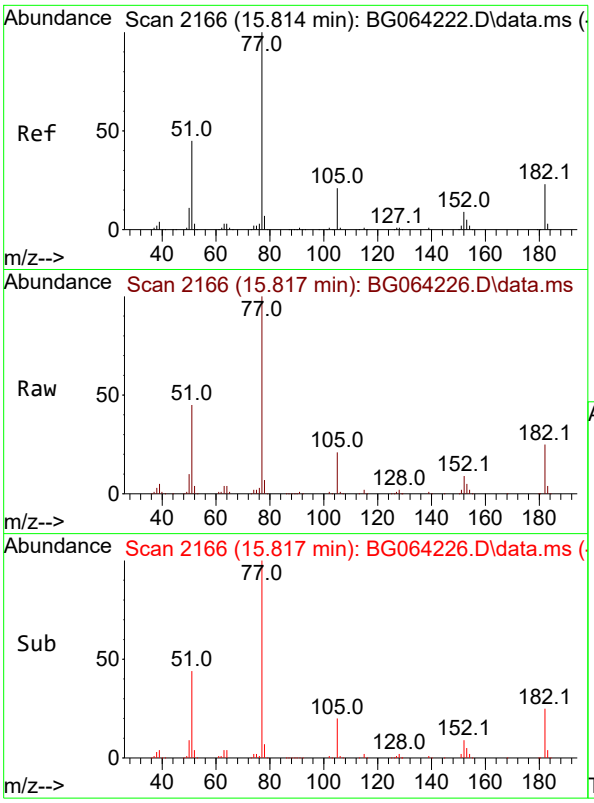


#62
4-Nitroaniline
Concen: 42.237 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:138 Resp: 64904

Ion	Ratio	Lower	Upper
138	100		
92	55.9	39.1	79.1
108	112.2	111.3	151.3

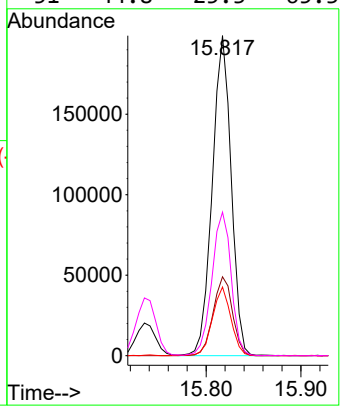




#63
Azobenzene
Concen: 38.992 ng
RT: 15.817 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion: 77 Resp: 27620

Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.3	43.3
105	21.5	0.6	40.6
51	44.8	25.3	65.3



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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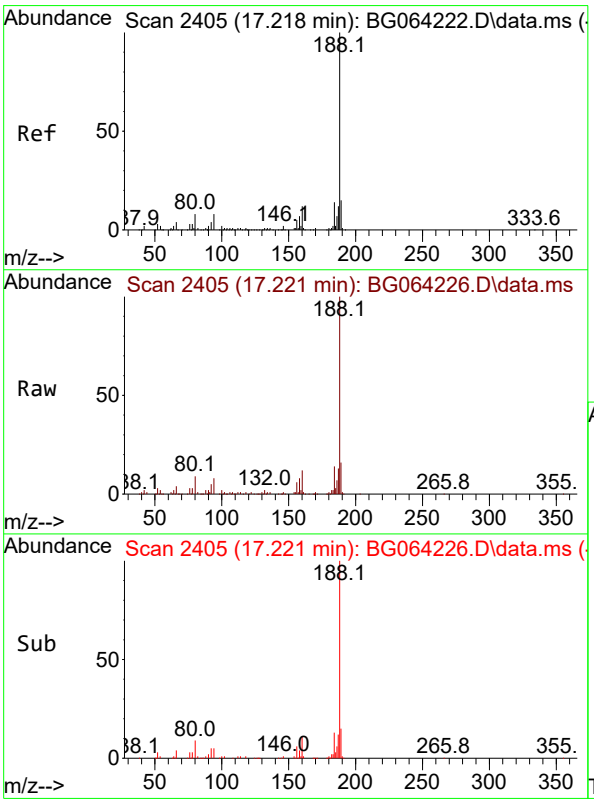
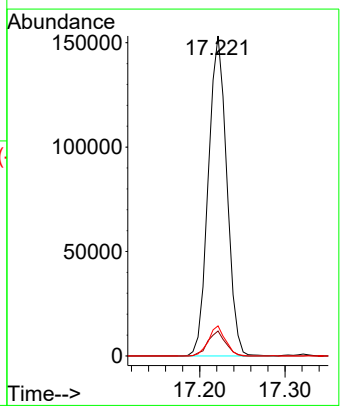
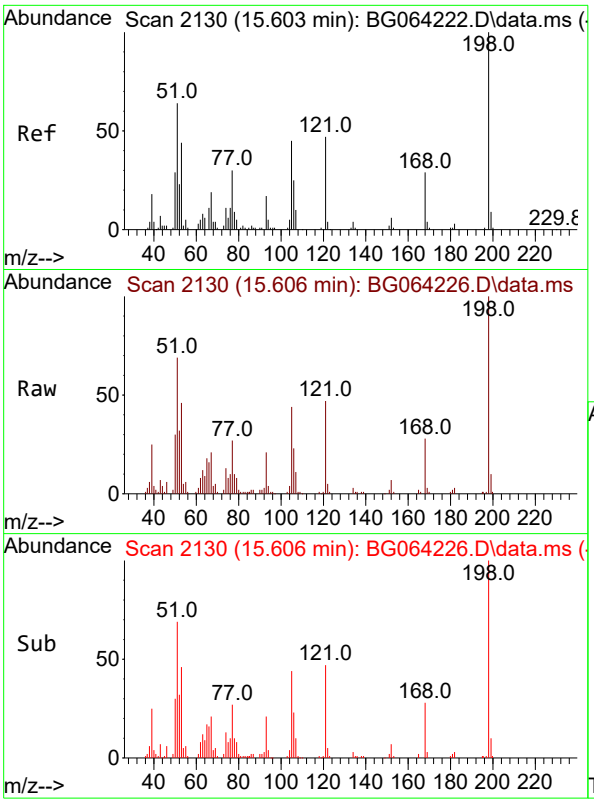


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:188 Resp: 230329

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	9.4	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 38.211 ng
RT: 15.606 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:198 Resp: 5053

Ion	Ratio	Lower	Upper
198	100		
51	68.5	46.2	86.2
105	43.9	25.0	65.0

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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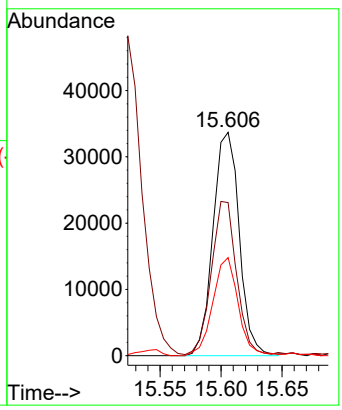
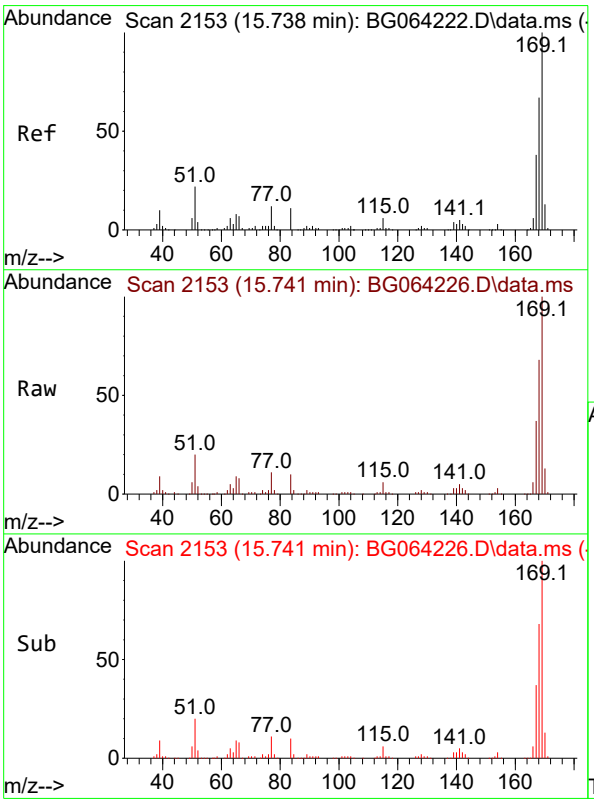
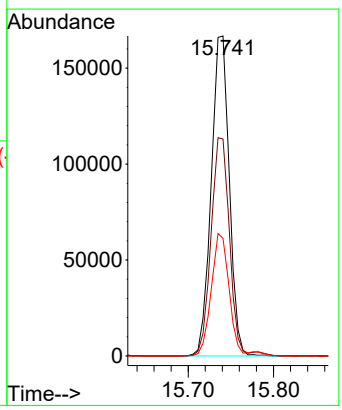


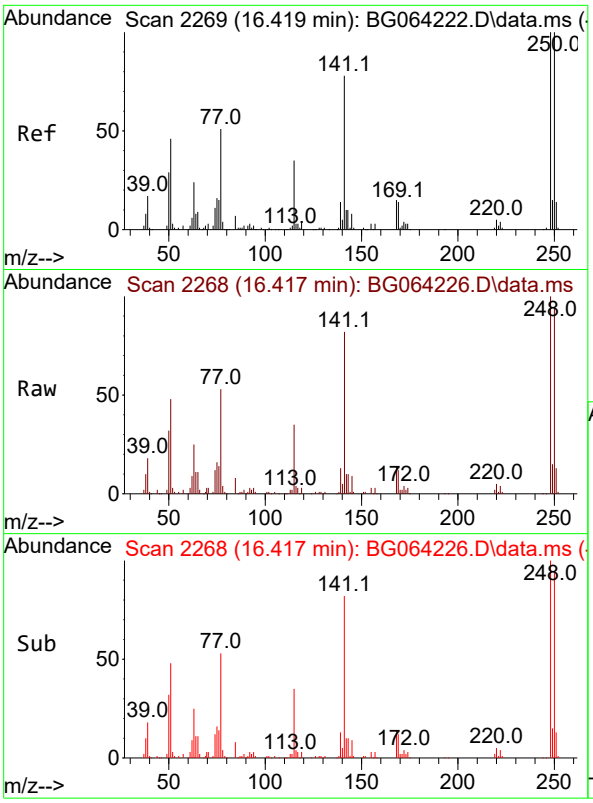


#66
n-Nitrosodiphenylamine
Concen: 38.649 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:169 Resp: 244884

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.8	80.8
167	36.7	30.2	45.2

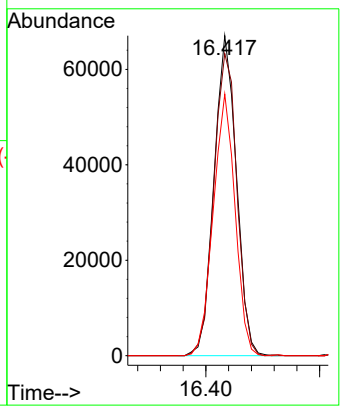




#67
4-Bromophenyl-phenylether
Concen: 37.437 ng
RT: 16.417 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:248 Resp: 9158

Ion	Ratio	Lower	Upper
248	100		
250	94.4	80.2	120.4
141	81.8	62.4	93.6



Instrument :
BNA_G
ClientSampleId :
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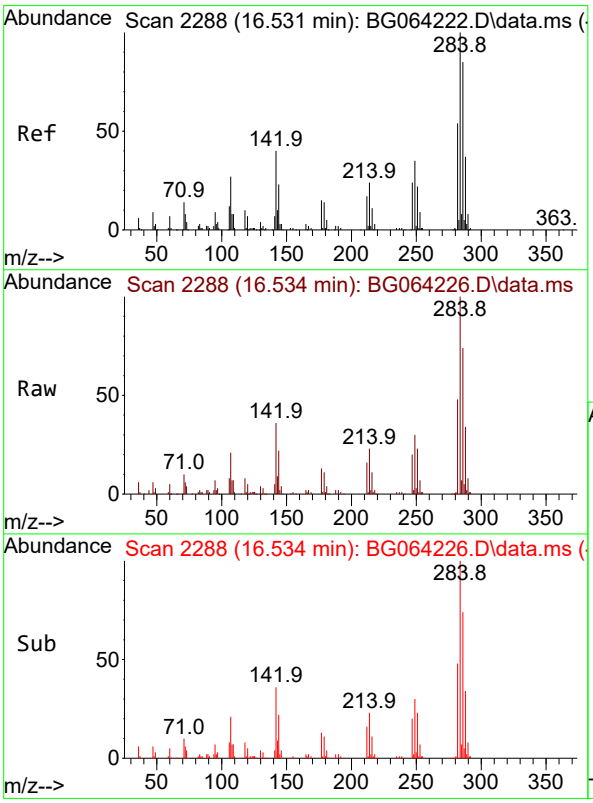
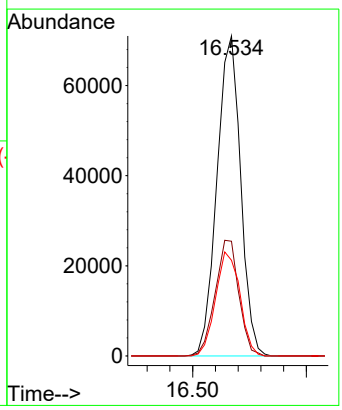
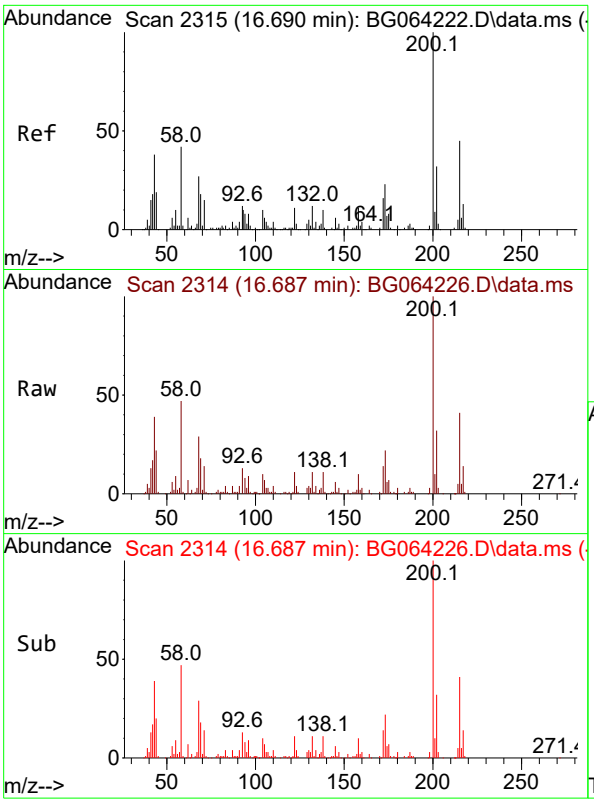


#68
Hexachlorobenzene
Concen: 37.742 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:284 Resp: 102532

Ion	Ratio	Lower	Upper
284	100		
142	35.8	32.1	48.1
249	29.9	28.3	42.5

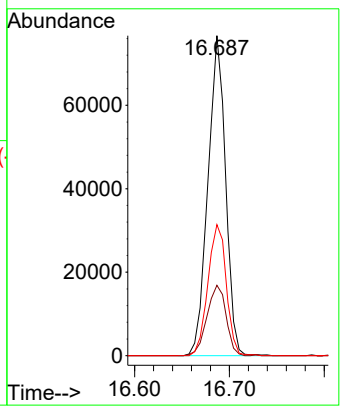




#69
Atrazine
Concen: 37.526 ng
RT: 16.687 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:200 Resp: 9928

Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.5	43.5
215	41.0	24.8	64.8



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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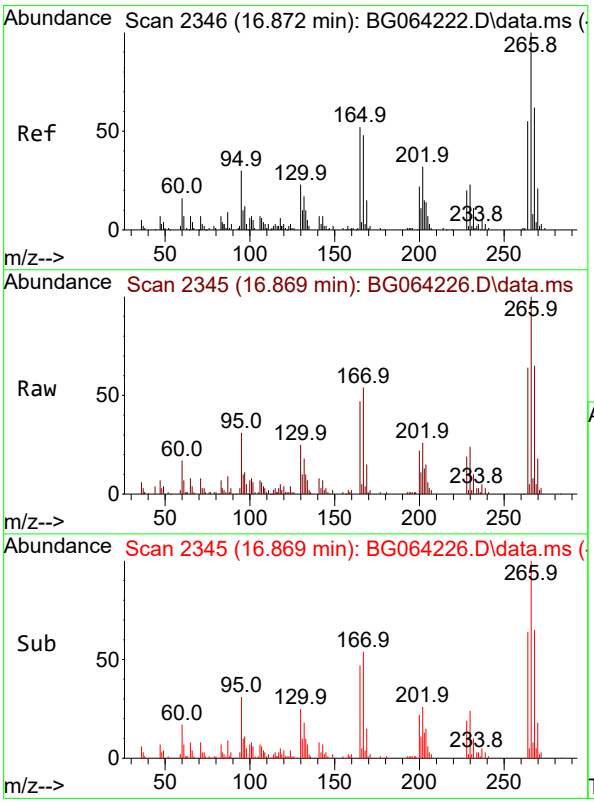
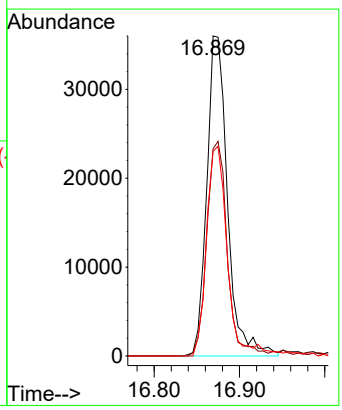
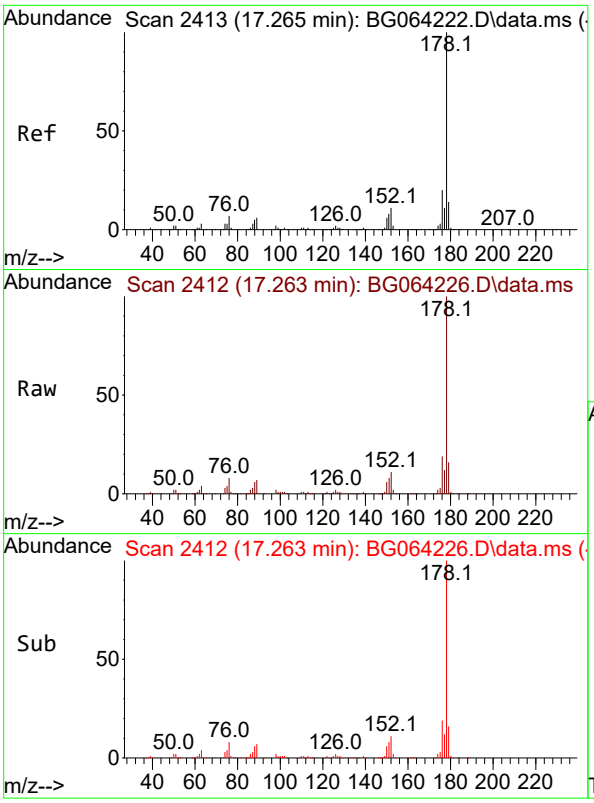


#70
Pentachlorophenol
Concen: 36.854 ng
RT: 16.869 min Scan# 2345
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:266 Resp: 60707

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.4	74.0
264	63.9	44.3	66.5

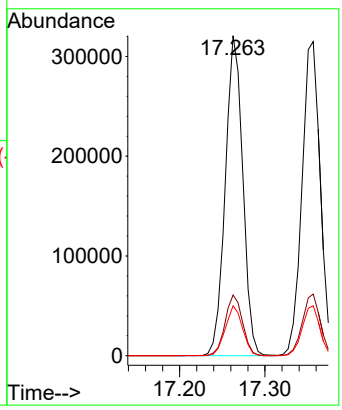




#71
Phenanthrene
Concen: 37.635 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:178 Resp: 45720

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.6	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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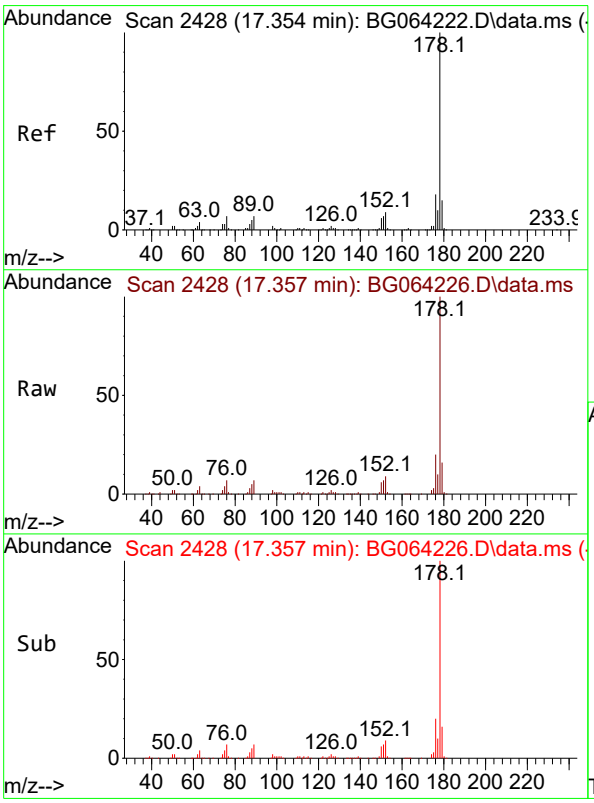
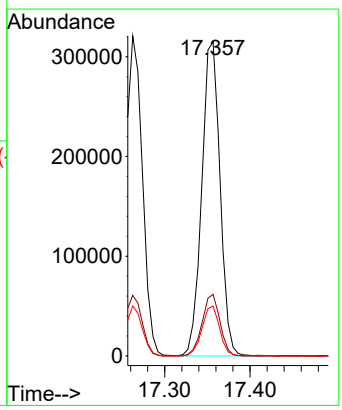
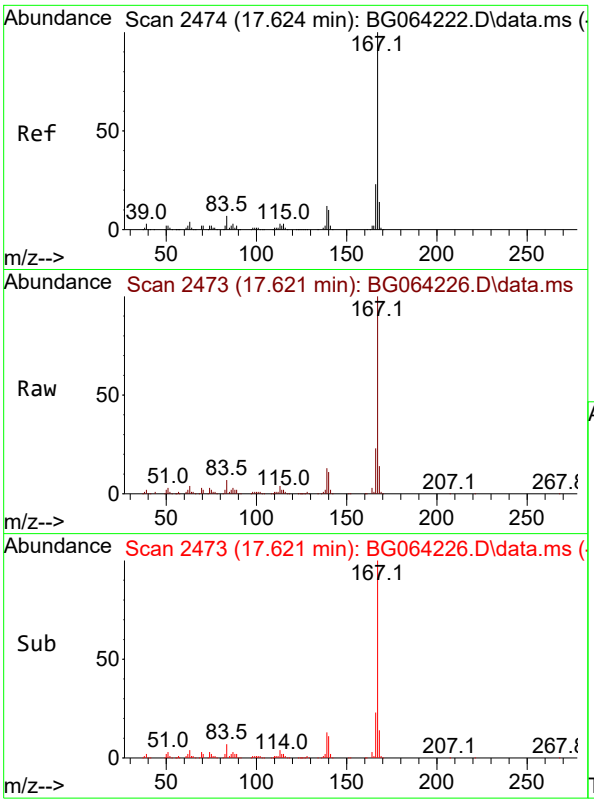


#72
Anthracene
Concen: 37.931 ng
RT: 17.357 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:178 Resp: 468737

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.7	22.1
179	15.9	12.1	18.1

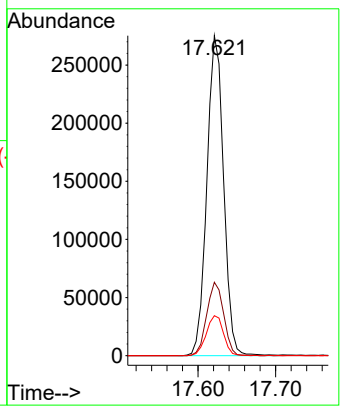




#73
Carbazole
Concen: 37.906 ng
RT: 17.621 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:167 Resp: 41265

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	12.5	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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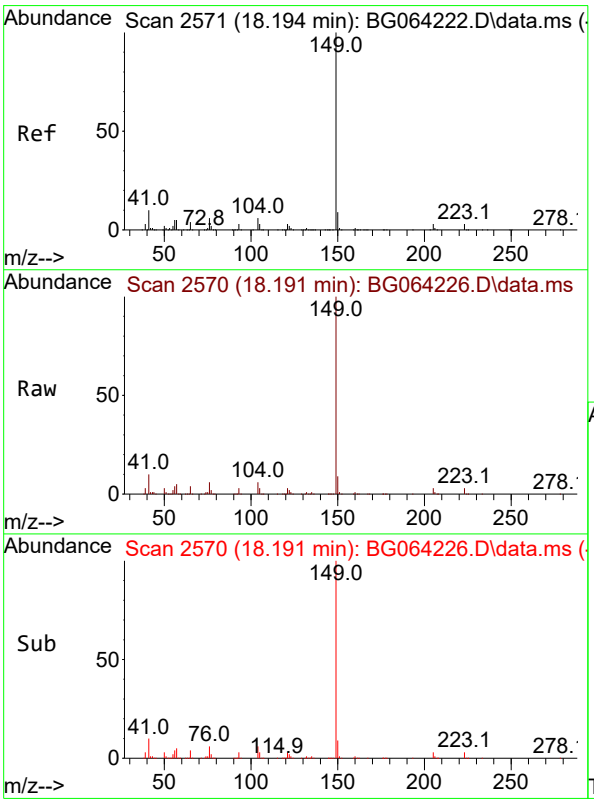
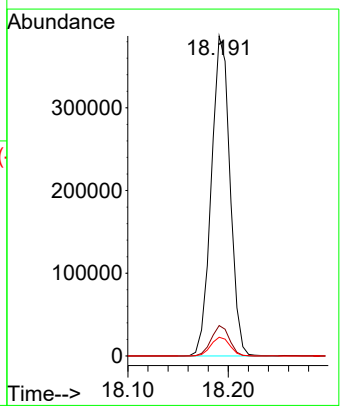
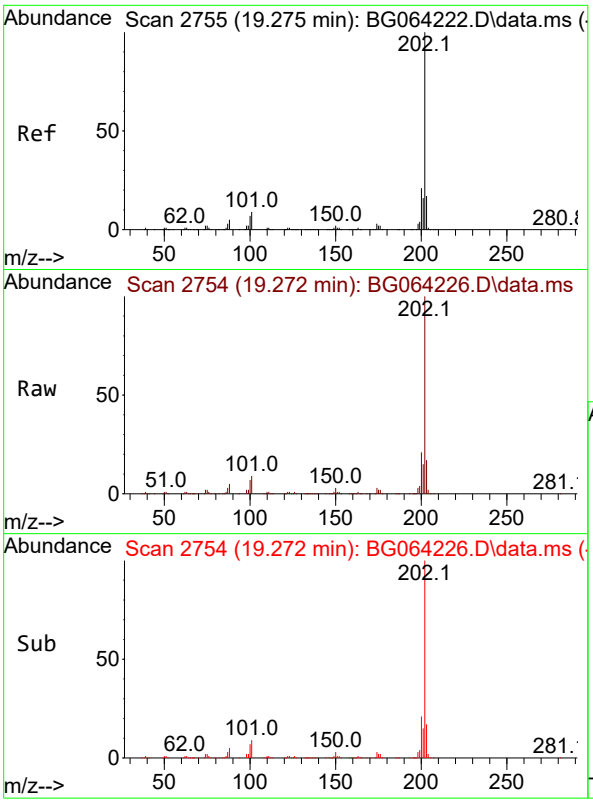


#74
Di-n-butylphthalate
Concen: 38.074 ng
RT: 18.191 min Scan# 2570
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 497961

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.9	4.6	7.0

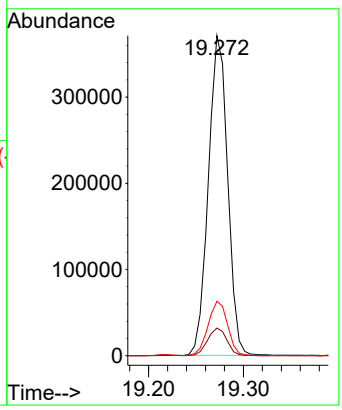




#75
Fluoranthene
Concen: 36.720 ng
RT: 19.272 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:202 Resp: 52450

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	17.0	0.0	36.9



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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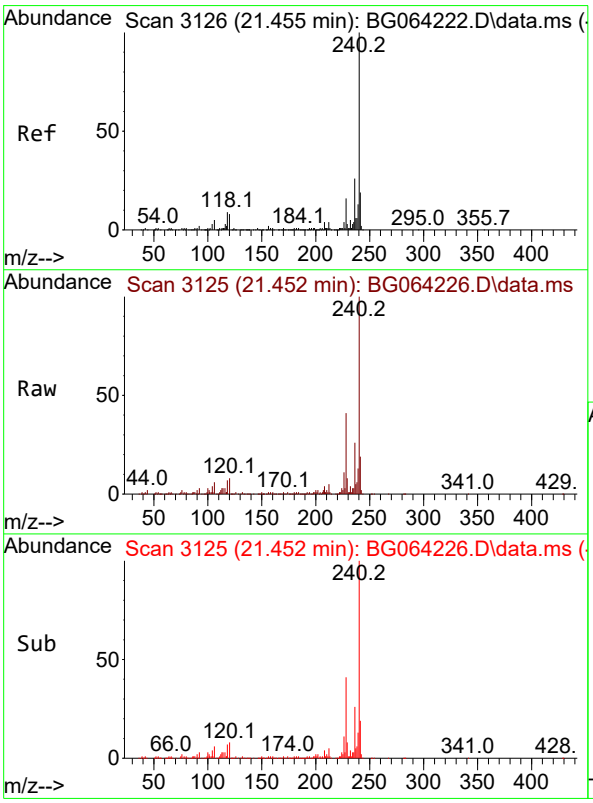
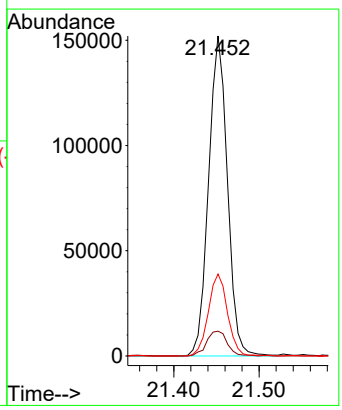
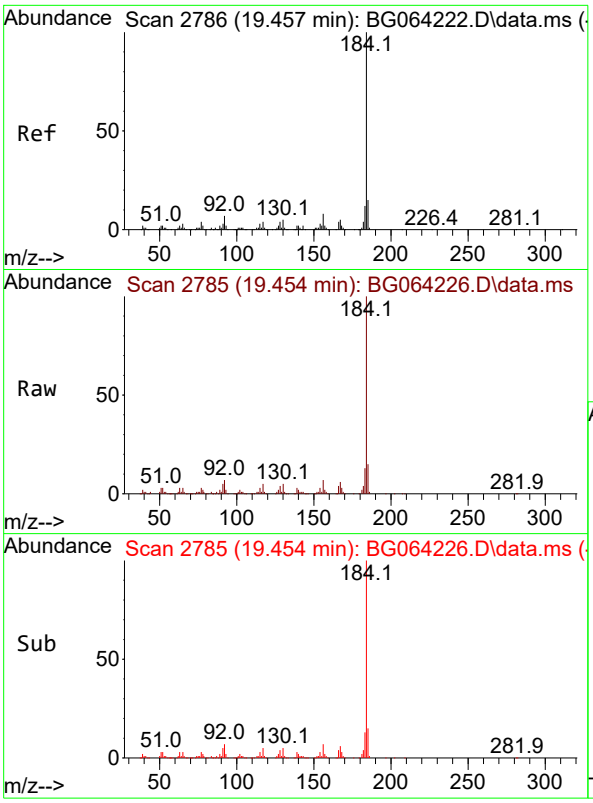


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:240 Resp: 233808

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	25.6	20.5	30.7

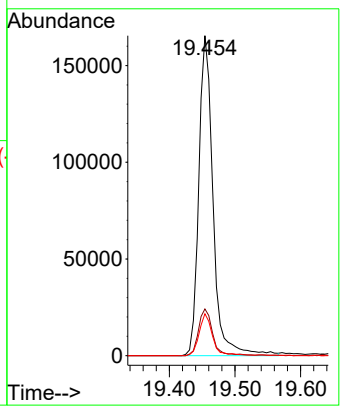




#77
Benzidine
Concen: 51.021 ng
RT: 19.454 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:184 Resp: 25094

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	13.1	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

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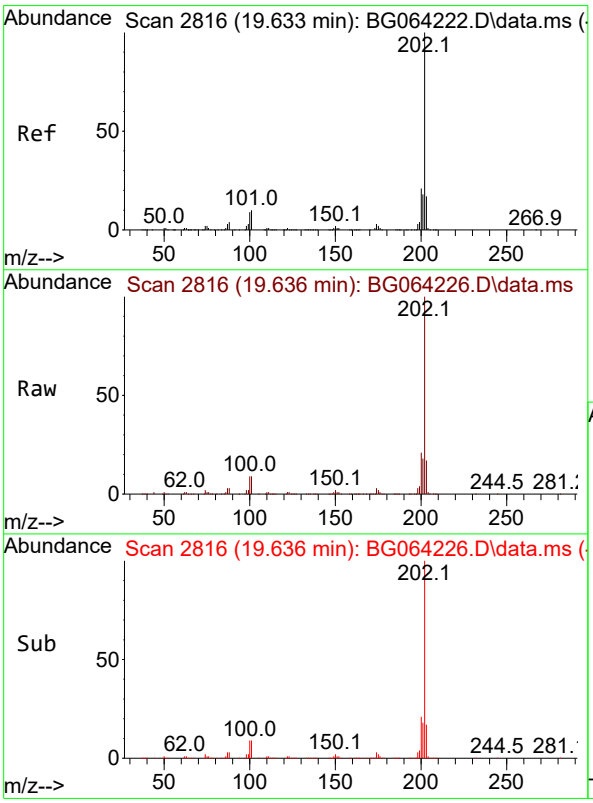
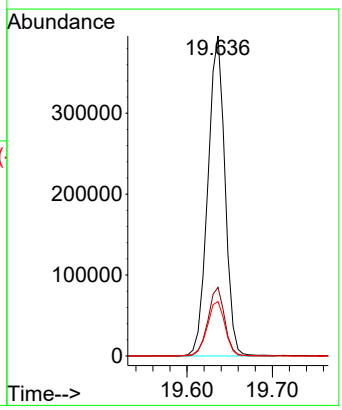
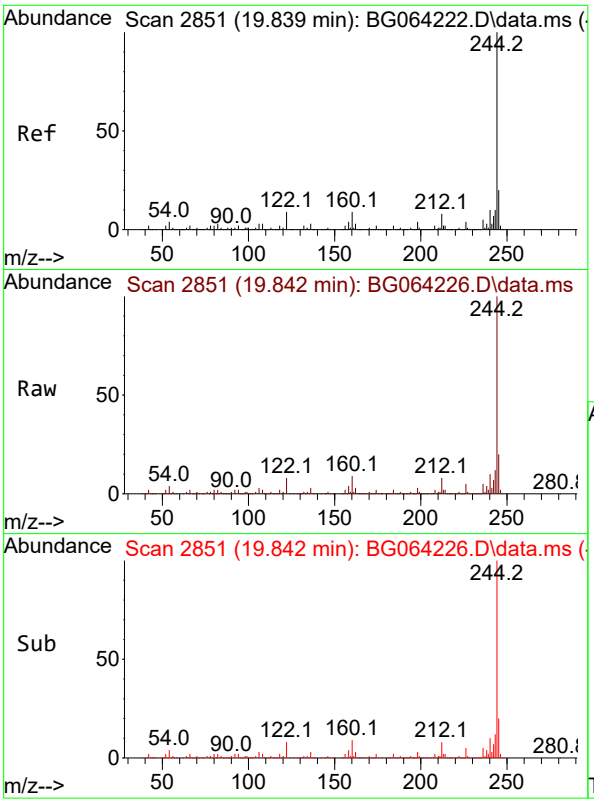


#78
Pyrene
Concen: 37.470 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:202 Resp: 551941

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.0	13.8	20.8

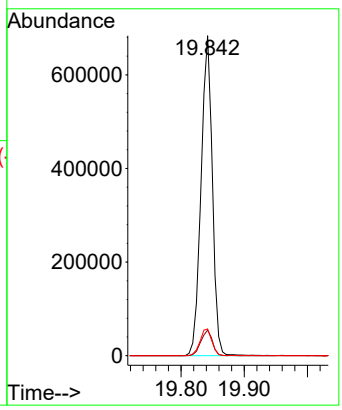




#79
Terphenyl-d14
Concen: 75.787 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:244 Resp: 84930

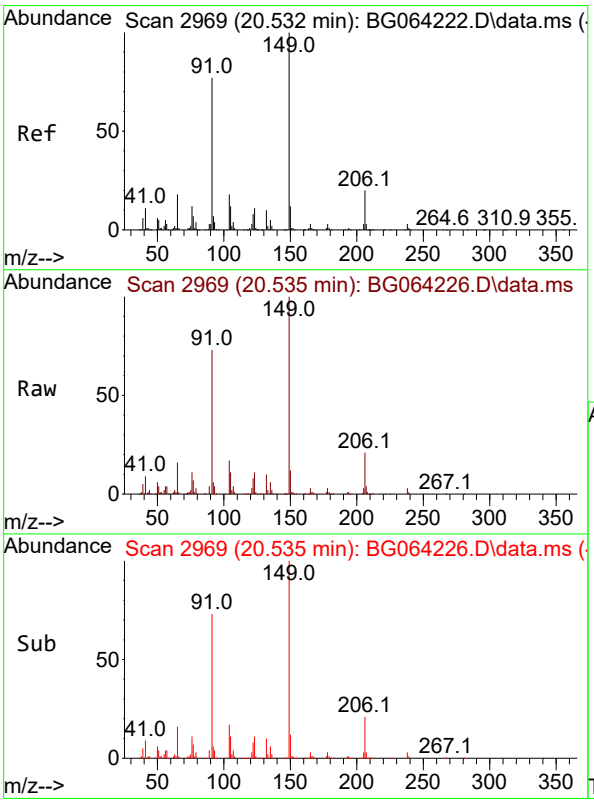
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	8.4	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

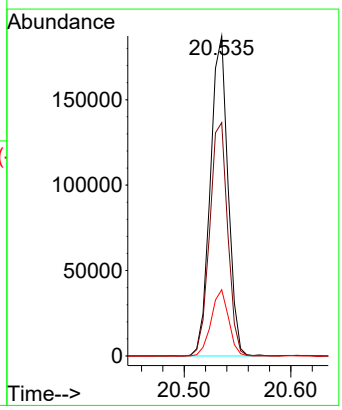
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

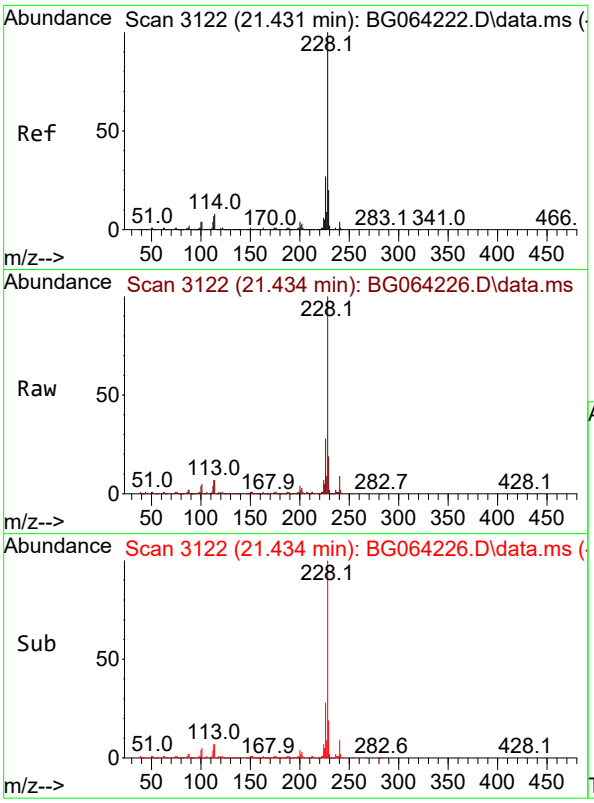


#80
Butylbenzylphthalate
Concen: 38.747 ng
RT: 20.535 min Scan# 2969
Delta R.T. 0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 215271

Ion	Ratio	Lower	Upper
149	100		
91	72.9	61.4	92.0
206	20.7	15.8	23.6

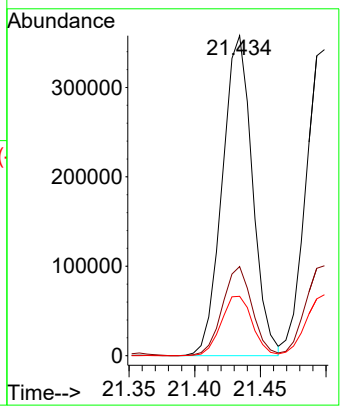




#81
Benzo(a)anthracene
Concen: 38.165 ng
RT: 21.434 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:228 Resp: 57086

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	18.5	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
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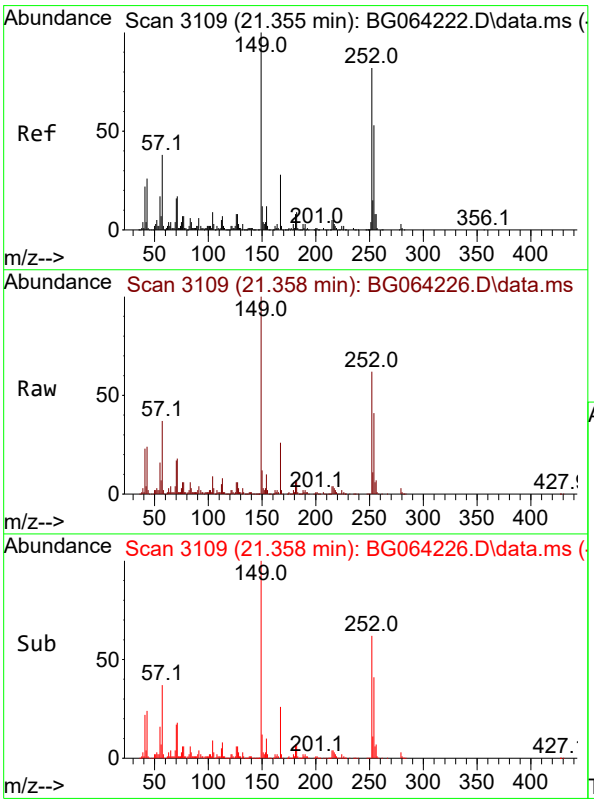
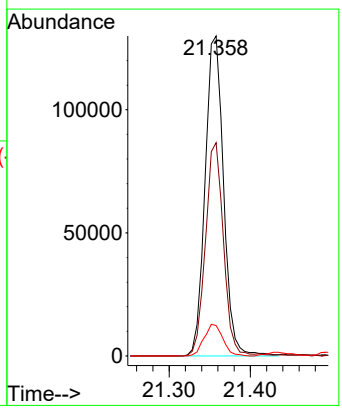
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

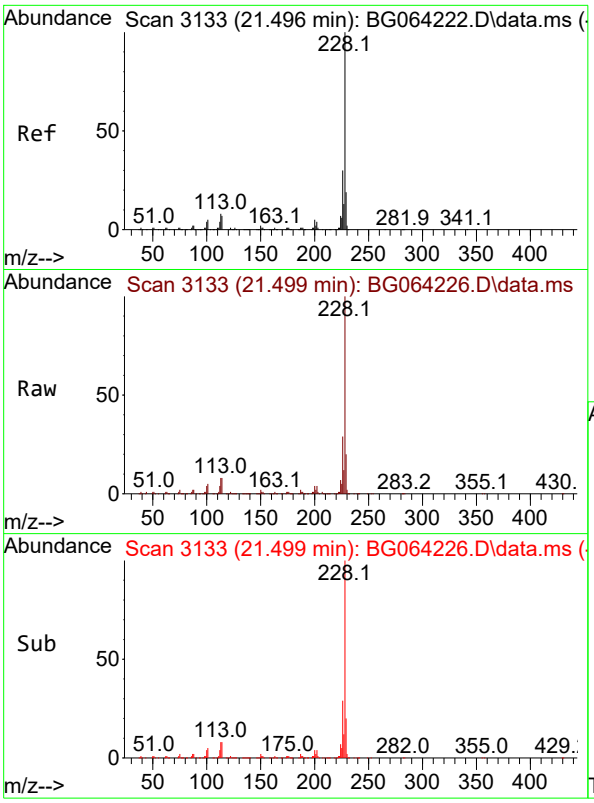


#82
3,3'-Dichlorobenzidine
Concen: 42.067 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 204932

Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.9	77.9
126	9.5	7.6	11.4

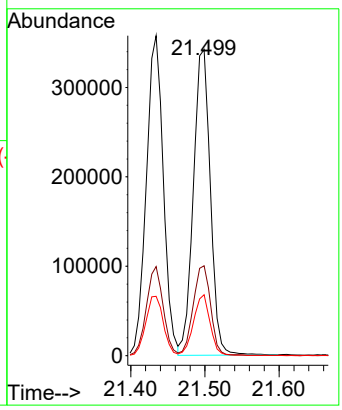




#83
Chrysene
Concen: 37.933 ng
RT: 21.499 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:228 Resp: 54472

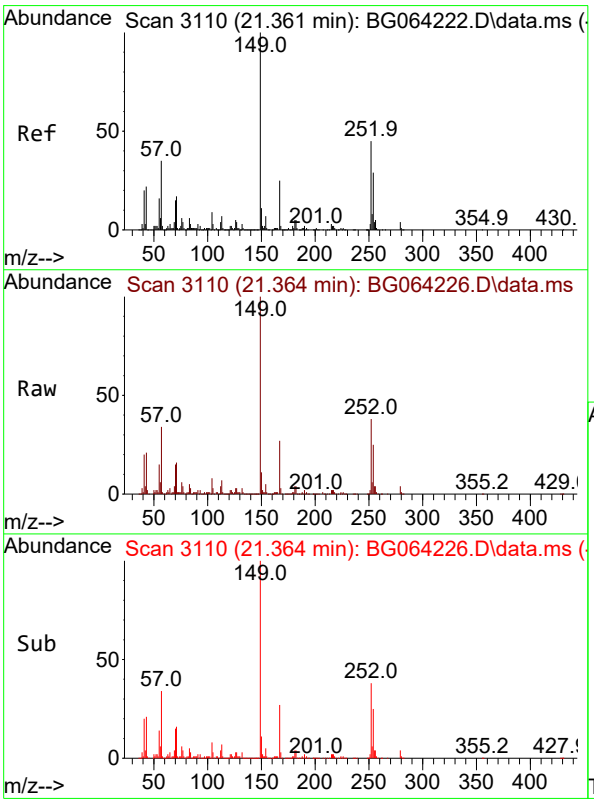
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	19.9	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

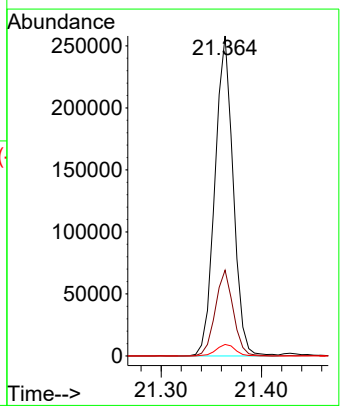
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

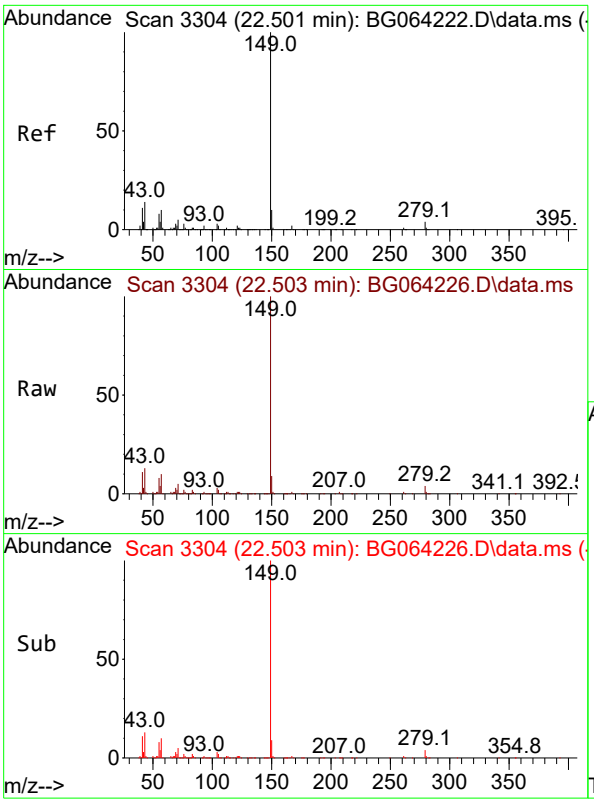


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.008 ng
RT: 21.364 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 325380

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.0	30.0
279	3.6	3.0	4.4

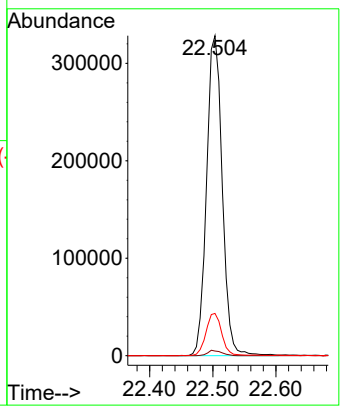




#85
Di-n-octyl phthalate
Concen: 38.929 ng
RT: 22.503 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 56578

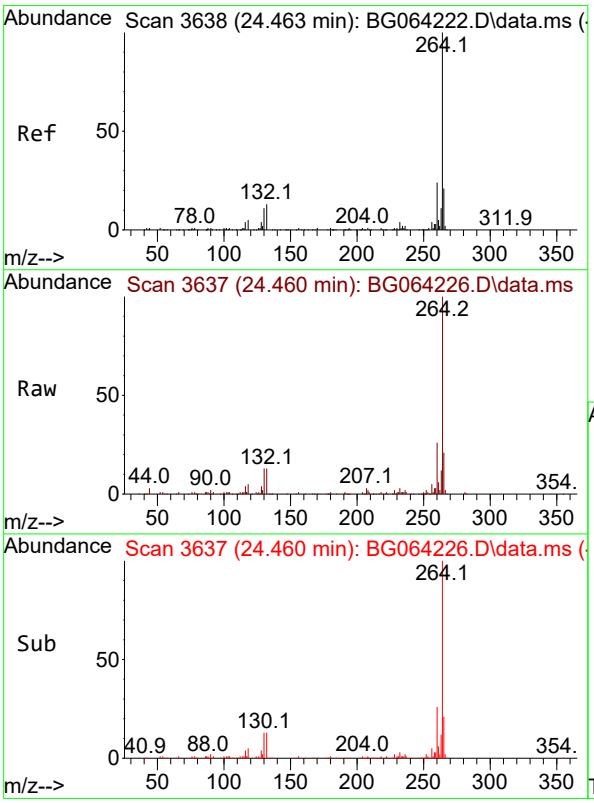
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.3	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

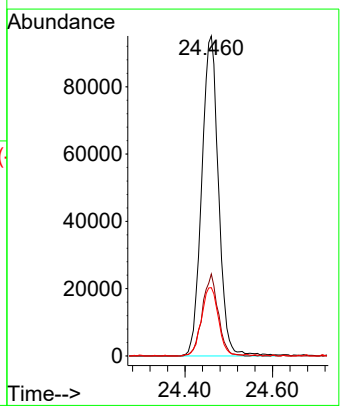
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

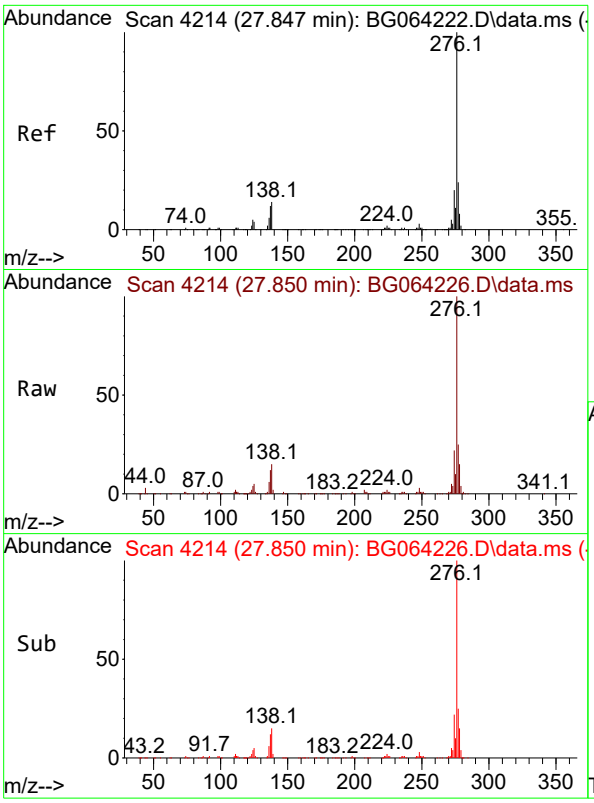


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:264 Resp: 253621

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.9	28.3
265	21.3	16.7	25.1

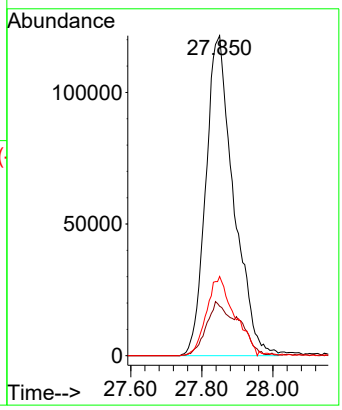




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.123 ng
RT: 27.850 min Scan# 4
Delta R.T. -0.021 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:276 Resp: 66029

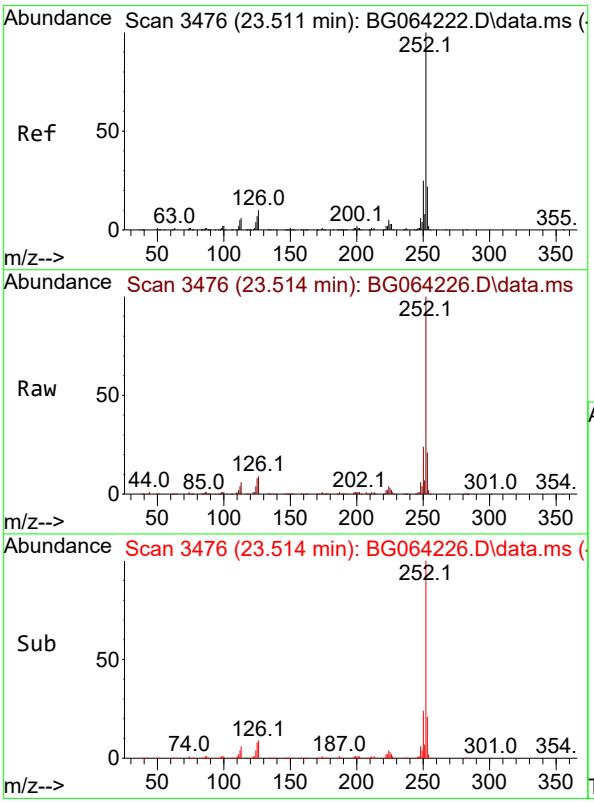
Ion	Ratio	Lower	Upper
276	100		
138	14.2	7.4	11.0#
277	25.0	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

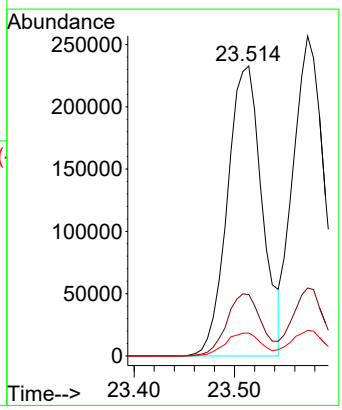
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

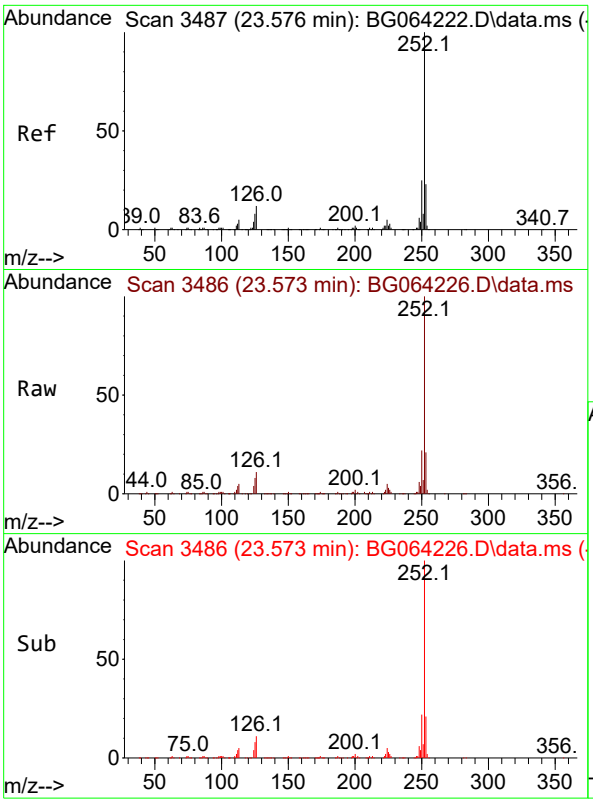


#88
Benzo(b)fluoranthene
Concen: 39.068 ng
RT: 23.514 min Scan# 3476
Delta R.T. -0.003 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 559215

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	7.9	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 38.135 ng
RT: 23.573 min Scan# 34
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

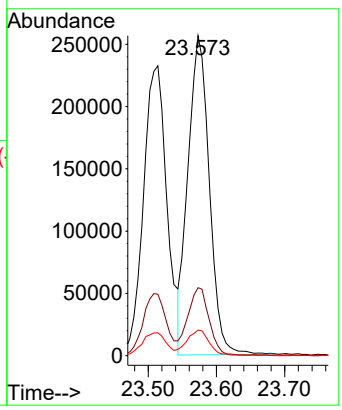
Tgt Ion:252 Resp: 55611

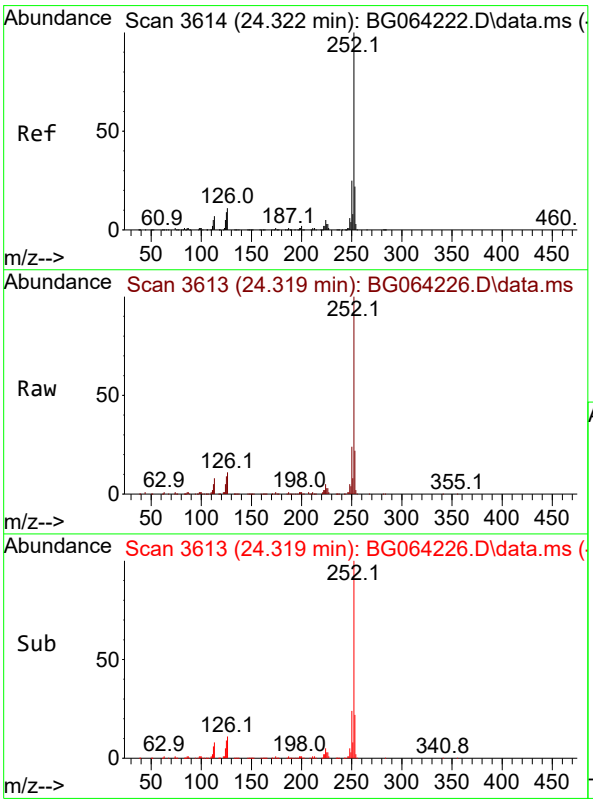
Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	8.0	7.0	10.4

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

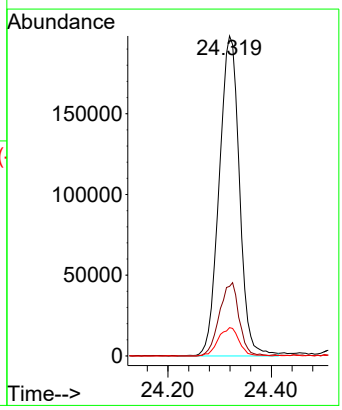


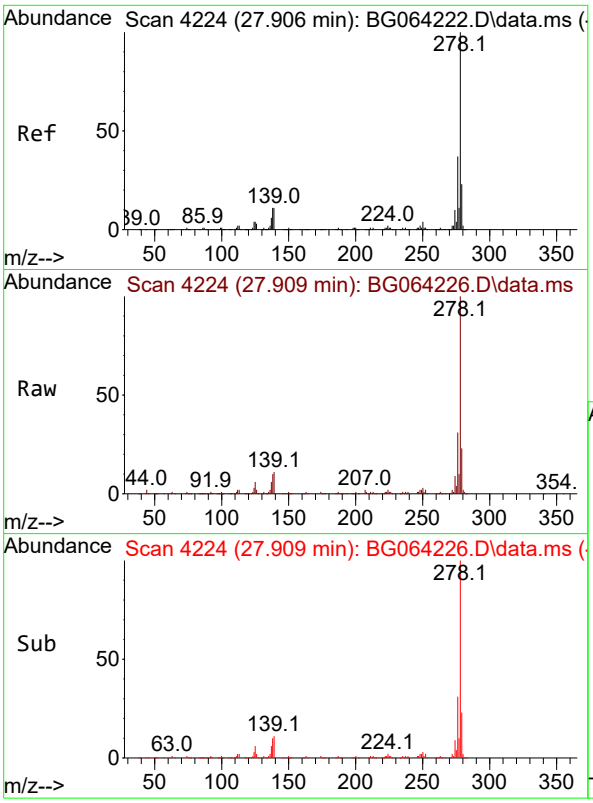


#90
Benzo(a)pyrene
Concen: 40.358 ng
RT: 24.319 min Scan# 3613
Delta R.T. -0.009 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 537384

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.9	7.0	10.6

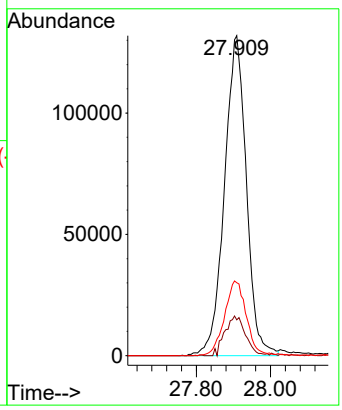




#91
Dibenzo(a,h)anthracene
Concen: 38.953 ng
RT: 27.909 min Scan# 4
Delta R.T. -0.015 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:278 Resp: 54170

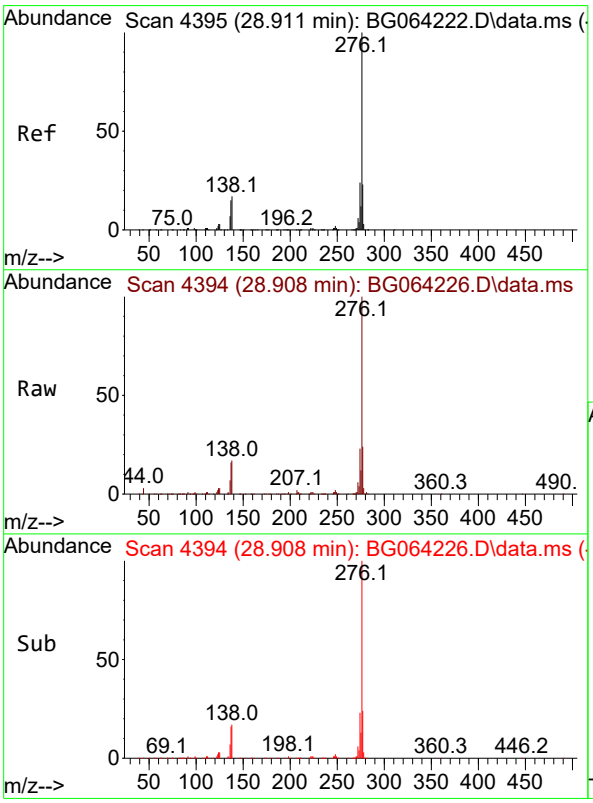
Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.0	13.4
279	22.8	18.8	28.2



Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations
APPROVED

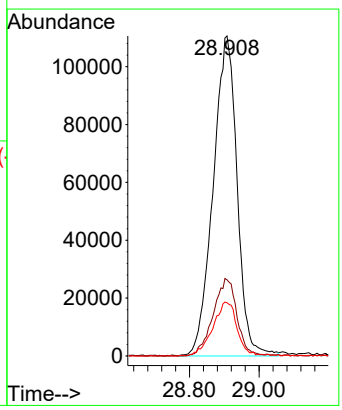
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 39.074 ng
RT: 28.908 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG064226.D
Acq: 28 Aug 2025 18:19

Tgt Ion:276 Resp: 528738

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.4
138	16.6	13.3	19.9



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
2		1,4-Dioxane	0.465	0.414	11.0	120	0.00
3		Pyridine	1.368	1.180	13.7	99	0.00
4		n-Nitrosodimethylamine	0.905	0.844	6.7	103	0.00
5	S	2-Fluorophenol	1.115	0.988	11.4	100	0.00
6		Aniline	2.118	2.009	5.1	106	0.00
7	S	Phenol-d6	1.532	1.371	10.5	101	0.00
8		2-Chlorophenol	1.362	1.278	6.2	101	0.00
9		Benzaldehyde	1.260	1.079	14.4	88	0.00
10	C	Phenol	1.688	1.568	7.1	105	0.00
11		bis(2-Chloroethyl)ether	1.269	1.192	6.1	104	0.00
12		1,3-Dichlorobenzene	1.449	1.348	7.0	103	0.00
13	C	1,4-Dichlorobenzene	1.463	1.396	4.6	107	0.00
14		1,2-Dichlorobenzene	1.412	1.393	1.3	111	0.00
15		Benzyl Alcohol	1.413	1.373	2.8	108	0.00
16		2,2'-oxybis(1-Chloropropane	2.897	2.657	8.3	103	0.00
17		2-Methylphenol	1.258	1.172	6.8	104	0.00
18		Hexachloroethane	0.571	0.517	9.5	99	0.00
19	P	n-Nitroso-di-n-propylamine	1.172	1.160	1.0	108	0.00
20		3+4-Methylphenols	1.749	1.626	7.0	107	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
22		Acetophenone	0.506	0.500	1.2	109	0.00
23	S	Nitrobenzene-d5	0.359	0.345	3.9	104	0.00
24		Nitrobenzene	0.375	0.354	5.6	100	0.00
25		Isophorone	0.745	0.734	1.5	108	0.00
26	C	2-Nitrophenol	0.162	0.163	-0.6	104	0.00
27		2,4-Dimethylphenol	0.284	0.298	-4.9	110	0.00
28		bis(2-Chloroethoxy)methane	0.402	0.391	2.7	104	0.00
29	C	2,4-Dichlorophenol	0.300	0.283	5.7	100	0.00
30		1,2,4-Trichlorobenzene	0.316	0.307	2.8	105	0.00
31		Naphthalene	1.037	0.972	6.3	103	0.00
32		Benzoic acid	0.226	0.229	-1.3	105	-0.06
33		4-Chloroaniline	0.402	0.439	-9.2	114	0.00
34	C	Hexachlorobutadiene	0.234	0.215	8.1	99	0.00
35		Caprolactam	0.116	0.112	3.4	99	-0.03
36	C	4-Chloro-3-methylphenol	0.389	0.370	4.9	103	0.00
37		2-Methylnaphthalene	0.771	0.661	14.3	92	0.00
38		1-Methylnaphthalene	0.761	0.701	7.9	99	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.558	3.3	104	0.00
41	P	Hexachlorocyclopentadiene	0.274	0.353	-28.8#	140	0.00
42	S	2,4,6-Tribromophenol	0.265	0.244	7.9	96	0.00
43	C	2,4,6-Trichlorophenol	0.386	0.380	1.6	104	0.00
44		2,4,5-Trichlorophenol	0.418	0.400	4.3	101	0.00
45	S	2-Fluorobiphenyl	1.310	1.230	6.1	101	0.00
46		1,1'-Biphenyl	1.457	1.421	2.5	104	0.00
47		2-Chloronaphthalene	1.095	1.048	4.3	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.373	0.390	-4.6	104	0.00
49		Acenaphthylene	1.619	1.763	-8.9	115	0.00
50		Dimethylphthalate	1.514	1.435	5.2	101	0.00
51		2,6-Dinitrotoluene	0.293	0.314	-7.2	106	0.00
52	C	Acenaphthene	1.142	1.063	6.9	98	0.00
53		3-Nitroaniline	0.307	0.323	-5.2	106	0.00
54	P	2,4-Dinitrophenol	0.163	0.166	-1.8	102	0.00
55		Dibenzofuran	1.797	1.698	5.5	101	0.00
56	P	4-Nitrophenol	0.252	0.247	2.0	94	0.00
57		2,4-Dinitrotoluene	0.443	0.451	-1.8	102	0.00
58		Fluorene	1.473	1.412	4.1	101	0.00
59		2,3,4,6-Tetrachlorophenol	0.402	0.410	-2.0	107	0.00
60		Diethylphthalate	1.620	1.518	6.3	98	0.00
61		4-Chlorophenyl-phenylether	0.734	0.697	5.0	101	0.00
62		4-Nitroaniline	0.313	0.331	-5.8	103	-0.01
63		Azobenzene	1.444	1.408	2.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.115	0.110	4.3	99	0.00
66	c	n-Nitrosodiphenylamine	0.550	0.532	3.3	101	0.00
67		4-Bromophenyl-phenylether	0.212	0.199	6.1	98	0.00
68		Hexachlorobenzene	0.236	0.223	5.5	105	0.00
69		Atrazine	0.230	0.216	6.1	96	0.00
70	C	Pentachlorophenol	0.143	0.132	7.7	92	0.00
71		Phenanthrene	1.055	0.992	6.0	97	0.00
72		Anthracene	1.073	1.018	5.1	97	0.00
73		Carbazole	0.945	0.896	5.2	95	0.00
74		Di-n-butylphthalate	1.136	1.081	4.8	95	0.00
75	C	Fluoranthene	1.240	1.139	8.1	93	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.421	0.537	-27.6#	122	0.00
78		Pyrene	1.260	1.180	6.3	92	0.00
79	S	Terphenyl-d14	0.959	0.908	5.3	94	0.00
80		Butylbenzylphthalate	0.475	0.460	3.2	94	0.00
81		Benzo(a)anthracene	1.280	1.221	4.6	95	0.00
82		3,3'-Dichlorobenzidine	0.417	0.438	-5.0	104	0.00
83		Chrysene	1.228	1.165	5.1	95	0.00
84		Bis(2-ethylhexyl)phthalate	0.714	0.696	2.5	96	0.00
85	c	Di-n-octyl phthalate	1.243	1.210	2.7	97	0.00
86	I	Perylene-d12	1.000	1.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	1.366	1.302	4.7	94	-0.02
88		Benzo(b)fluoranthene	1.129	1.102	2.4	95	0.00
89		Benzo(k)fluoranthene	1.150	1.096	4.7	97	-0.01
90	C	Benzo(a)pyrene	1.050	1.059	-0.9	99	0.00
91		Dibenzo(a,h)anthracene	1.097	1.068	2.6	95	-0.01
92		Benzo(g,h,i)perylene	1.067	1.042	2.3	98	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	112	0.00
2		1,4-Dioxane	40.000	35.656	10.9	120	0.00
3		Pyridine	40.000	34.517	13.7	99	0.00
4		n-Nitrosodimethylamine	40.000	37.335	6.7	103	0.00
5	S	2-Fluorophenol	80.000	70.880	11.4	100	0.00
6		Aniline	40.000	37.952	5.1	106	0.00
7	S	Phenol-d6	80.000	71.628	10.5	101	0.00
8		2-Chlorophenol	40.000	37.539	6.2	101	0.00
9		Benzaldehyde	40.000	34.257	14.4	88	0.00
10	C	Phenol	40.000	37.147	7.1	105	0.00
11		bis(2-Chloroethyl)ether	40.000	37.580	6.1	104	0.00
12		1,3-Dichlorobenzene	40.000	37.215	7.0	103	0.00
13	C	1,4-Dichlorobenzene	40.000	38.174	4.6	107	0.00
14		1,2-Dichlorobenzene	40.000	39.476	1.3	111	0.00
15		Benzyl Alcohol	40.000	38.856	2.9	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.690	8.3	103	0.00
17		2-Methylphenol	40.000	37.241	6.9	104	0.00
18		Hexachloroethane	40.000	36.223	9.4	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.592	1.0	108	0.00
20		3+4-Methylphenols	40.000	37.186	7.0	107	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
22		Acetophenone	40.000	39.493	1.3	109	0.00
23	S	Nitrobenzene-d5	80.000	76.975	3.8	104	0.00
24		Nitrobenzene	40.000	37.815	5.5	100	0.00
25		Isophorone	40.000	39.413	1.5	108	0.00
26	C	2-Nitrophenol	40.000	40.318	-0.8	104	0.00
27		2,4-Dimethylphenol	40.000	41.907	-4.8	110	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.946	2.6	104	0.00
29	C	2,4-Dichlorophenol	40.000	37.784	5.5	100	0.00
30		1,2,4-Trichlorobenzene	40.000	38.773	3.1	105	0.00
31		Naphthalene	40.000	37.507	6.2	103	0.00
32		Benzoic acid	40.000	40.656	-1.6	105	-0.06
33		4-Chloroaniline	40.000	43.702	-9.3	114	0.00
34	C	Hexachlorobutadiene	40.000	36.817	8.0	99	0.00
35		Caprolactam	40.000	38.456	3.9	99	-0.03
36	C	4-Chloro-3-methylphenol	40.000	38.019	5.0	103	0.00
37		2-Methylnaphthalene	40.000	34.277	14.3	92	0.00
38		1-Methylnaphthalene	40.000	36.825	7.9	99	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.648	3.4	104	0.00
41	P	Hexachlorocyclopentadiene	40.000	51.474	-28.7#	140	0.00
42	S	2,4,6-Tribromophenol	80.000	73.586	8.0	96	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.413	1.5	104	0.00
44		2,4,5-Trichlorophenol	40.000	38.249	4.4	101	0.00
45	S	2-Fluorobiphenyl	80.000	75.105	6.1	101	0.00
46		1,1'-Biphenyl	40.000	39.011	2.5	104	0.00
47		2-Chloronaphthalene	40.000	38.279	4.3	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.777	-4.4	104	0.00
49		Acenaphthylene	40.000	43.553	-8.9	115	0.00
50		Dimethylphthalate	40.000	37.909	5.2	101	0.00
51		2,6-Dinitrotoluene	40.000	42.818	-7.0	106	0.00
52	C	Acenaphthene	40.000	37.235	6.9	98	0.00
53		3-Nitroaniline	40.000	42.058	-5.1	106	0.00
54	P	2,4-Dinitrophenol	40.000	37.975	5.1	102	0.00
55		Dibenzofuran	40.000	37.793	5.5	101	0.00
56	P	4-Nitrophenol	40.000	39.235	1.9	94	0.00
57		2,4-Dinitrotoluene	40.000	40.756	-1.9	102	0.00
58		Fluorene	40.000	38.343	4.1	101	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.784	-2.0	107	0.00
60		Diethylphthalate	40.000	37.474	6.3	98	0.00
61		4-Chlorophenyl-phenylether	40.000	37.983	5.0	101	0.00
62		4-Nitroaniline	40.000	42.237	-5.6	103	-0.01
63		Azobenzene	40.000	38.992	2.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	38.211	4.5	99	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.649	3.4	101	0.00
67		4-Bromophenyl-phenylether	40.000	37.437	6.4	98	0.00
68		Hexachlorobenzene	40.000	37.742	5.6	105	0.00
69		Atrazine	40.000	37.526	6.2	96	0.00
70	C	Pentachlorophenol	40.000	36.854	7.9	92	0.00
71		Phenanthrene	40.000	37.635	5.9	97	0.00
72		Anthracene	40.000	37.931	5.2	97	0.00
73		Carbazole	40.000	37.906	5.2	95	0.00
74		Di-n-butylphthalate	40.000	38.074	4.8	95	0.00
75	C	Fluoranthene	40.000	36.720	8.2	93	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	51.021	-27.6#	122	0.00
78		Pyrene	40.000	37.470	6.3	92	0.00
79	S	Terphenyl-d14	80.000	75.787	5.3	94	0.00
80		Butylbenzylphthalate	40.000	38.747	3.1	94	0.00
81		Benzo(a)anthracene	40.000	38.165	4.6	95	0.00
82		3,3'-Dichlorobenzidine	40.000	42.067	-5.2	104	0.00
83		Chrysene	40.000	37.933	5.2	95	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.008	2.5	96	0.00
85	c	Di-n-octyl phthalate	40.000	38.929	2.7	97	0.00
86	I	Perylene-d12	20.000	20.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.123	4.7	94	-0.02
88		Benzo(b)fluoranthene	40.000	39.068	2.3	95	0.00
89		Benzo(k)fluoranthene	40.000	38.135	4.7	97	-0.01
90	C	Benzo(a)pyrene	40.000	40.358	-0.9	99	0.00
91		Dibenzo(a,h)anthracene	40.000	38.953	2.6	95	-0.01
92		Benzo(g,h,i)perylene	40.000	39.074	2.3	98	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl)ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy)methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Benzo(a)anthracene		1.384	1.302	1.313	1.268	1.359	1.319	3.2
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis(2-ethylhexyl)phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Benzo(b)fluoranthene		1.203	1.126	1.171	1.134	1.250	1.179	3.6
Benzo(k)fluoranthene		1.202	1.157	1.200	1.130	1.226	1.180	3.2
Benzo(a)pyrene		1.139	1.093	1.150	1.108	1.219	1.148	3.8
Indeno(1,2,3-cd)pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo(g,h,i)perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
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...	8.584	70	17781	2.476	ng	99

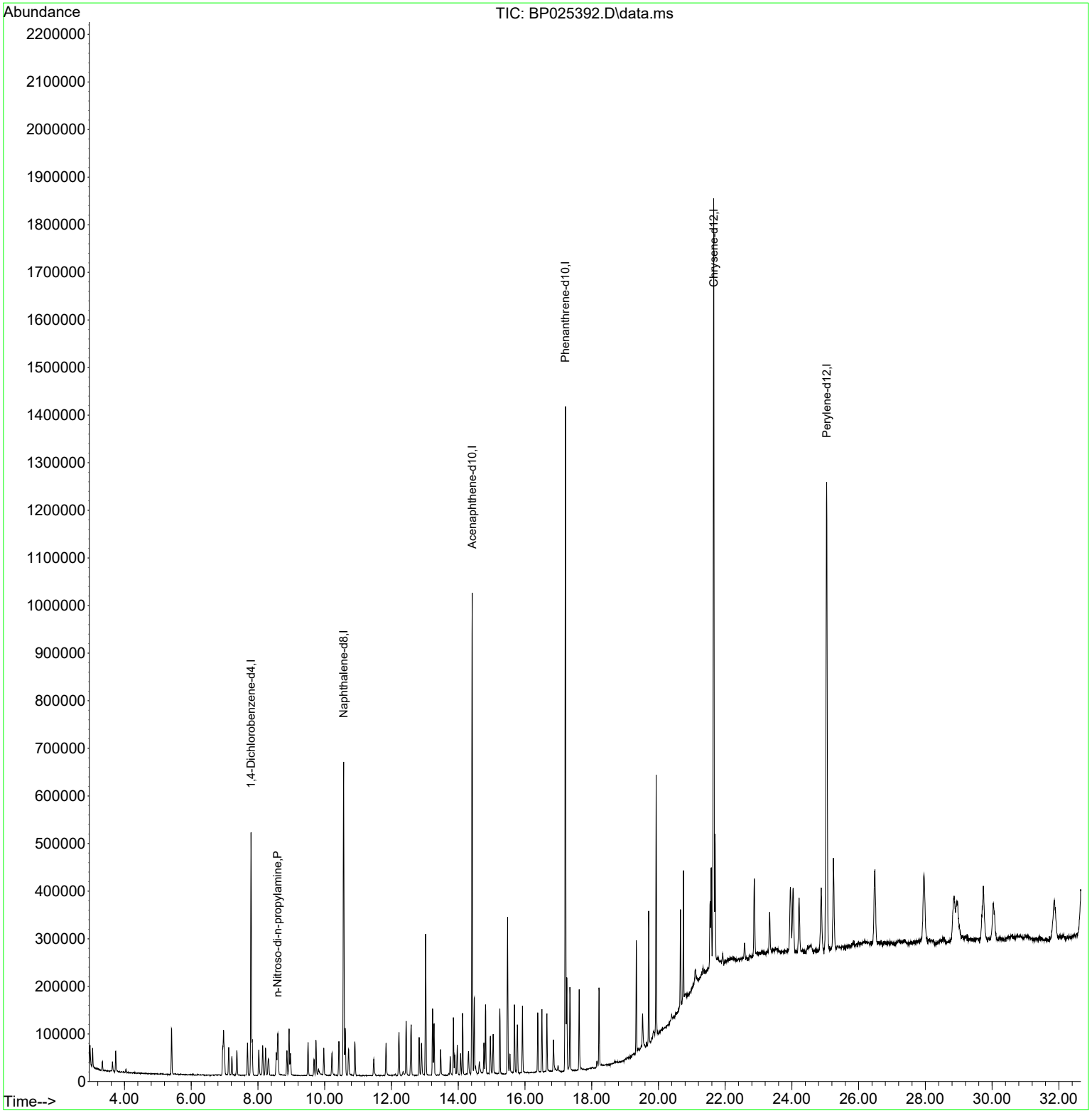
(#) = qualifier out of range (m) = manual integration (+) = signals summed

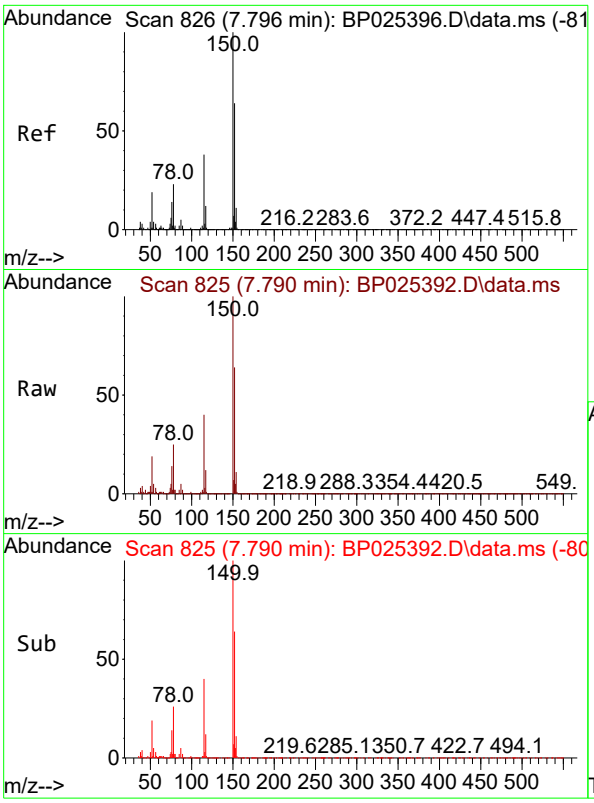
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



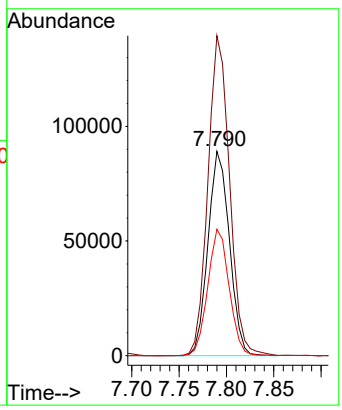


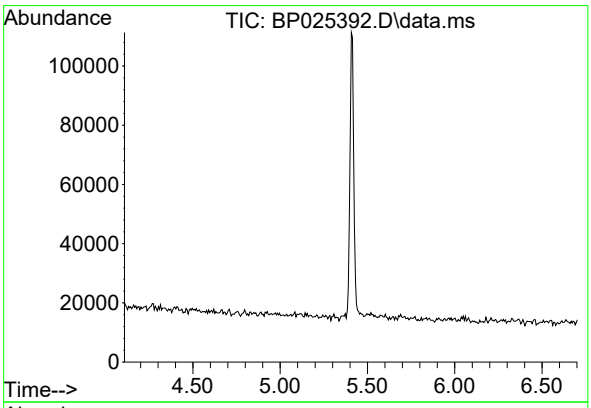
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 140275

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	61.9	48.5	72.7



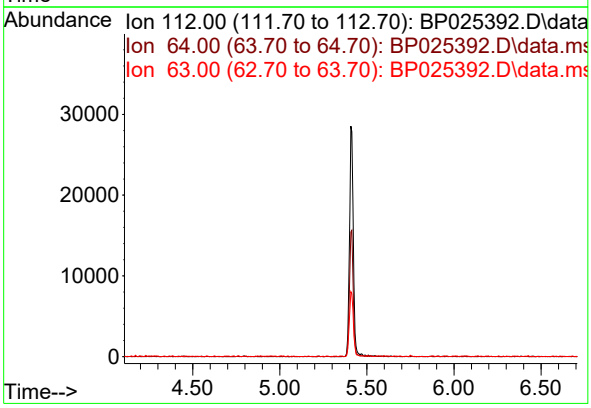


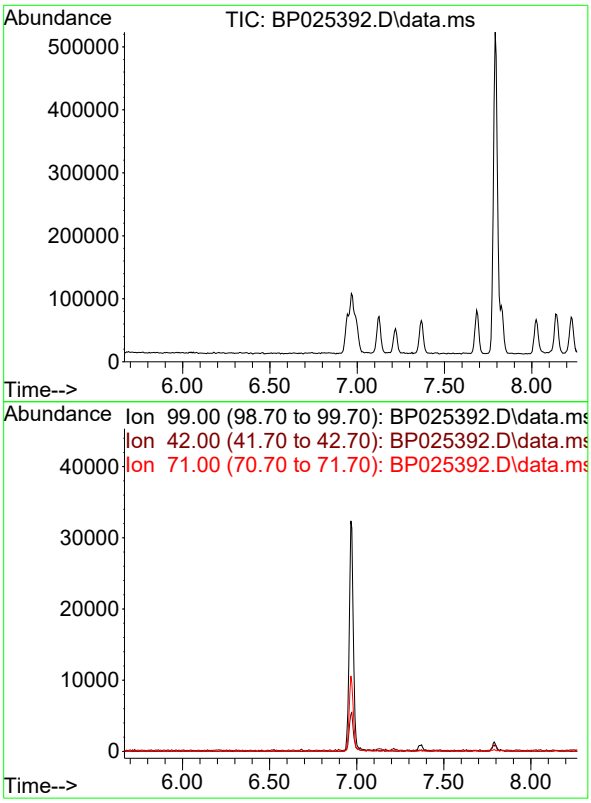
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.8
63	28.4





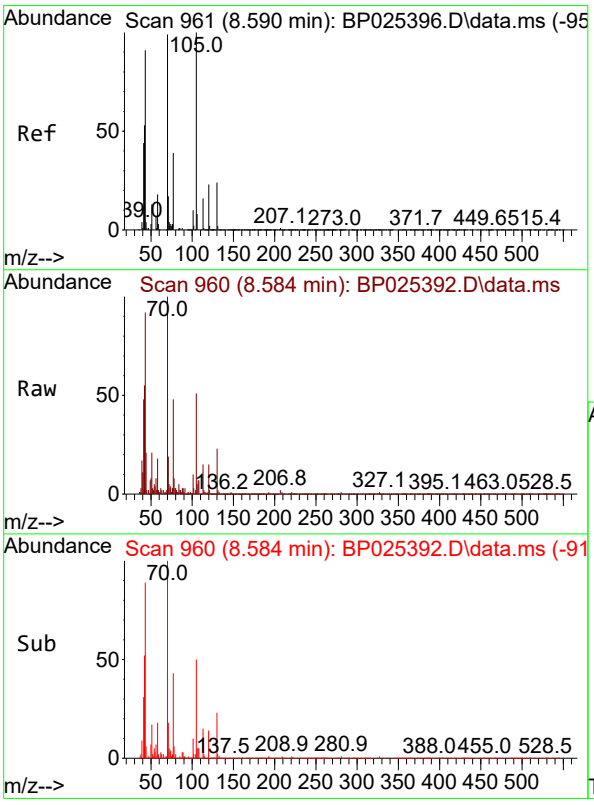
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

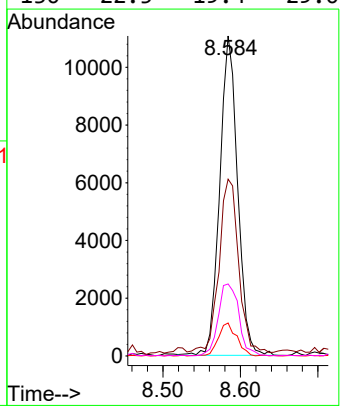
Sig	Exp Ratio
99	100
42	17.1
71	35.3

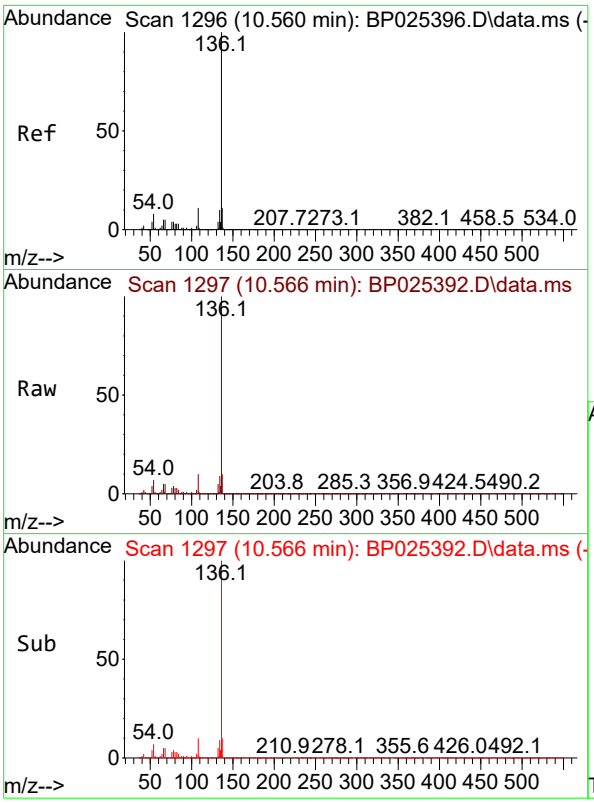


#19
n-Nitroso-di-n-propylamine
Concen: 2.476 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781

Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.8	65.6
101	10.3	8.5	12.7
130	22.5	19.4	29.0



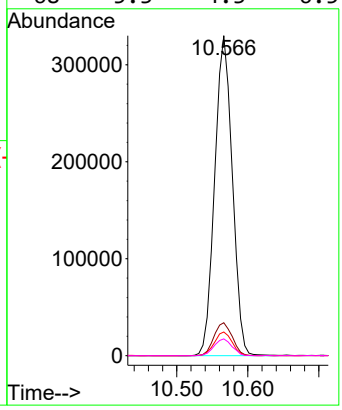


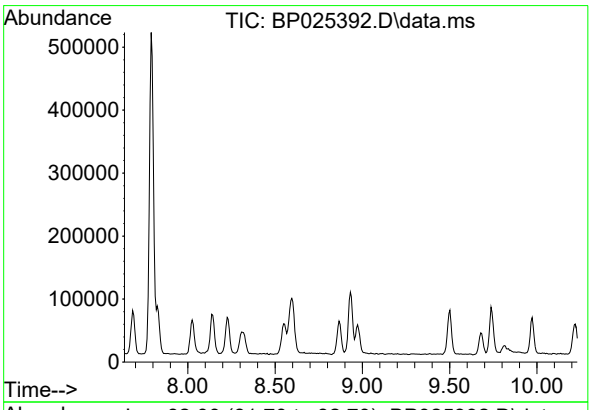
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 567766

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.4	6.0	9.0
68	5.3	4.3	6.5



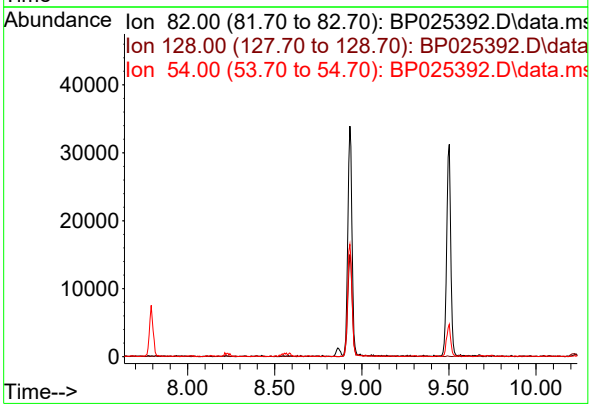


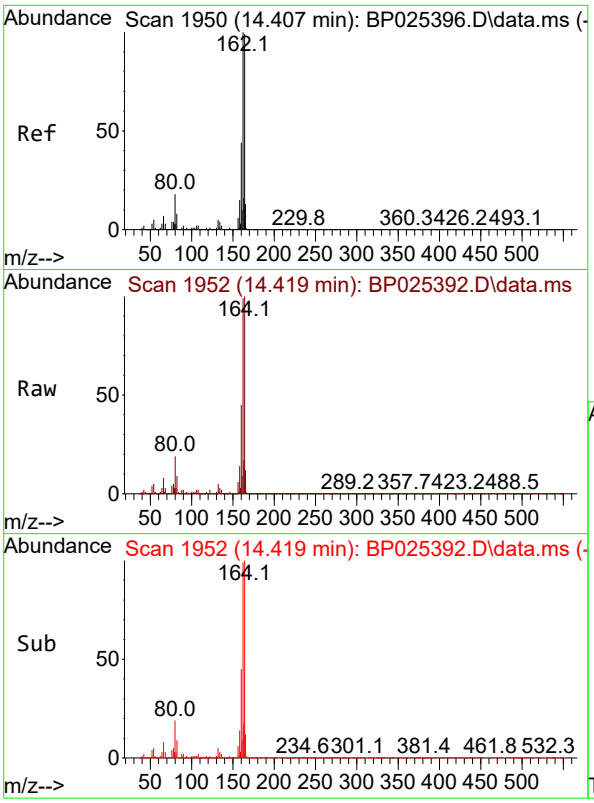
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.94 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	49.7



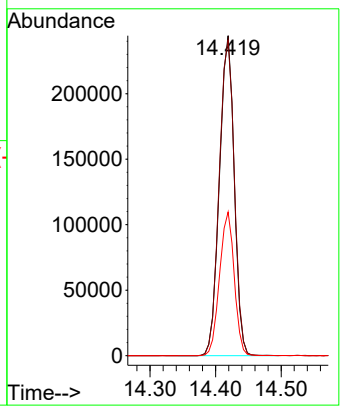


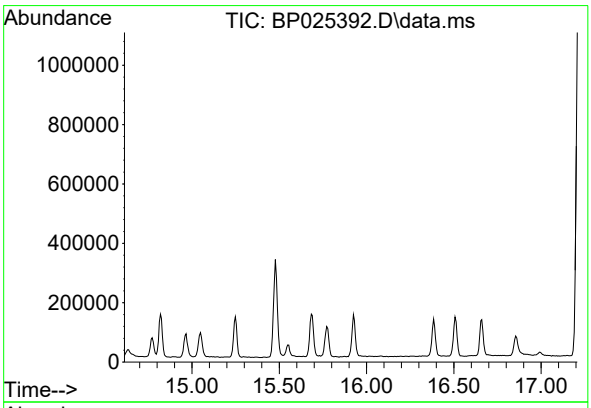
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 380728

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.0	121.6
160	44.9	35.4	53.2



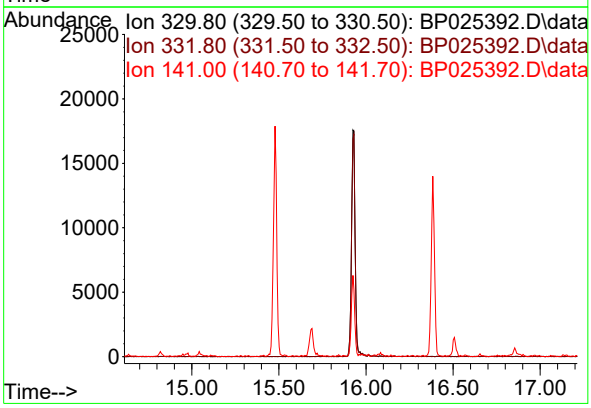


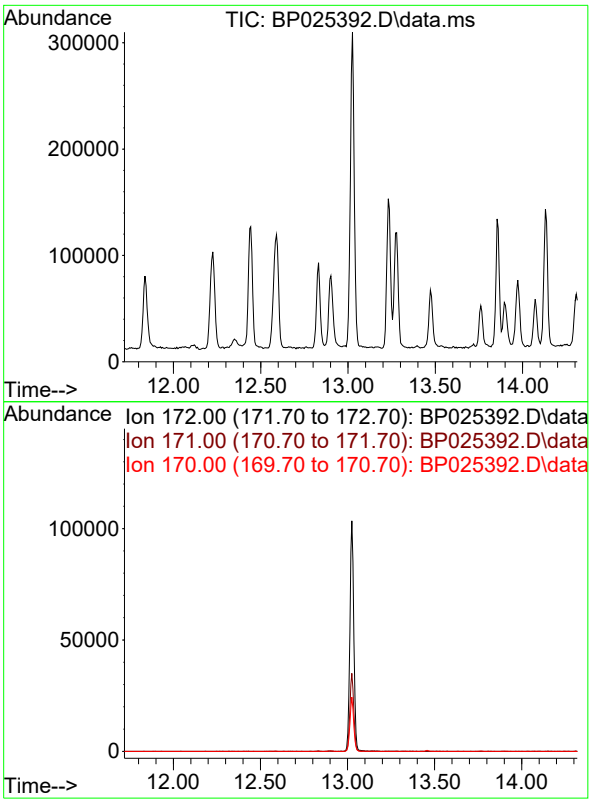
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.91 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	33.2





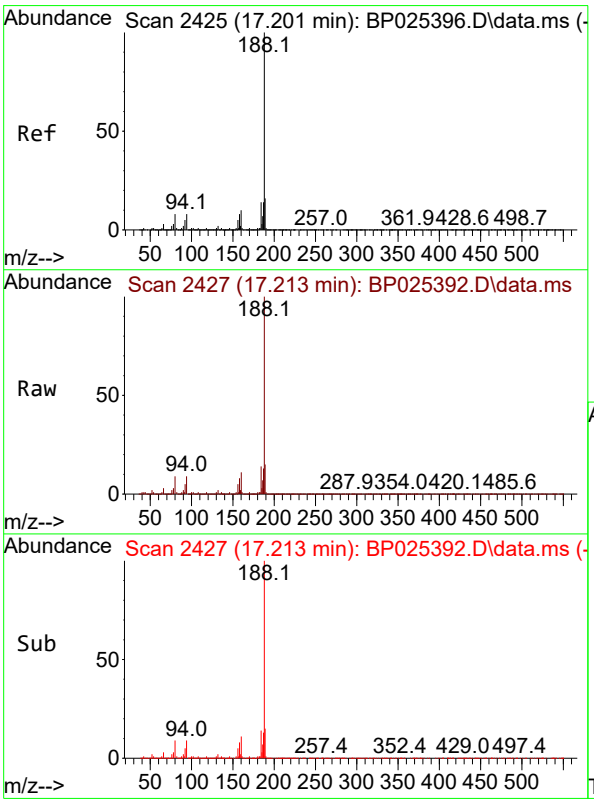
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

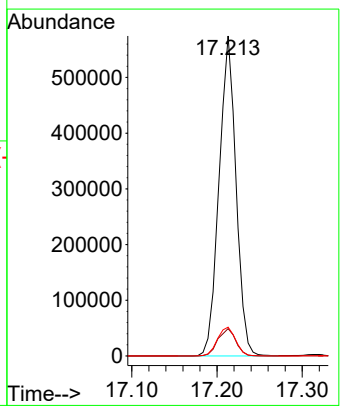
Sig	Exp Ratio
172	100
171	35.1
170	23.3

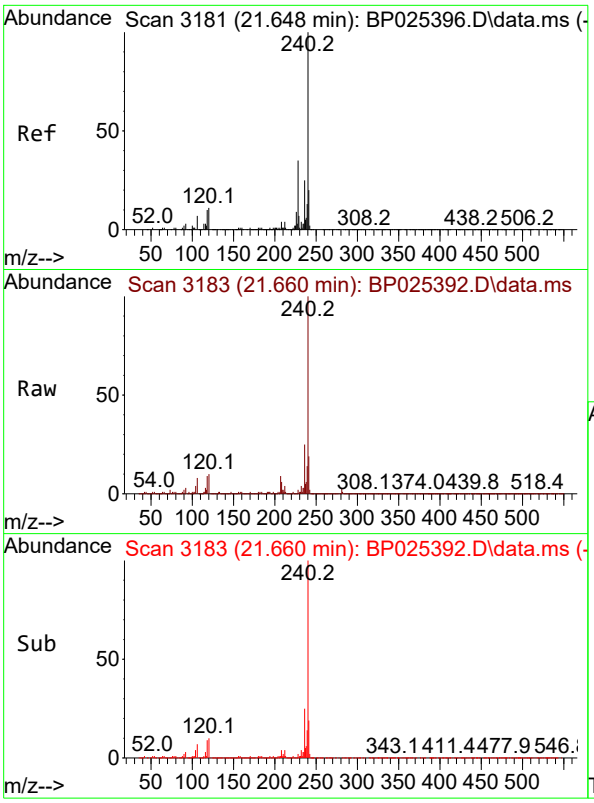


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion:188 Resp: 796256

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.0	6.7	10.1



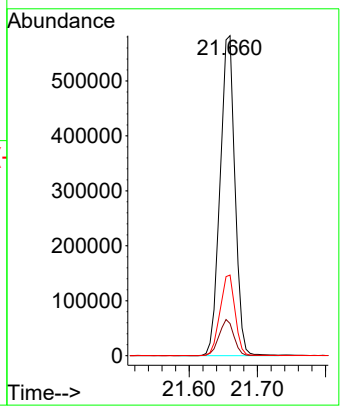


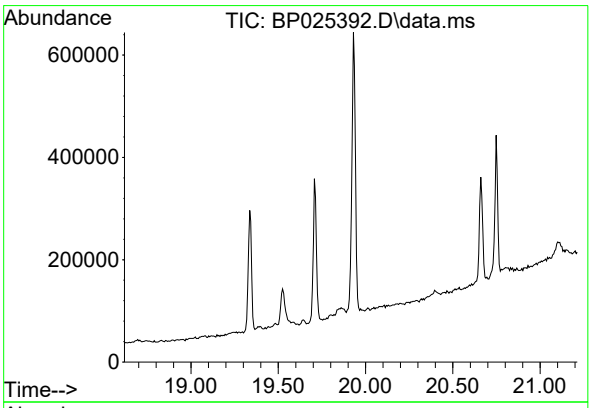
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 884747

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.2	19.8	29.8



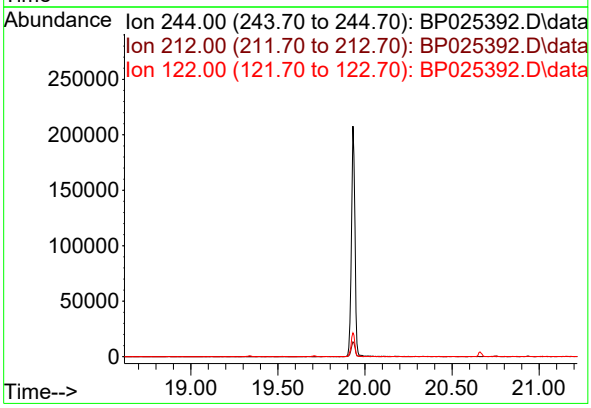


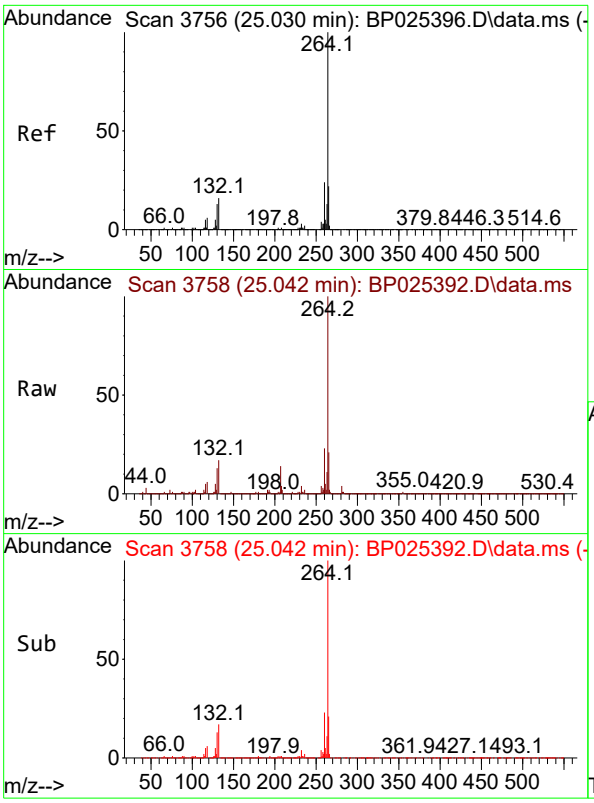
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	9.3



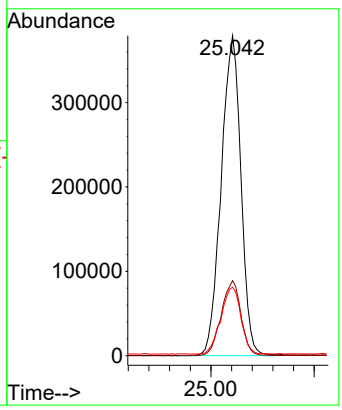


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1005304

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.4	17.4	26.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

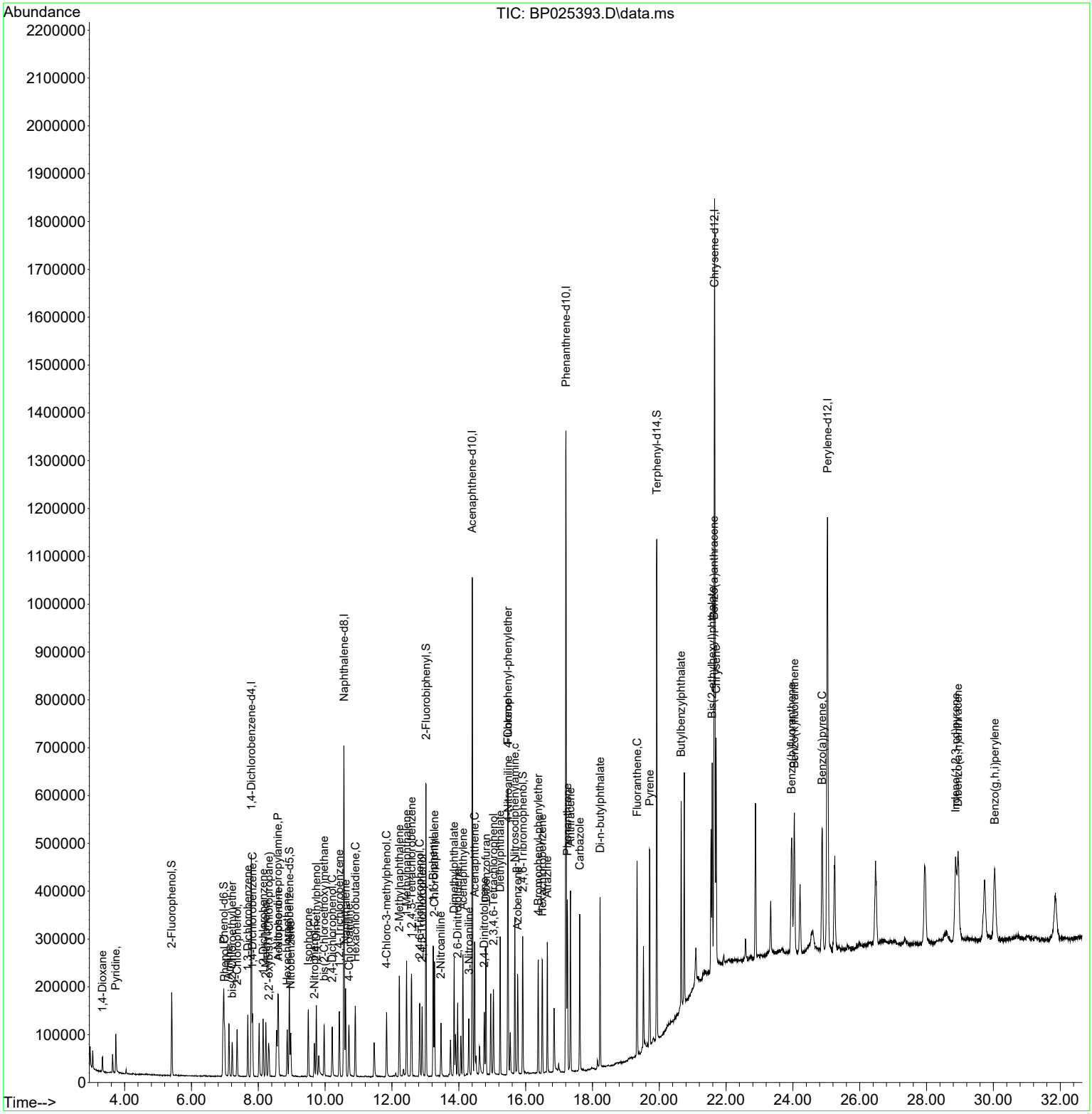
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

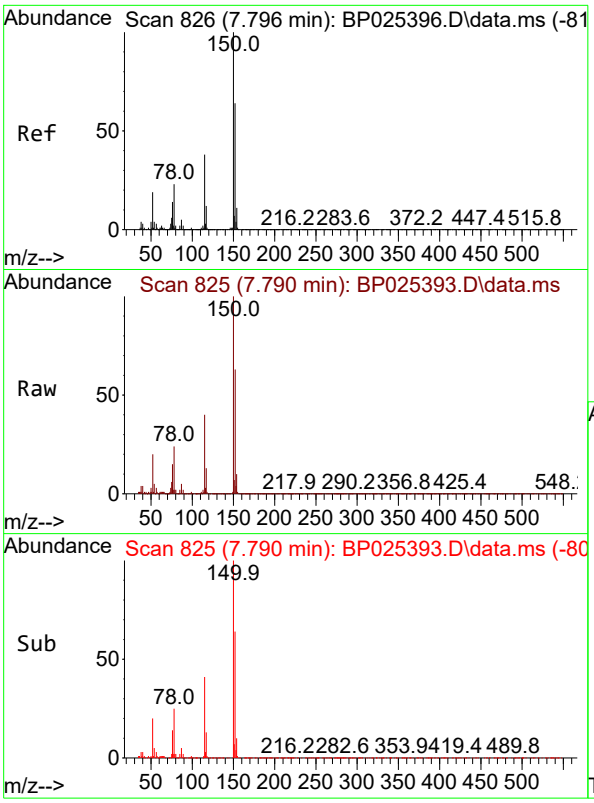
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

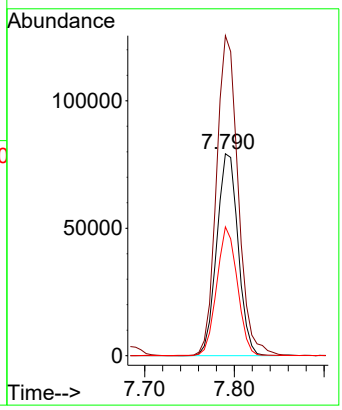




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 13095

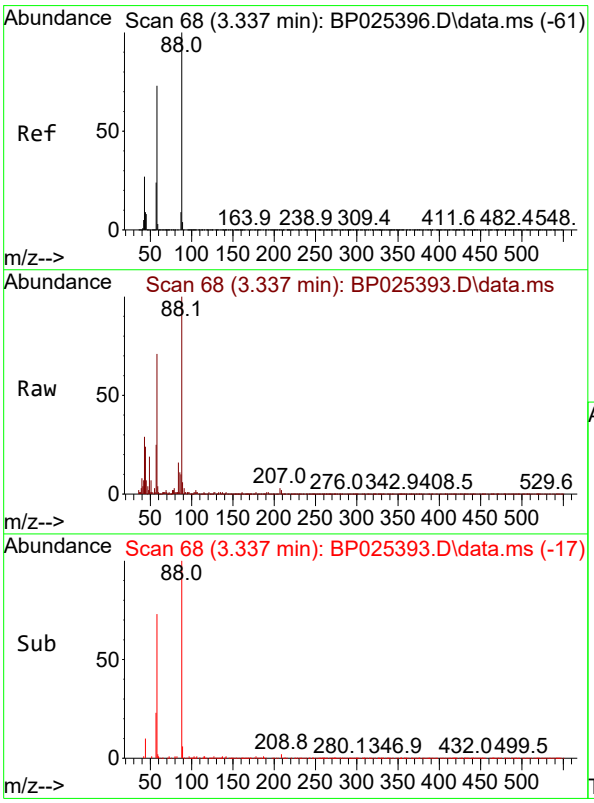
Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	63.8	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

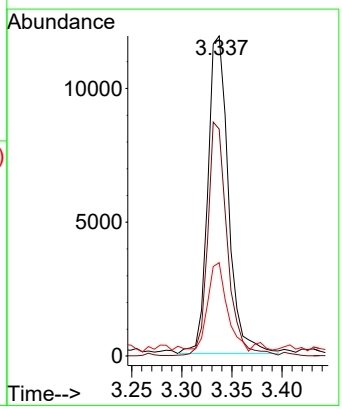
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

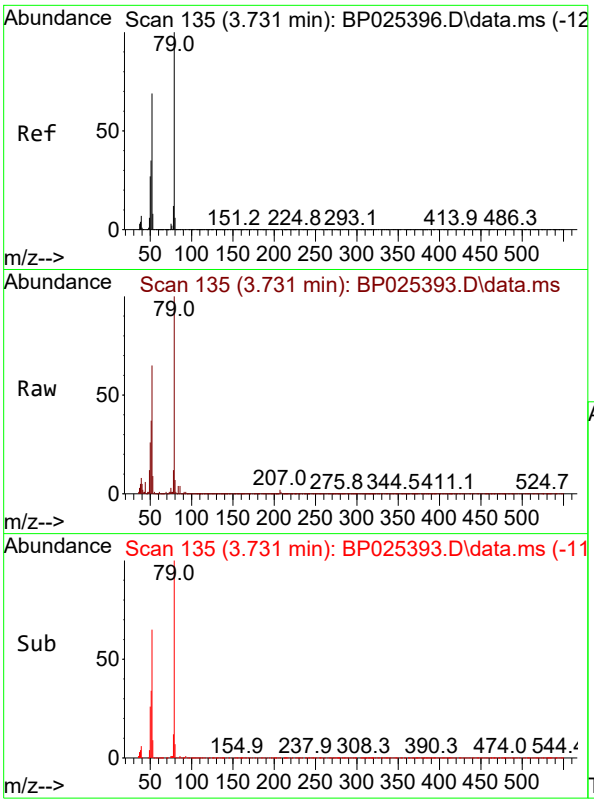


#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 88 Resp: 17016

Ion	Ratio	Lower	Upper
88	100		
58	69.1	59.2	88.8
43	26.1	21.7	32.5

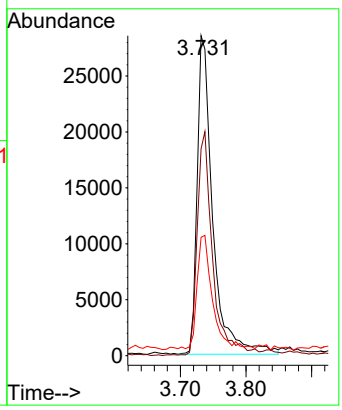




#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 79 Resp: 4734

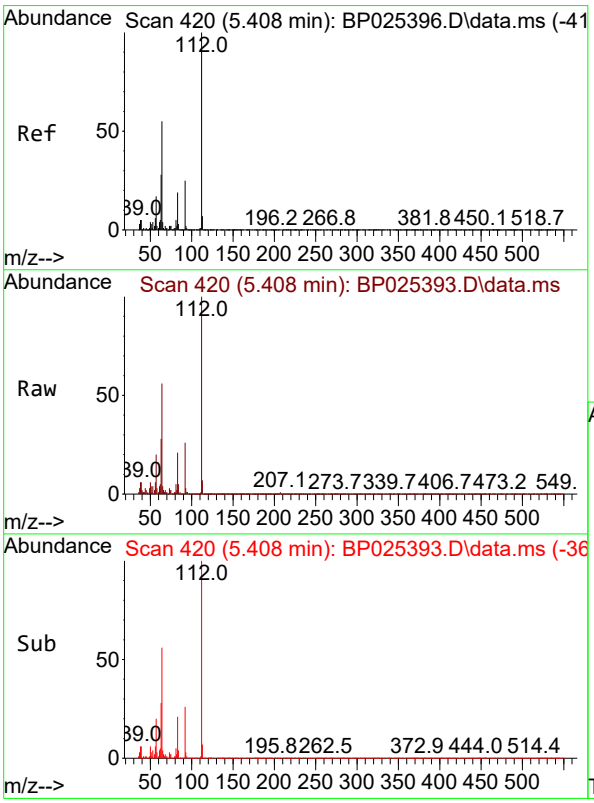
Ion	Ratio	Lower	Upper
79	100		
52	64.7	55.5	83.3
51	37.0	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

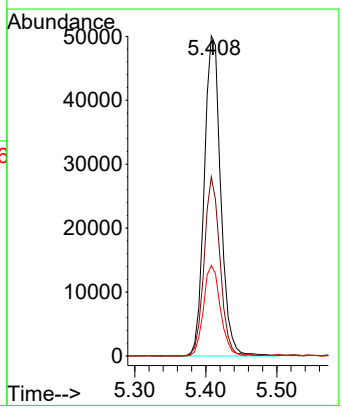
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

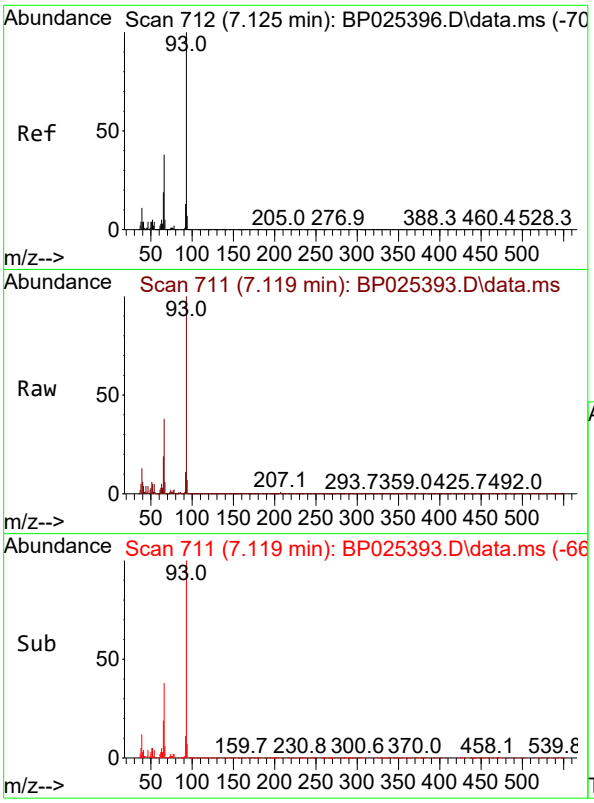


#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:112 Resp: 80645

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.3	22.7	34.1

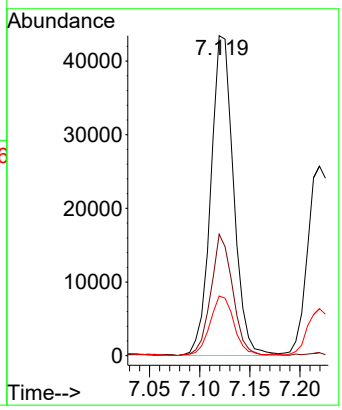




#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 6869

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.6	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
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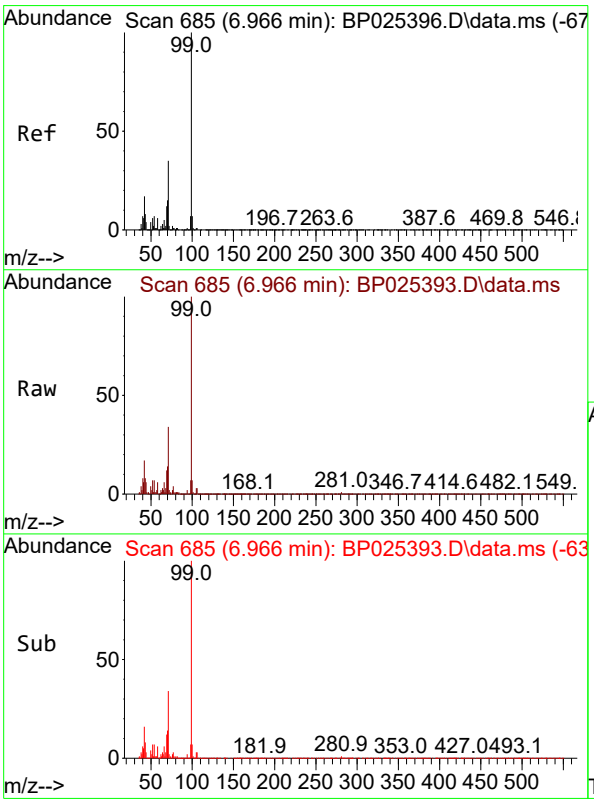
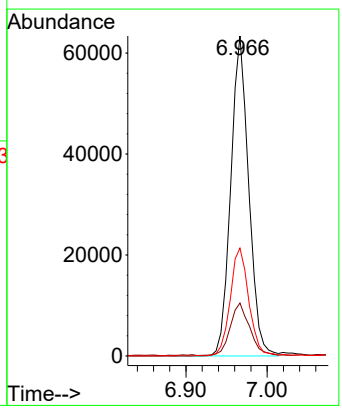
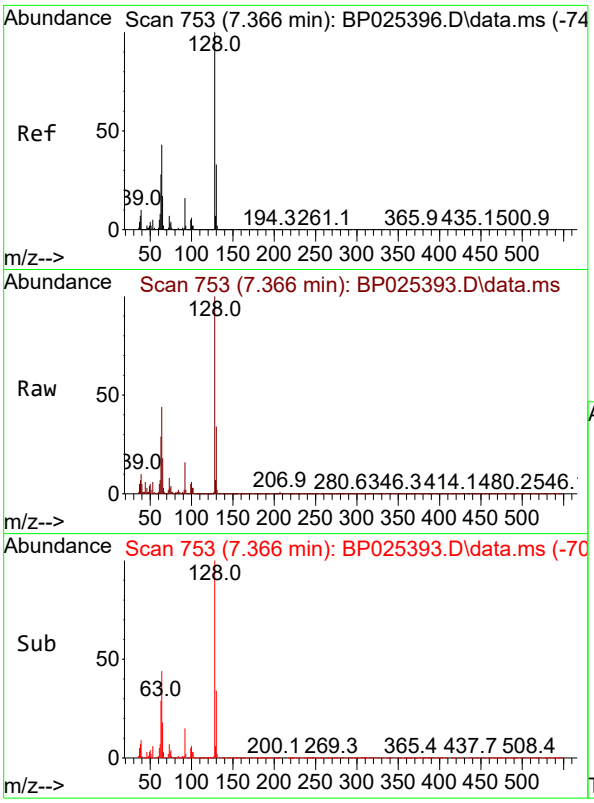


#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.7	28.2	42.4

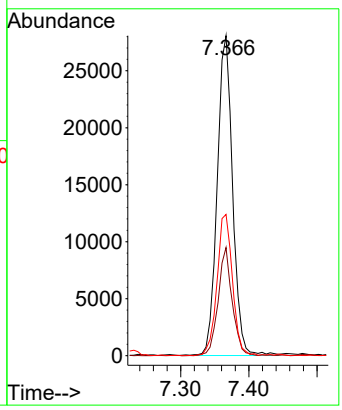




#8
2-Chlorophenol
Concen: 4.969 ng
RT: 7.366 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 4421

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	44.1	23.4	63.4



Instrument :
BNA_P
ClientSampleId :
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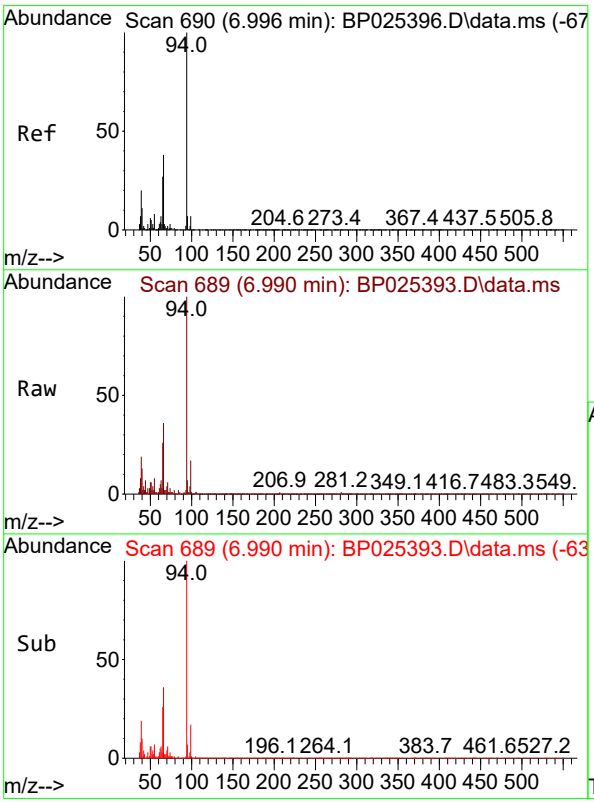
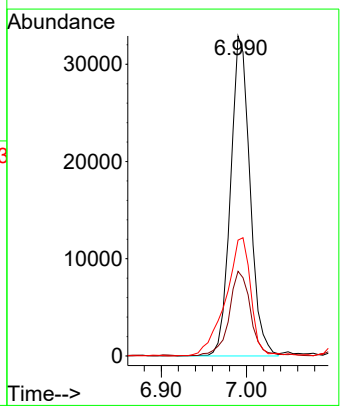
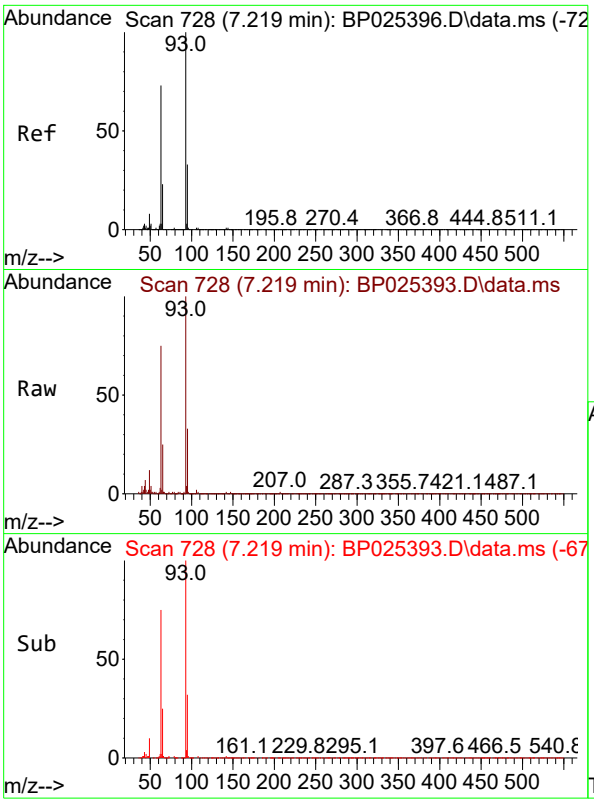


#10
Phenol
Concen: 4.919 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 94 Resp: 52186

Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.8	46.8
66	36.2	18.2	58.2

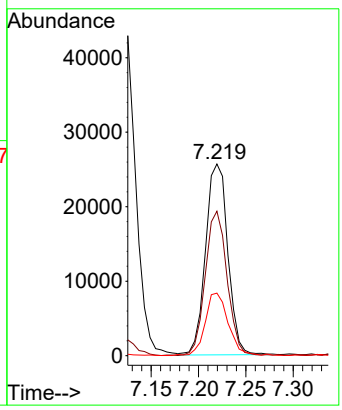




#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 4199

Ion	Ratio	Lower	Upper
93	100		
63	75.4	52.6	92.6
95	32.6	12.7	52.7



Instrument :
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ClientSampleId :
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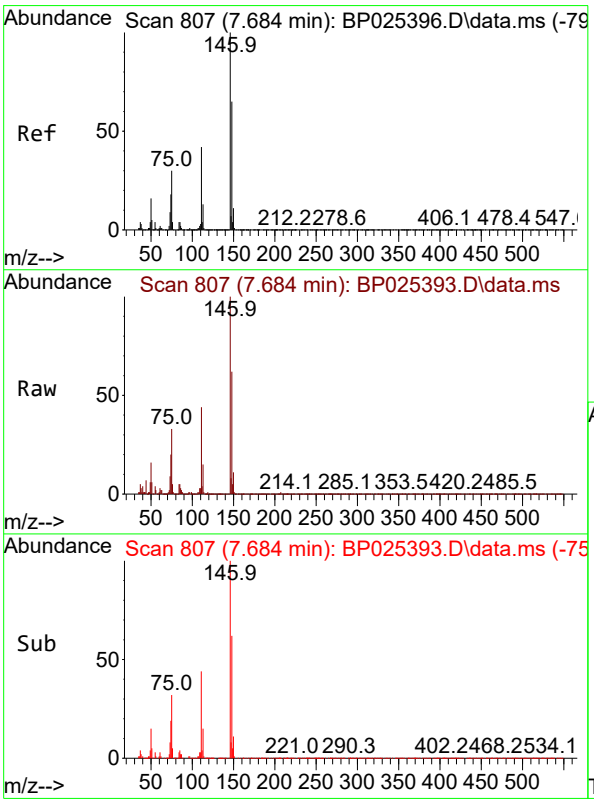
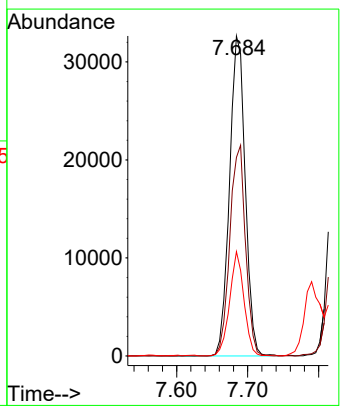
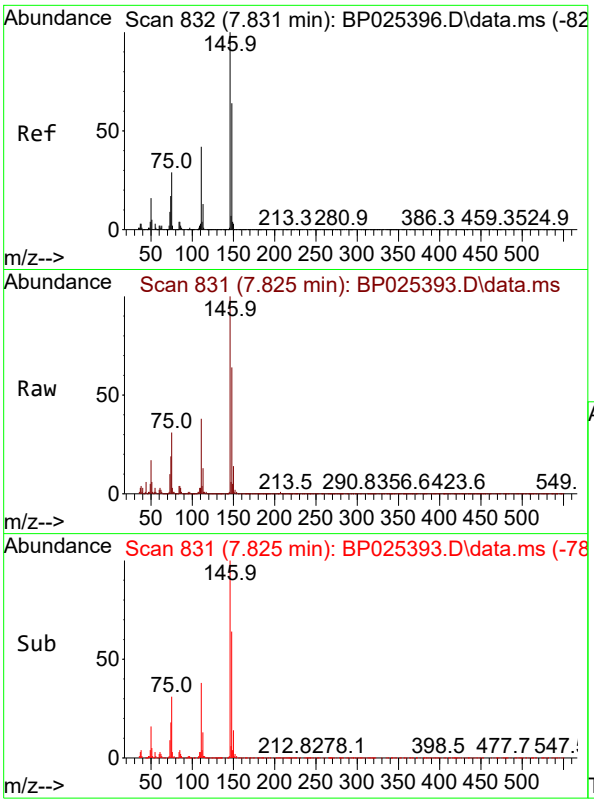


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50146

Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	32.6	23.7	35.5

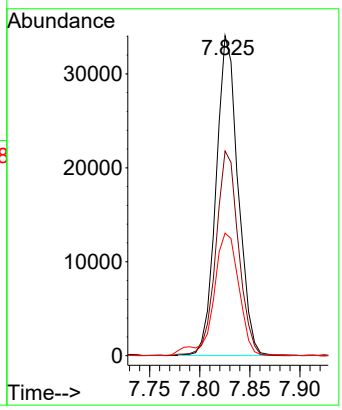




#13
1,4-Dichlorobenzene
Concen: 5.180 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 5194

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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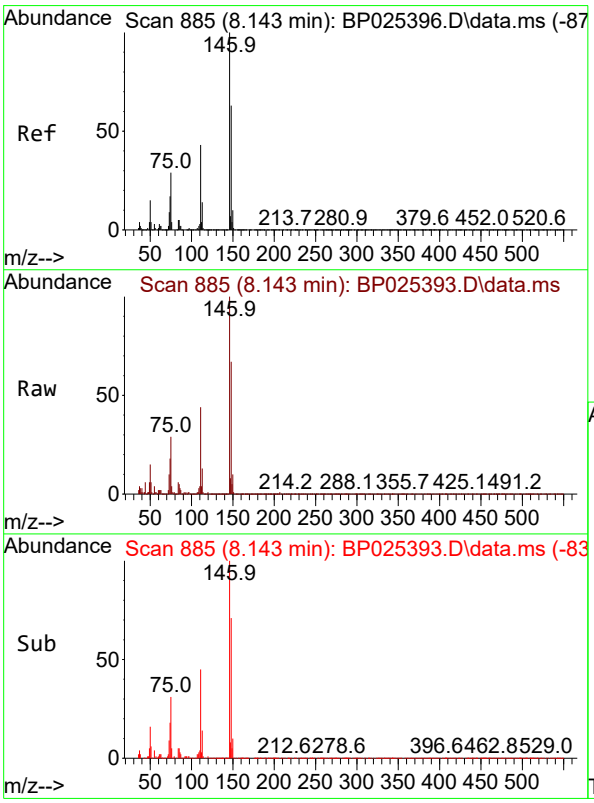
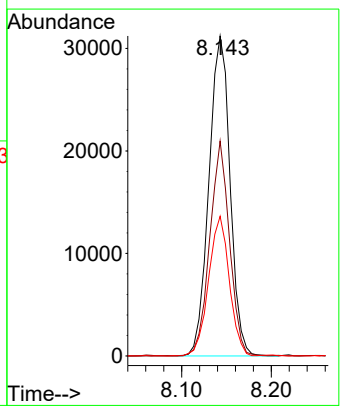
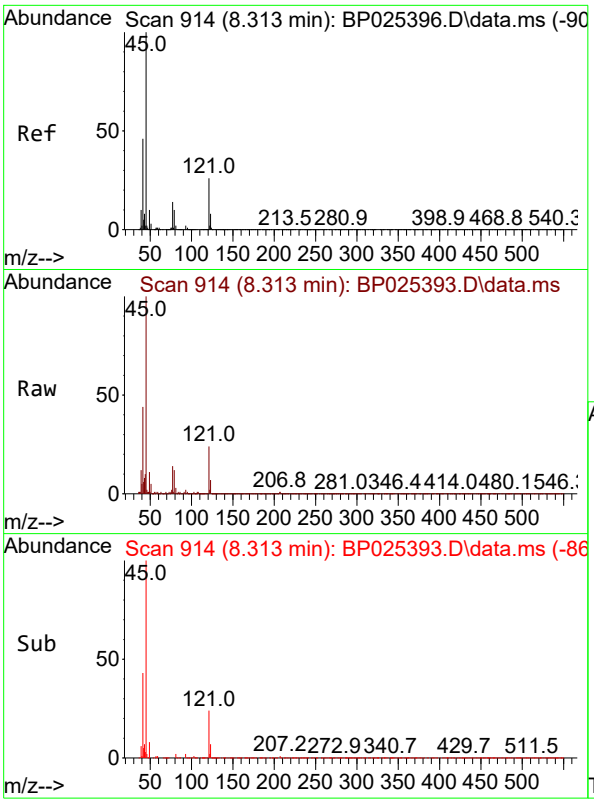


#14
1,2-Dichlorobenzene
Concen: 5.253 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:146 Resp: 50995

Ion	Ratio	Lower	Upper
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 45 Resp: 5768

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.3
79	12.4	0.0	31.8

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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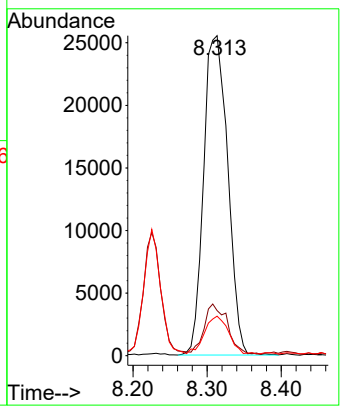
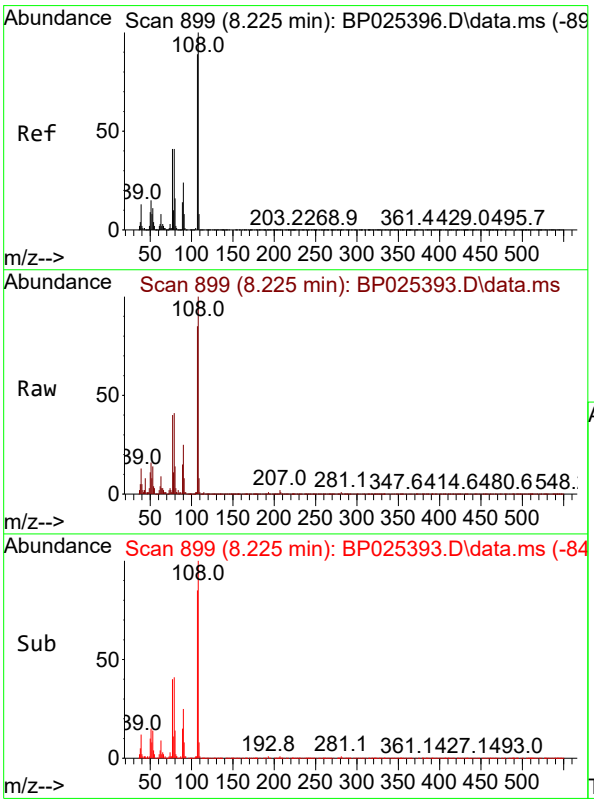
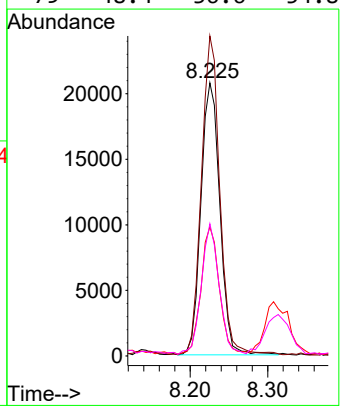


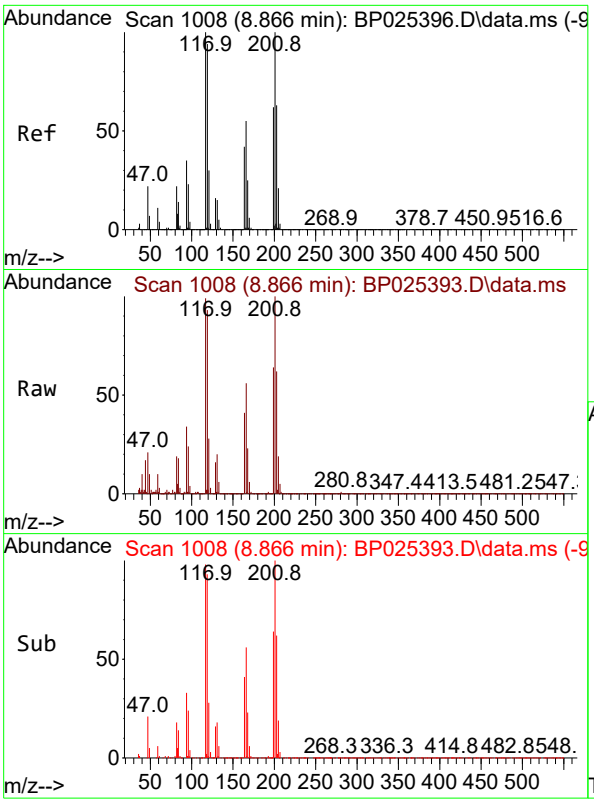


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 35186

Ion	Ratio	Lower	Upper
107	100		
108	117.2	89.4	134.0
77	47.2	36.3	54.5
79	48.4	36.6	54.8

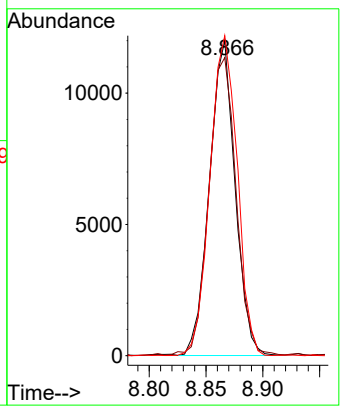




#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:117 Resp: 1890

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.1	112.7
201	101.5	80.1	120.1



Instrument :
BNA_P
ClientSampleId :
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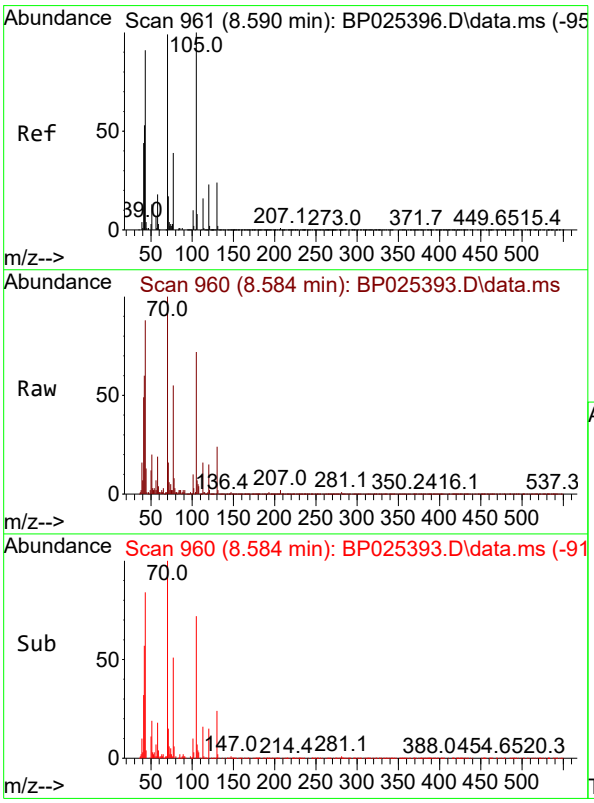
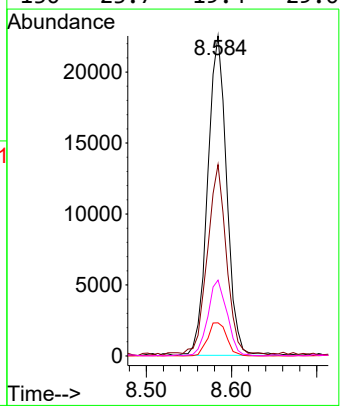
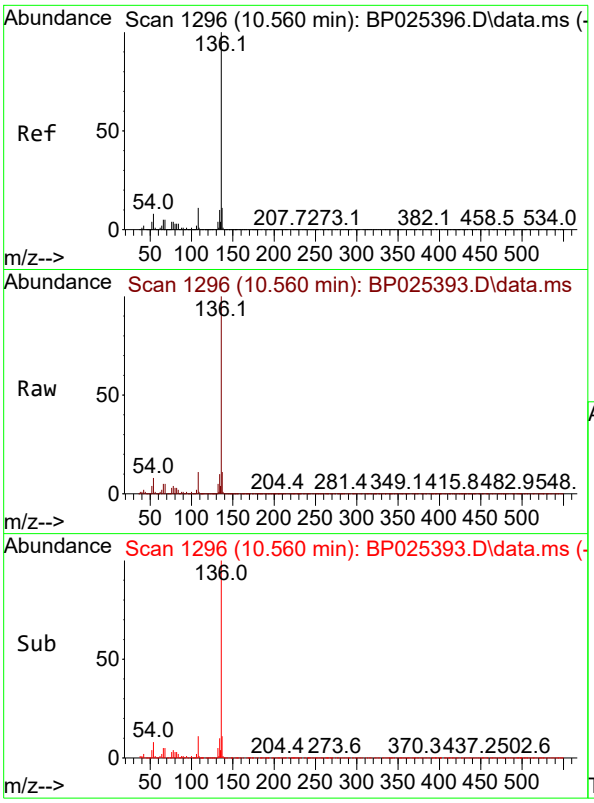


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 70 Resp: 34898

Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.8	65.6
101	10.3	8.5	12.7
130	23.7	19.4	29.0

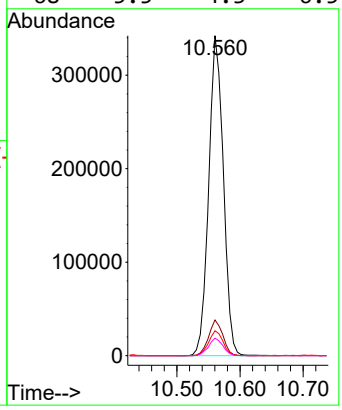




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:136 Resp: 55138

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	6.0	9.0
68	5.5	4.3	6.5



Instrument :
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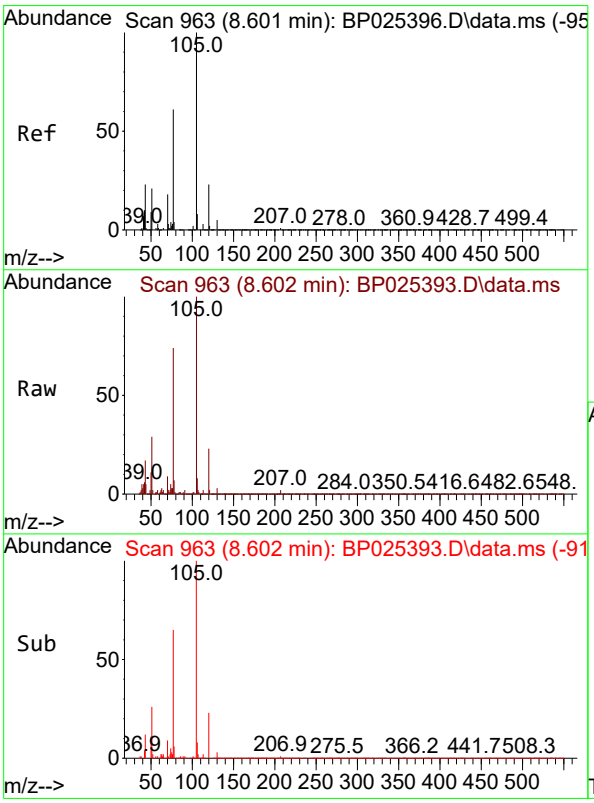
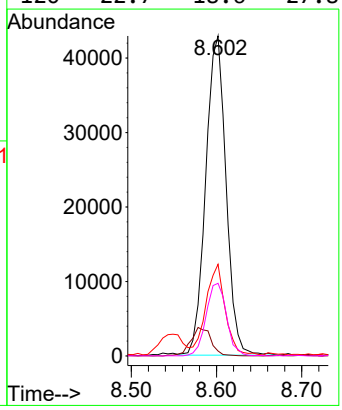
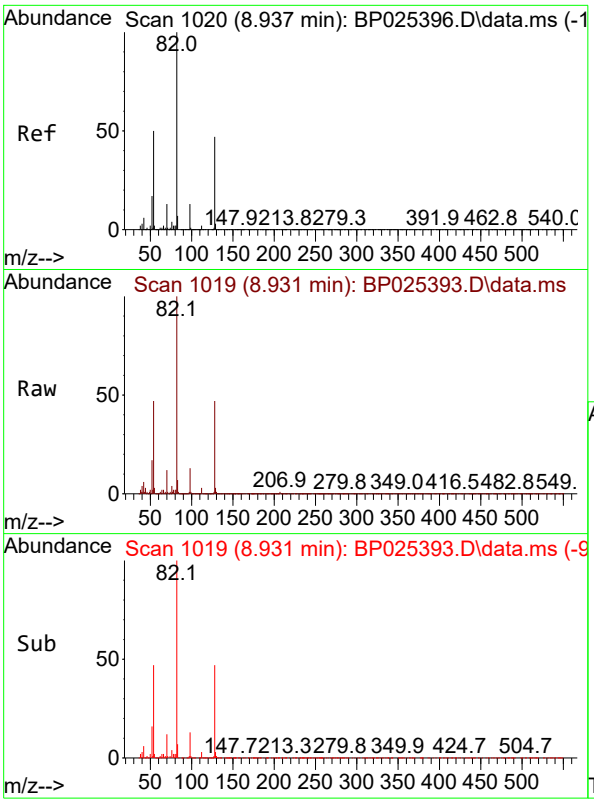


#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	28.7	20.6	30.8
120	22.7	18.6	27.8

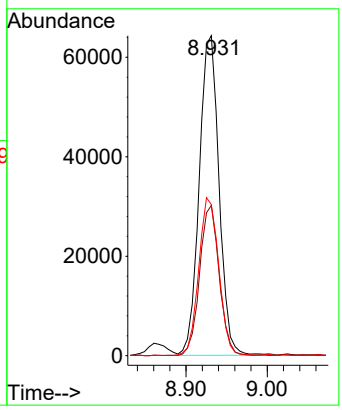




#23
Nitrobenzene-d5
Concen: 9.983 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10881

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	47.2	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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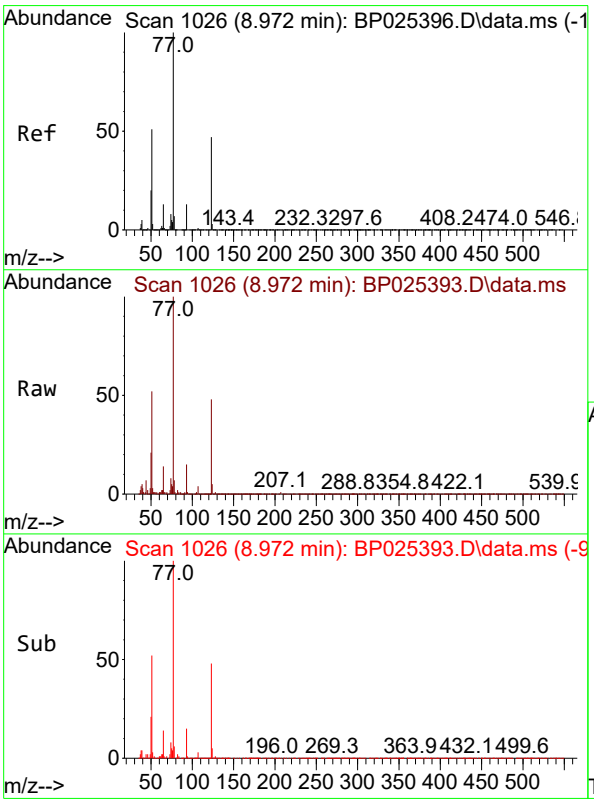
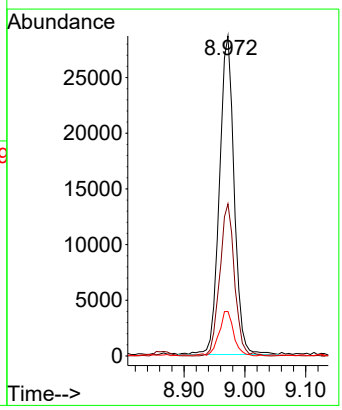
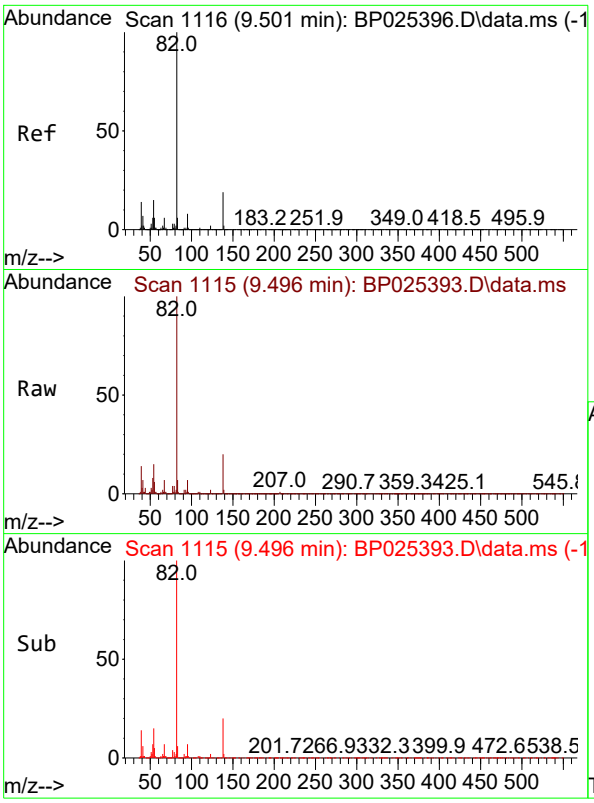


#24
Nitrobenzene
Concen: 4.951 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 48234

Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.6	58.0
65	13.9	10.6	15.8

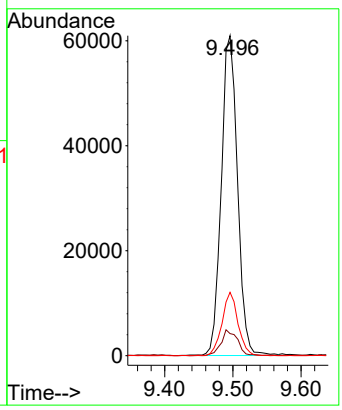




#25
Isophorone
Concen: 5.242 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 82 Resp: 10111

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	19.8	15.4	23.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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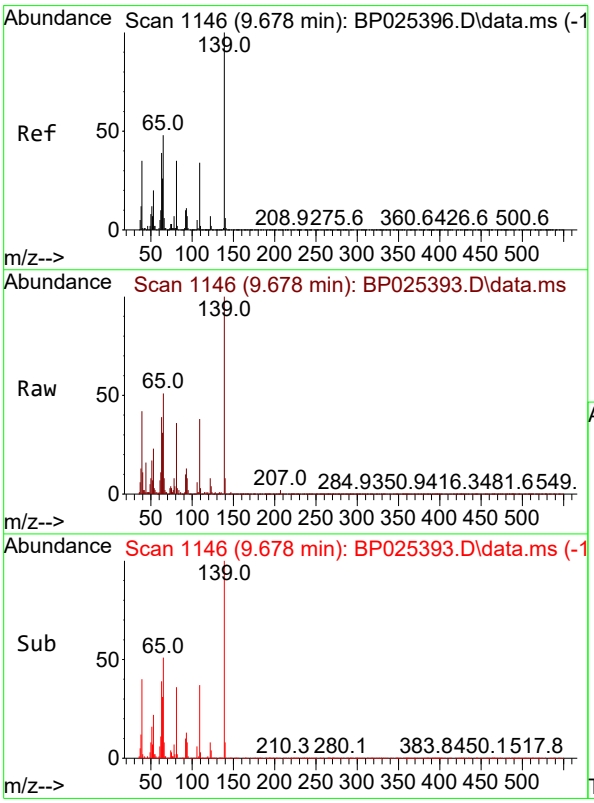
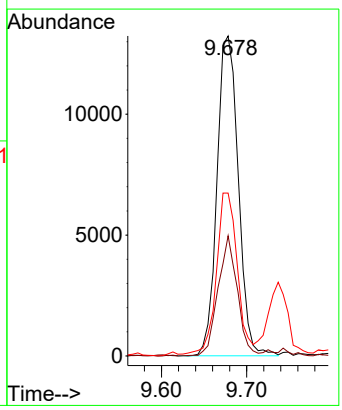
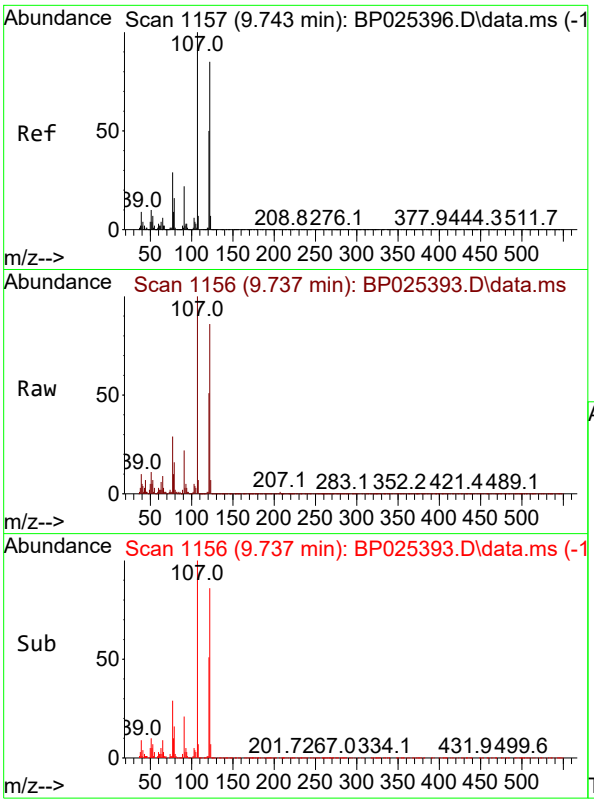


#26
2-Nitrophenol
Concen: 4.605 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:139 Resp: 23020

Ion	Ratio	Lower	Upper
139	100		
109	37.5	26.9	40.3
65	50.9	38.3	57.5

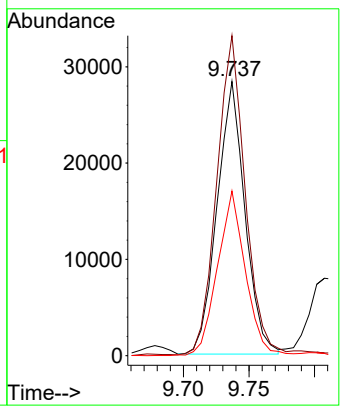




#27
2,4-Dimethylphenol
Concen: 4.861 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:122 Resp: 4179

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	60.0	46.6	69.8



Instrument :
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ClientSampleId :
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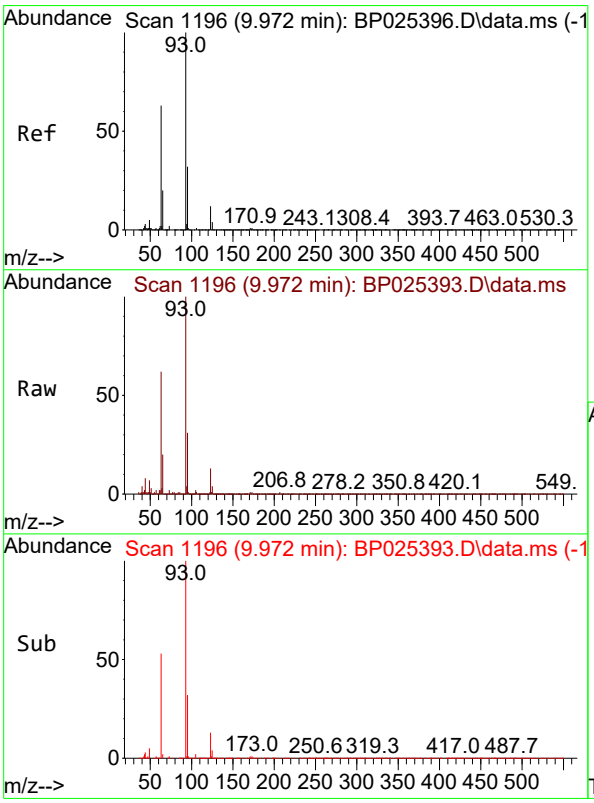
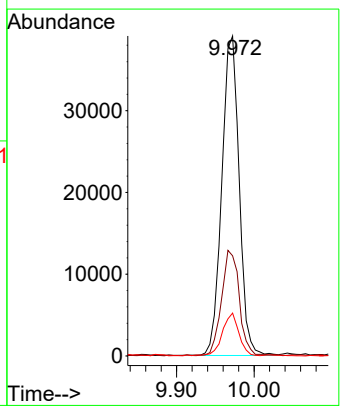
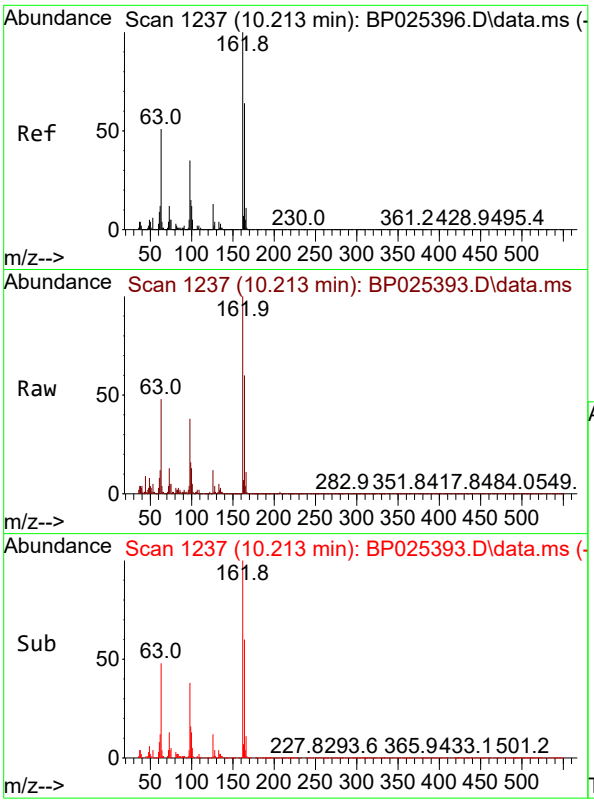


#28
bis(2-Chloroethoxy)methane
Concen: 5.233 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 93 Resp: 61017

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.4	38.0
123	13.4	9.4	14.0

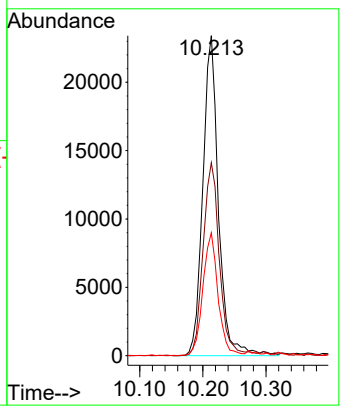




#29
2,4-Dichlorophenol
Concen: 4.723 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:162 Resp: 4033

Ion	Ratio	Lower	Upper
162	100		
164	60.3	44.4	84.4
98	38.4	14.9	54.9



Instrument :
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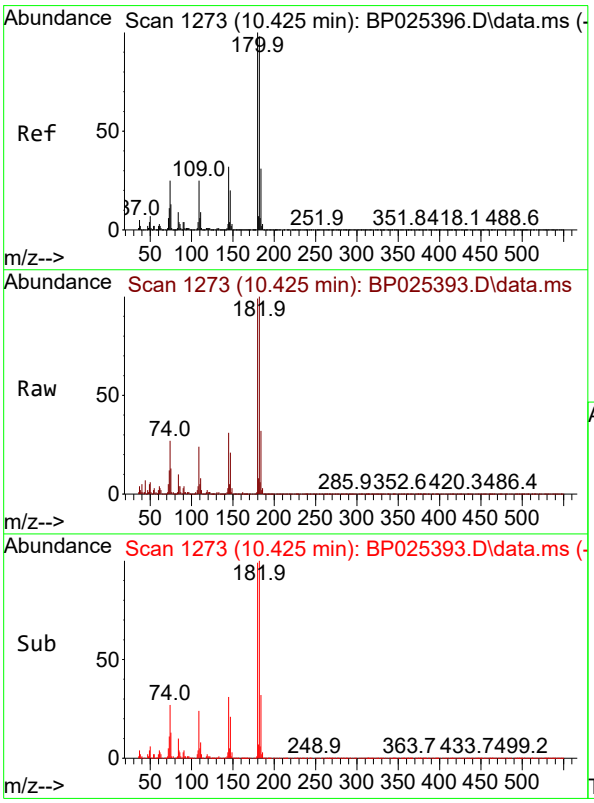
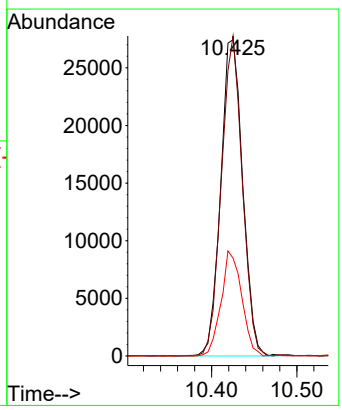
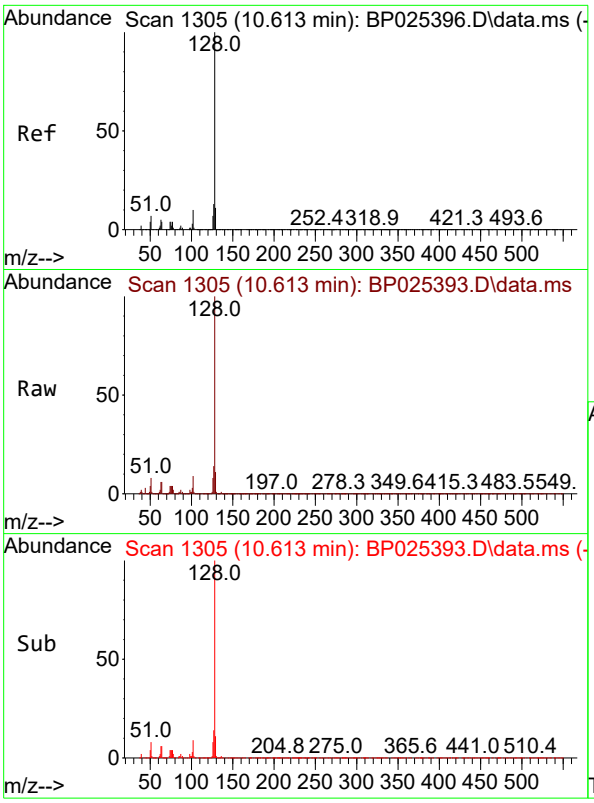


#30
1,2,4-Trichlorobenzene
Concen: 5.259 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:180 Resp: 49237

Ion	Ratio	Lower	Upper
180	100		
182	101.2	78.0	117.0
145	30.9	25.9	38.9

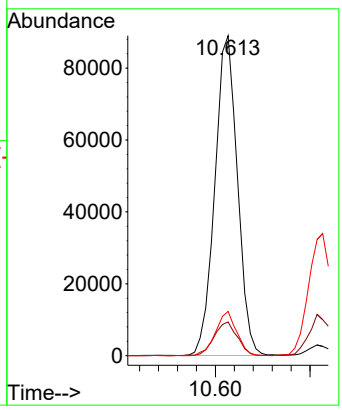




#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:128 Resp: 14734

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.9	10.7	16.1



Instrument :
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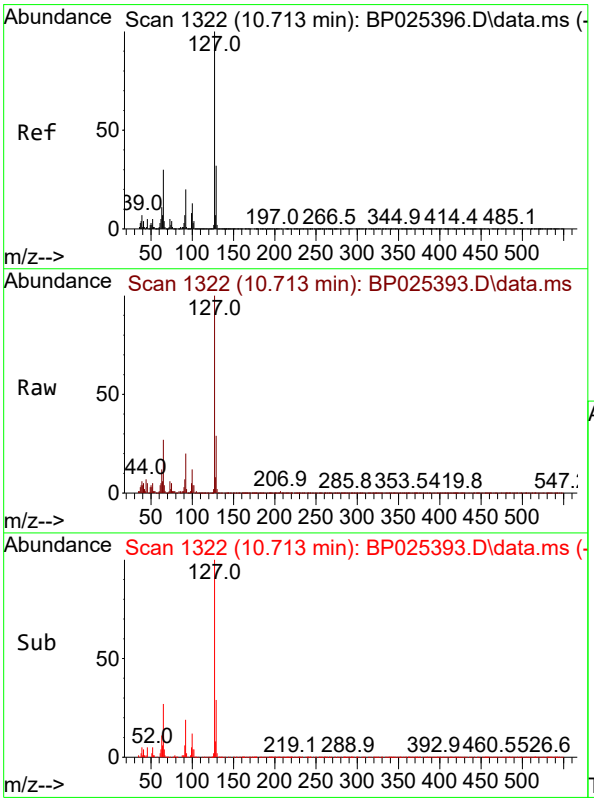
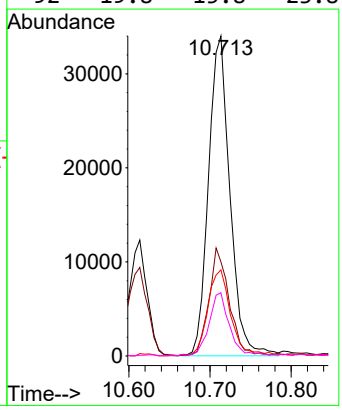
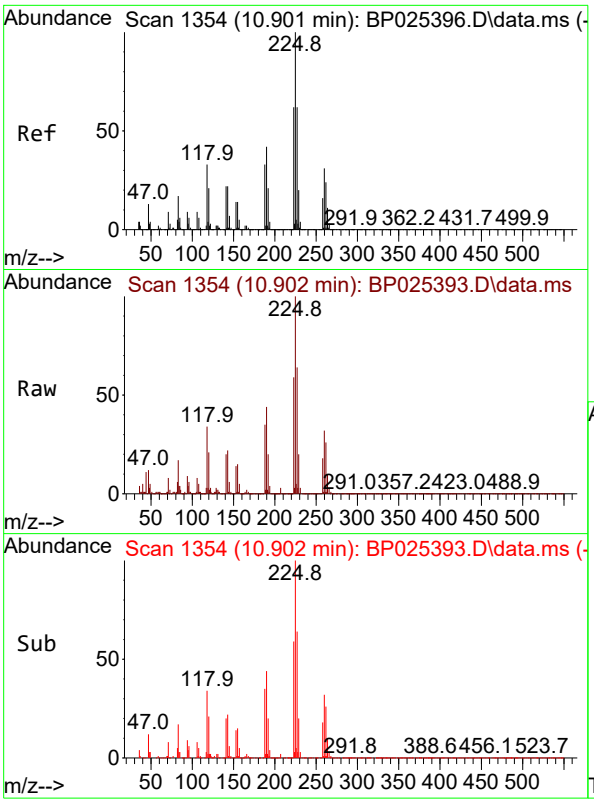


#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:127 Resp: 62452

Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.4	38.2
65	26.9	23.8	35.6
92	19.8	15.8	23.8

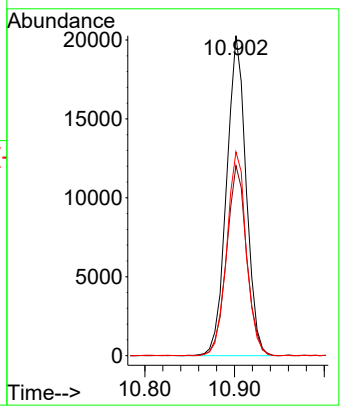




#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:225 Resp: 3055

Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.0	75.0
227	66.3	49.7	74.5



Instrument :
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ClientSampleId :
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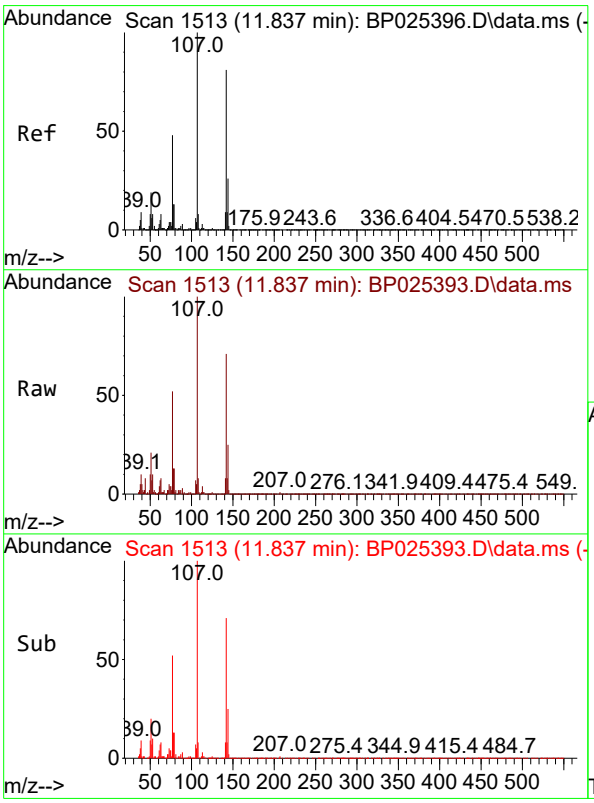
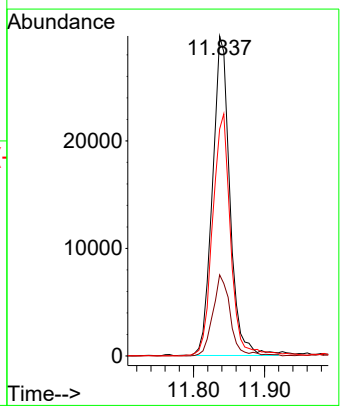
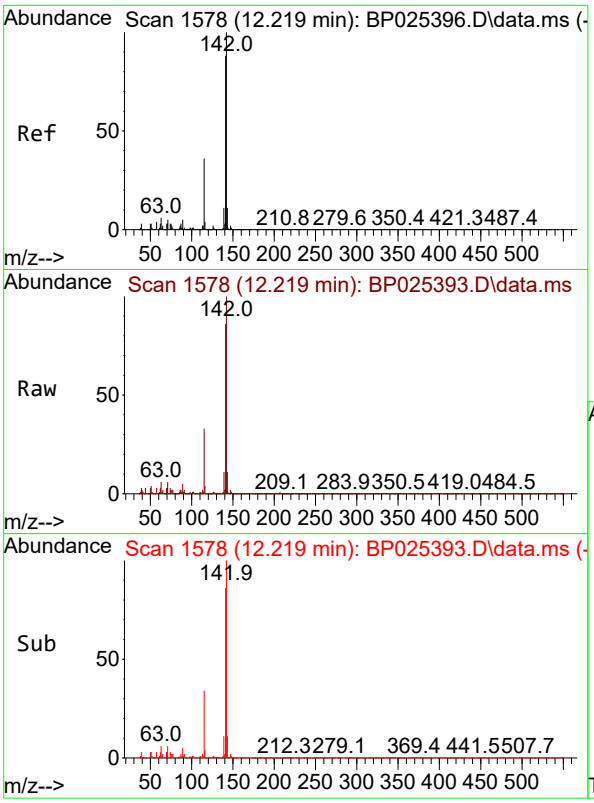


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:107 Resp: 50515

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	70.9	64.6	97.0

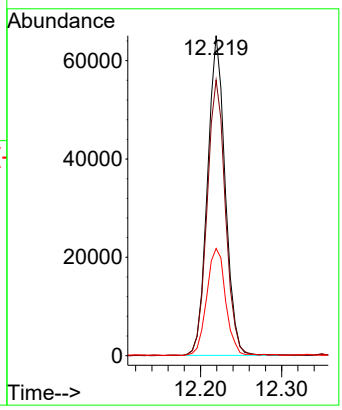




#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 9864

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.3	105.5
115	33.5	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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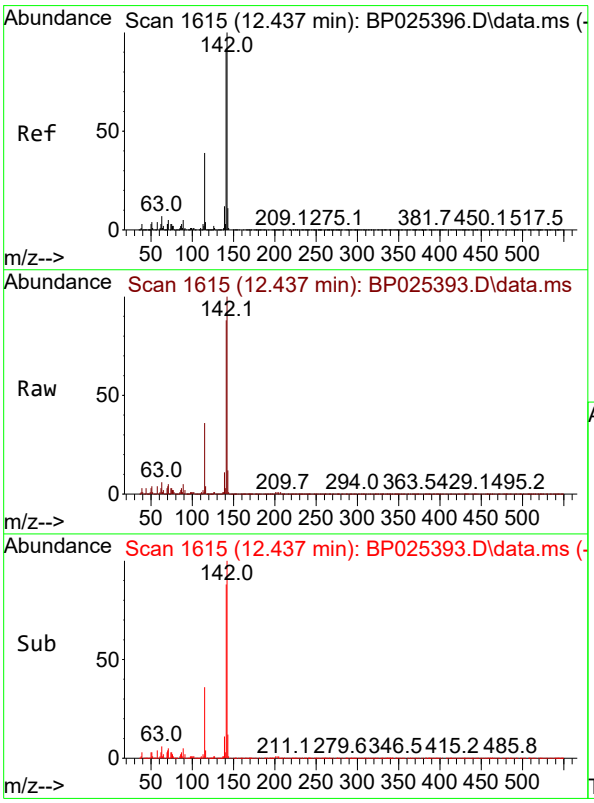
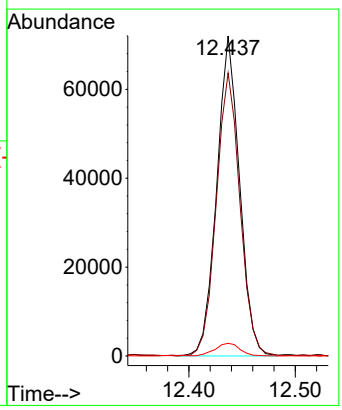
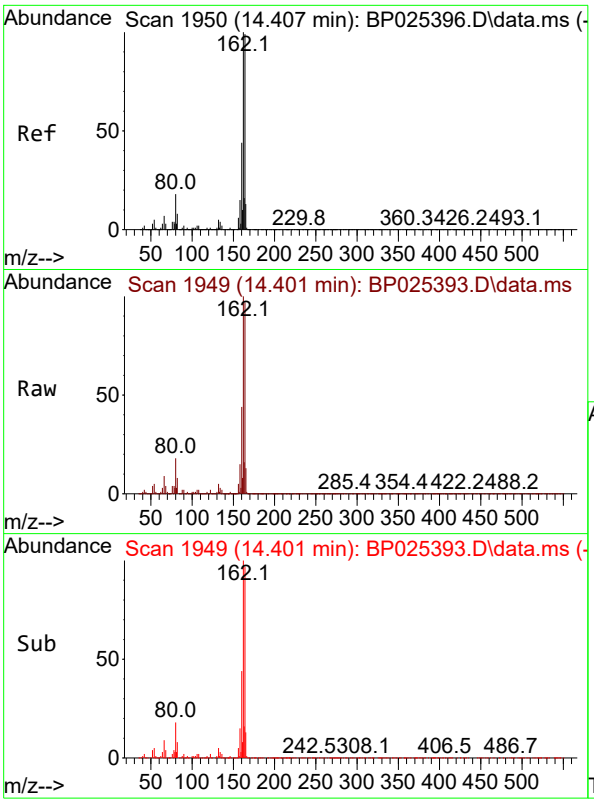


#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 107044

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.1	109.7
116	3.9	3.2	4.8

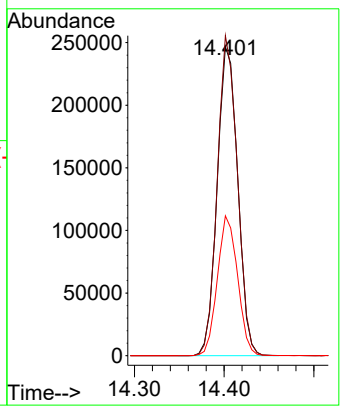




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:164 Resp: 39237

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.0	121.6
160	45.3	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
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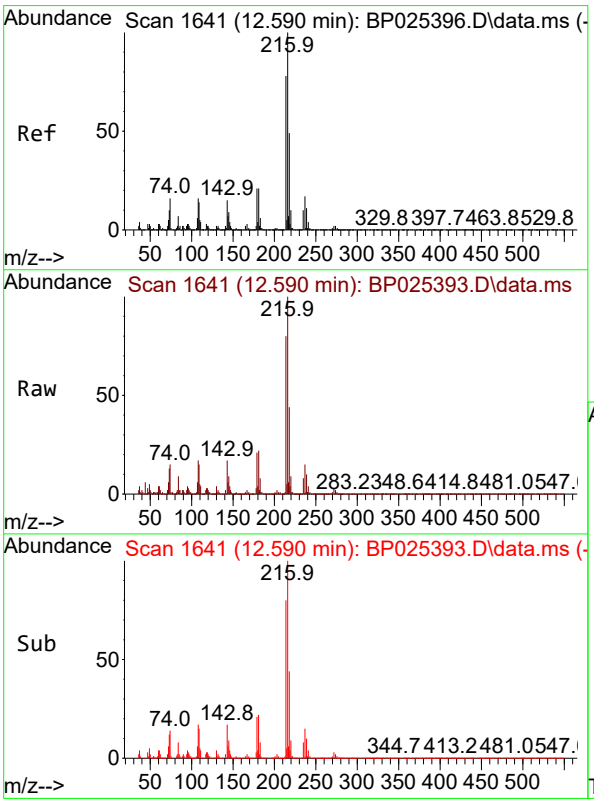
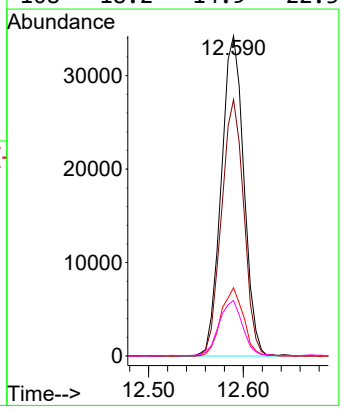
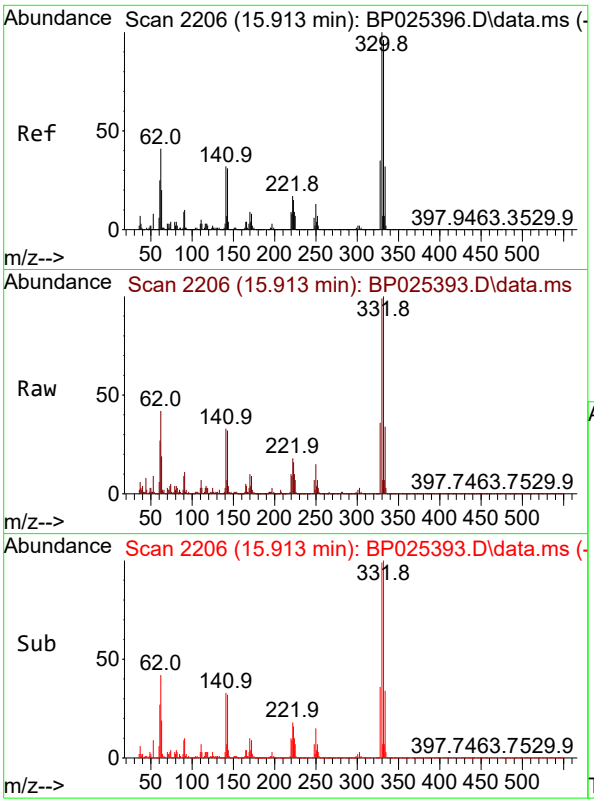


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.001 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.3	17.1	25.7
108	18.2	14.9	22.3

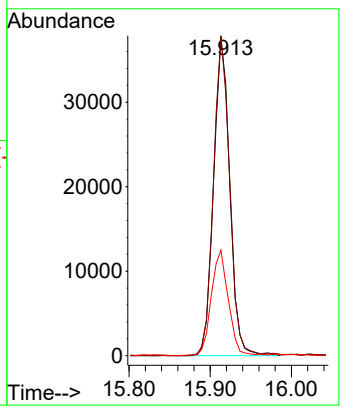




#42
2,4,6-Tribromophenol
Concen: 9.881 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:330 Resp: 5218

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.3	115.9
141	34.9	26.6	39.8



Instrument :
BNA_P
ClientSampleId :
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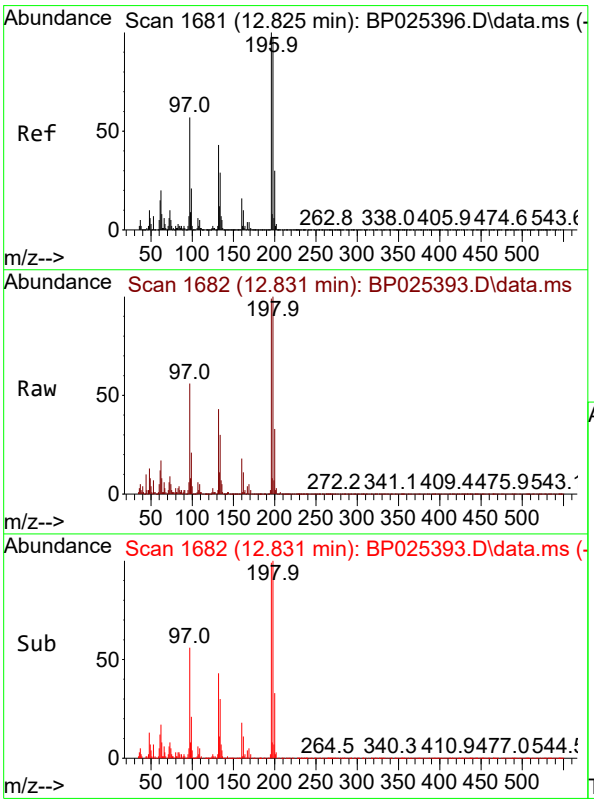
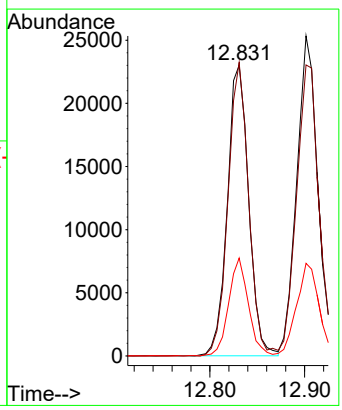
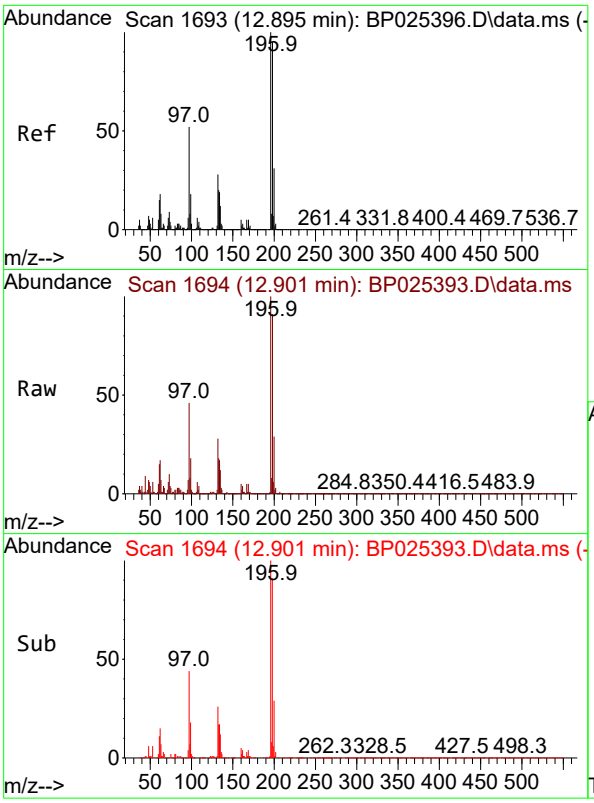


#43
2,4,6-Trichlorophenol
Concen: 4.718 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 36093

Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.2	115.8
200	33.7	23.9	35.9

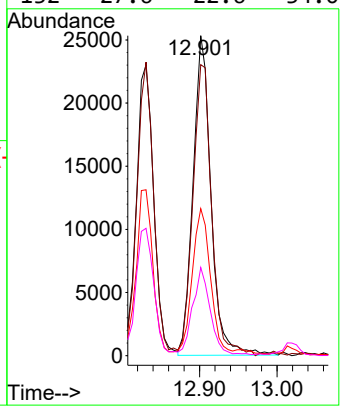




#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:196 Resp: 4087

Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.2	114.2
97	46.0	41.2	61.8
132	27.6	22.6	34.0



Instrument :
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ClientSampleId :
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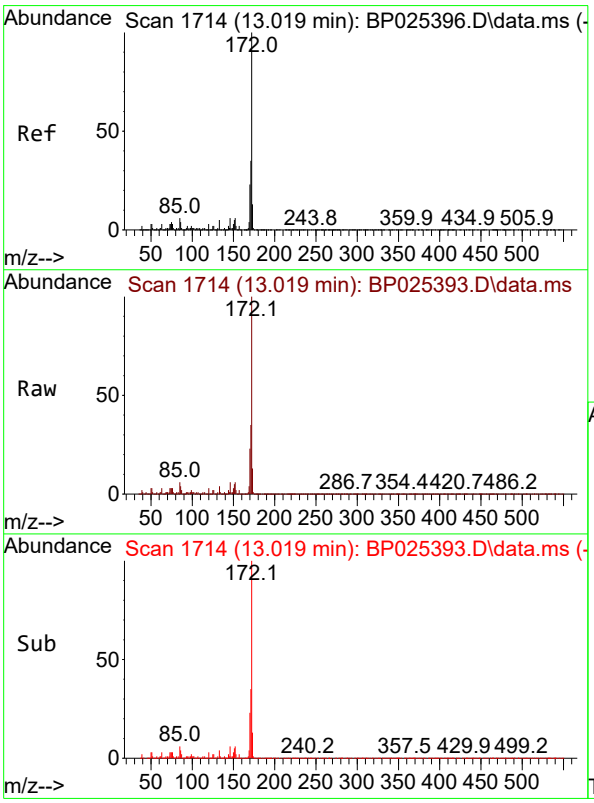
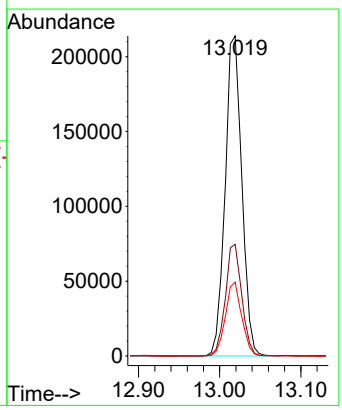
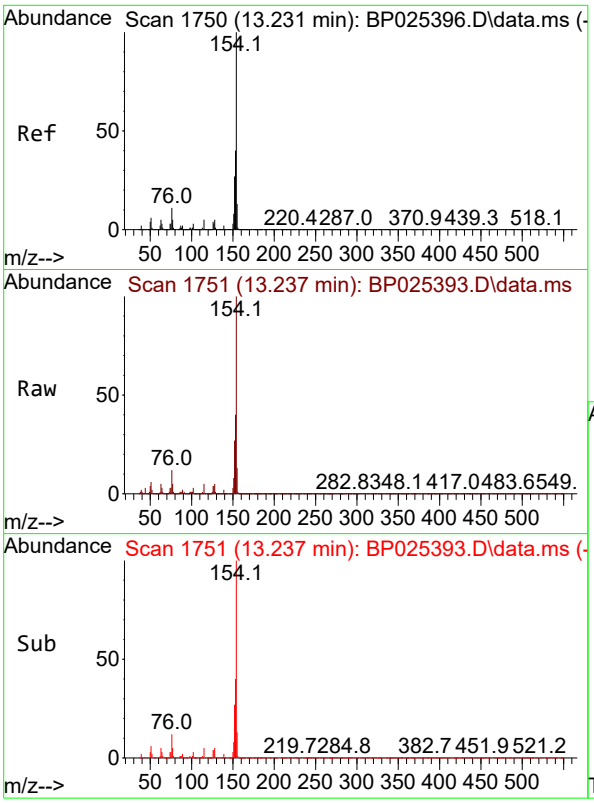


#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:172 Resp: 305742

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.1	18.6	28.0

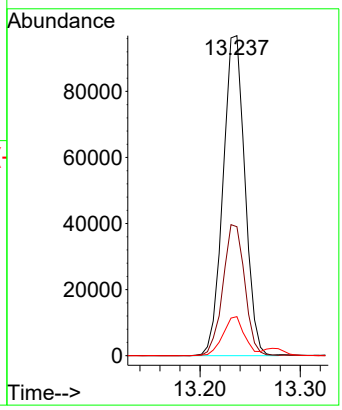




#46
1,1'-Biphenyl
Concen: 5.146 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 14665

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	12.2	0.0	31.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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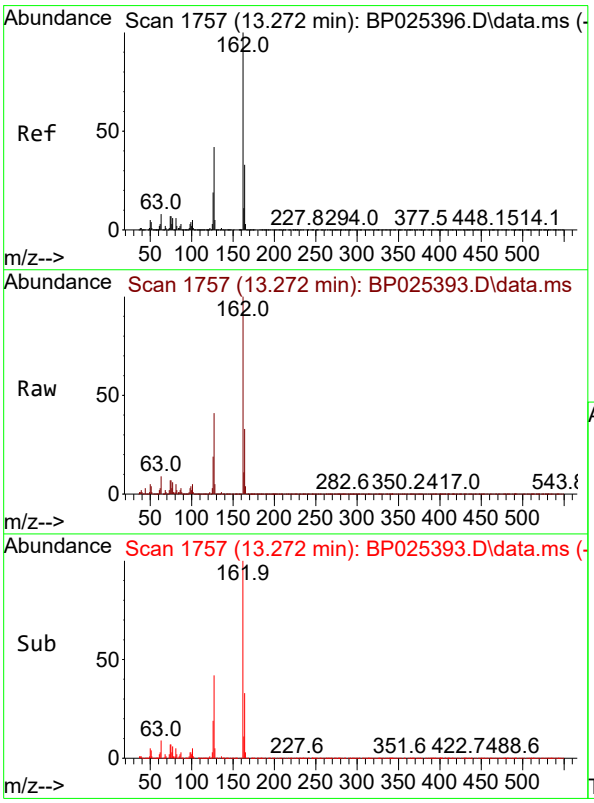
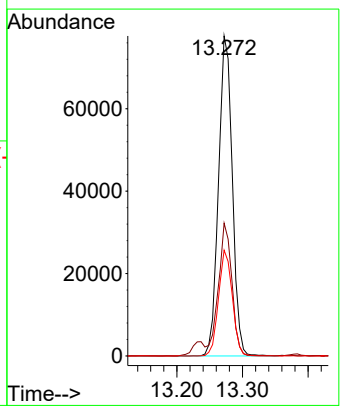
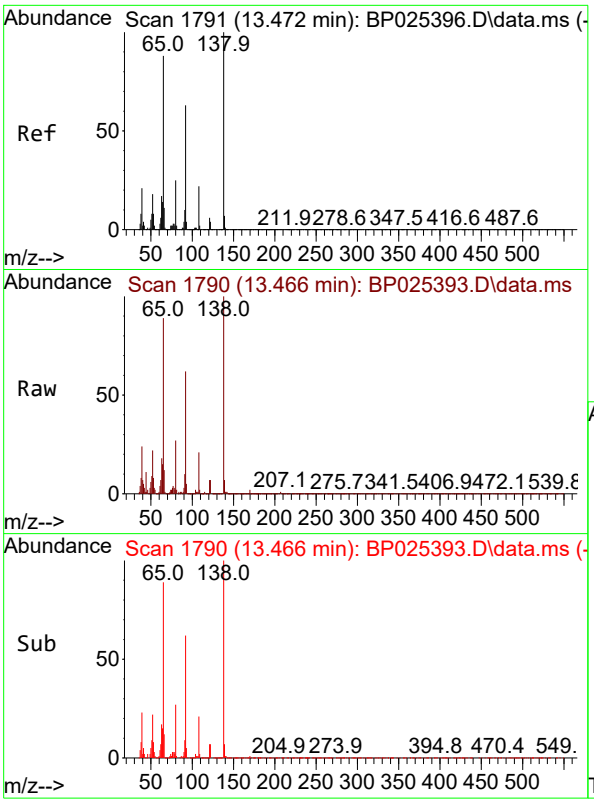


#47
2-Chloronaphthalene
Concen: 5.094 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:162 Resp: 113015

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	33.0	26.2	39.2

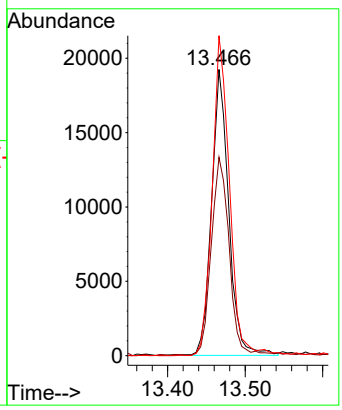




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 65 Resp: 2952

Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.6	86.4
138	111.8	91.0	136.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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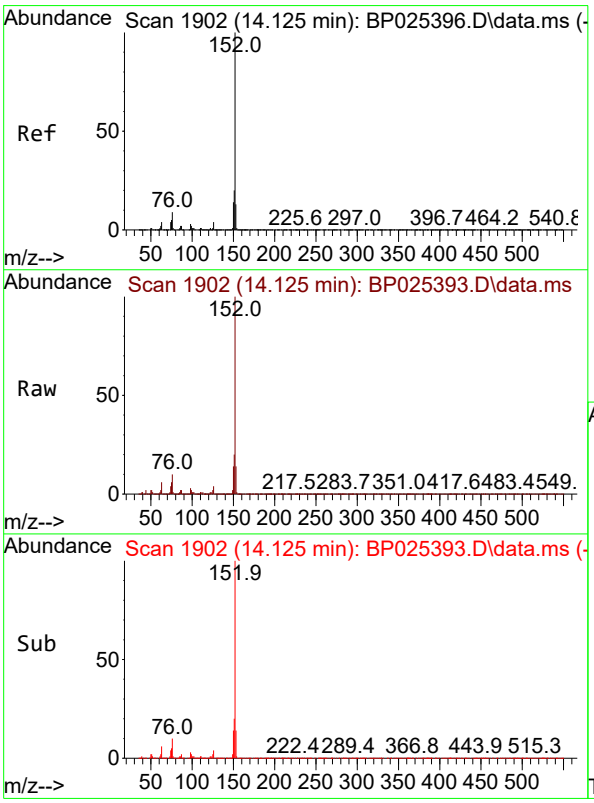
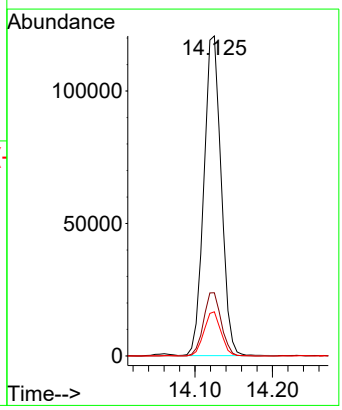
Supervised By :Jagrut Upadhyay 08/15/2025

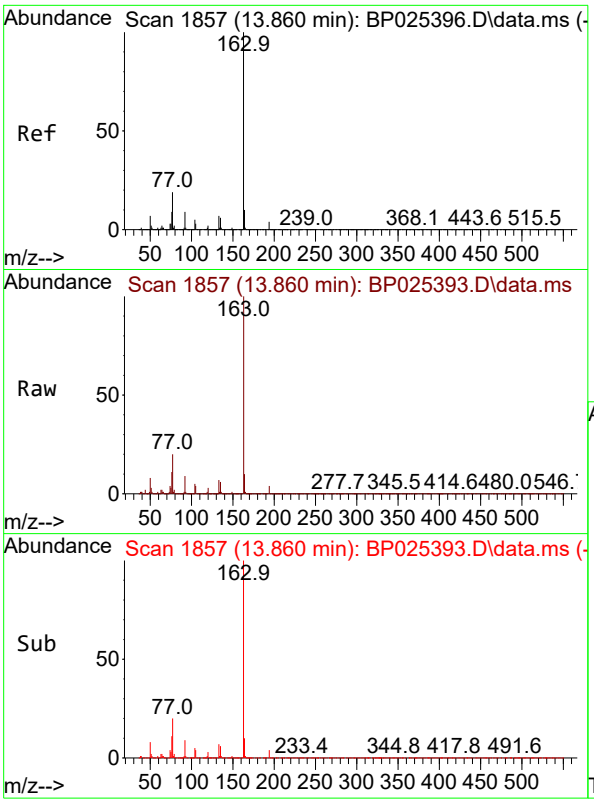


#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:152 Resp: 187026

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.8	10.6	15.8





#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:163 Resp: 15386

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.1	7.9	11.9

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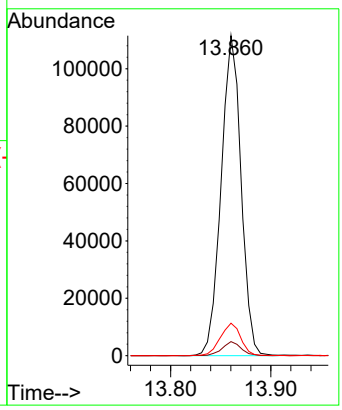
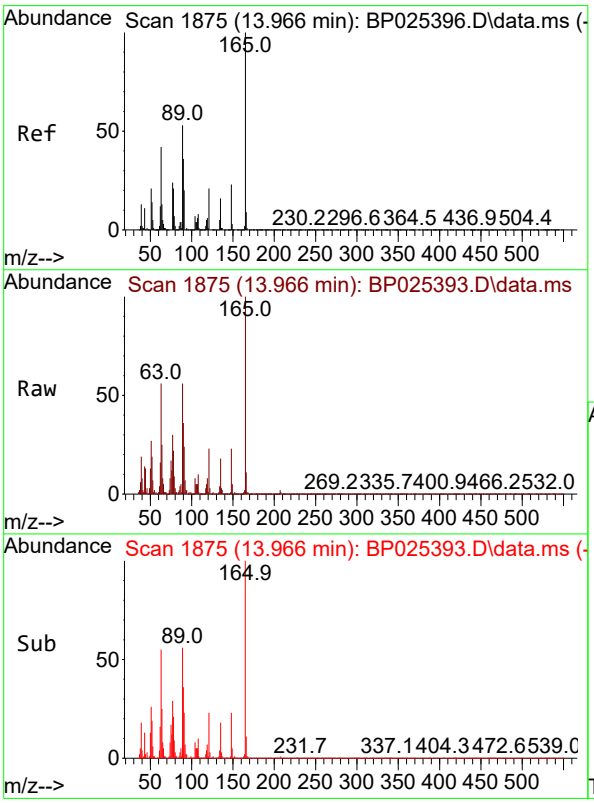
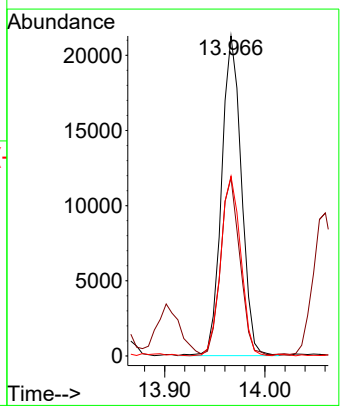


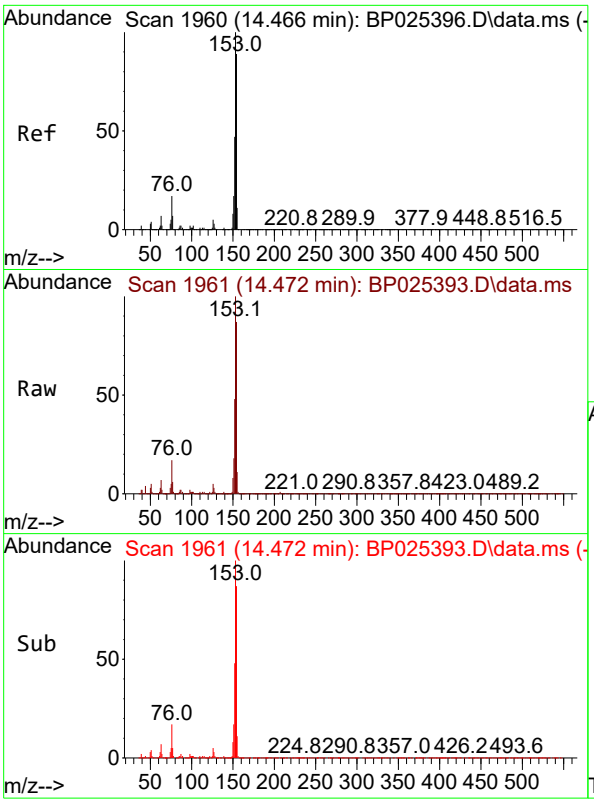


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 29088

Ion	Ratio	Lower	Upper
165	100		
63	55.7	40.9	61.3
89	56.2	42.1	63.1

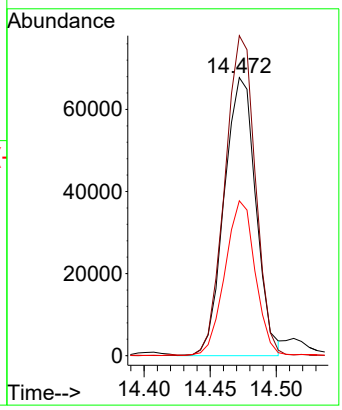




#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:154 Resp: 11273

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	55.7	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
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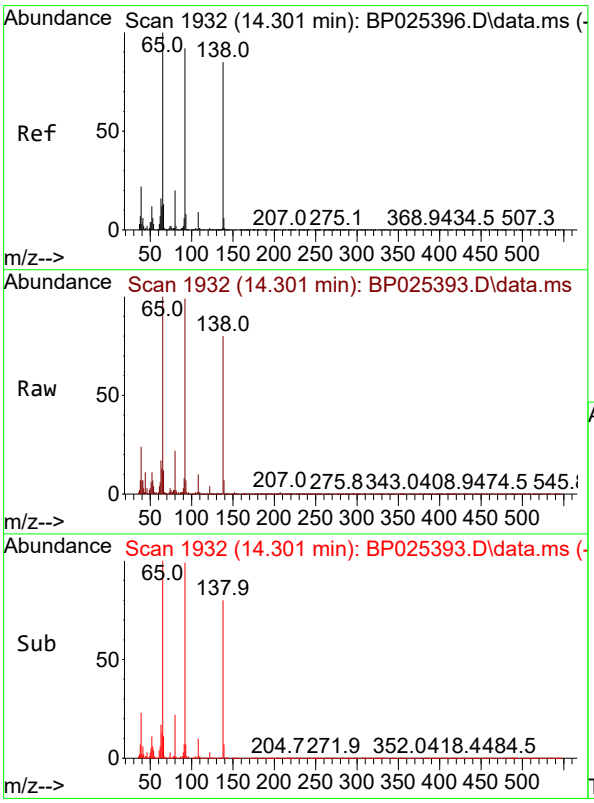
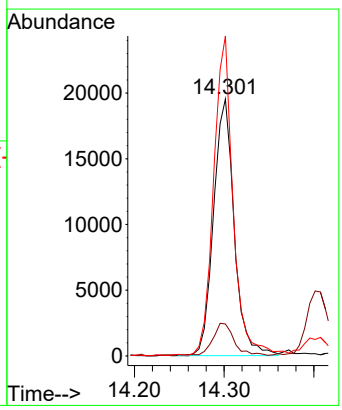
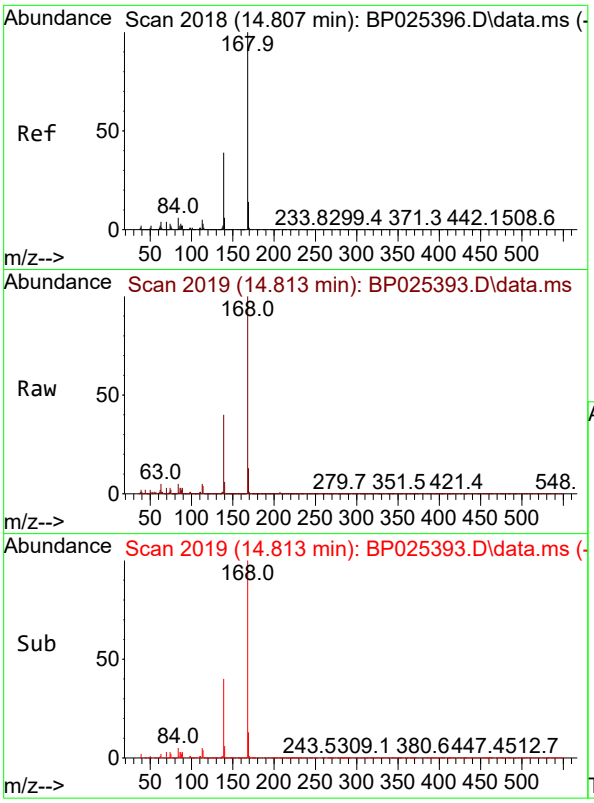


#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.3	12.5
92	124.5	86.2	129.2

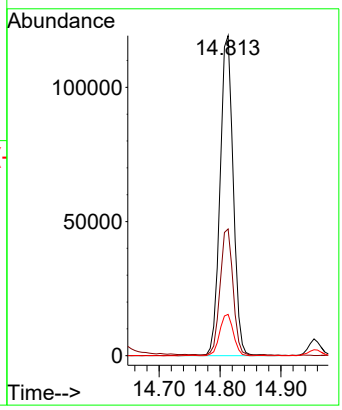




#55
Dibenzofuran
Concen: 5.240 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:168 Resp: 17849

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	12.9	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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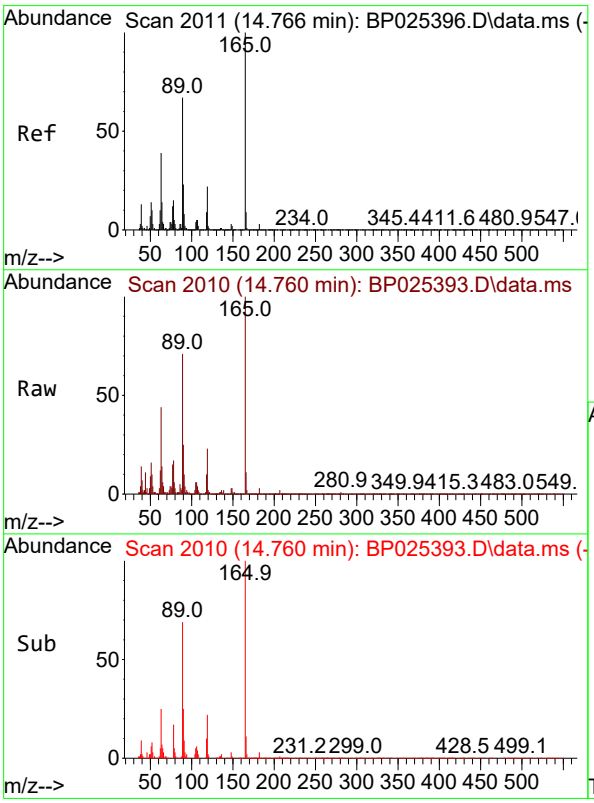
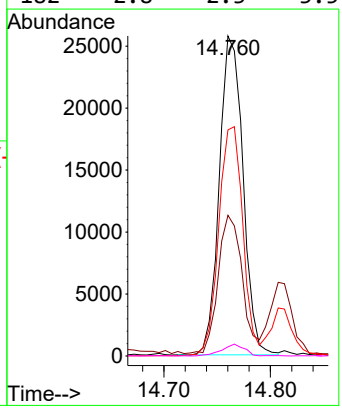
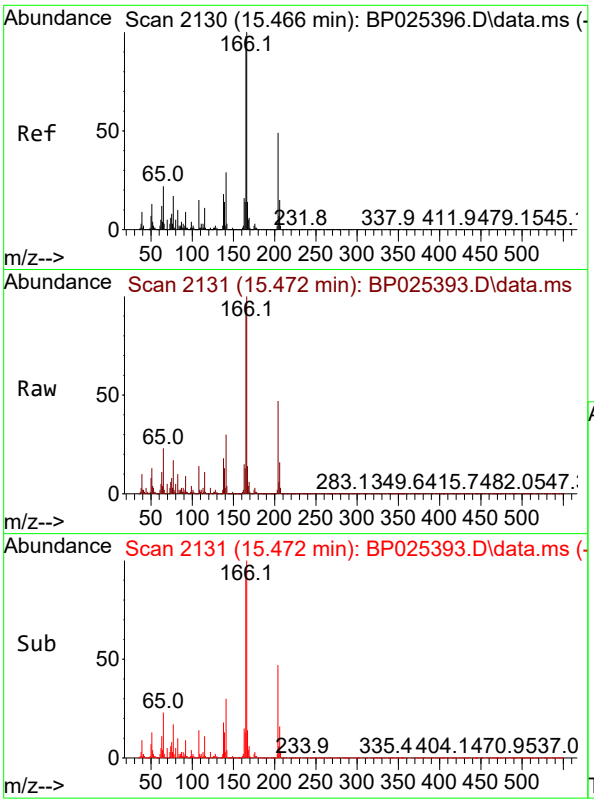


#57
2,4-Dinitrotoluene
Concen: 4.590 ng
RT: 14.760 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 39658

Ion	Ratio	Lower	Upper
165	100		
63	43.9	31.4	47.2
89	70.6	53.3	79.9
182	2.8	2.3	3.5





#58
Fluorene
Concen: 5.497 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 14776

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.8	118.2
167	13.8	11.0	16.4

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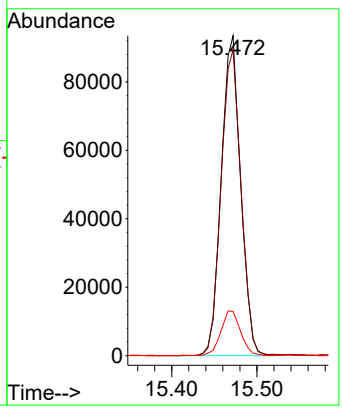
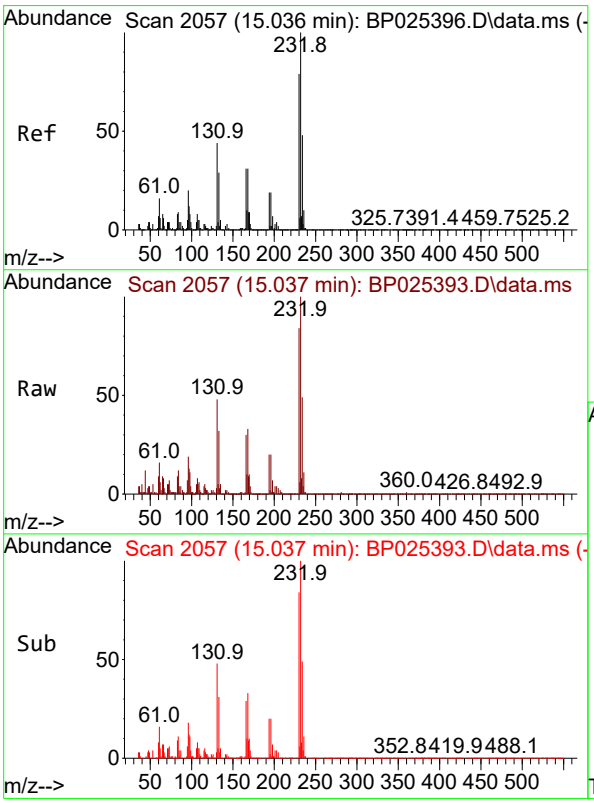
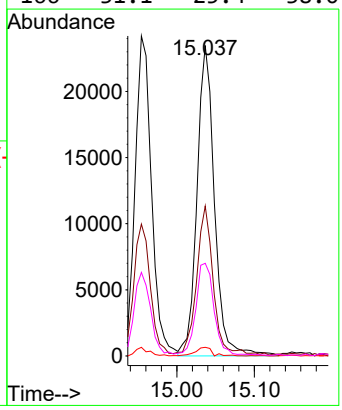


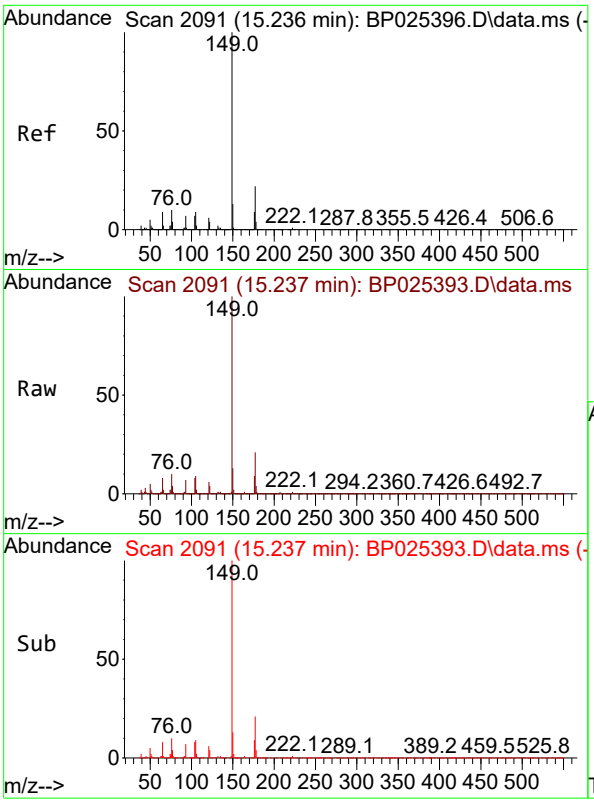


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:232 Resp: 36779

Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.6
130	2.7	1.9	2.9
166	31.1	25.4	38.0

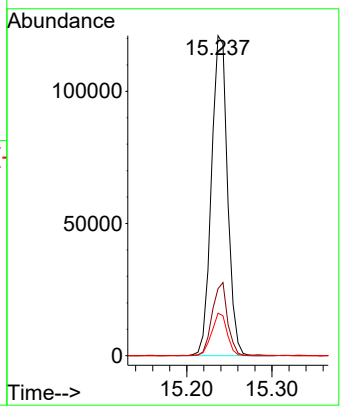




#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 15842

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	13.3	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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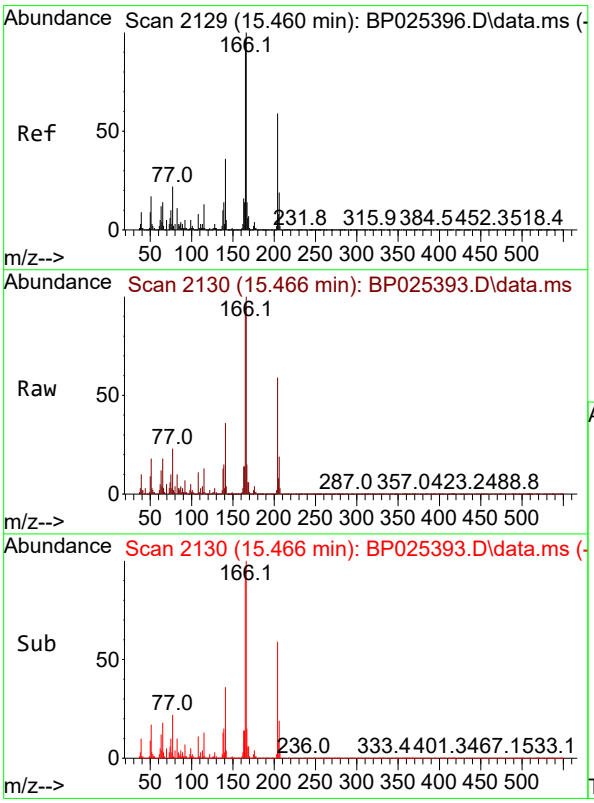
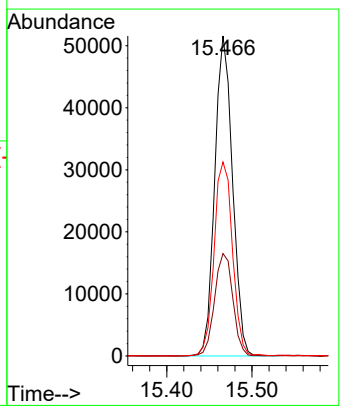
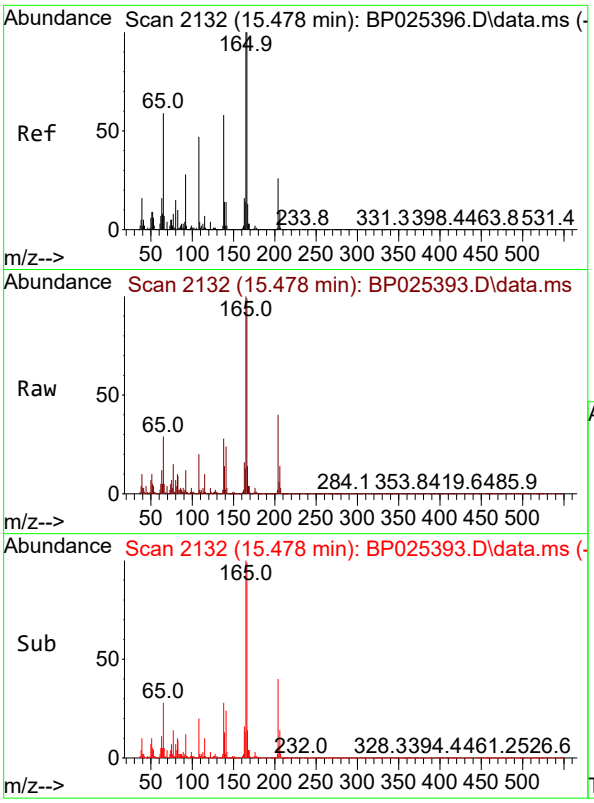


#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:204 Resp: 74636

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.8	38.8
141	60.6	49.4	74.2

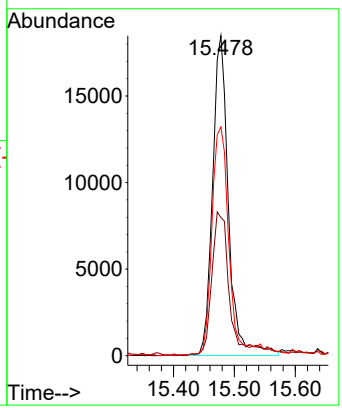




#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 3346

Ion	Ratio	Lower	Upper
138	100		
92	43.2	29.1	69.1
108	71.5	61.5	101.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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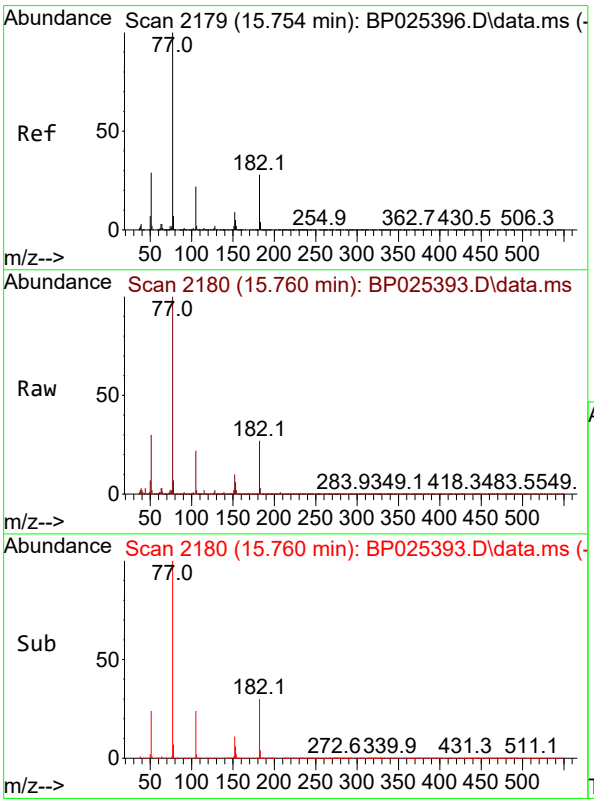
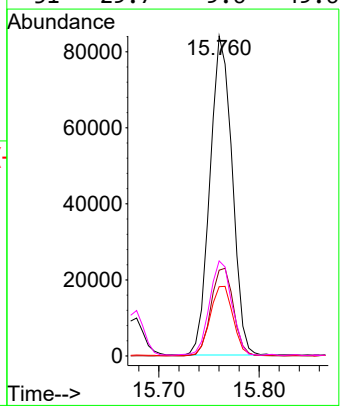
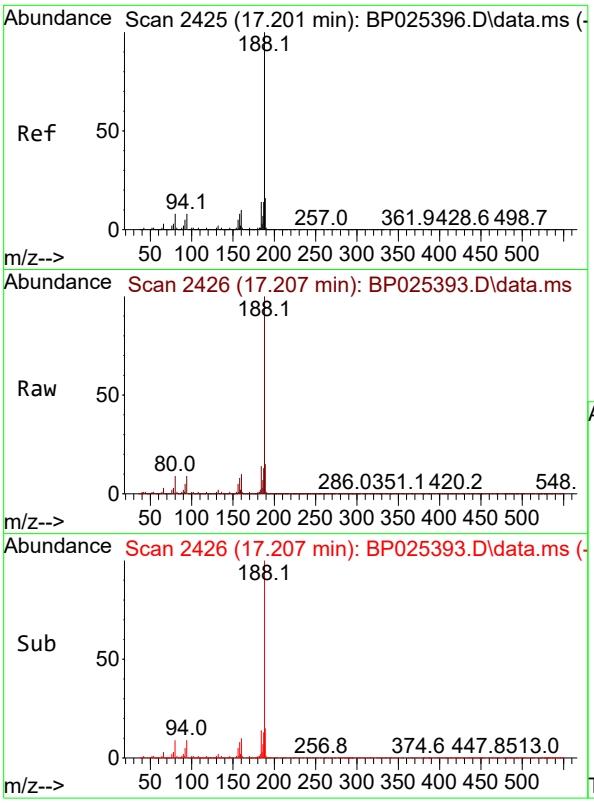


#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 77 Resp: 128978

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	21.6	2.1	42.1
51	29.7	9.6	49.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 81633

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.4	6.7	10.1

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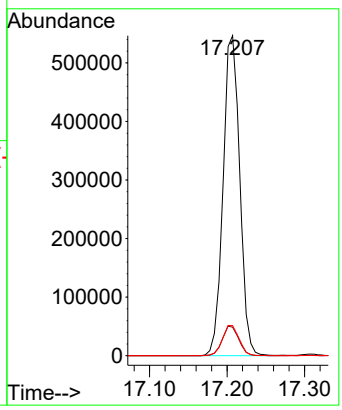
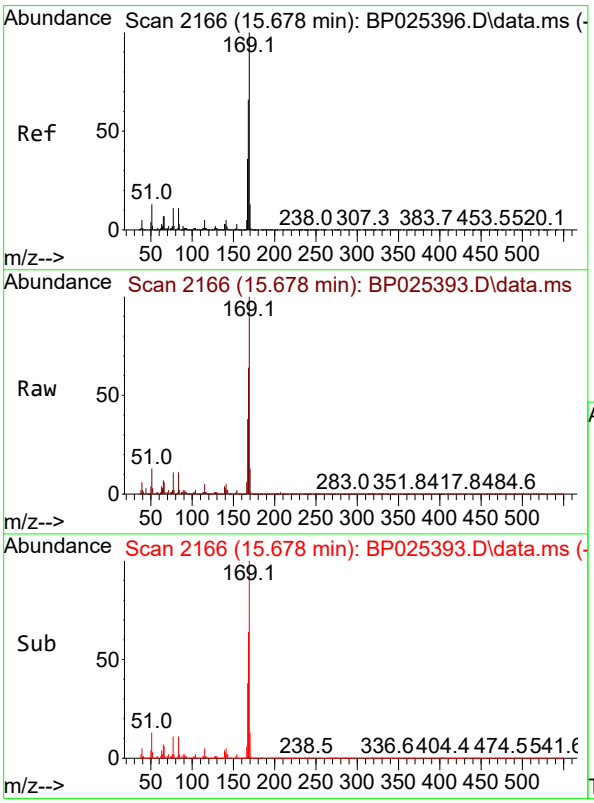
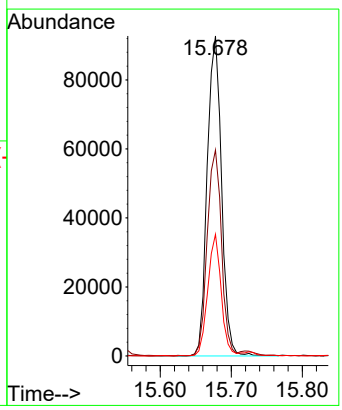


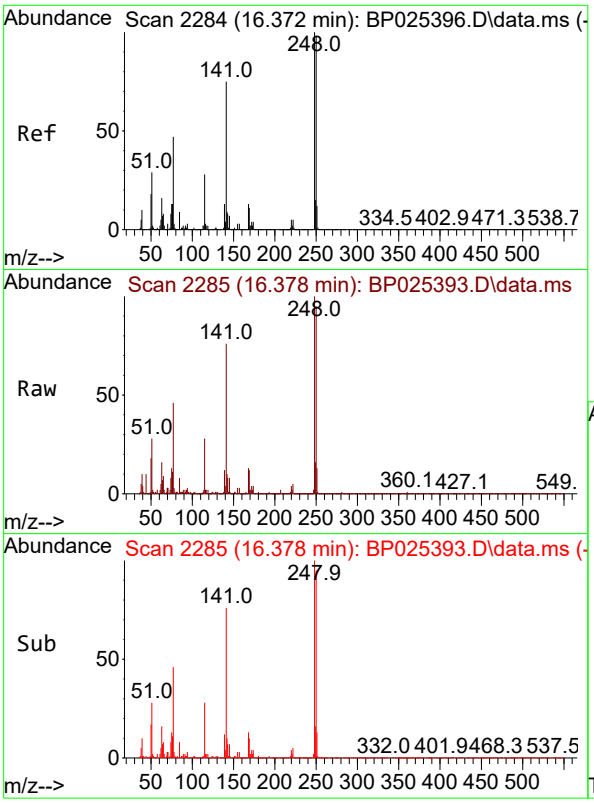


#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805

Ion	Ratio	Lower	Upper
169	100		
168	64.3	53.2	79.8
167	38.0	28.7	43.1

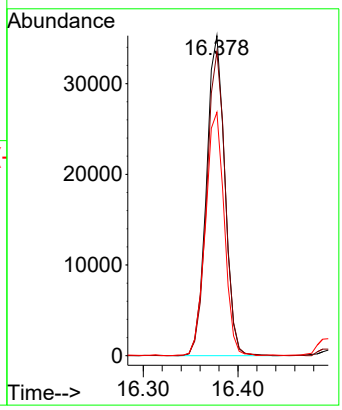




#67
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:248 Resp: 4757

Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.2	117.2
141	76.0	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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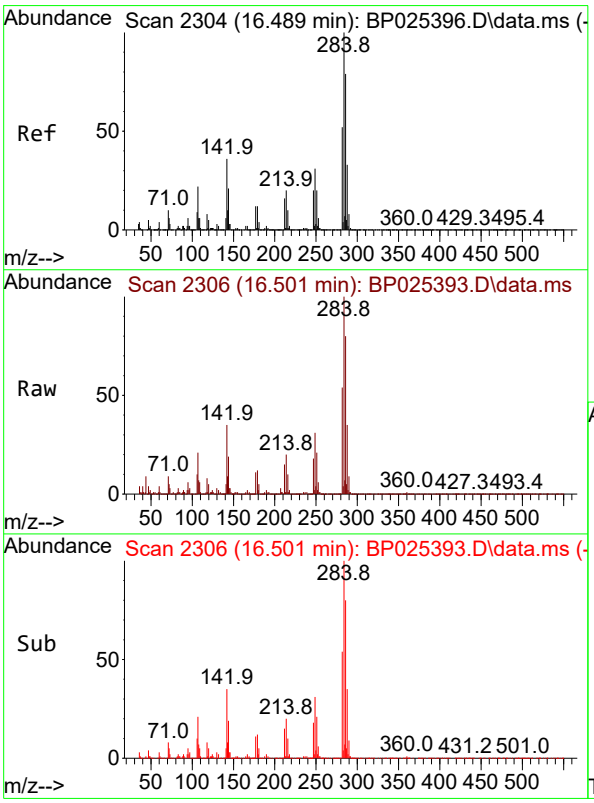
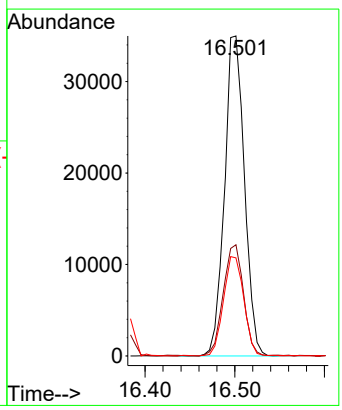
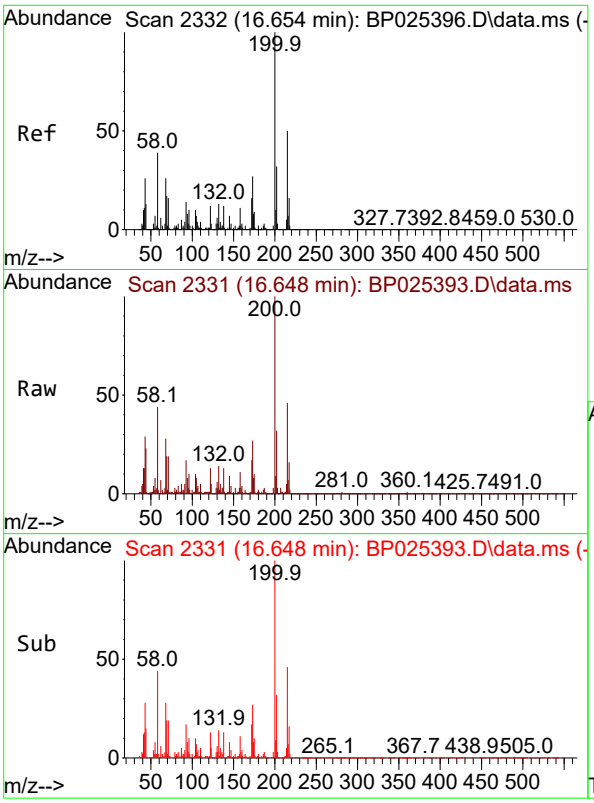


#68
Hexachlorobenzene
Concen: 5.183 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:284 Resp: 53940

Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.1	43.7
249	30.6	25.0	37.4

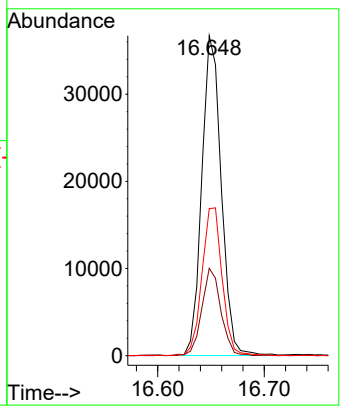




#69
Atrazine
Concen: 5.015 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:200 Resp: 4675

Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.9	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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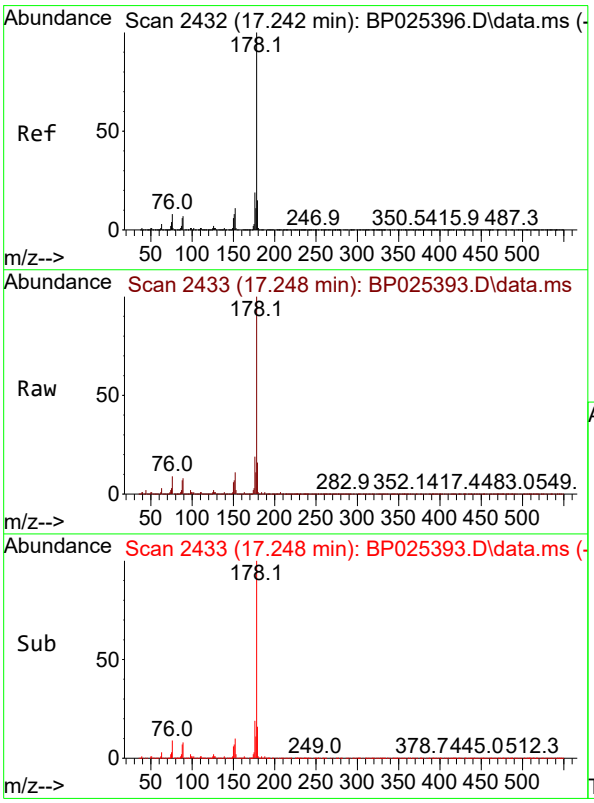
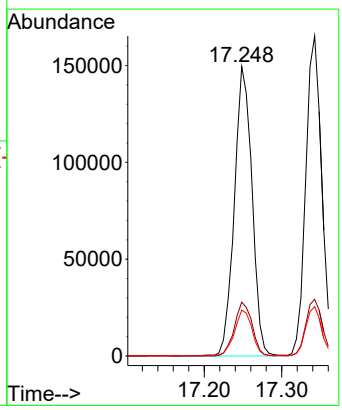
Supervised By :Jagrut Upadhyay 08/15/2025

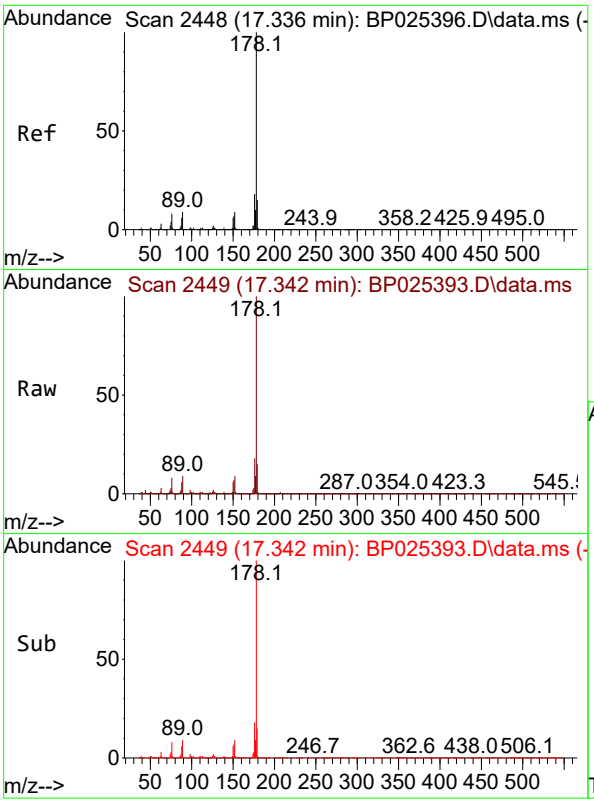


#71
Phenanthrene
Concen: 5.287 ng
RT: 17.248 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:178 Resp: 237107

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.8	12.2	18.4

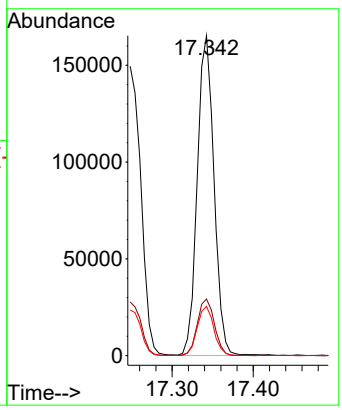




#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:178 Resp: 23693

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.4	12.2	18.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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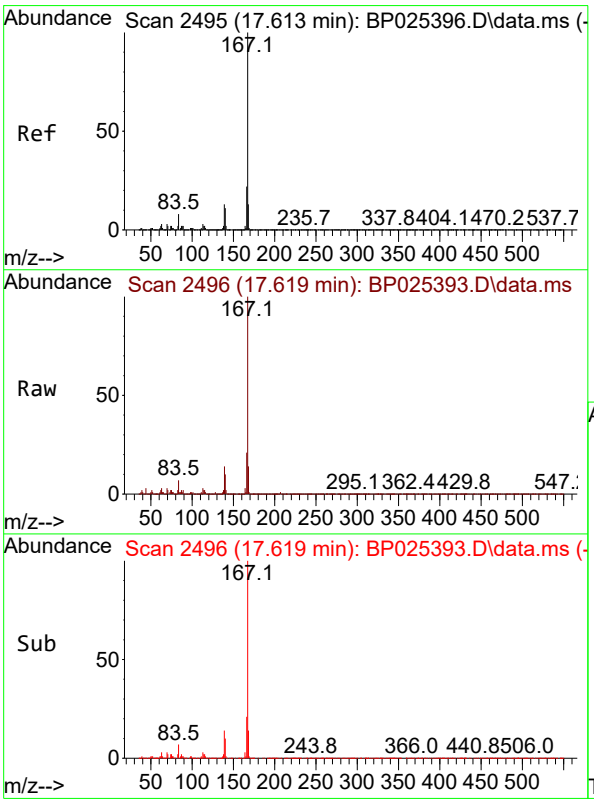
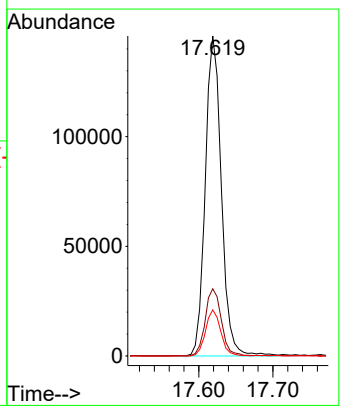
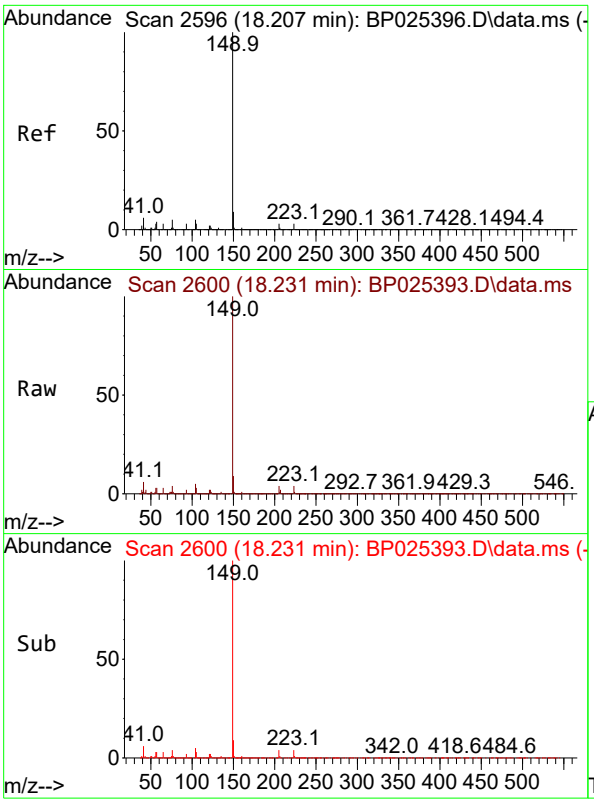


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:167 Resp: 220112

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	14.4	10.6	16.0

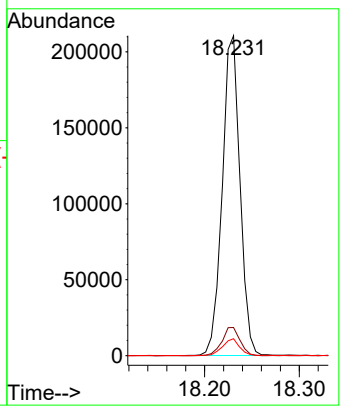




#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 27446

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.3	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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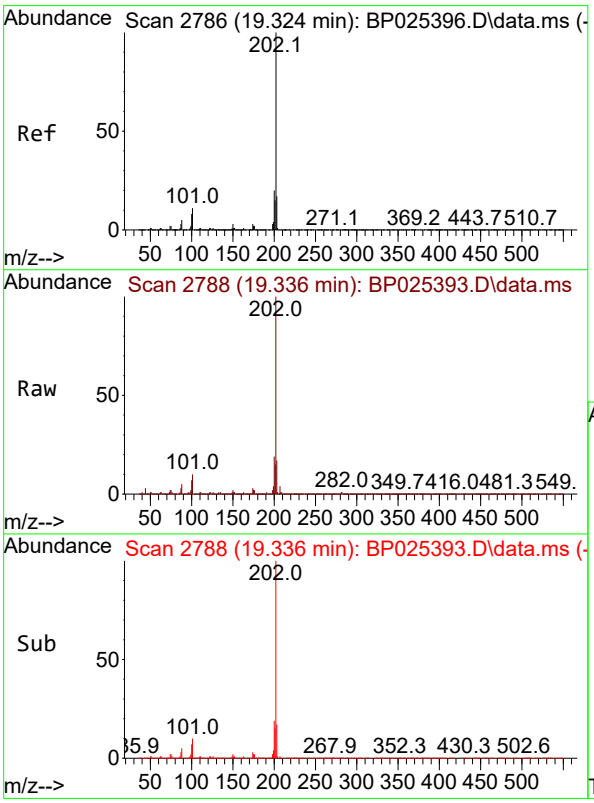
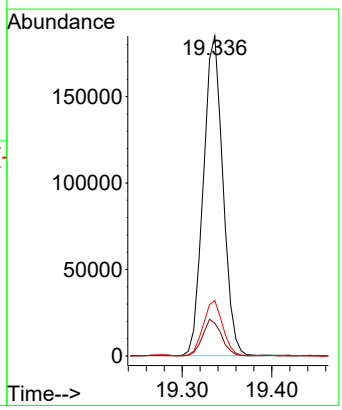
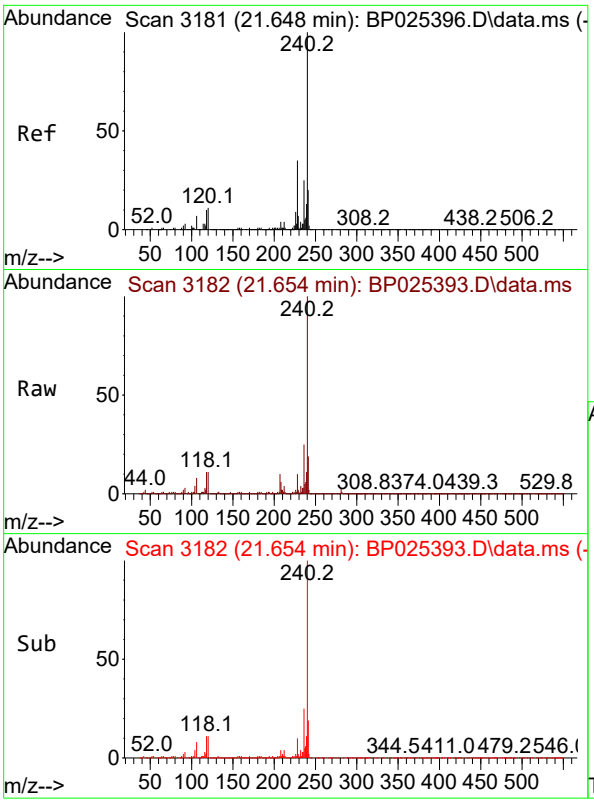


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 279497

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.3	0.0	37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 85816

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.2	19.8	29.8

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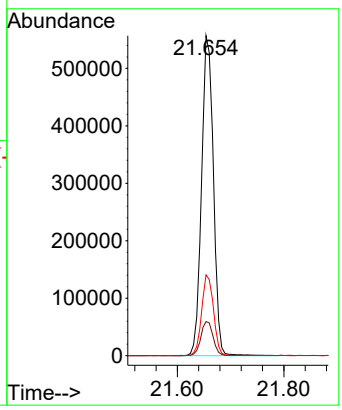
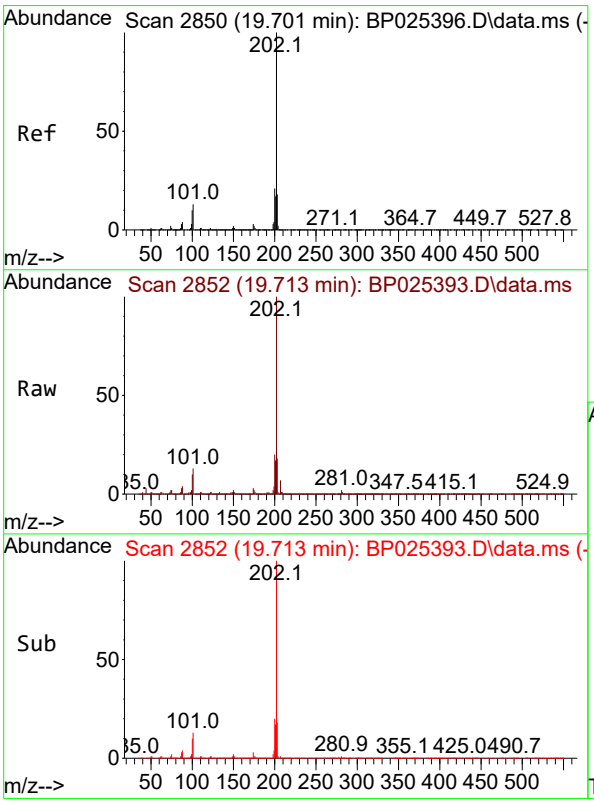
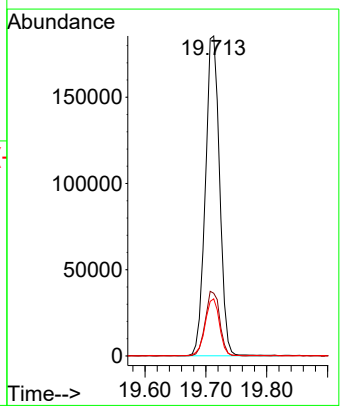


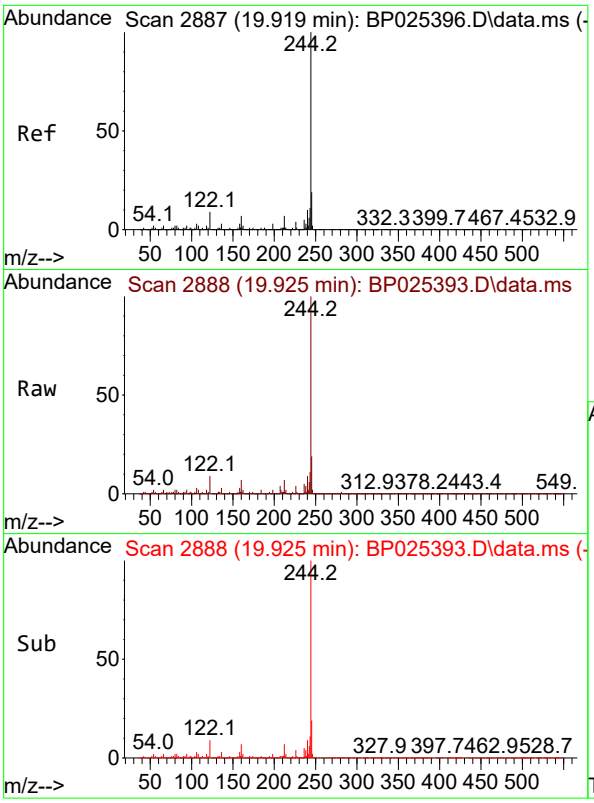


#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	17.8	14.2	21.2

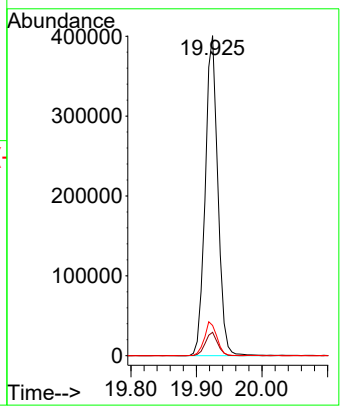




#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:244 Resp: 53604

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.5	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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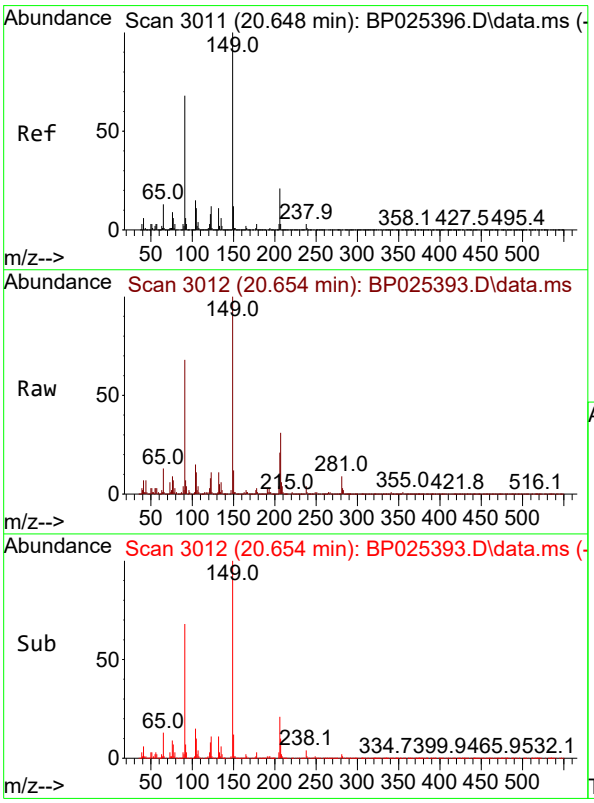
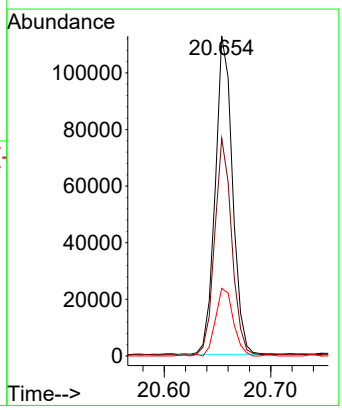
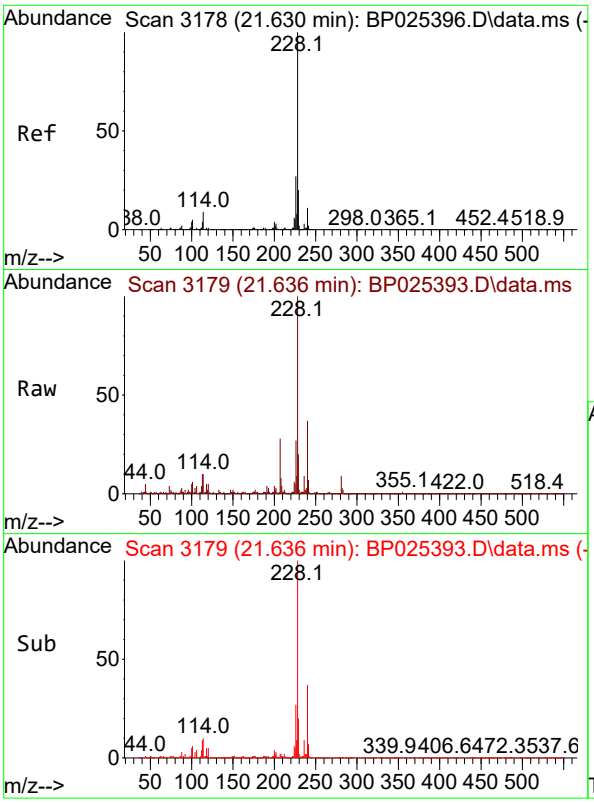


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:149 Resp: 126321

Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.2	81.2
206	21.1	16.6	24.8

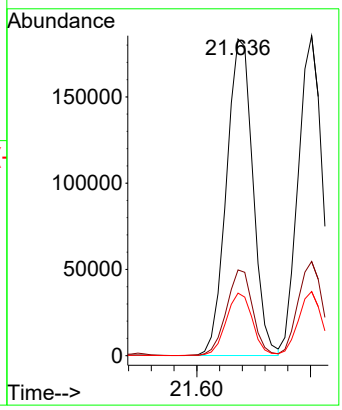




#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 29684

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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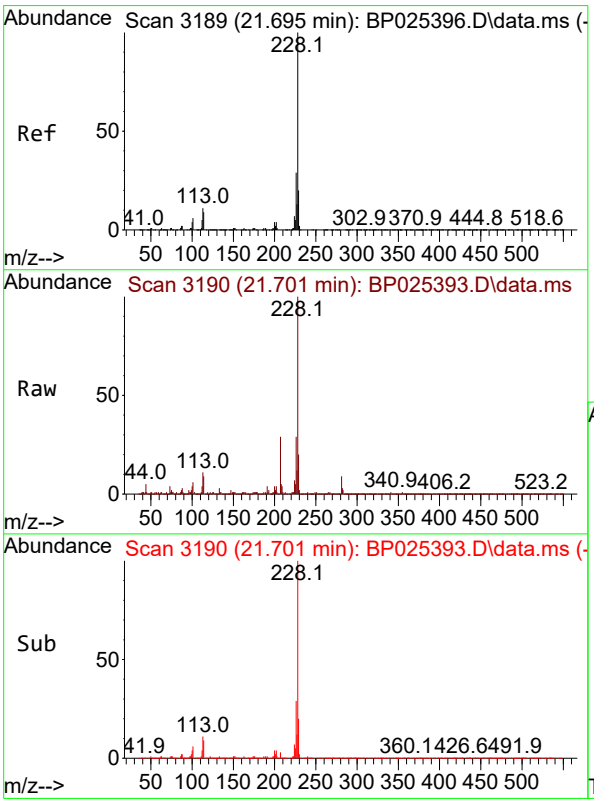
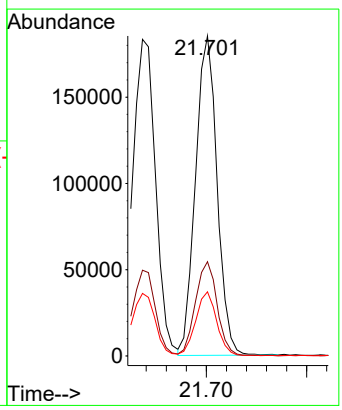
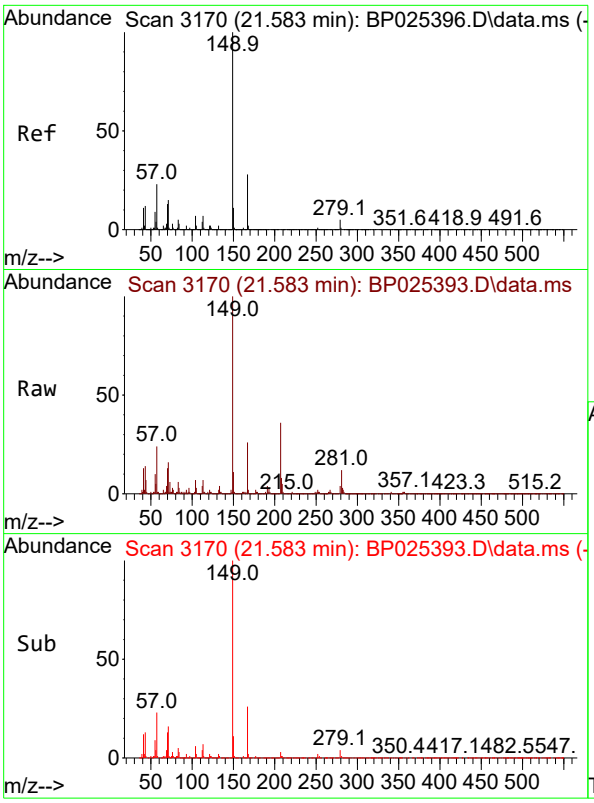


#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:228 Resp: 277175

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	20.0	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 19454

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	3.8	3.8	5.6

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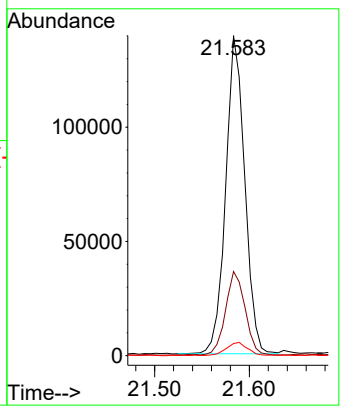
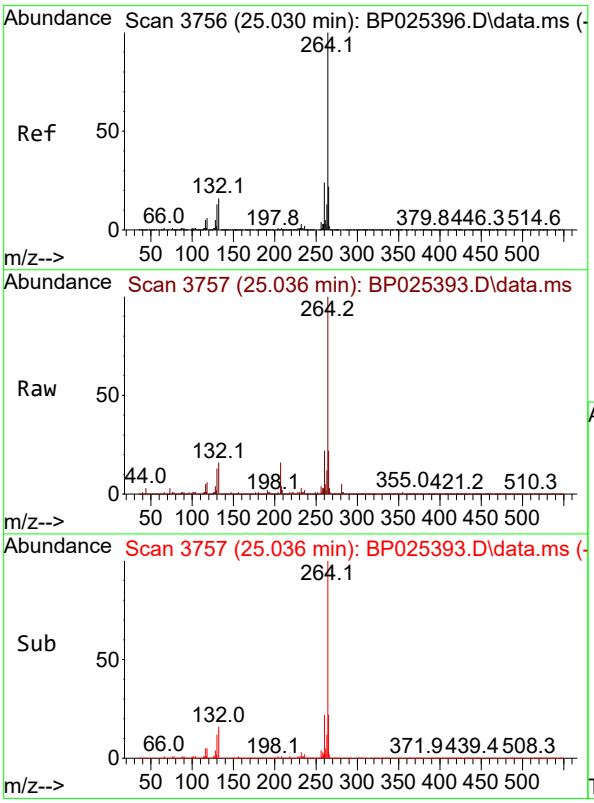
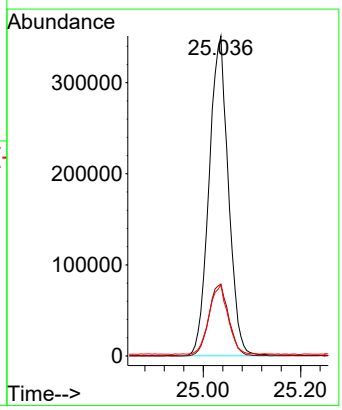


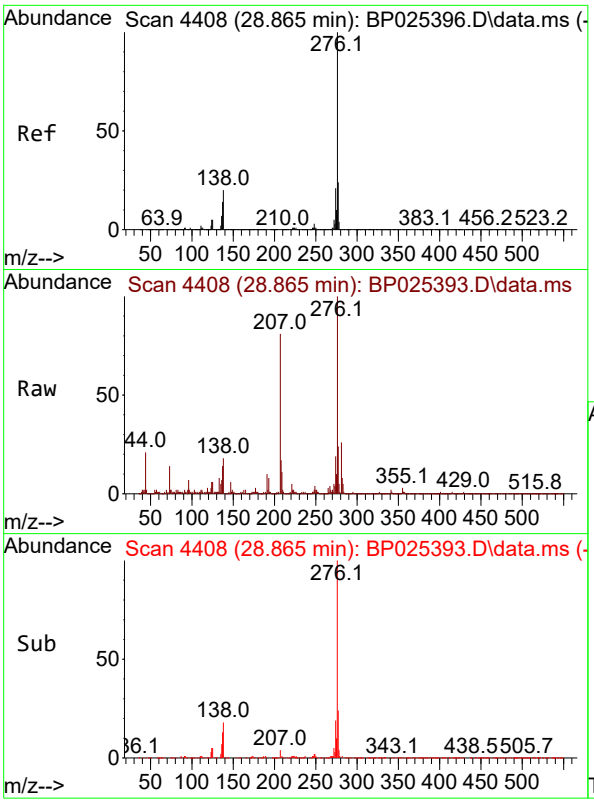


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:264 Resp: 963881

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	22.3	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 35041

Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	20.8	17.0	25.6

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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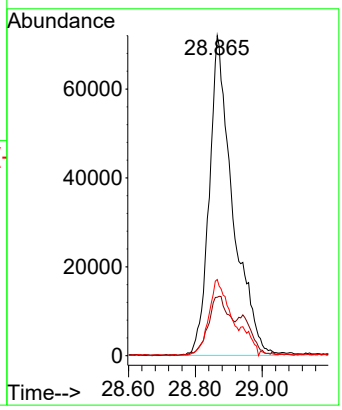
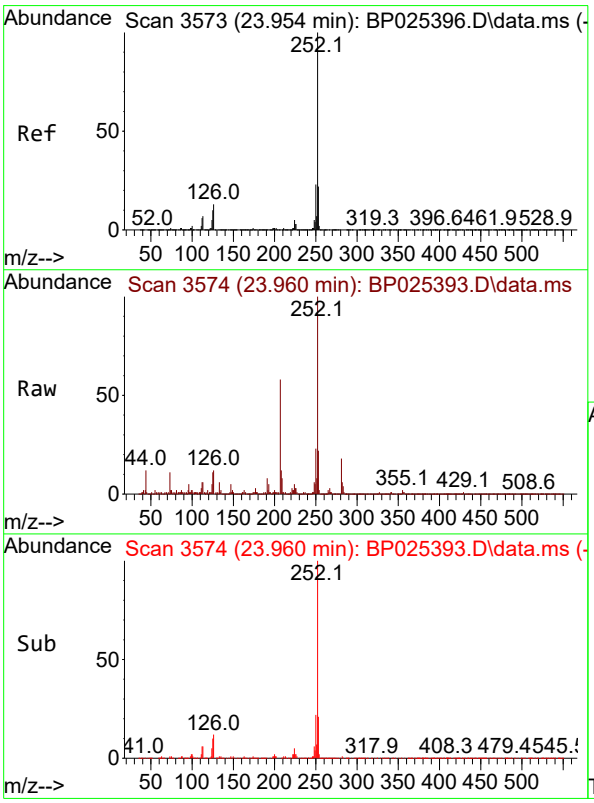
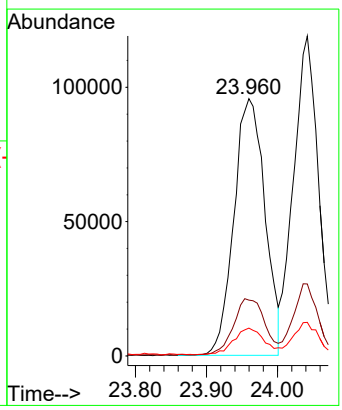


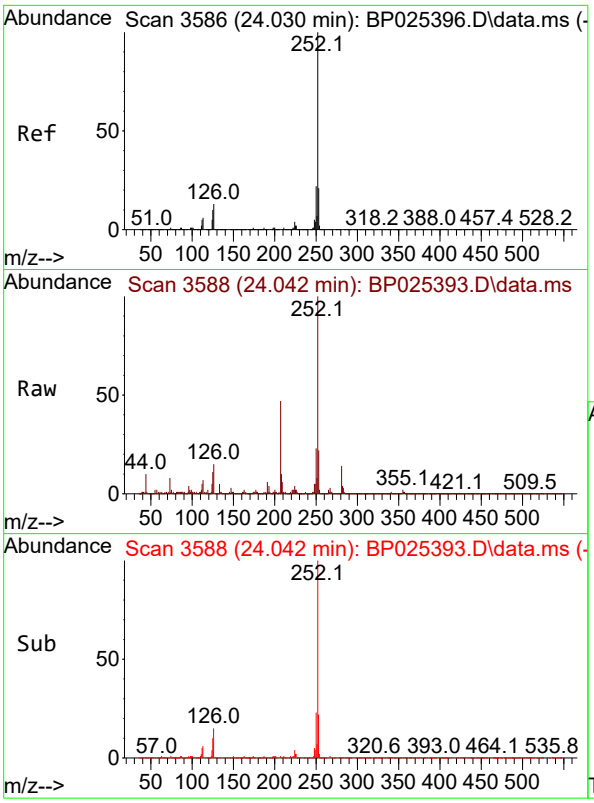


#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 289797

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	7.9	11.9

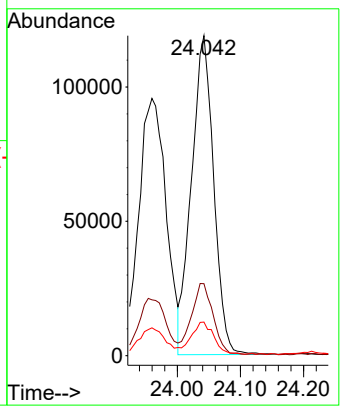




#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 28955

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
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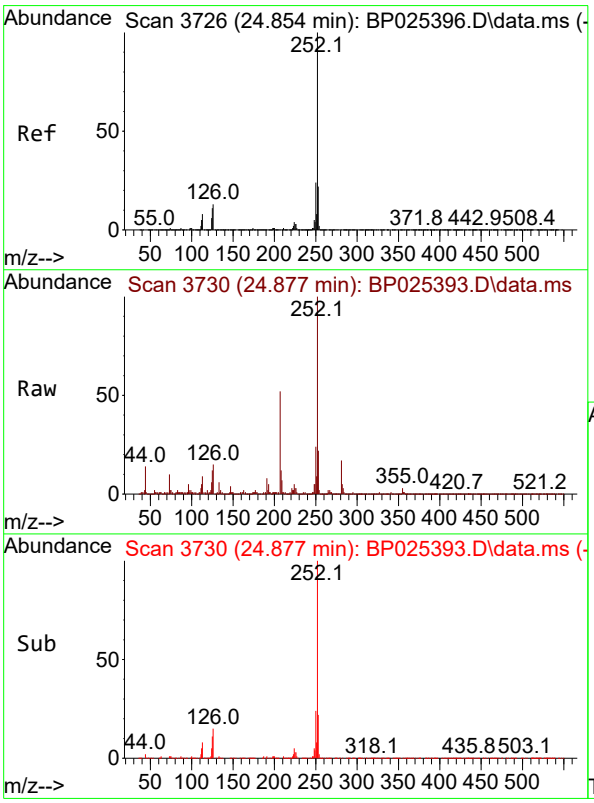
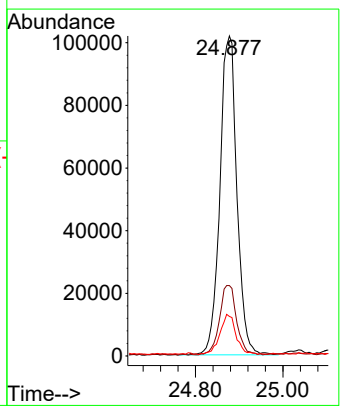
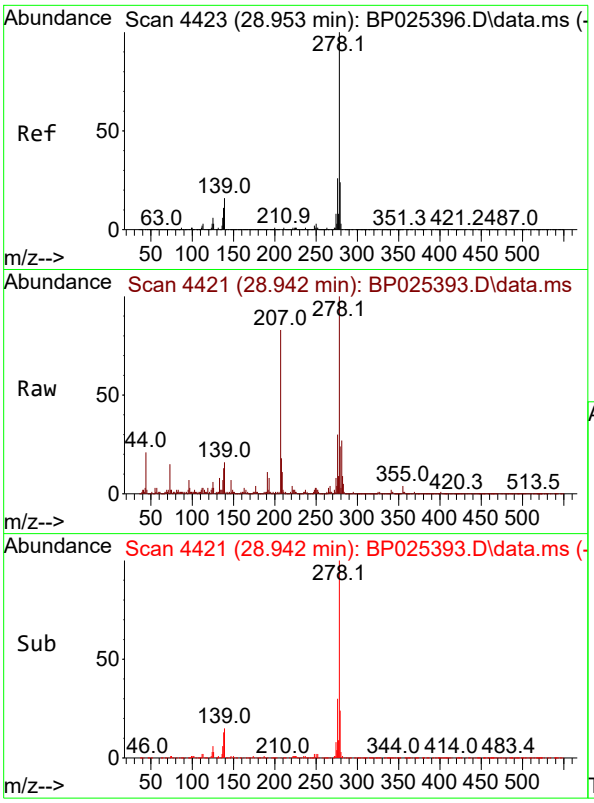


#90
Benzo(a)pyrene
Concen: 4.960 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:252 Resp: 274440

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.4	8.7	13.1

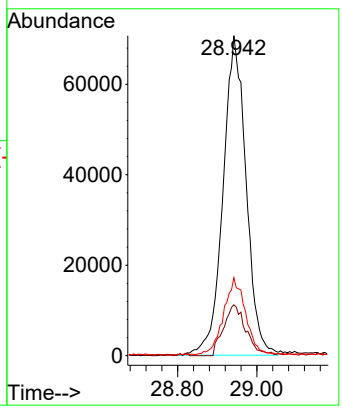




#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 44
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:278 Resp: 28444

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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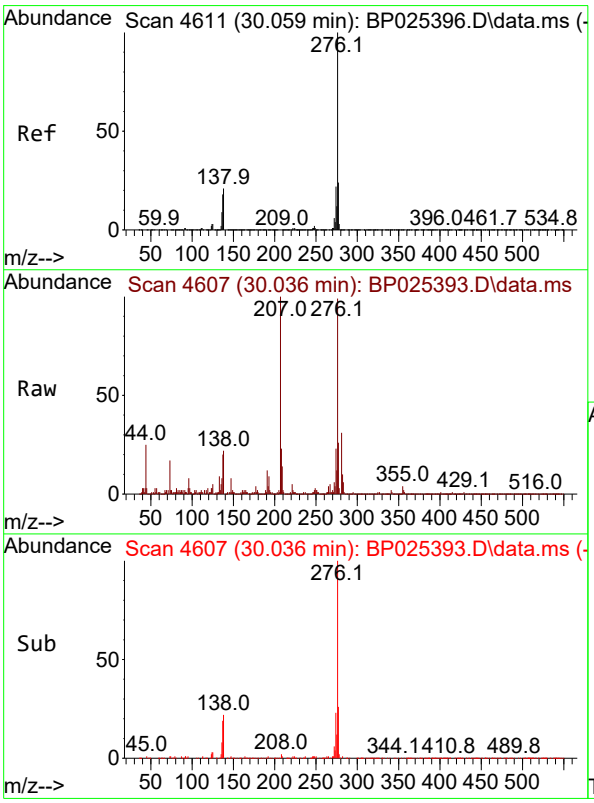
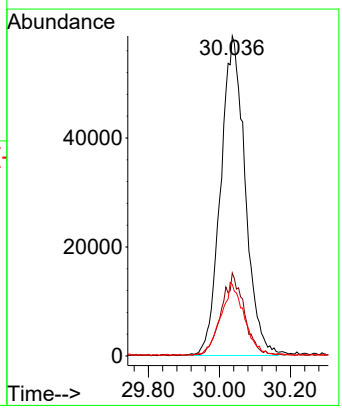
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:276 Resp: 279987

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	22.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng		0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng		0.00
86) Perylene-d12	25.036	264	980670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	162289	19.551	ng		0.00
7) Phenol-d6	6.966	99	202204	19.000	ng		0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng		0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng		98
3) Pyridine	3.731	79	86156	9.681	ng		100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	#	99
6) Aniline	7.125	93	135217	9.430	ng		99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng		98
9) Benzaldehyde	6.943	77	68064m	9.129	ng		
10) Phenol	6.996	94	105394	9.438	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng		98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng		98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng		98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng		98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng		99
17) 2-Methylphenol	8.231	107	70991	9.153	ng		98
18) Hexachloroethane	8.866	117	37473	9.654	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng		99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng		97
22) Acetophenone	8.602	105	137361	9.712	ng	#	98
24) Nitrobenzene	8.972	77	96502	9.685	ng		97
25) Isophorone	9.502	82	189510	9.604	ng		99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng		96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng		99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng		94
31) Naphthalene	10.613	128	287754	9.816	ng		99
32) Benzoic acid	9.825	122	53034m	8.188	ng		
33) 4-Chloroaniline	10.713	127	122647	9.472	ng		98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng		97
35) Caprolactam	11.472	113	32038	10.001	ng		93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng		97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng		100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng		99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng		97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

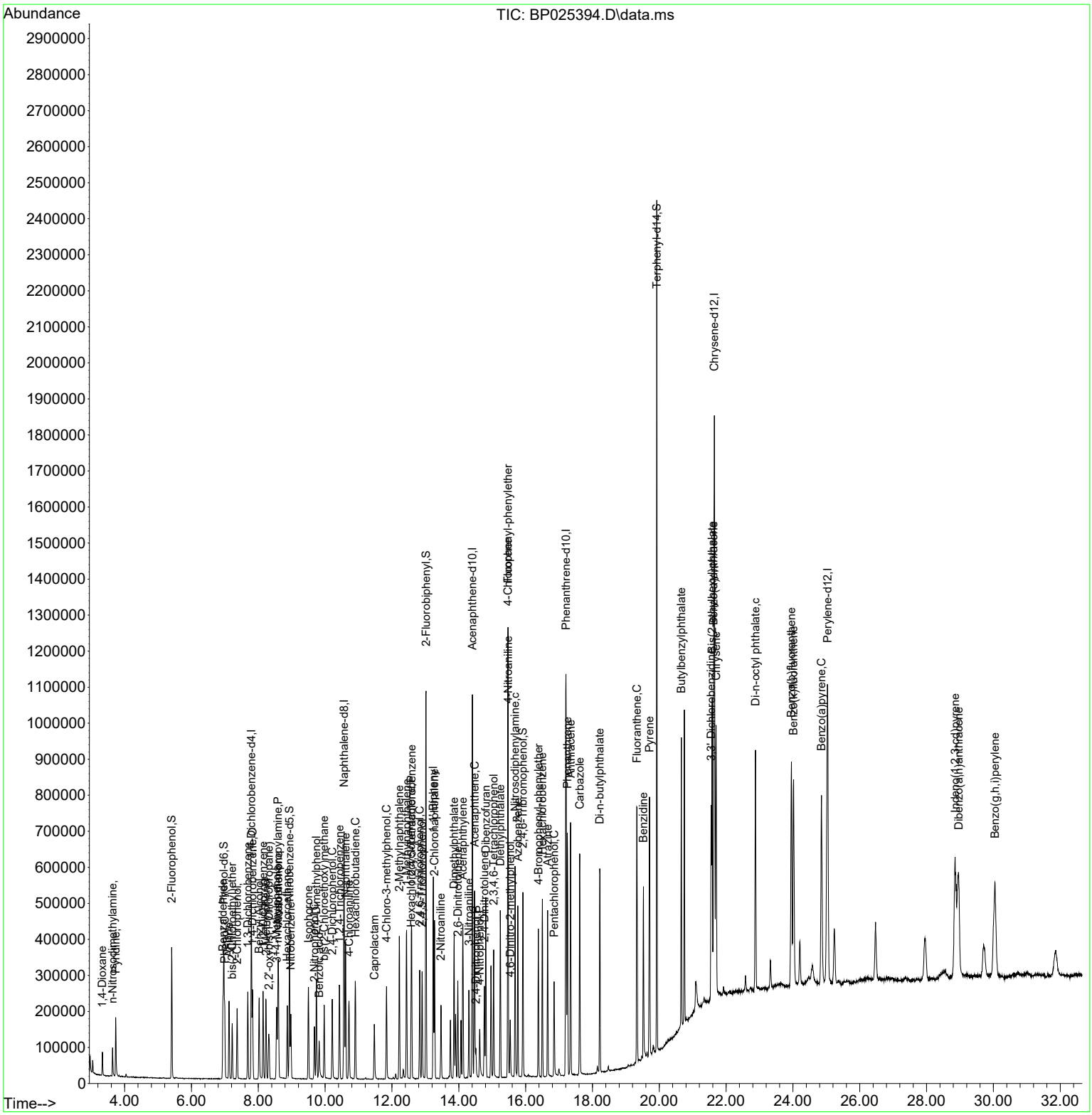
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

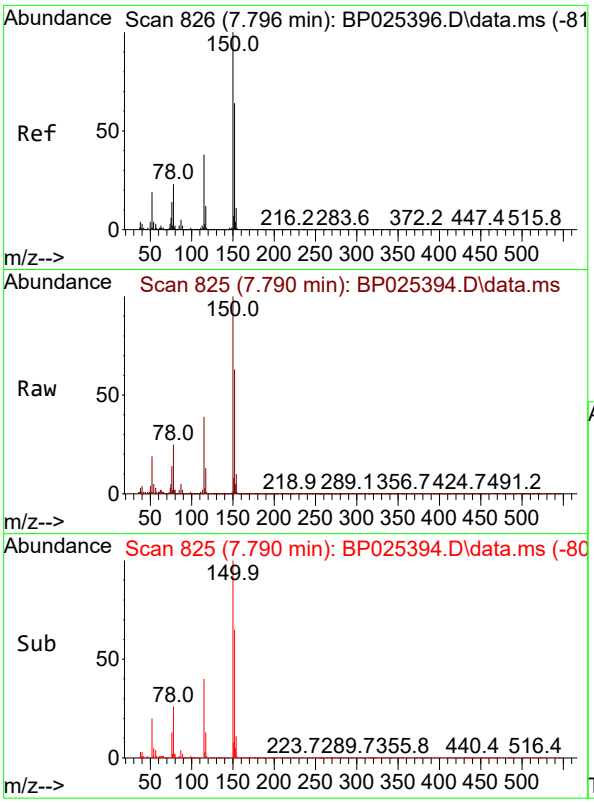
Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

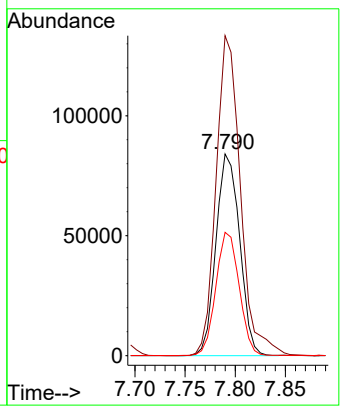




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 13785

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	61.1	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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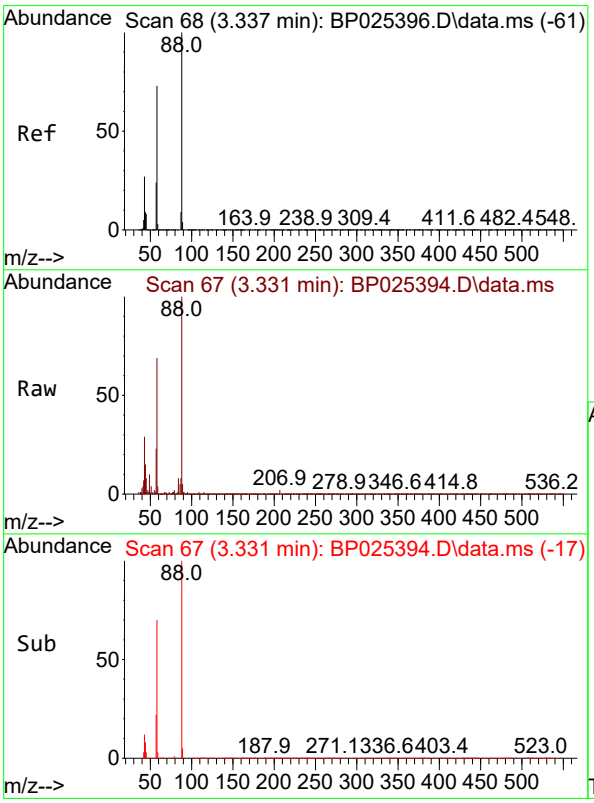
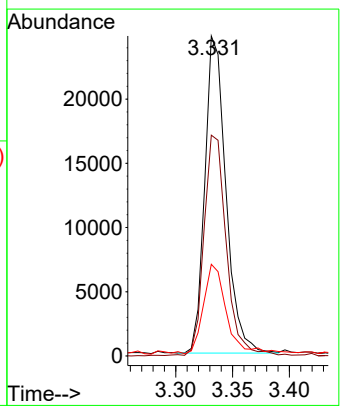
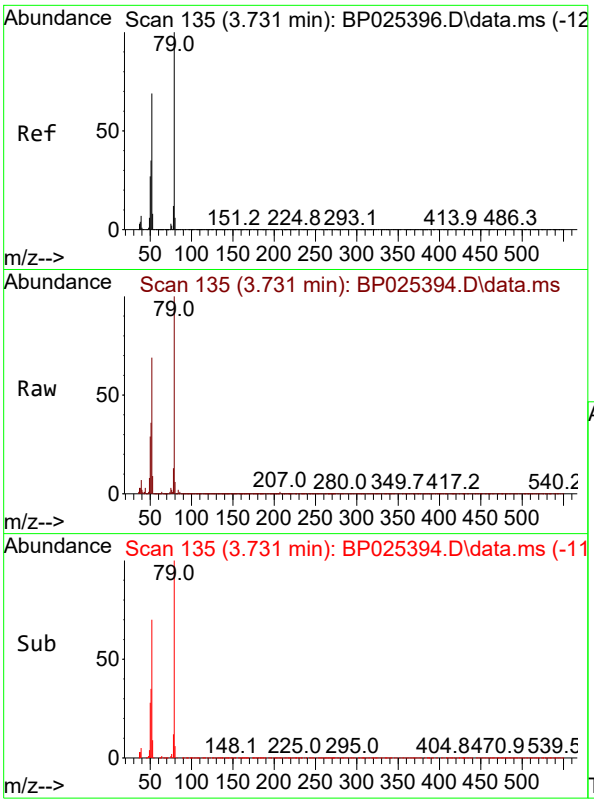


#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 88 Resp: 31948

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	30.8	21.7	32.5

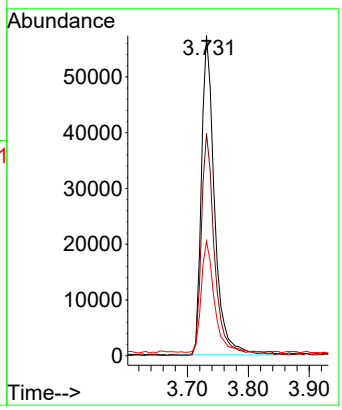




#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 79 Resp: 8615

Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.8	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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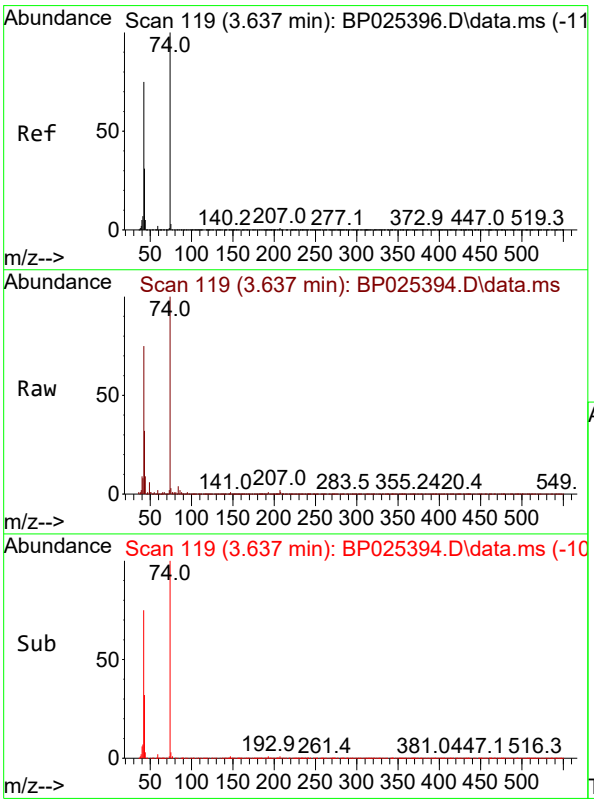
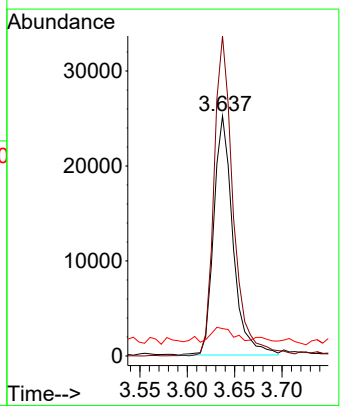
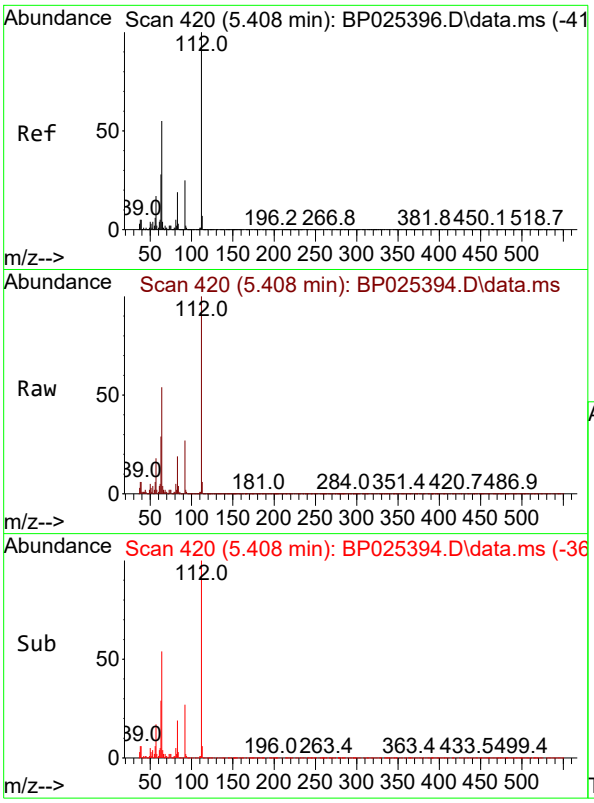


#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519

Ion	Ratio	Lower	Upper
42	100		
74	133.3	107.0	160.4
44	11.4	6.2	9.4#

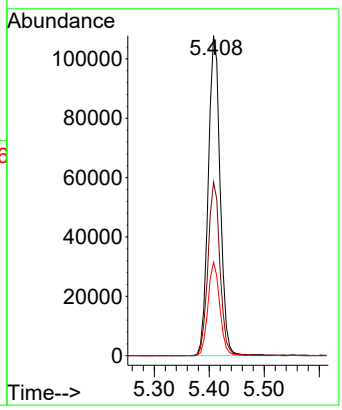




#5
2-Fluorophenol
Concen: 19.551 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:112 Resp: 16228

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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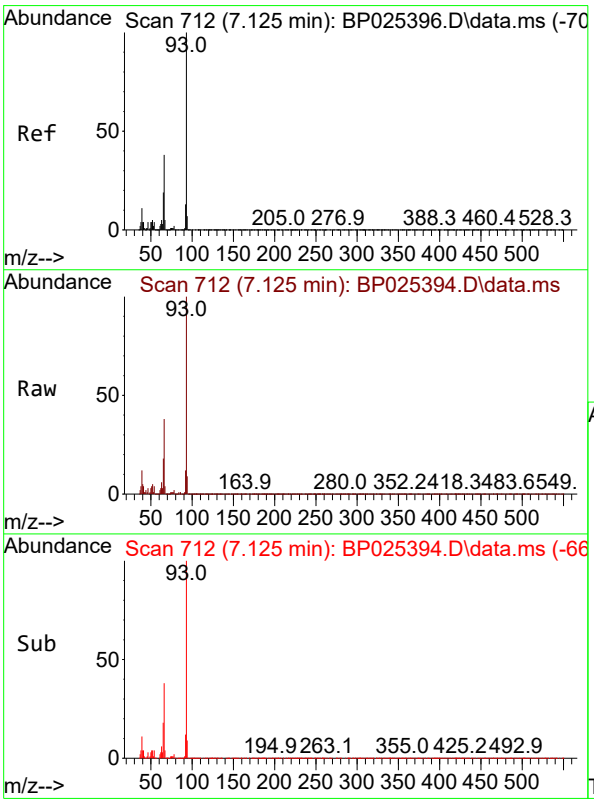
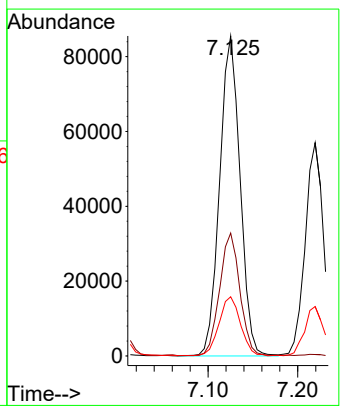
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

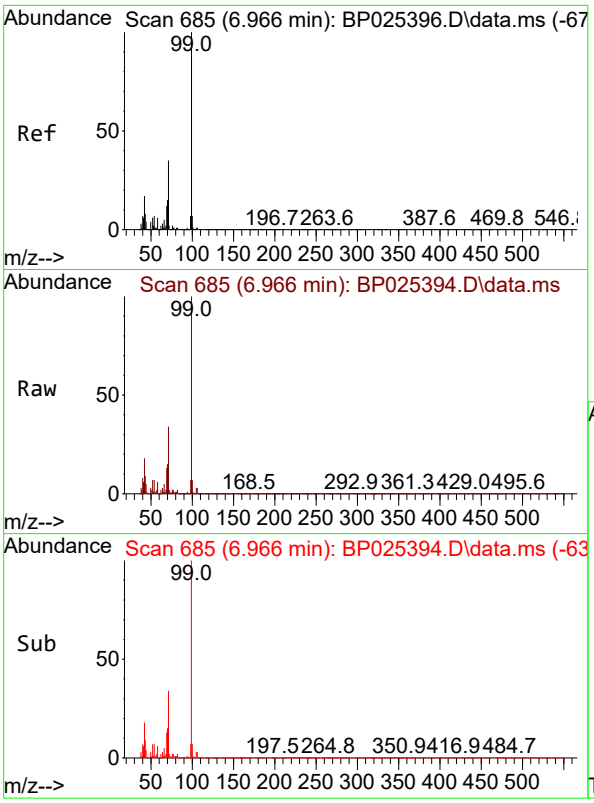


#6
Aniline
Concen: 9.430 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 135217

Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.4	45.6
65	18.5	15.3	22.9

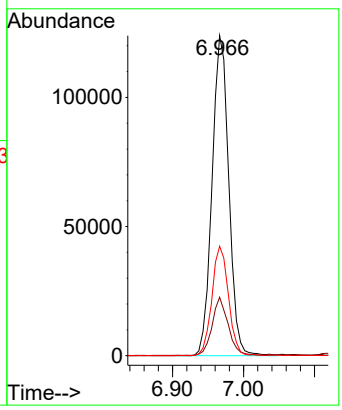




#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 99 Resp: 20220

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	34.2	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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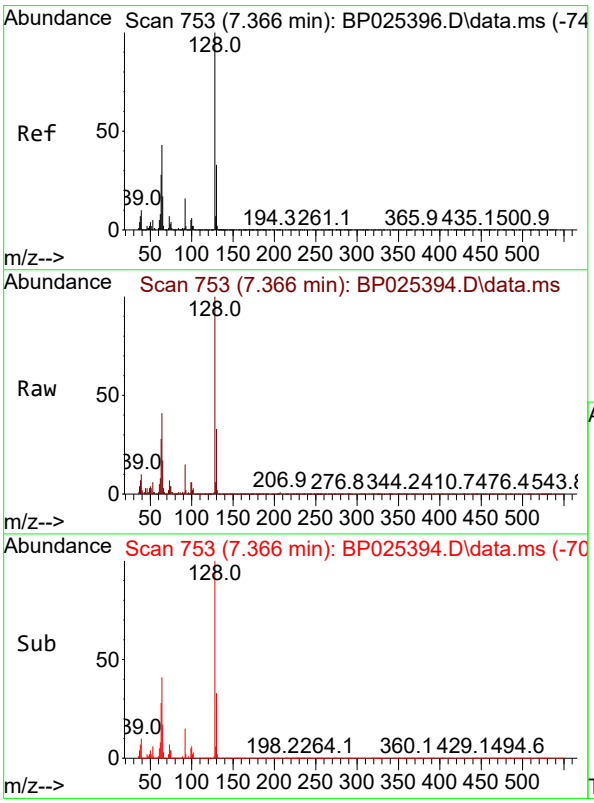
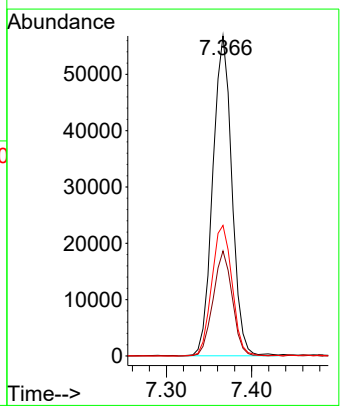
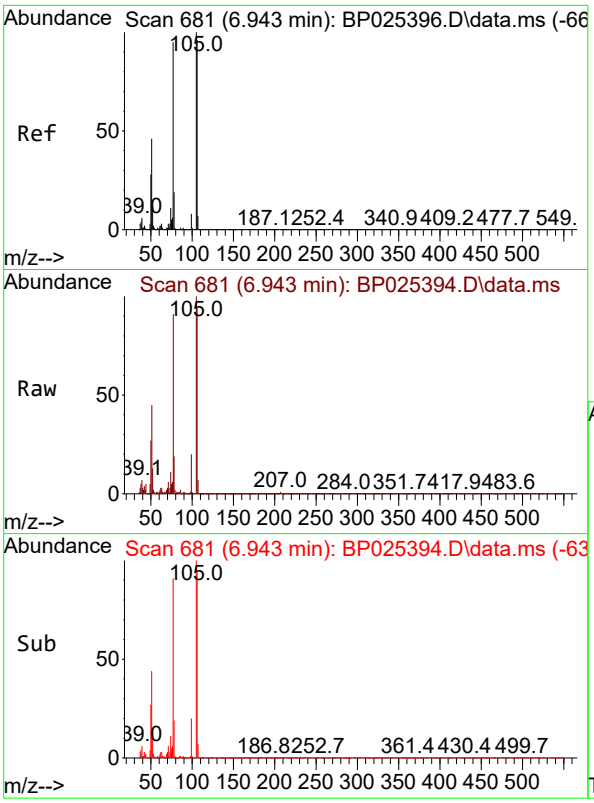


#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 88413

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	40.8	23.4	63.4

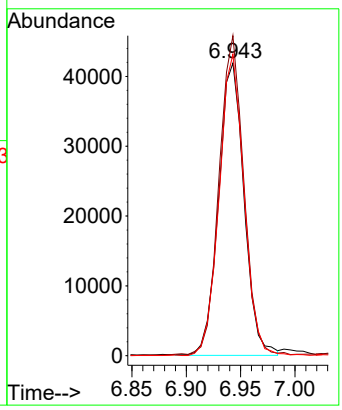




#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 6806

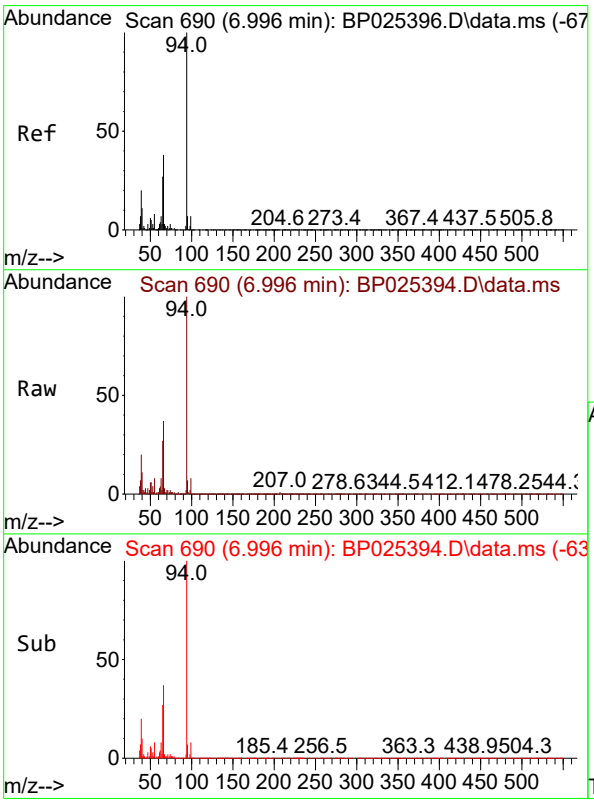
Ion	Ratio	Lower	Upper
77	100		
105	109.4	84.8	124.8
106	103.0	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

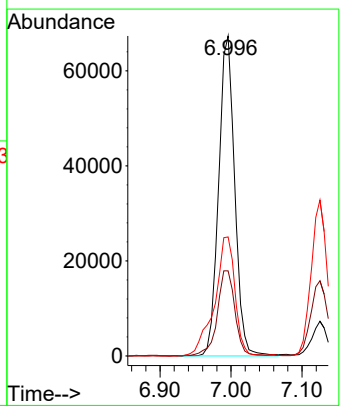
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

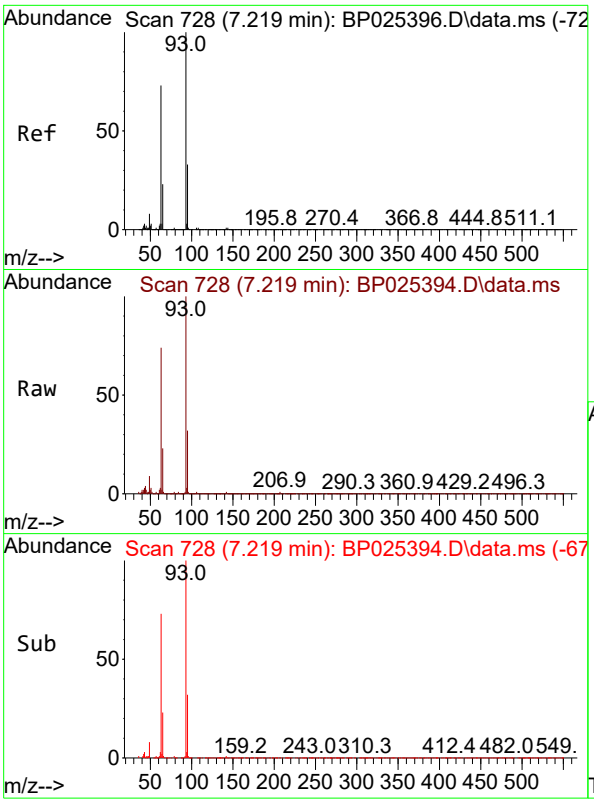


#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 94 Resp: 105394

Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.8	46.8
66	37.2	18.2	58.2

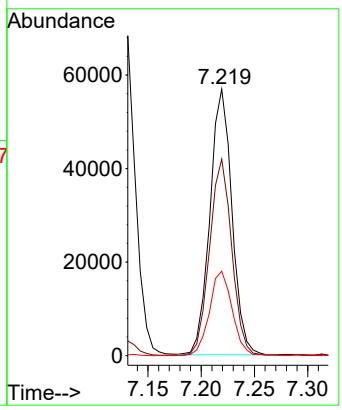




#11
bis(2-Chloroethyl)ether
Concen: 9.368 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 8154

Ion	Ratio	Lower	Upper
93	100		
63	73.7	52.6	92.6
95	31.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
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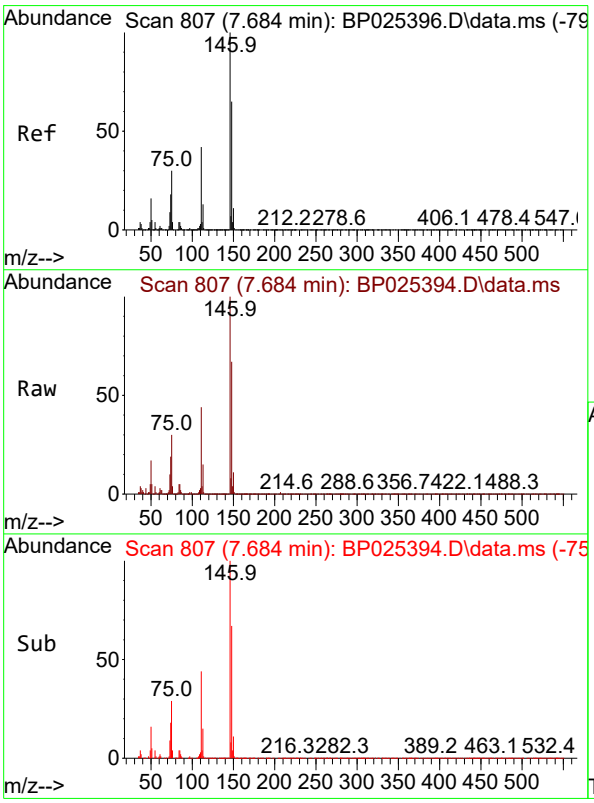
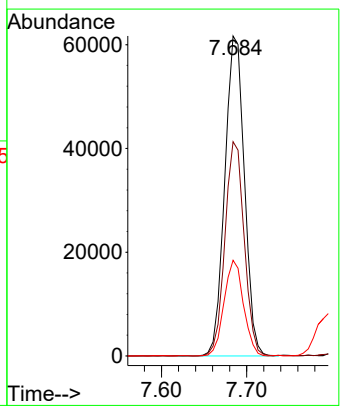
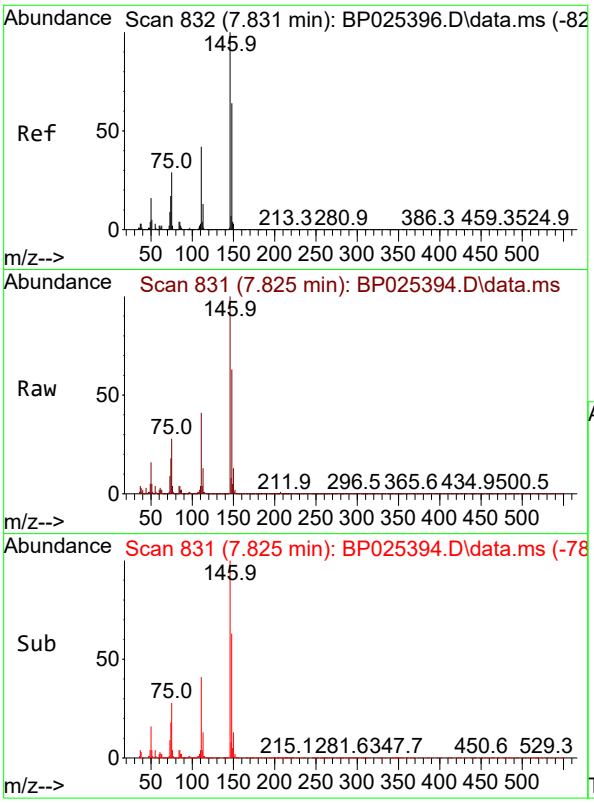


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98782

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
75	29.9	23.7	35.5

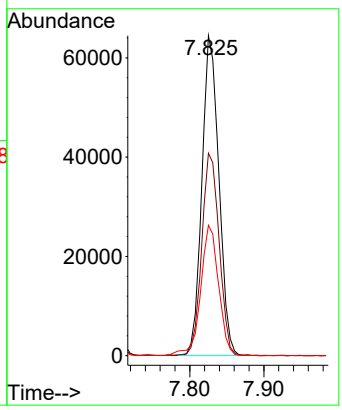




#13
1,4-Dichlorobenzene
Concen: 9.731 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 10272

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.8	33.4	50.0



Instrument :
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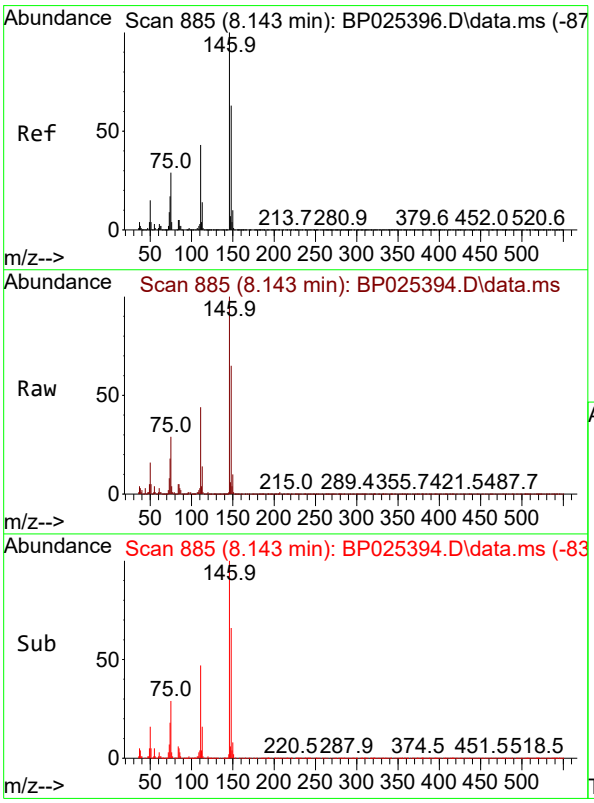
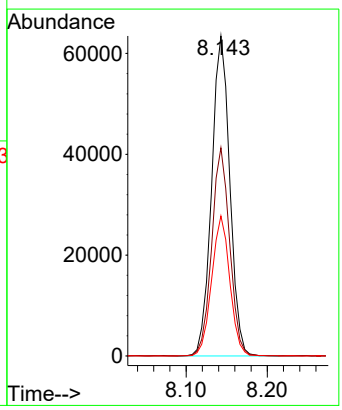
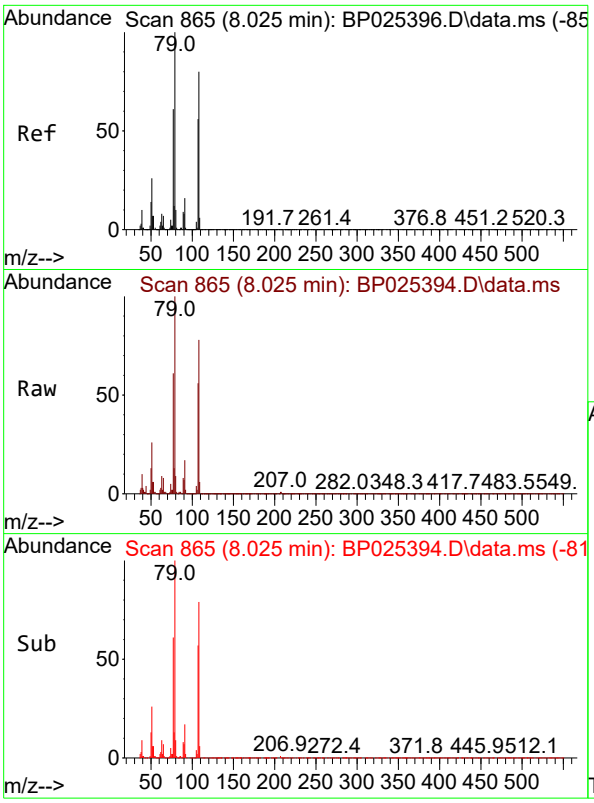


#14
1,2-Dichlorobenzene
Concen: 9.647 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:146 Resp: 98589

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.7	34.5	51.7





#15
Benzyl Alcohol
Concen: 9.273 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 7841

Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.8	95.6
77	61.0	49.0	73.4

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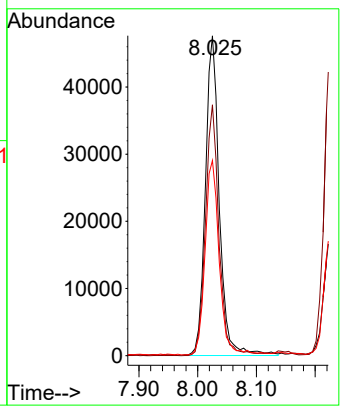
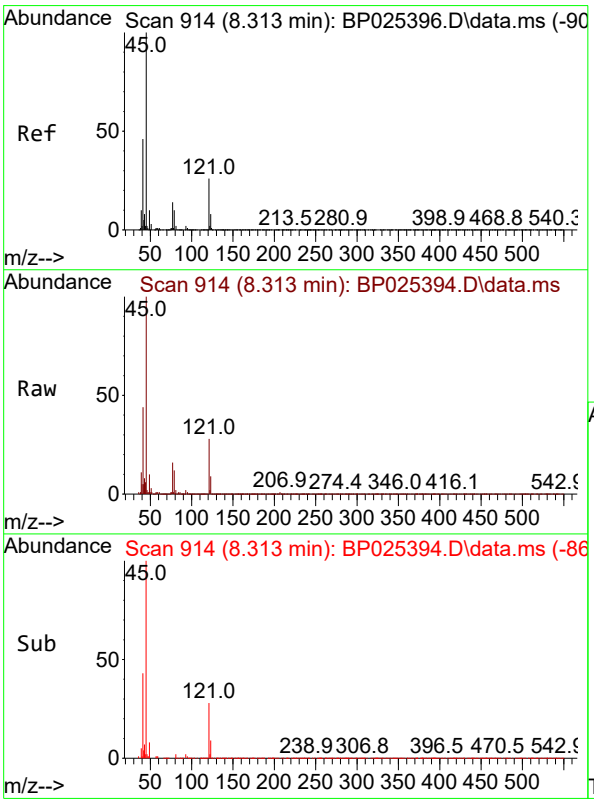
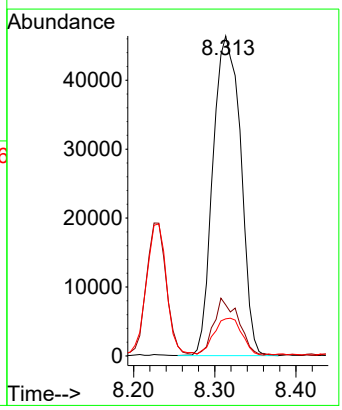


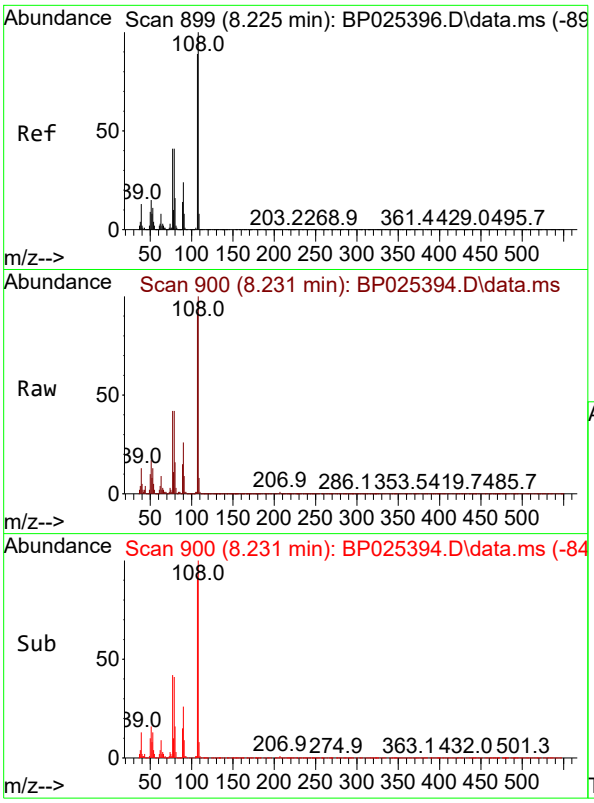


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.412 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 45 Resp: 109744

Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.3
79	11.6	0.0	31.8

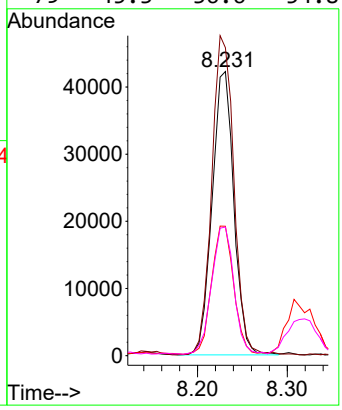




#17
2-Methylphenol
Concen: 9.153 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 7099

Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8



Instrument :
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ClientSampleId :
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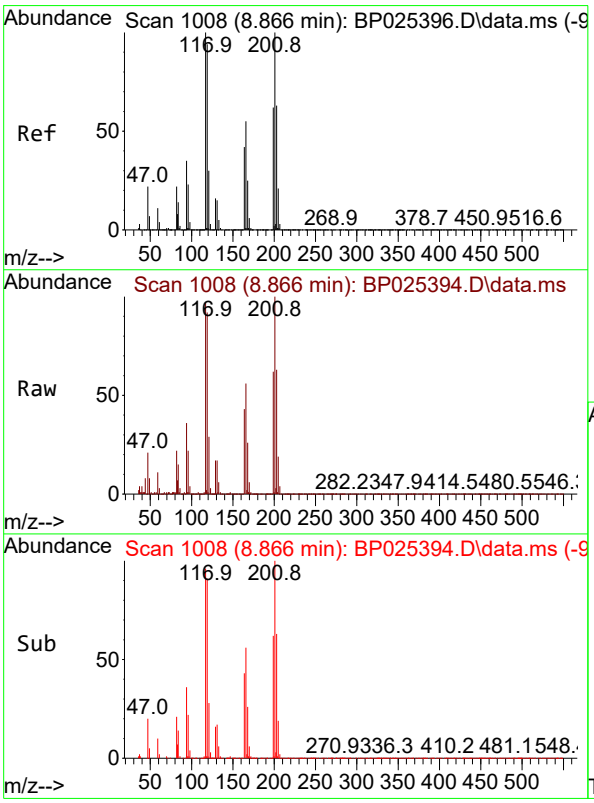
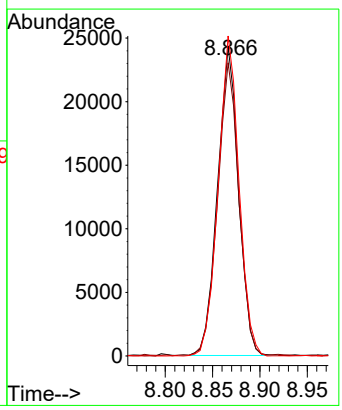
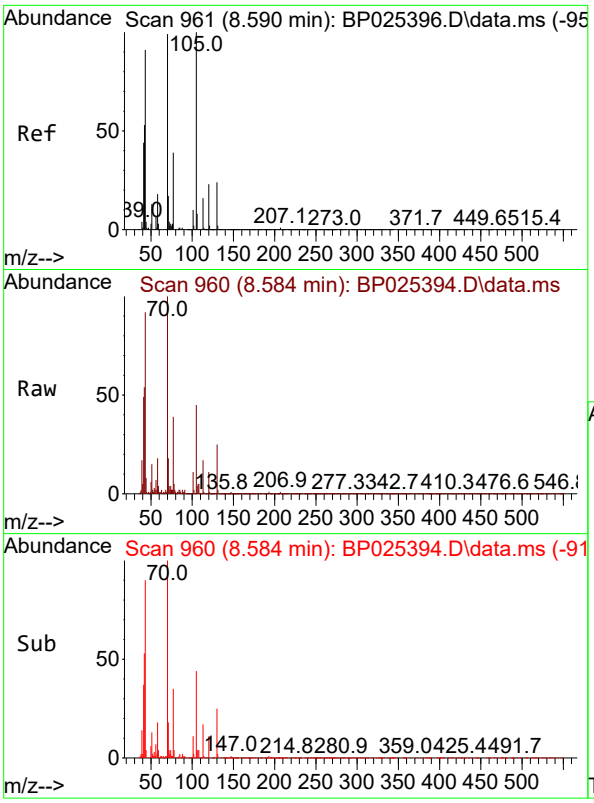


#18
Hexachloroethane
Concen: 9.654 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:117 Resp: 37473

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.1	112.7
201	103.5	80.1	120.1

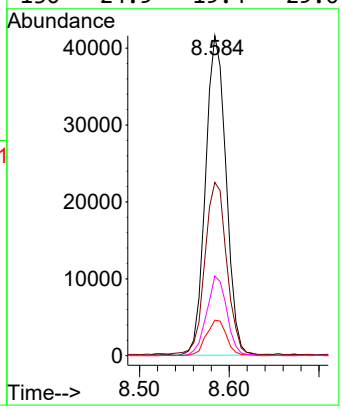




#19
n-Nitroso-di-n-propylamine
Concen: 9.366 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 70 Resp: 6610

Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.1	8.5	12.7
130	24.9	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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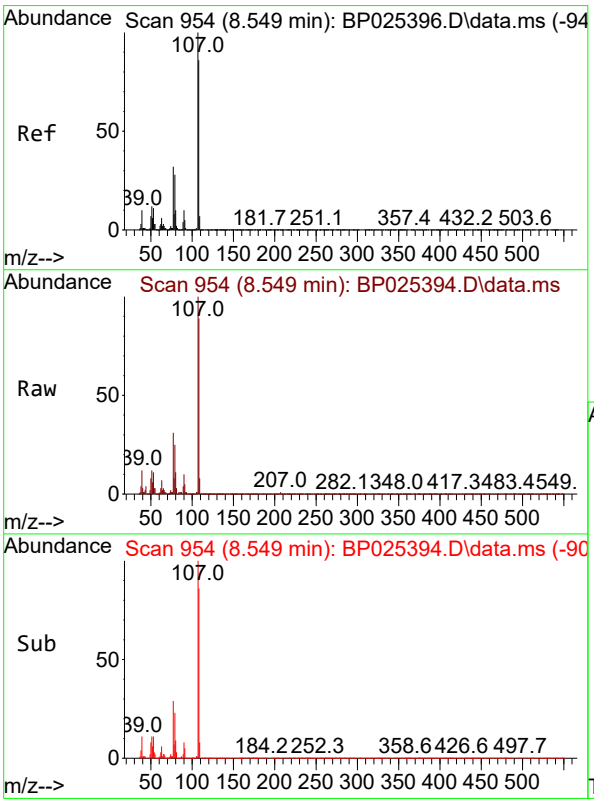
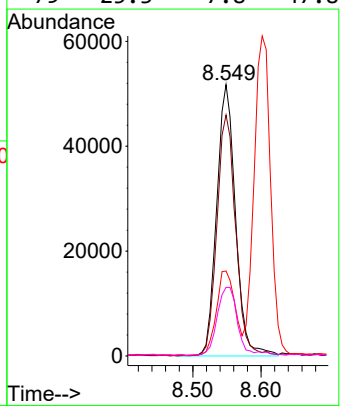
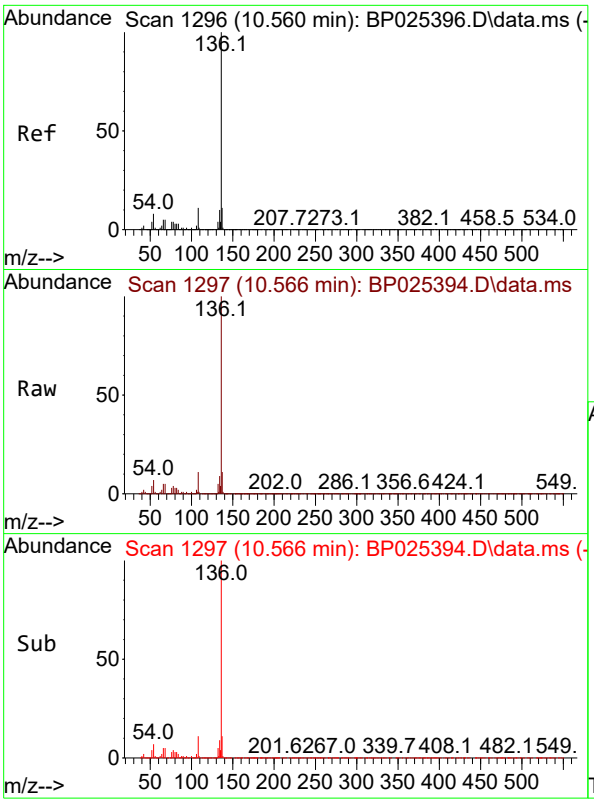


#20
3+4-Methylphenols
Concen: 9.244 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.3	106.3
77	31.3	12.3	52.3
79	25.3	7.8	47.8

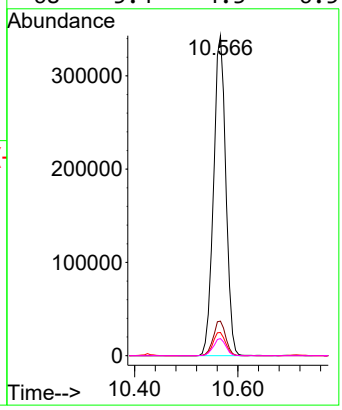




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:136 Resp: 56399

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.3	6.0	9.0
68	5.4	4.3	6.5



Instrument :
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ClientSampleId :
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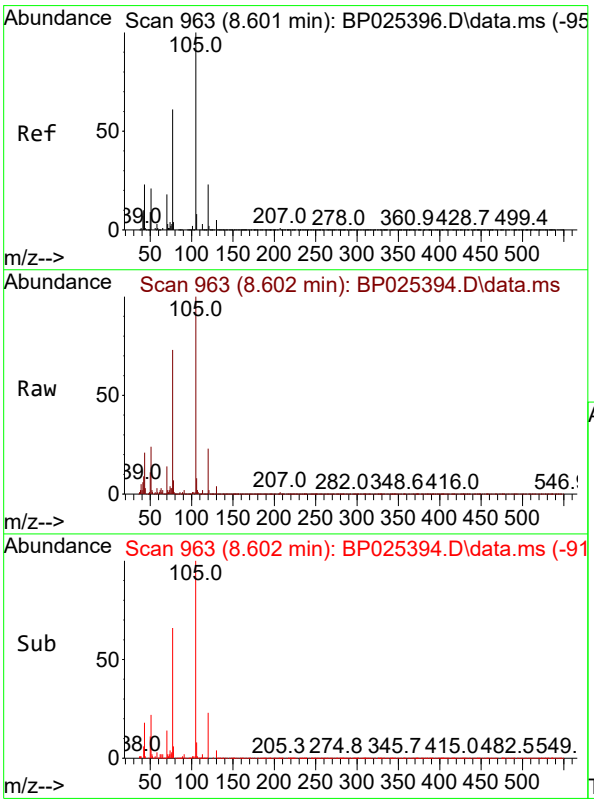
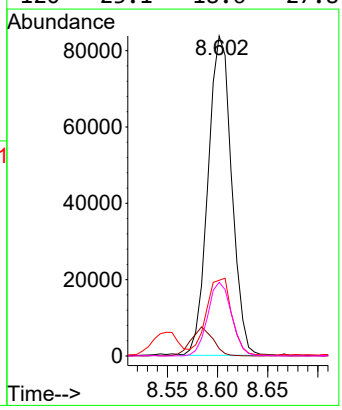
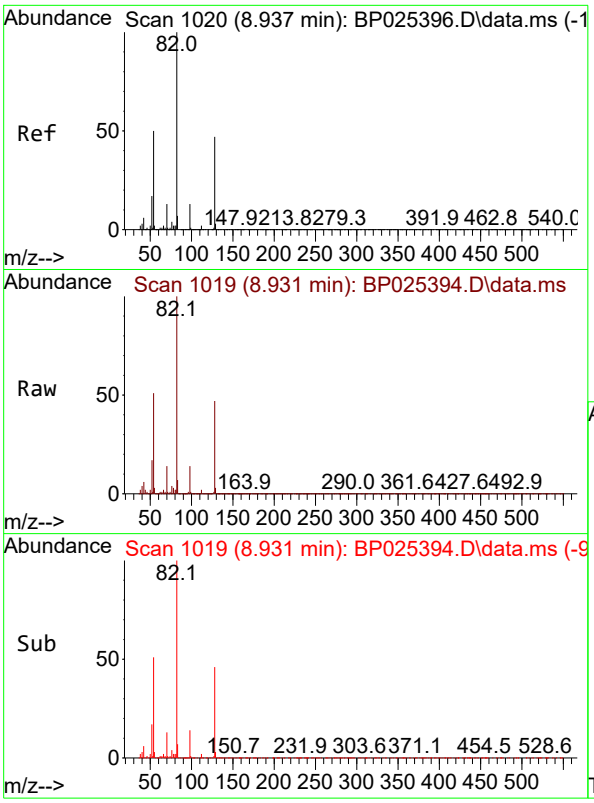


#22
Acetophenone
Concen: 9.712 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.6	4.0#
51	23.7	20.6	30.8
120	23.1	18.6	27.8

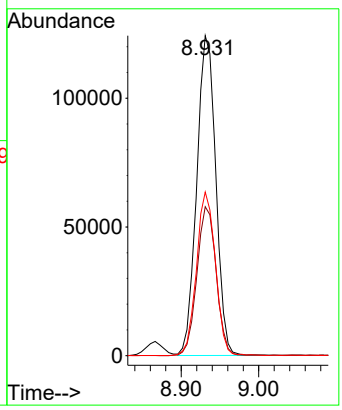




#23
Nitrobenzene-d5
Concen: 19.036 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 21223

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	51.2	39.8	59.6



Instrument :
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ClientSampleId :
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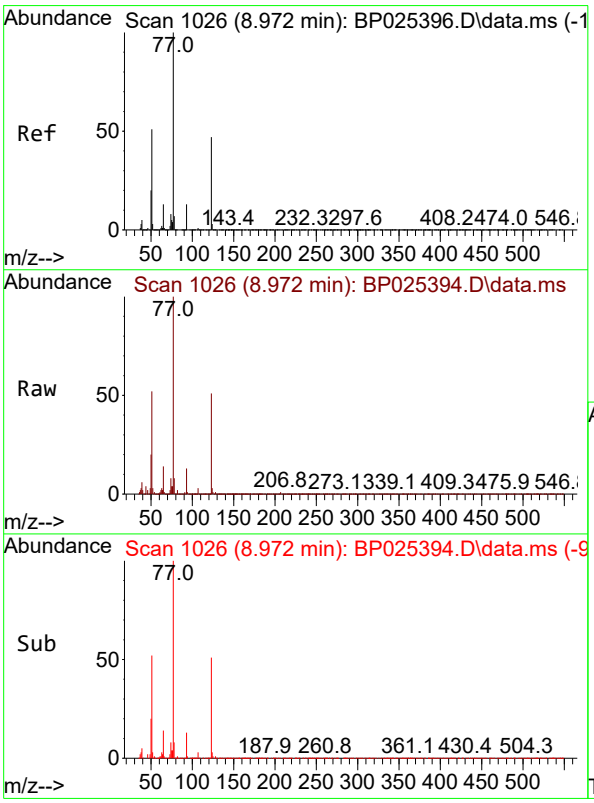
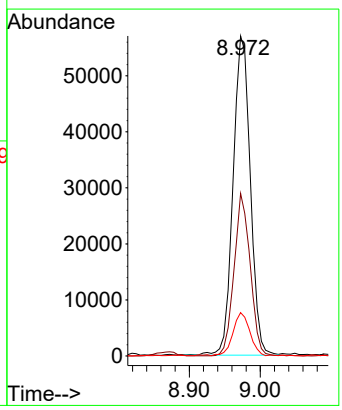
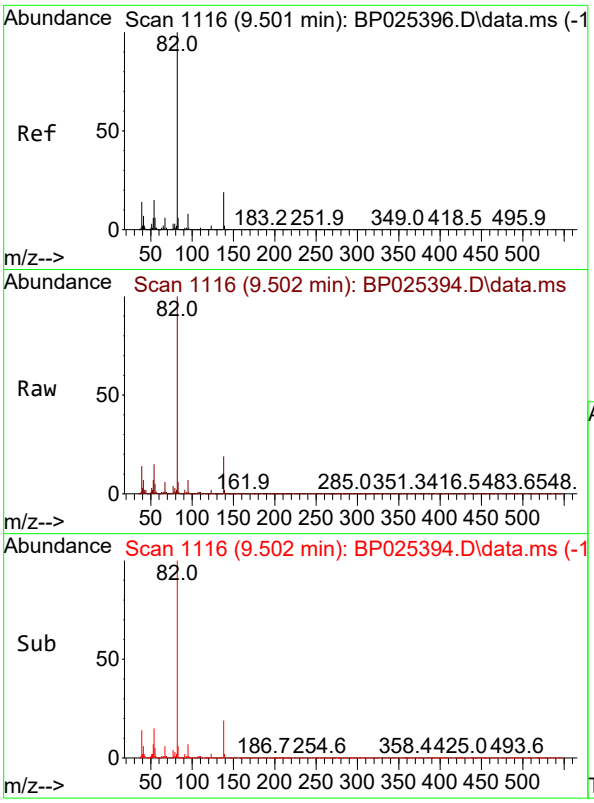


#24
Nitrobenzene
Concen: 9.685 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 96502

Ion	Ratio	Lower	Upper
77	100		
123	50.8	38.6	58.0
65	13.6	10.6	15.8

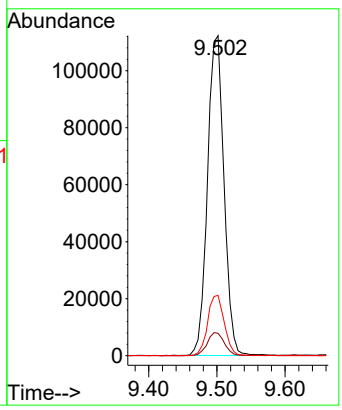




#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 82 Resp: 18951

Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.4	9.6
138	18.8	15.4	23.0



Instrument :
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ClientSampleId :
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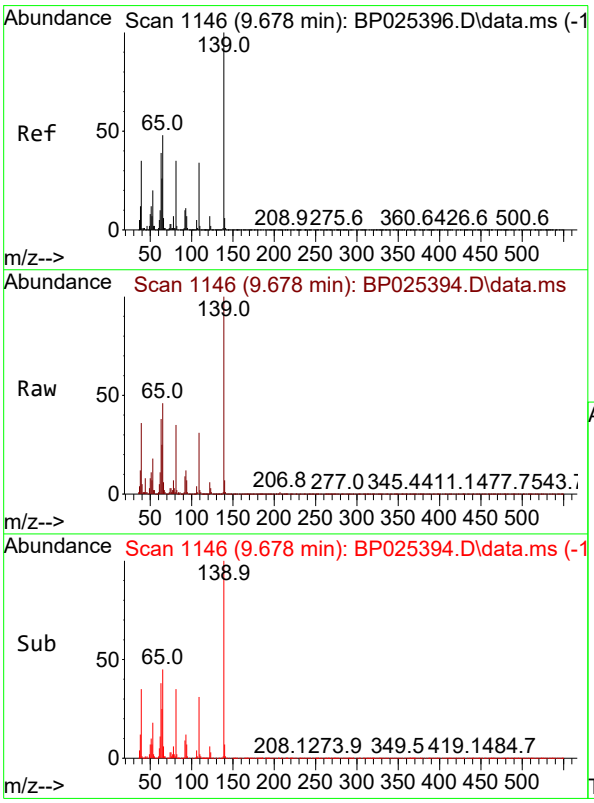
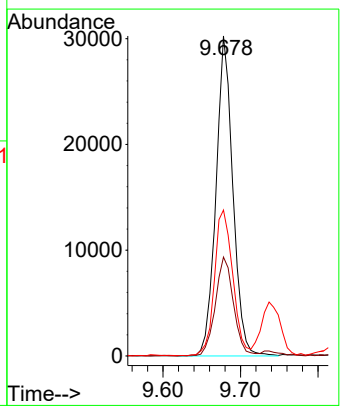
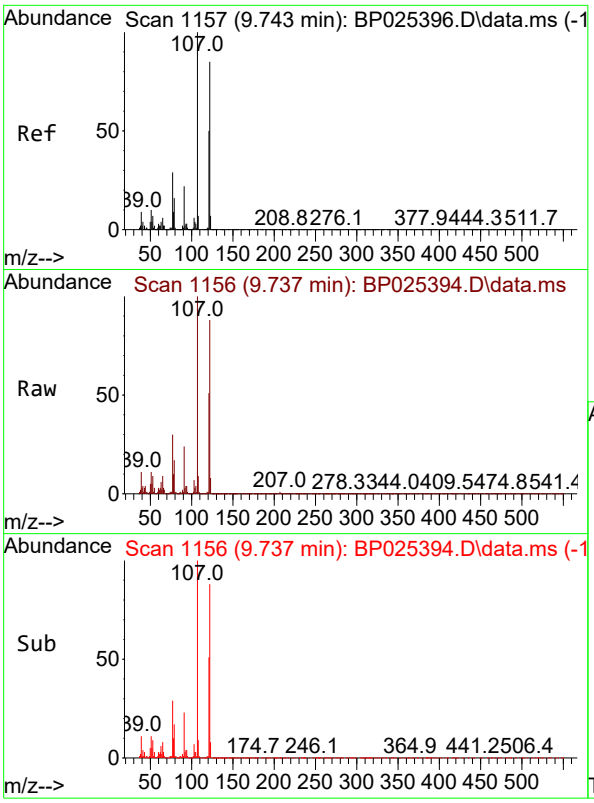


#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860

Ion	Ratio	Lower	Upper
139	100		
109	30.9	26.9	40.3
65	45.6	38.3	57.5

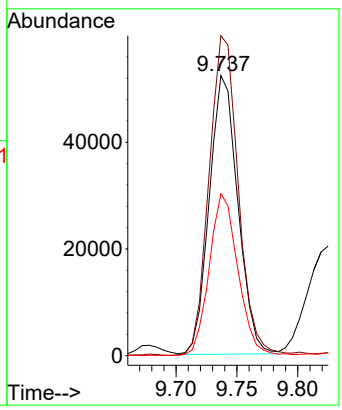




#27
2,4-Dimethylphenol
Concen: 9.718 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 8546

Ion	Ratio	Lower	Upper
122	100		
107	114.2	93.7	140.5
121	57.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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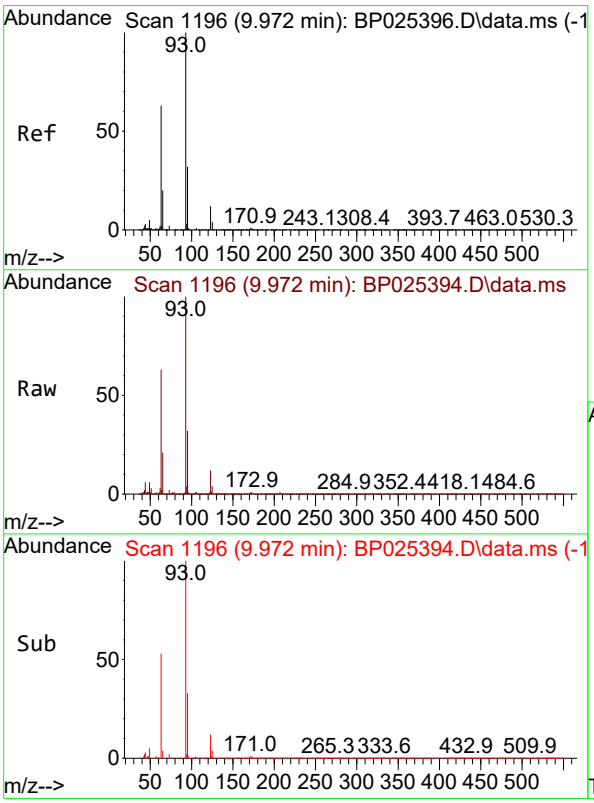
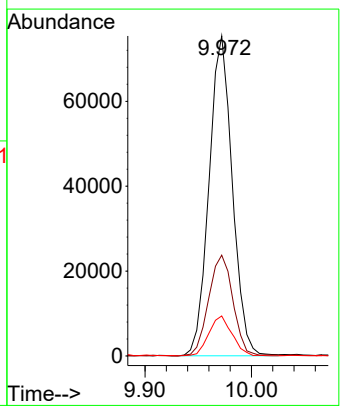
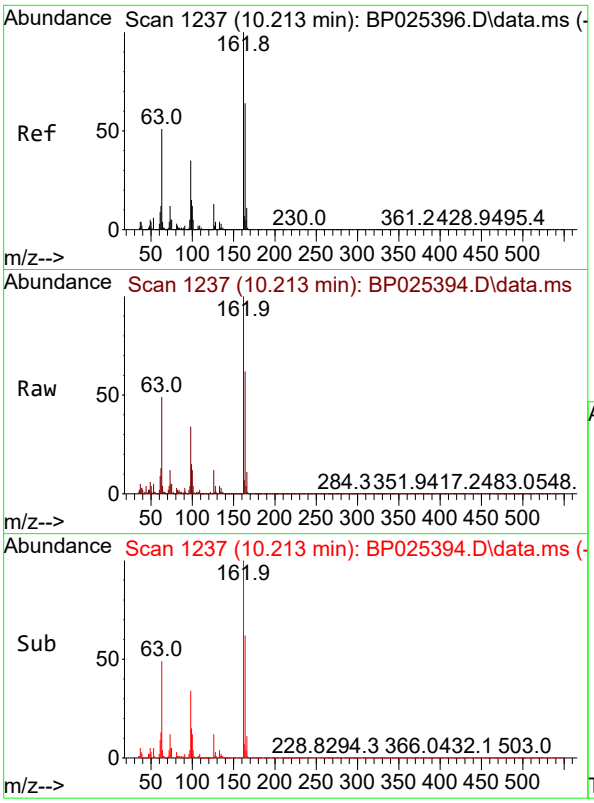


#28
bis(2-Chloroethoxy)methane
Concen: 9.611 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 93 Resp: 114635

Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	12.5	9.4	14.0

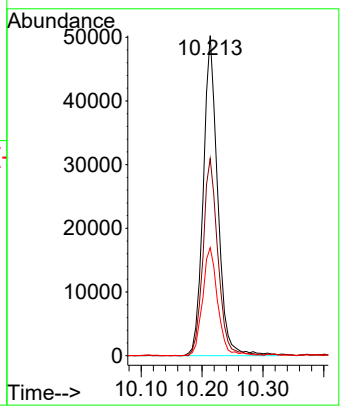




#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 8267

Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.4	84.4
98	33.8	14.9	54.9



Instrument :
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ClientSampleId :
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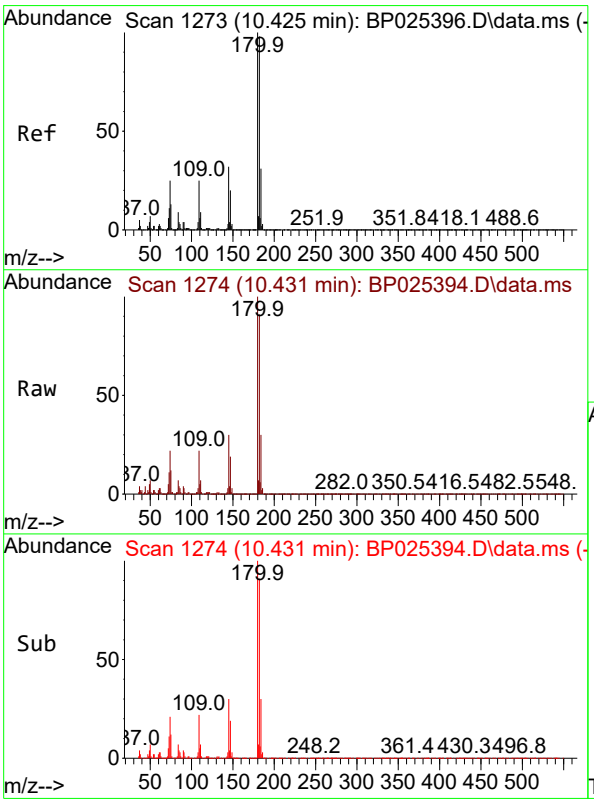
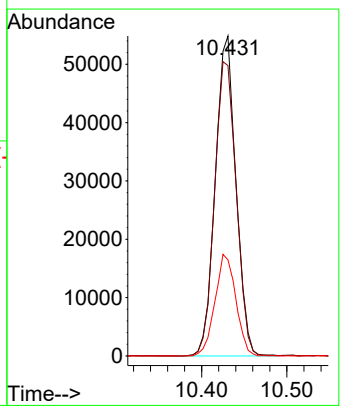
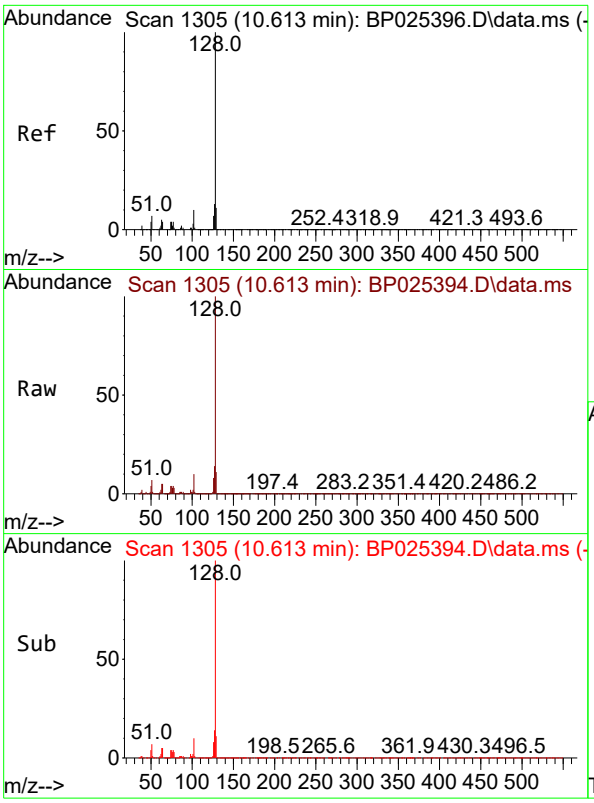


#30
1,2,4-Trichlorobenzene
Concen: 9.676 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:180 Resp: 92664

Ion	Ratio	Lower	Upper
180	100		
182	90.7	78.0	117.0
145	30.1	25.9	38.9

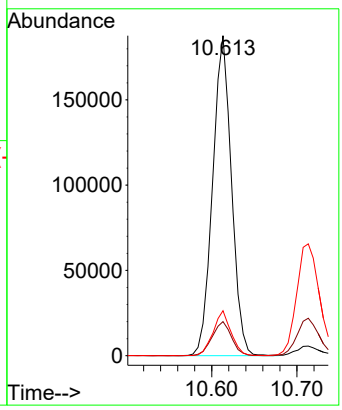




#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:128 Resp: 28775

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	14.0	10.7	16.1



Instrument :
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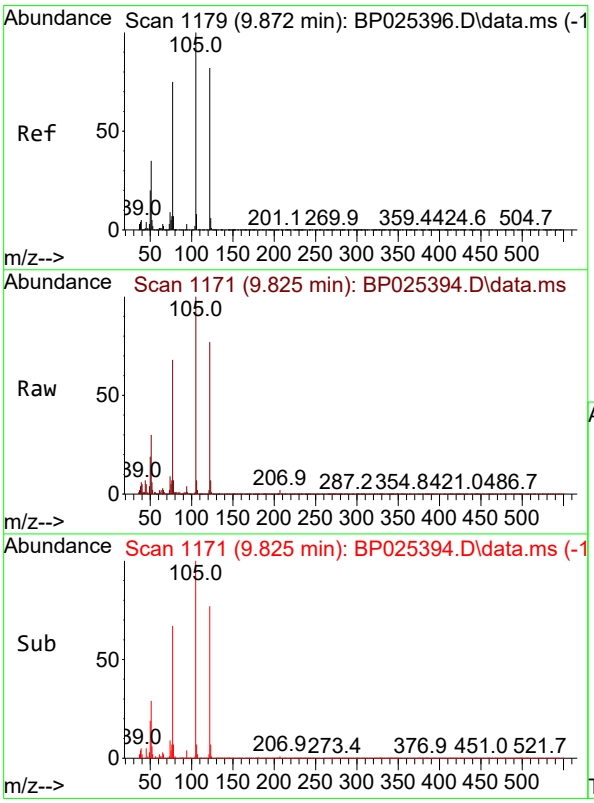
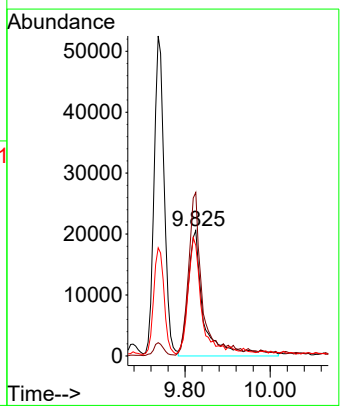
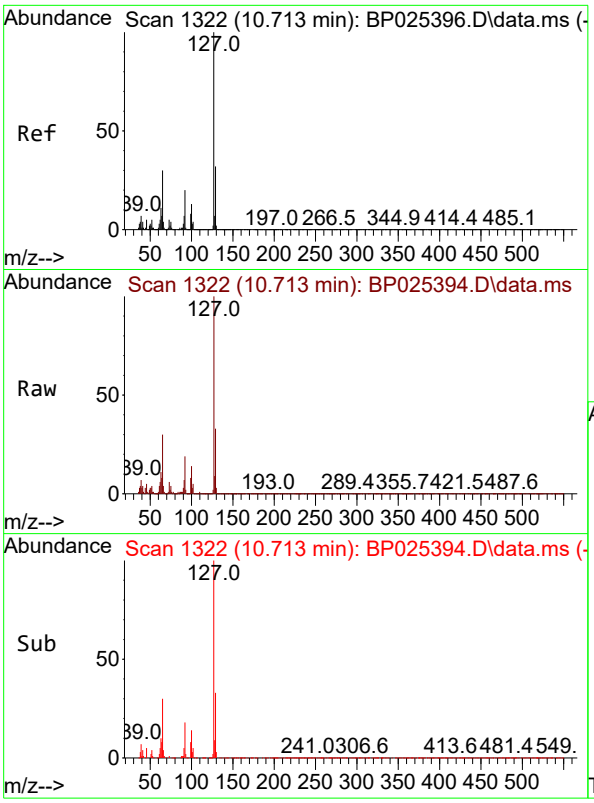


#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:122 Resp: 53034

Ion	Ratio	Lower	Upper
122	100		
105	130.4	100.6	140.6
77	88.0	71.5	111.5

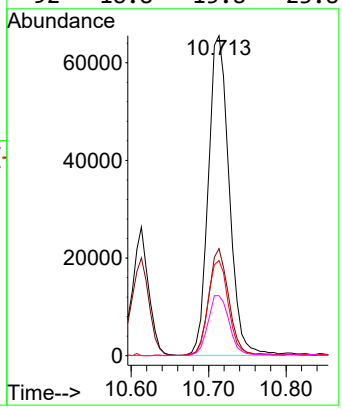




#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:127 Resp: 12264

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.2
65	29.7	23.8	35.6
92	18.8	15.8	23.8



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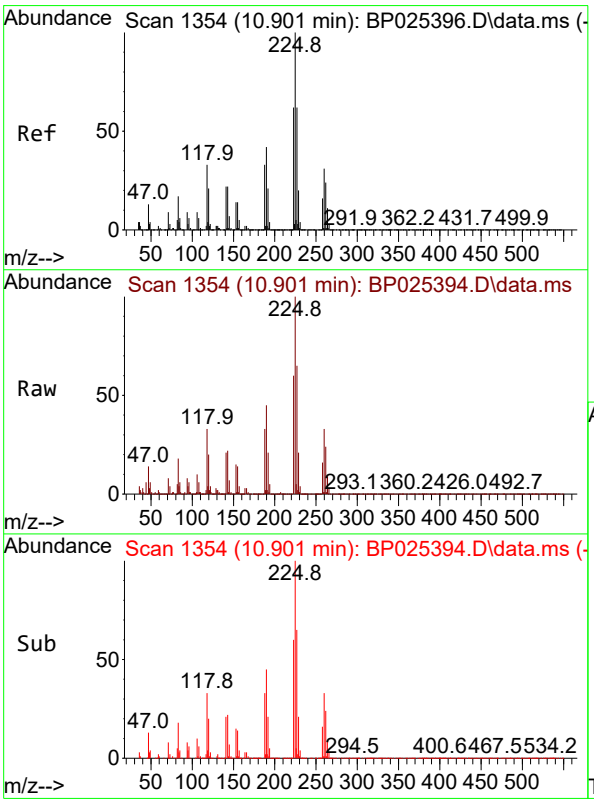
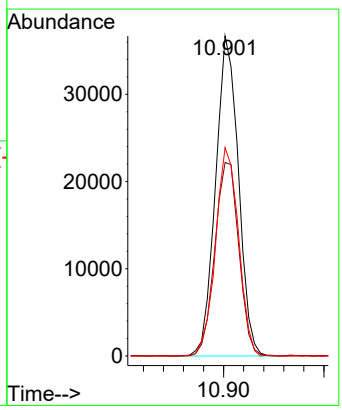
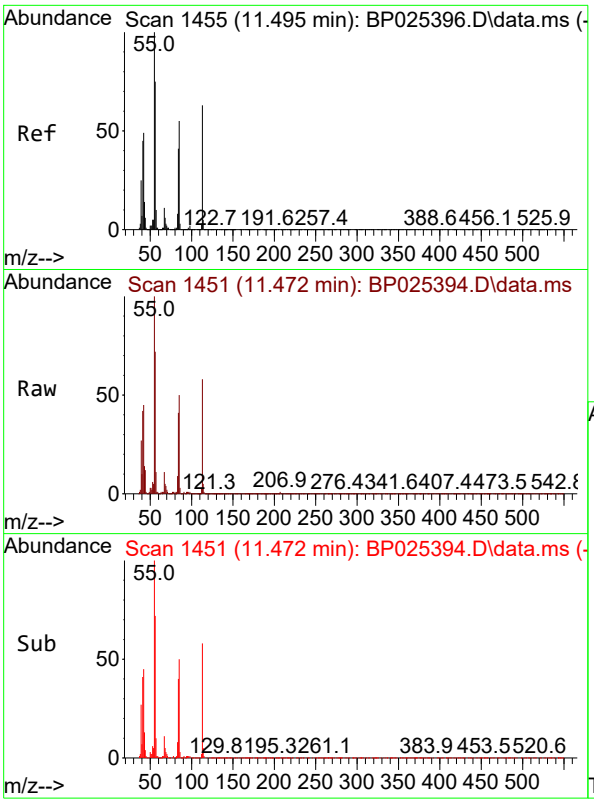


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:225 Resp: 57821

Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.0	75.0
227	65.1	49.7	74.5





#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:113 Resp: 3203

Ion	Ratio	Lower	Upper
113	100		
55	172.3	140.0	180.0
56	124.4	100.0	140.0

Instrument :
BNA_P
ClientSampleId :
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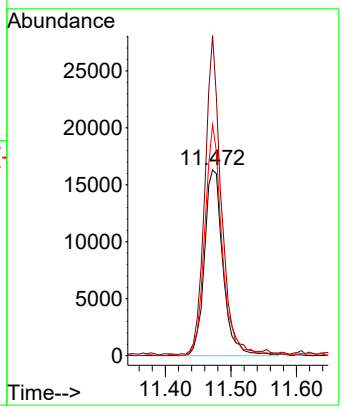
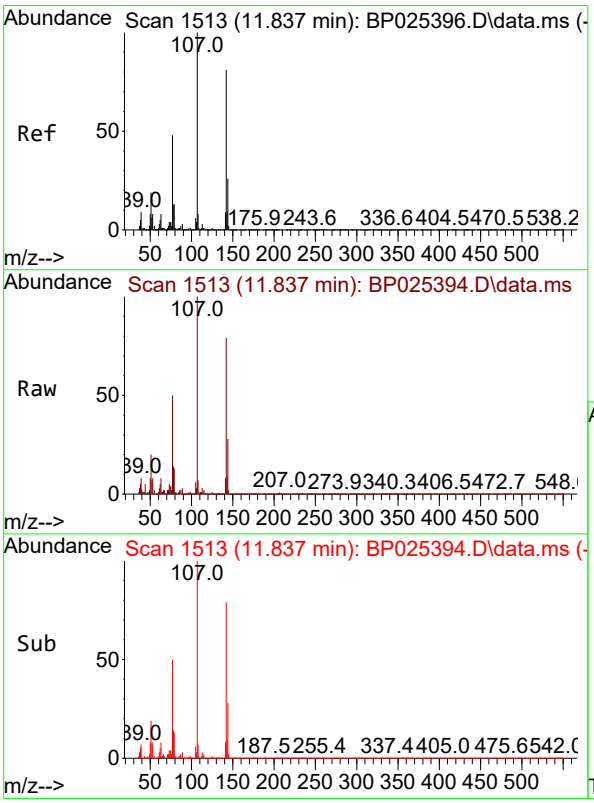
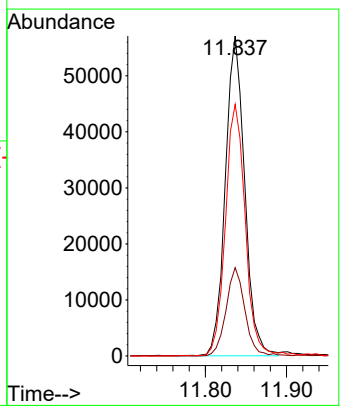


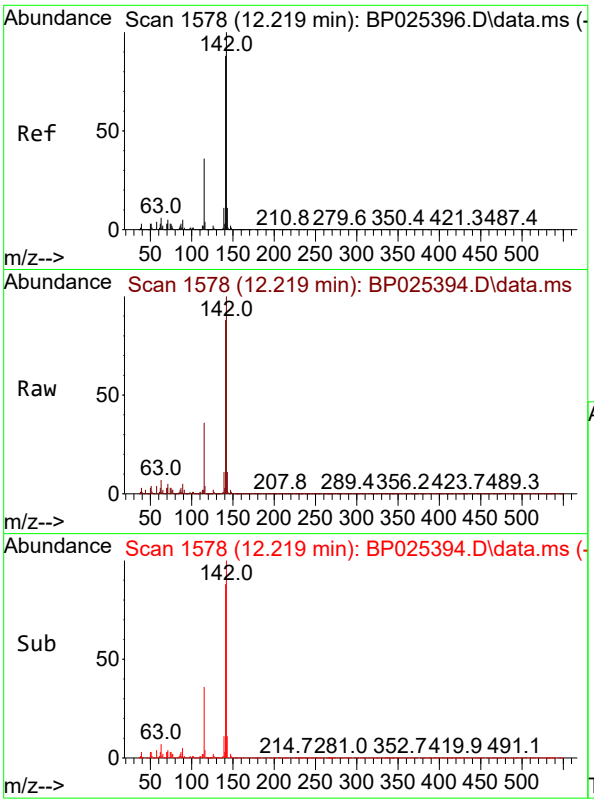


#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 94538

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.0	31.4
142	78.6	64.6	97.0

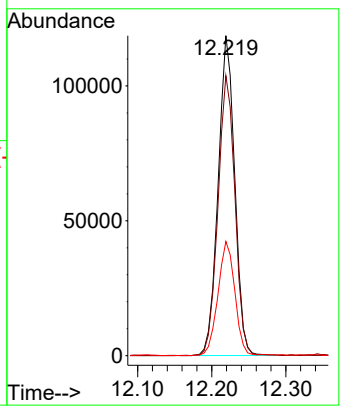




#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 18417

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	35.7	28.9	43.3



Instrument :
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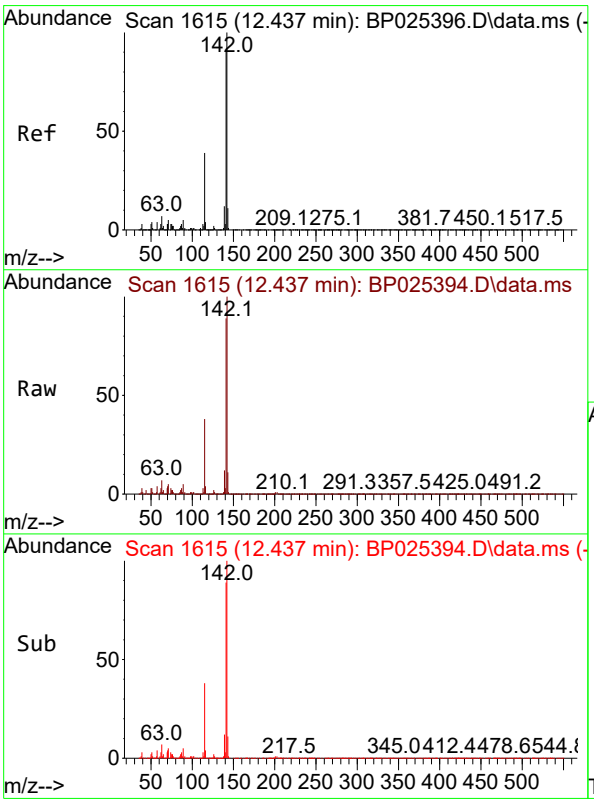
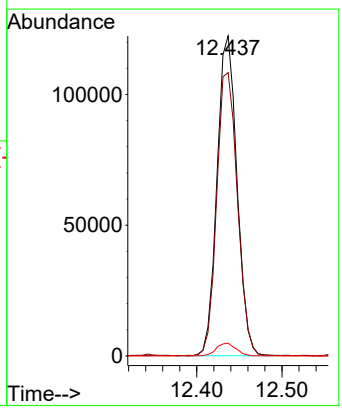
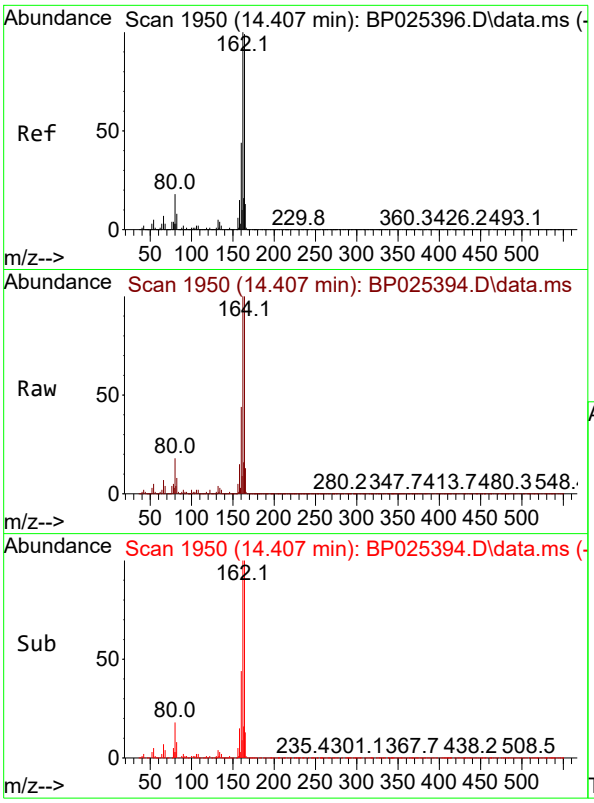


#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 199160

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.1	109.7
116	4.0	3.2	4.8

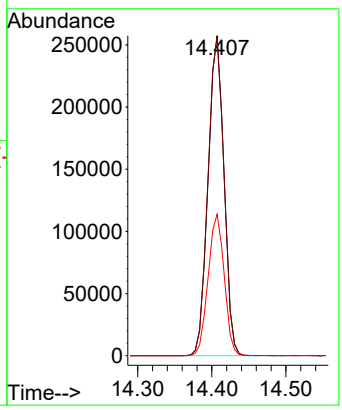




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:164 Resp: 38319

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	44.2	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
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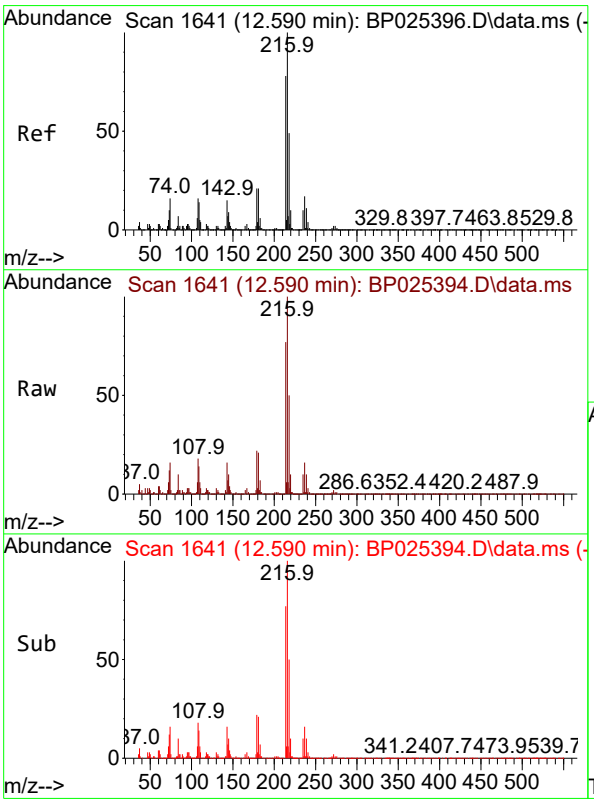
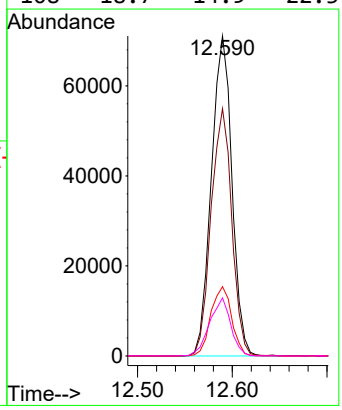
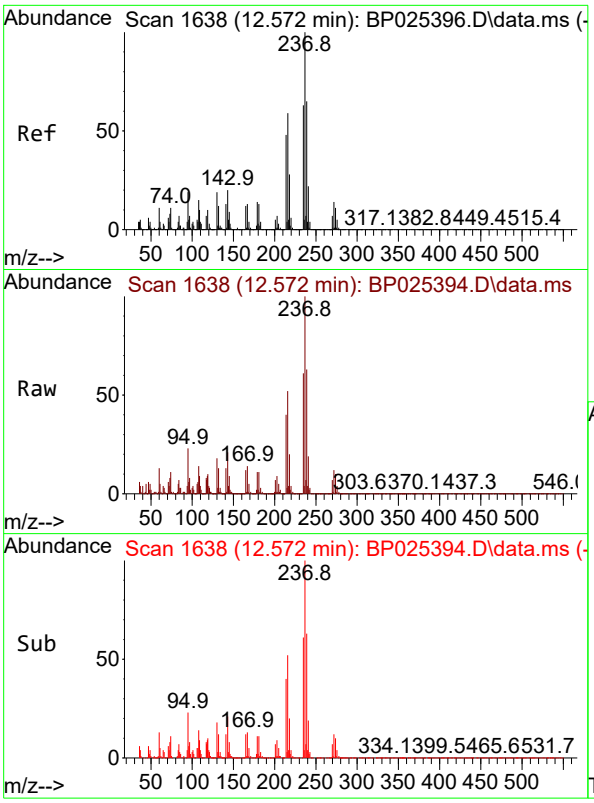


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.678 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	22.0	17.1	25.7
108	18.7	14.9	22.3

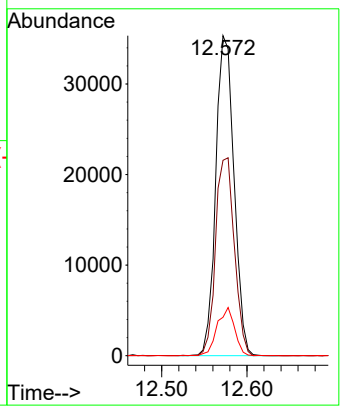




#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:237 Resp: 5258

Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.7	82.7
272	12.0	0.0	34.0



Instrument :
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ClientSampleId :
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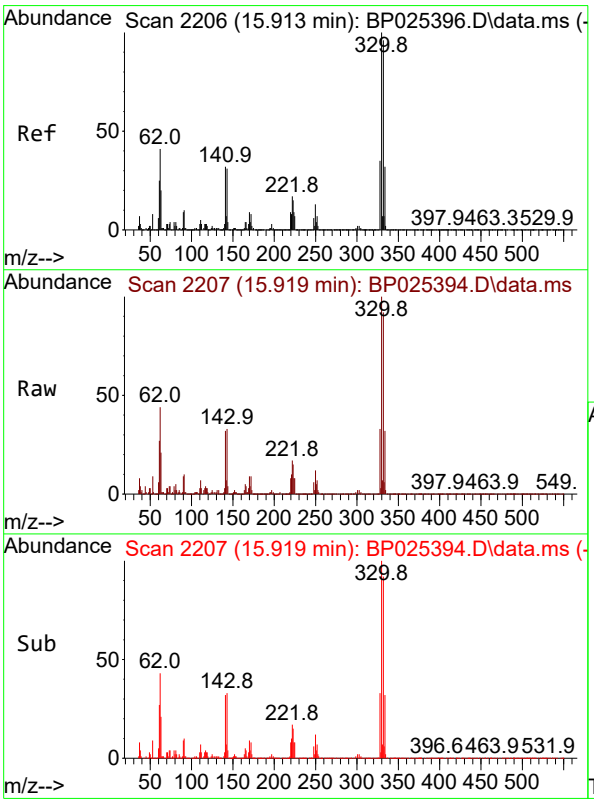
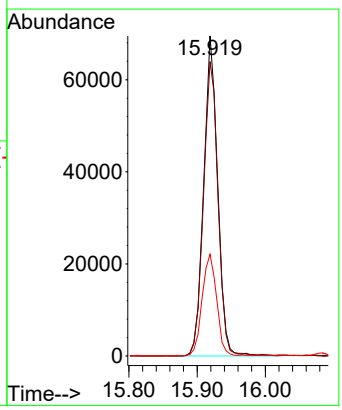
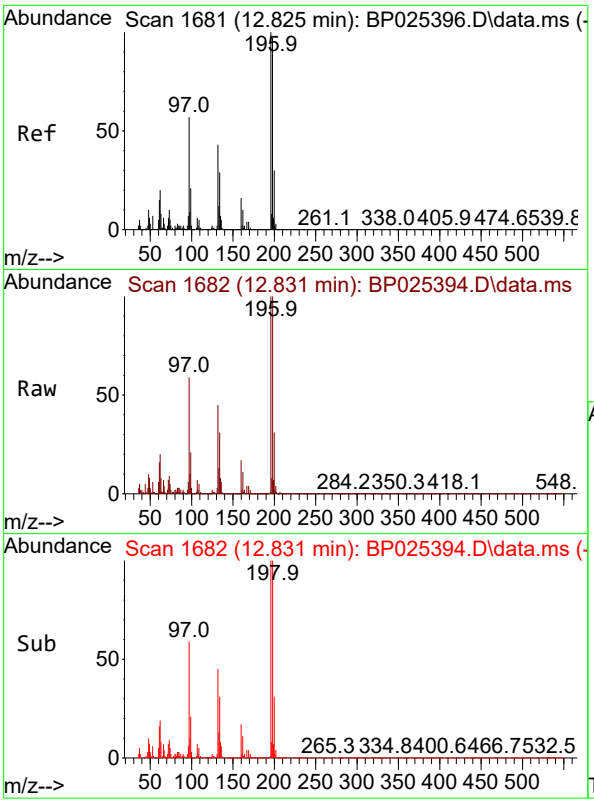


#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:330 Resp: 99083

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.1	26.6	39.8

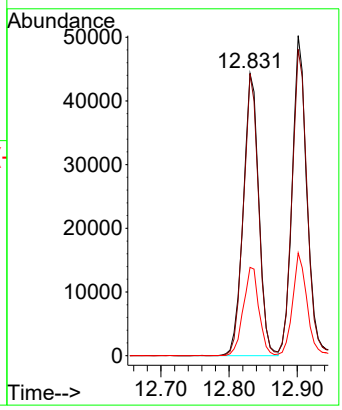




#43
2,4,6-Trichlorophenol
Concen: 9.339 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 6978

Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.2	115.8
200	31.3	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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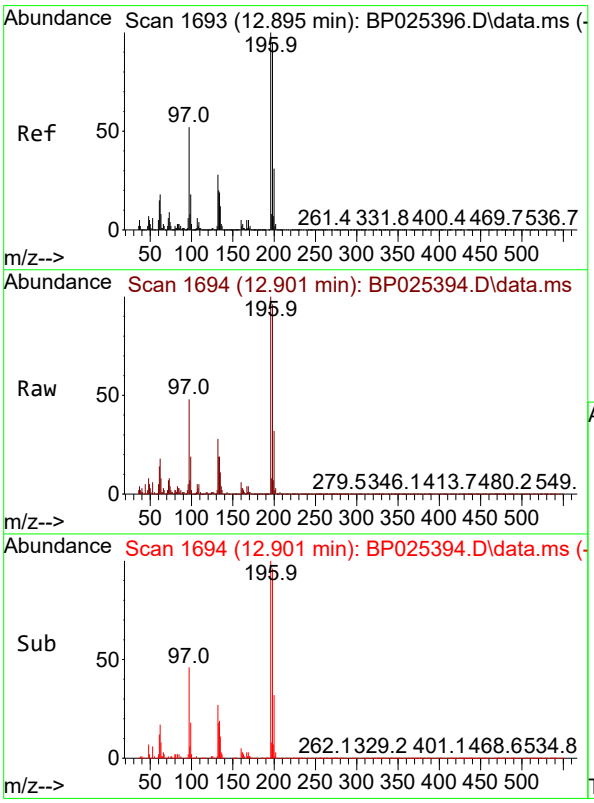
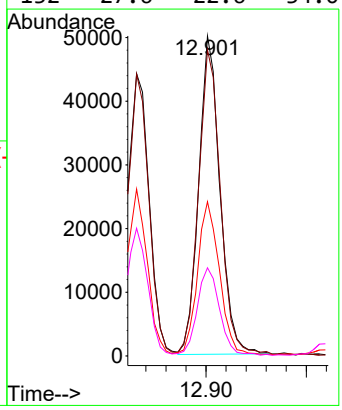
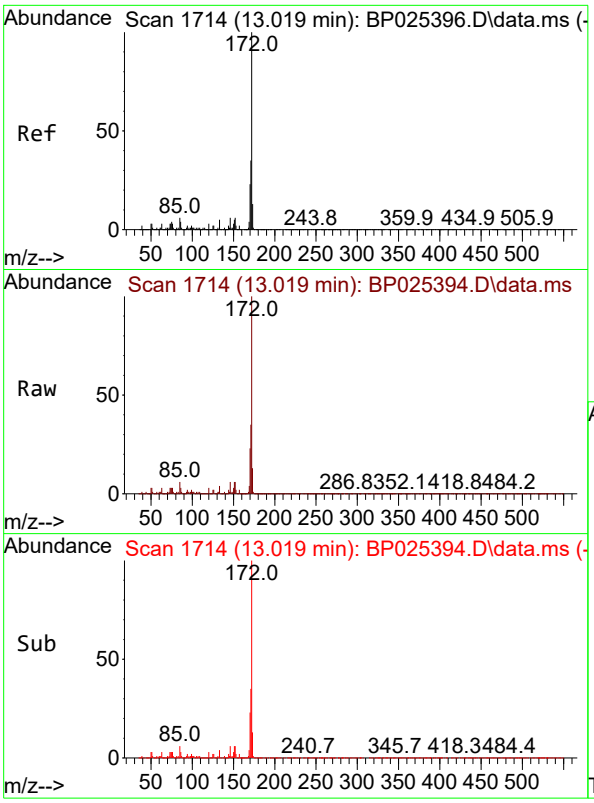


#44
2,4,5-Trichlorophenol
Concen: 9.006 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	48.2	41.2	61.8
132	27.6	22.6	34.0

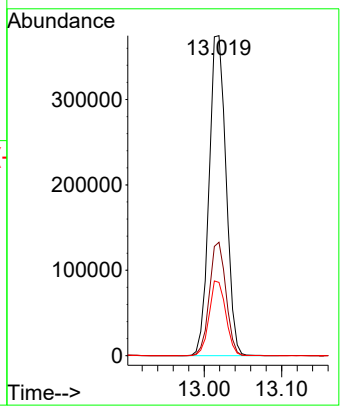




#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:172 Resp: 56835

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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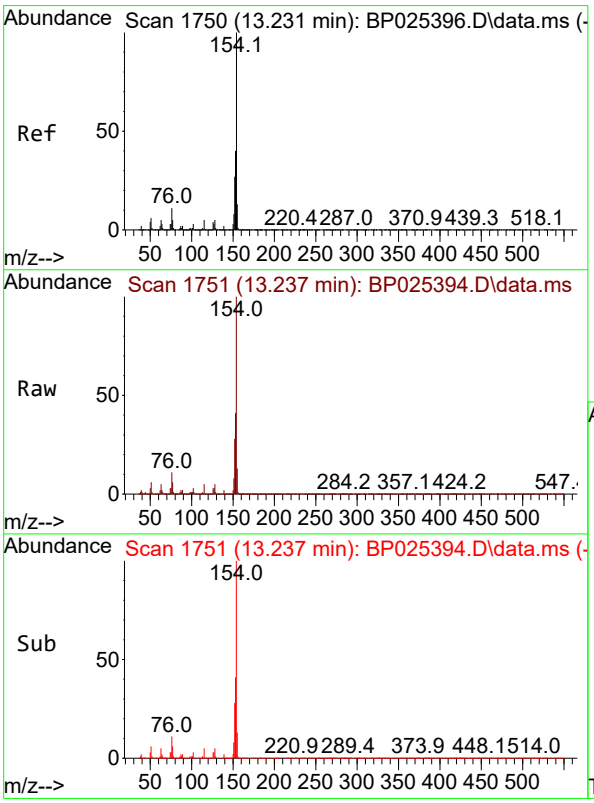
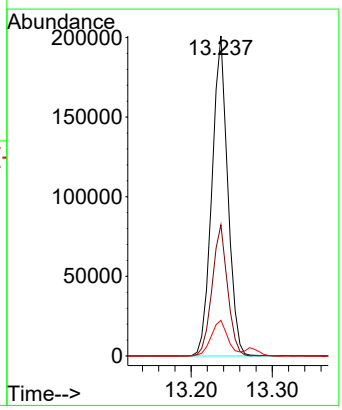
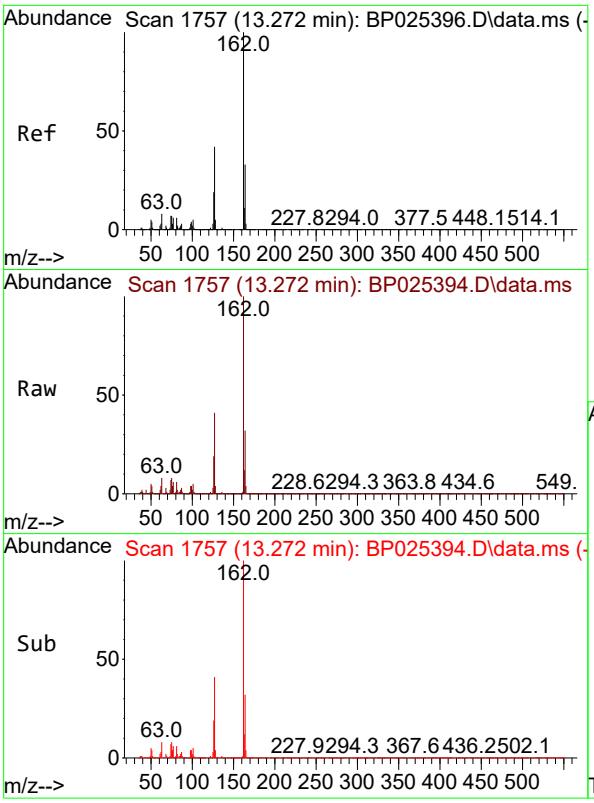


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:154 Resp: 271710

Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.5	59.5
76	11.2	0.0	31.1

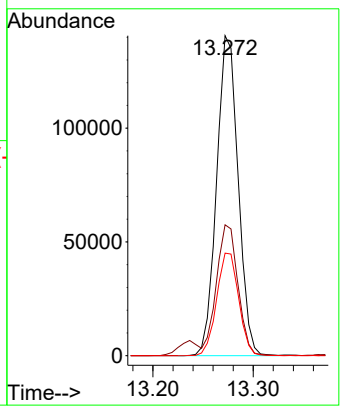




#47
2-Chloronaphthalene
Concen: 9.666 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:162 Resp: 20941

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	32.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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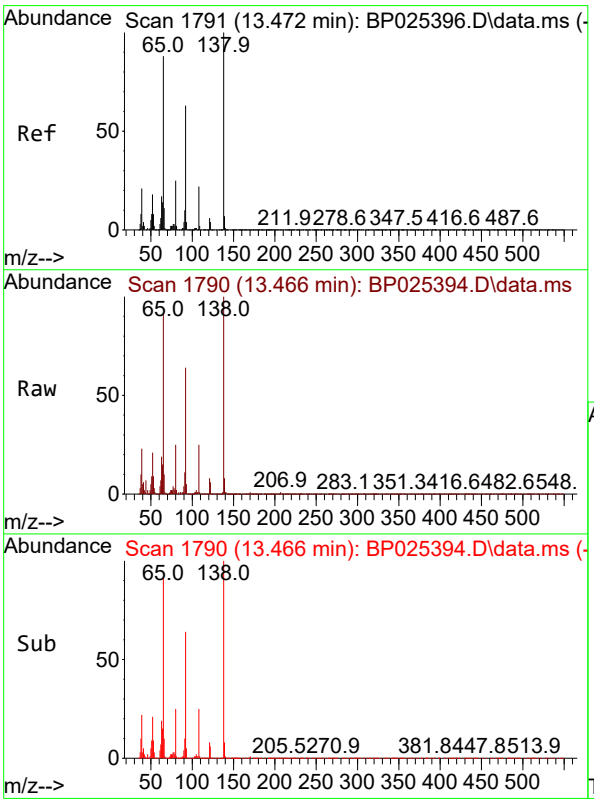
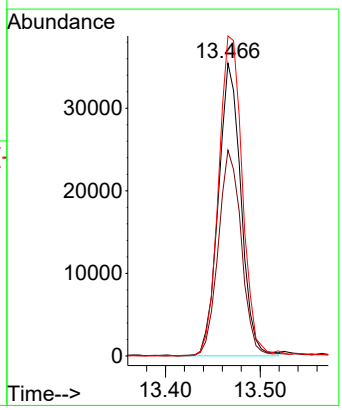
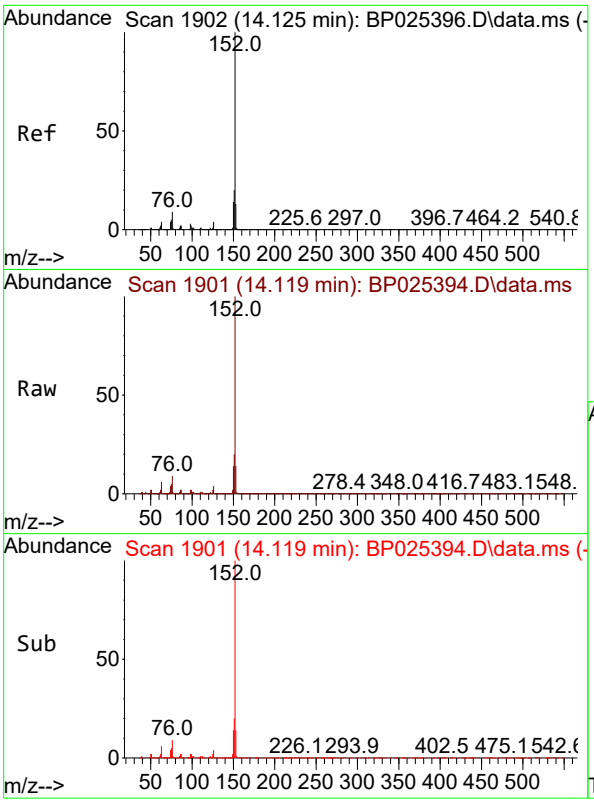


#48
2-Nitroaniline
Concen: 9.287 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 65 Resp: 58630

Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.6	86.4
138	109.3	91.0	136.6

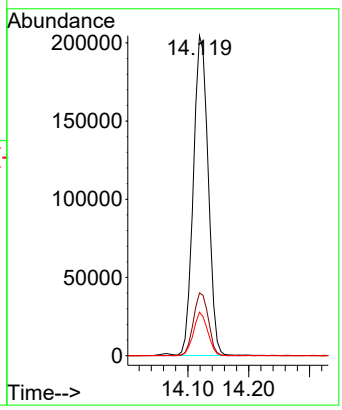




#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:152 Resp: 34602

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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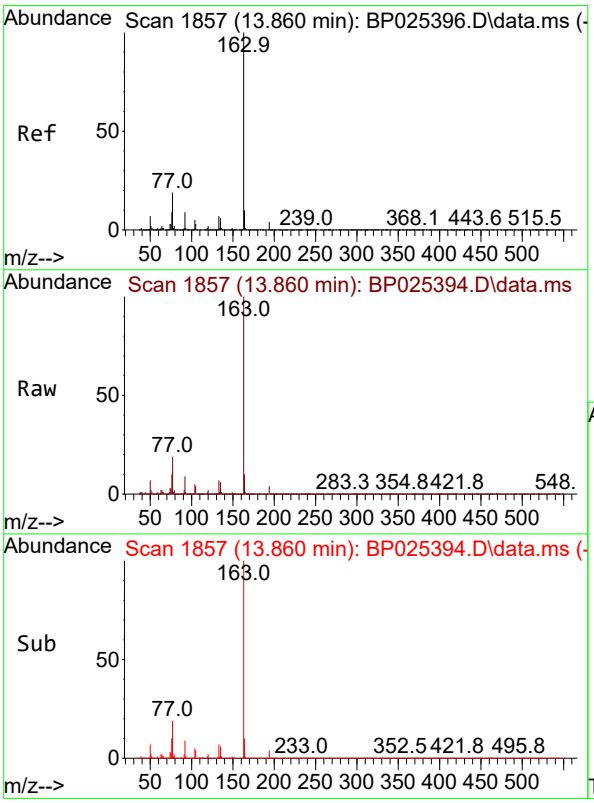
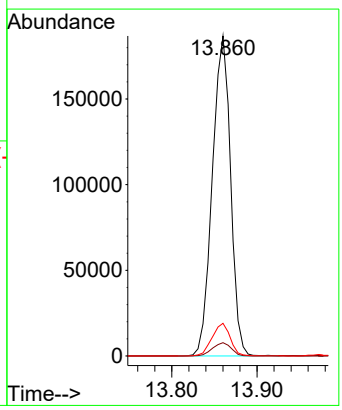
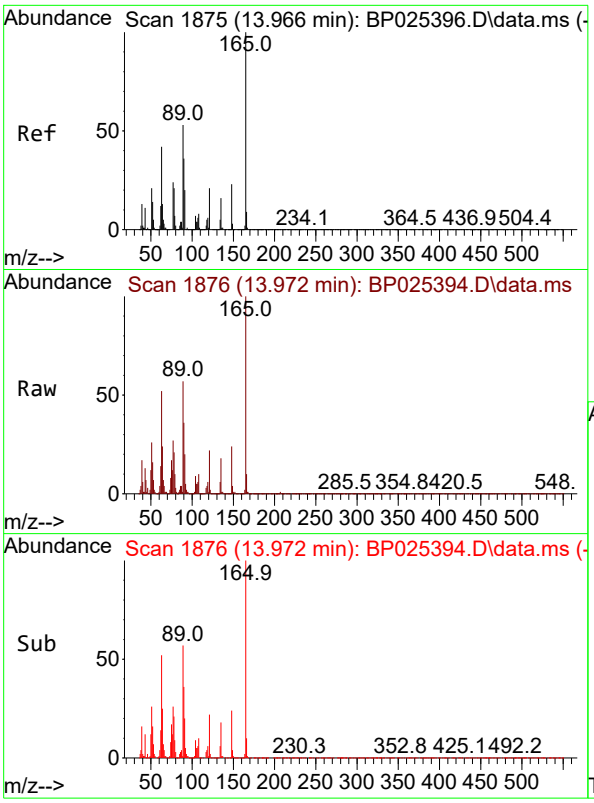


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:163 Resp: 277701

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 5495

Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.9	61.3
89	56.9	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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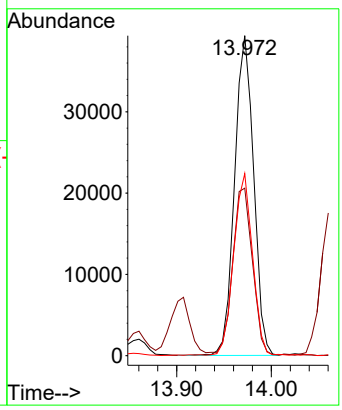
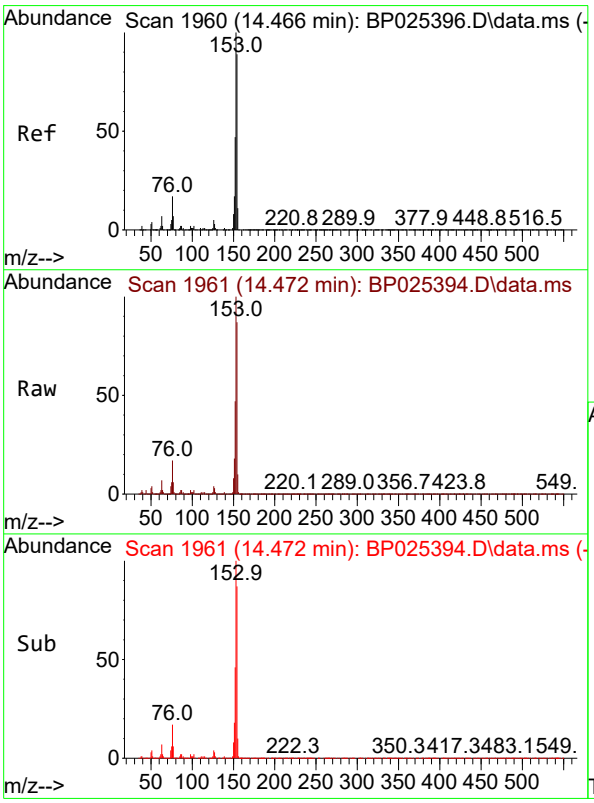
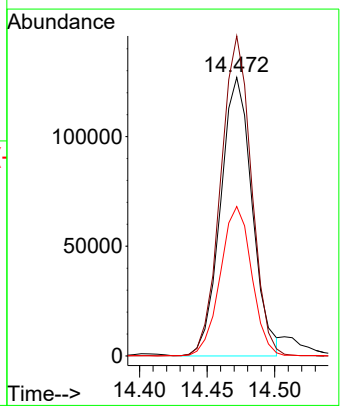


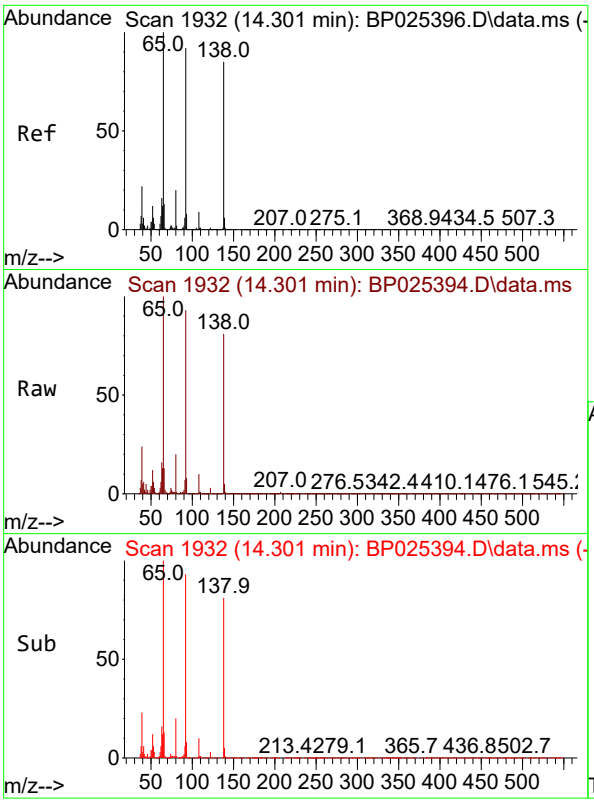


#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:154 Resp: 207239

Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.2	135.2
152	53.6	42.1	63.1





#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 6299

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.3	12.5
92	114.9	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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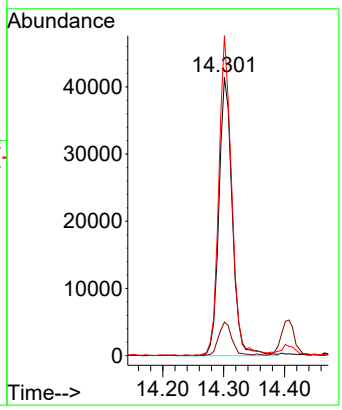
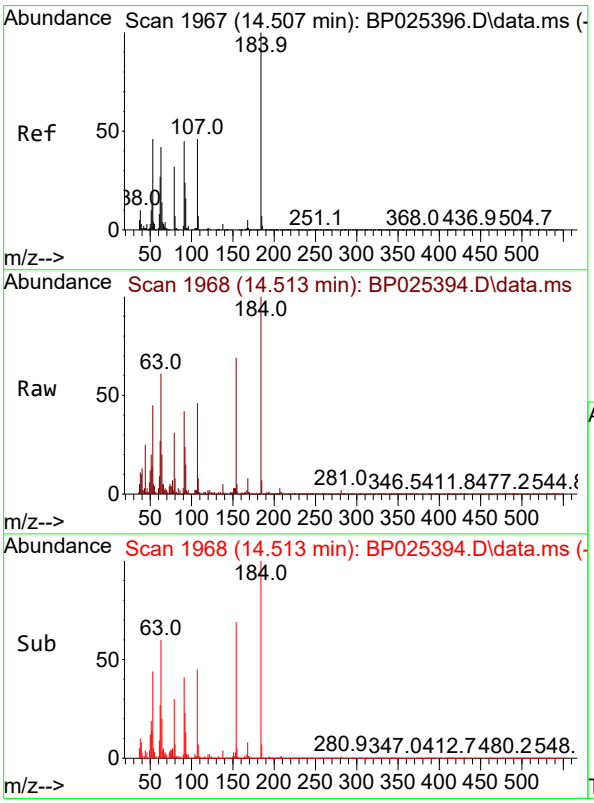
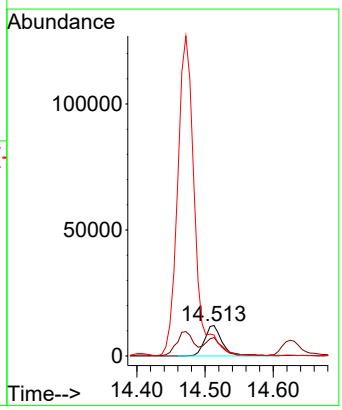


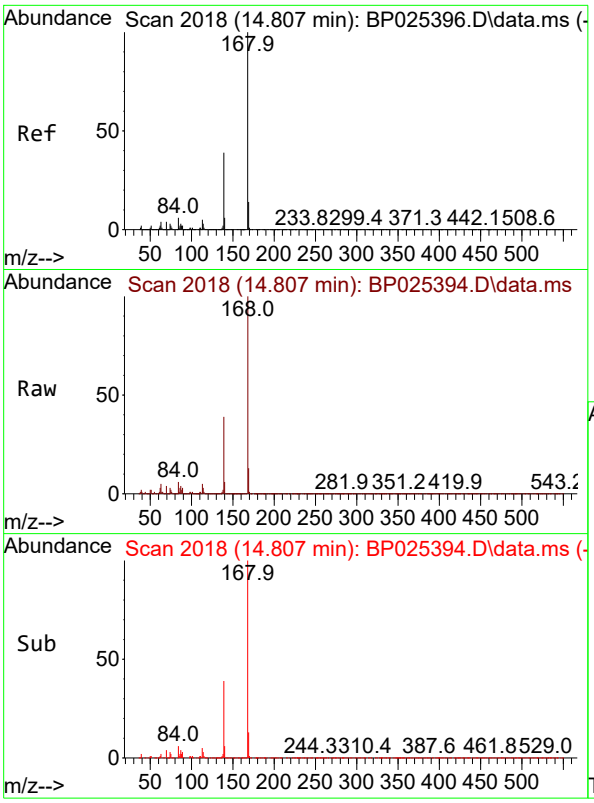


#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 21748

Ion	Ratio	Lower	Upper
184	100		
63	60.8	49.4	74.2
154	69.1	54.6	82.0

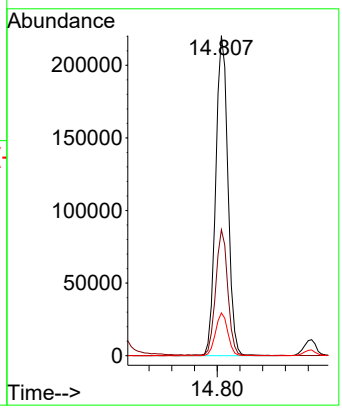




#55
Dibenzofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:168 Resp: 32773

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.5	47.3
169	13.4	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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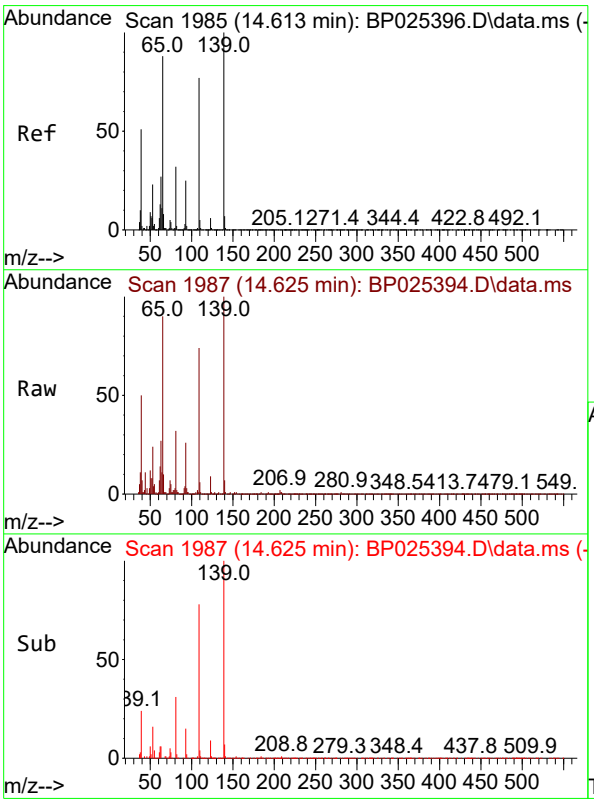
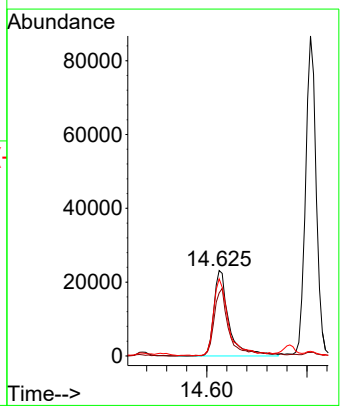
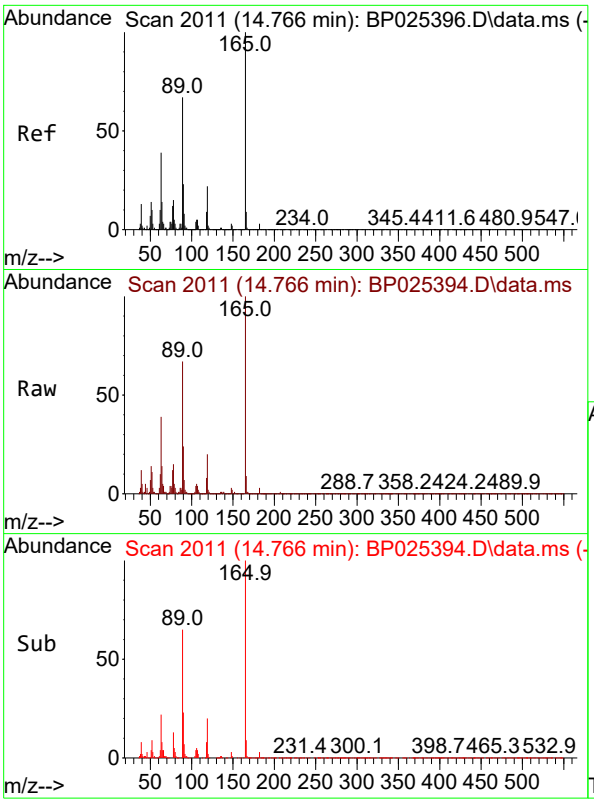


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 48103

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.6	96.6
65	90.2	68.2	108.2

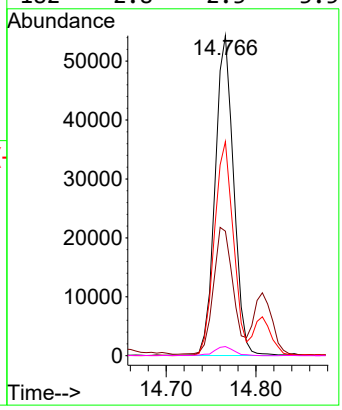




#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:165 Resp: 7795

Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.4	47.2
89	66.9	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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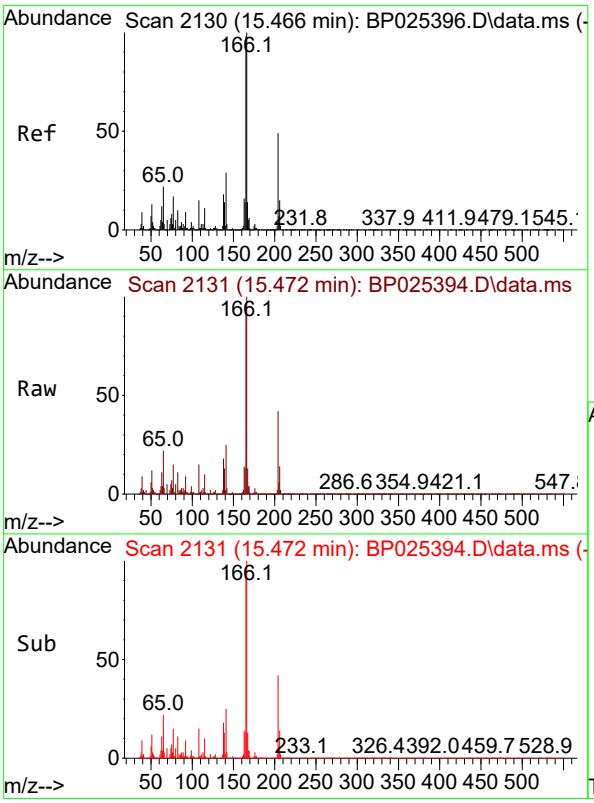
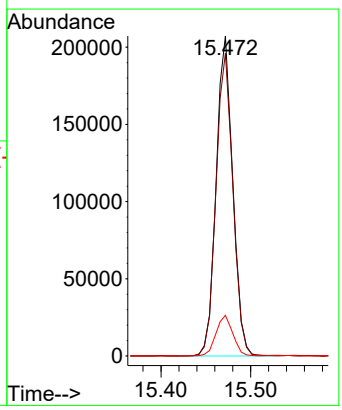
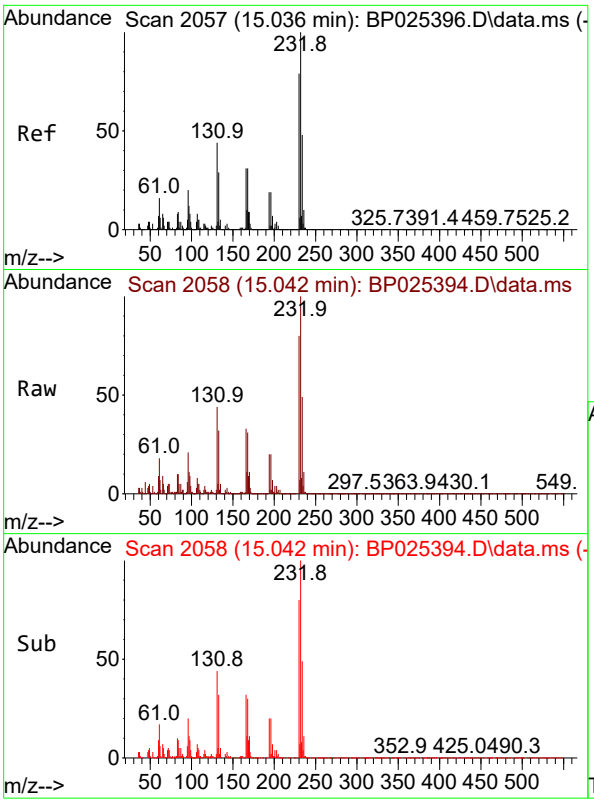


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:166 Resp: 266610

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.8	118.2
167	12.7	11.0	16.4

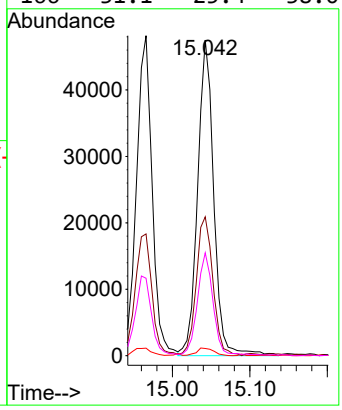




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:232 Resp: 6893

Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.0	55.6
130	2.5	1.9	2.9
166	31.1	25.4	38.0



Instrument :
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ClientSampleId :
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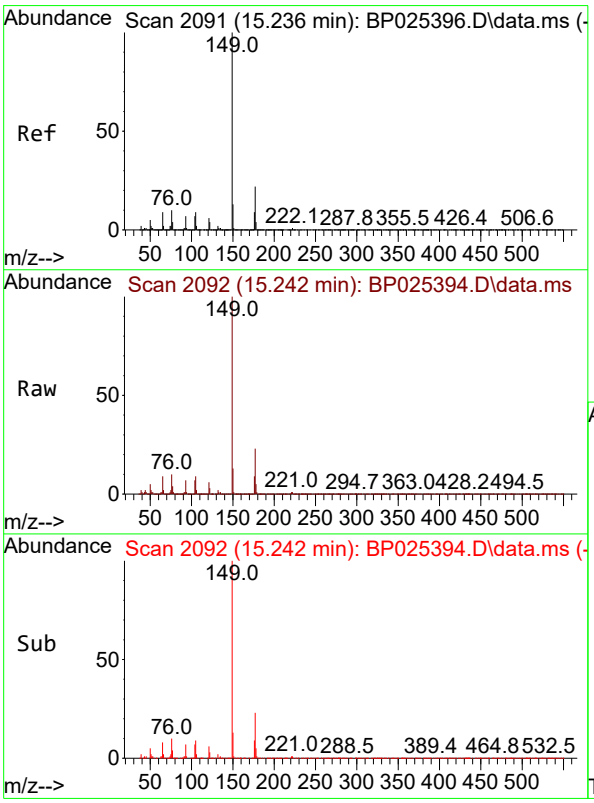
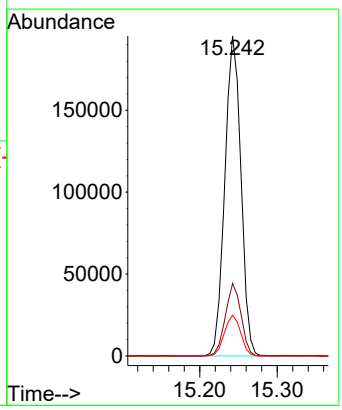
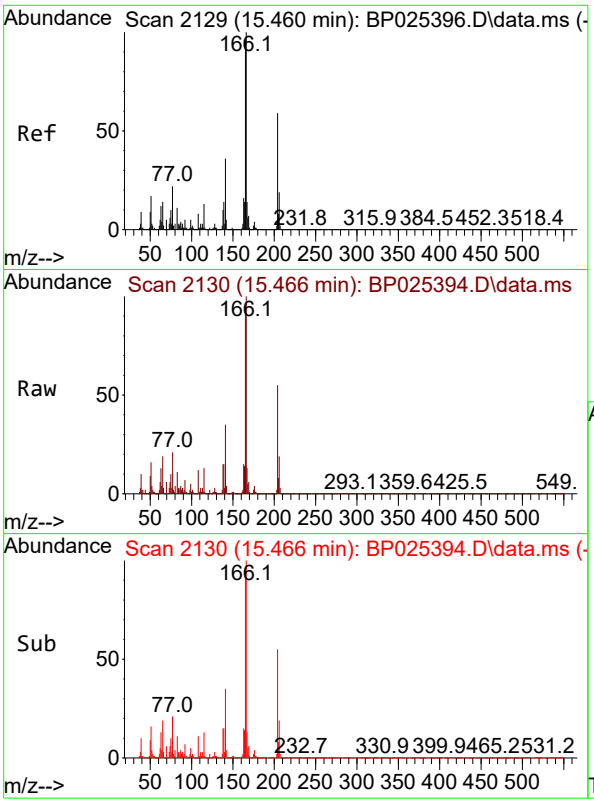


#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 282526

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.3	25.9
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 10.044 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:204 Resp: 13113

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	62.5	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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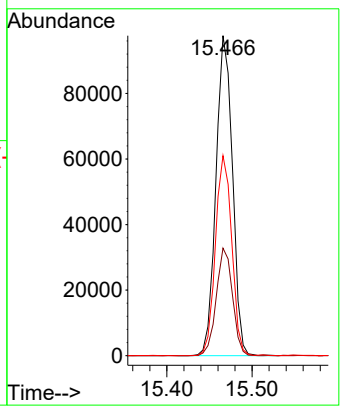
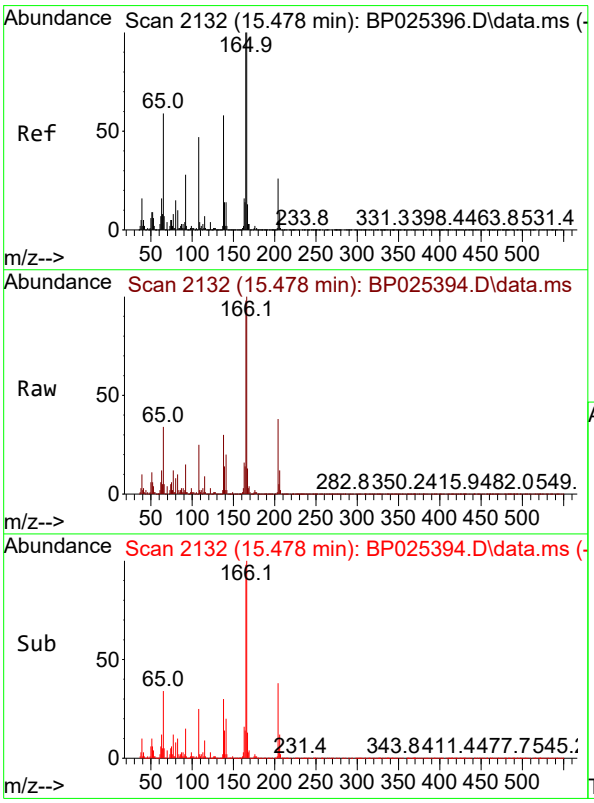
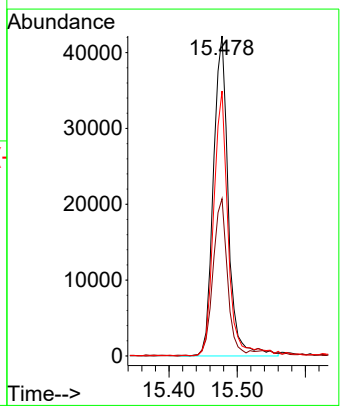


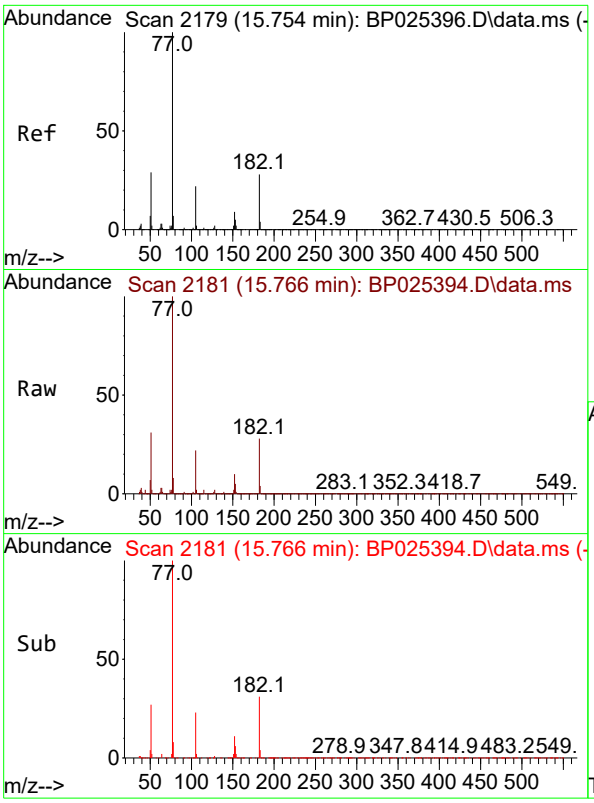


#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:138 Resp: 64375

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	82.8	61.5	101.5

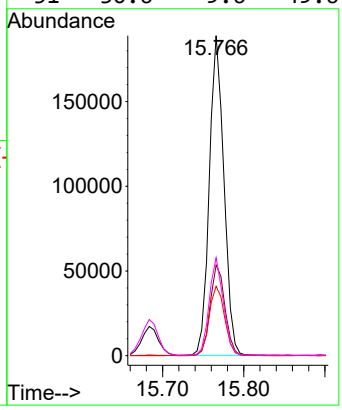




#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 77 Resp: 23487

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	21.7	2.1	42.1
51	30.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
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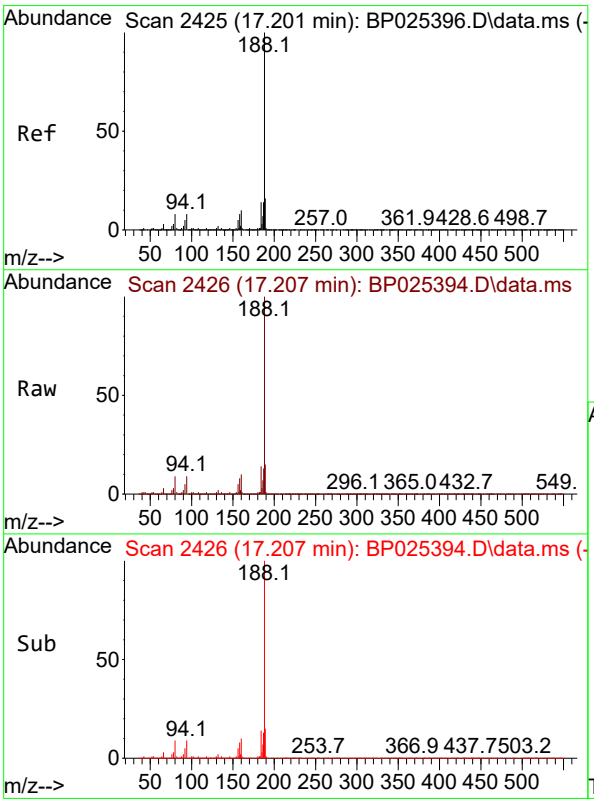
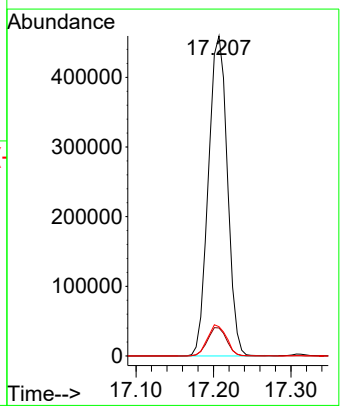
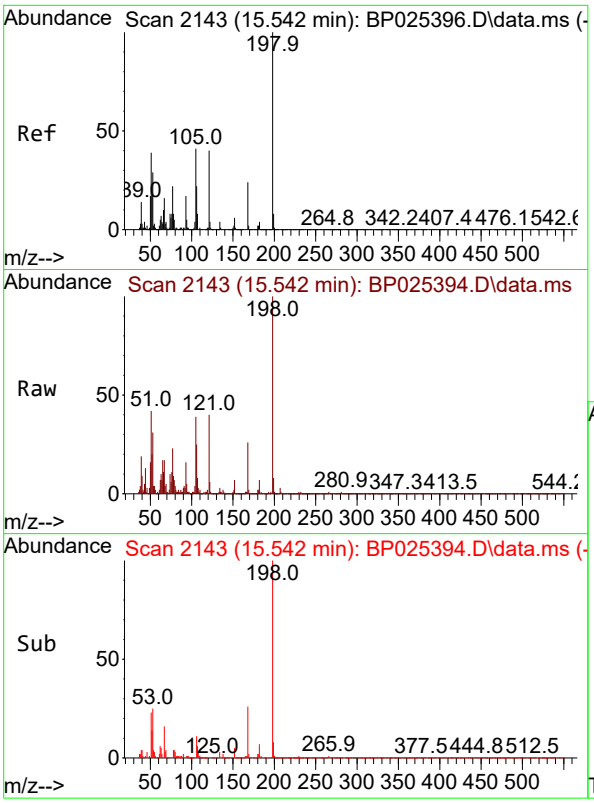


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:198 Resp: 3738

Ion	Ratio	Lower	Upper
198	100		
51	42.0	19.6	59.6
105	39.4	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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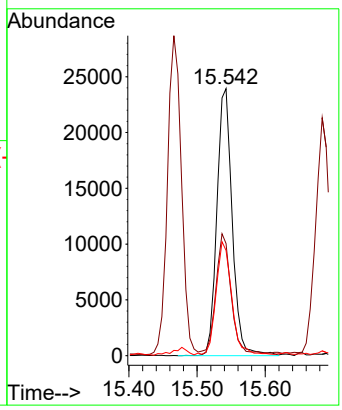
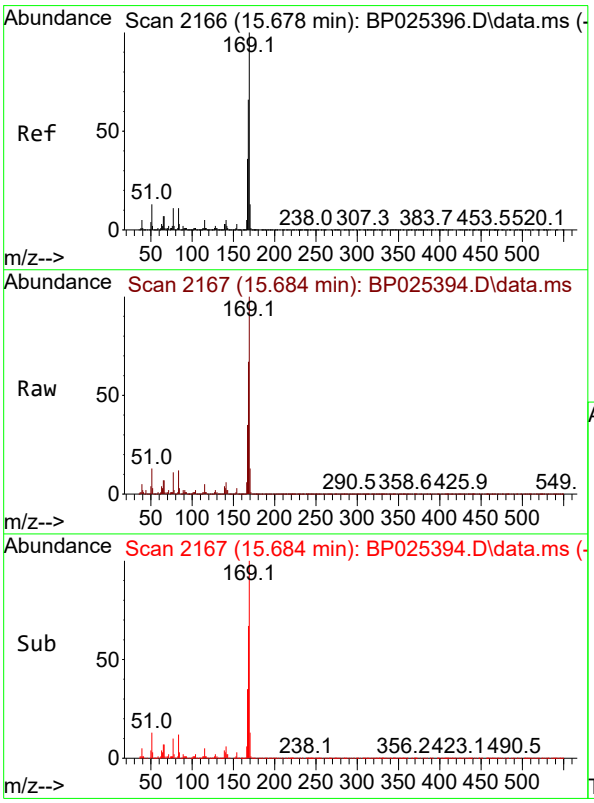
Supervised By :Jagrut Upadhyay 08/15/2025

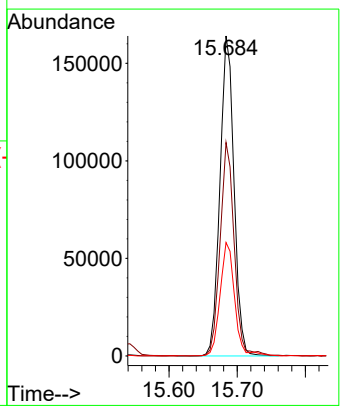


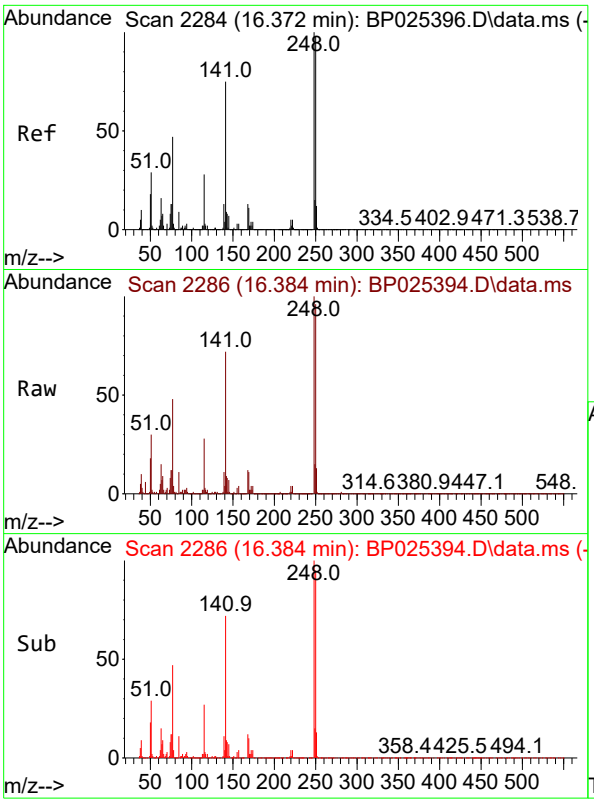


#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:169 Resp: 235344

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	35.5	28.7	43.1

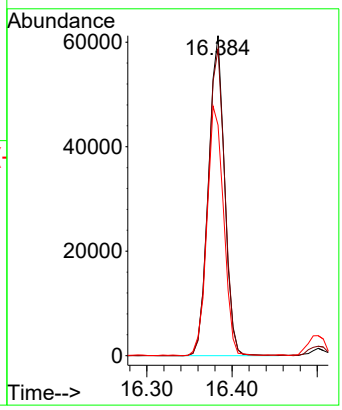




#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:248 Resp: 8037

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.2	117.2
141	72.1	59.6	89.4



Instrument :
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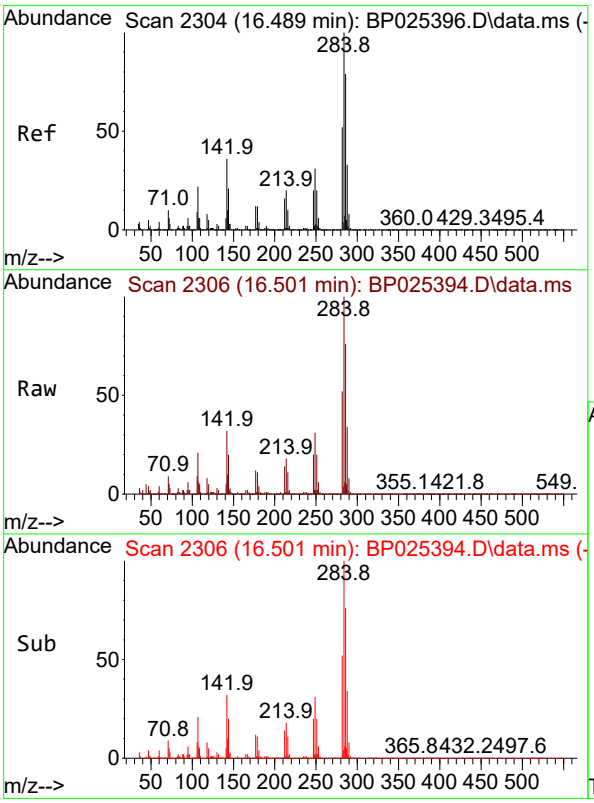
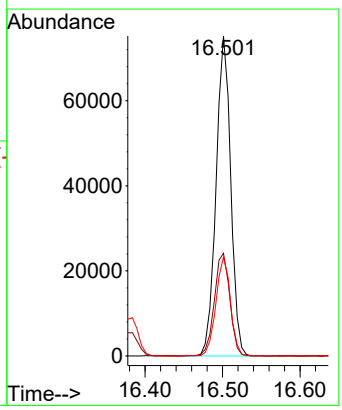
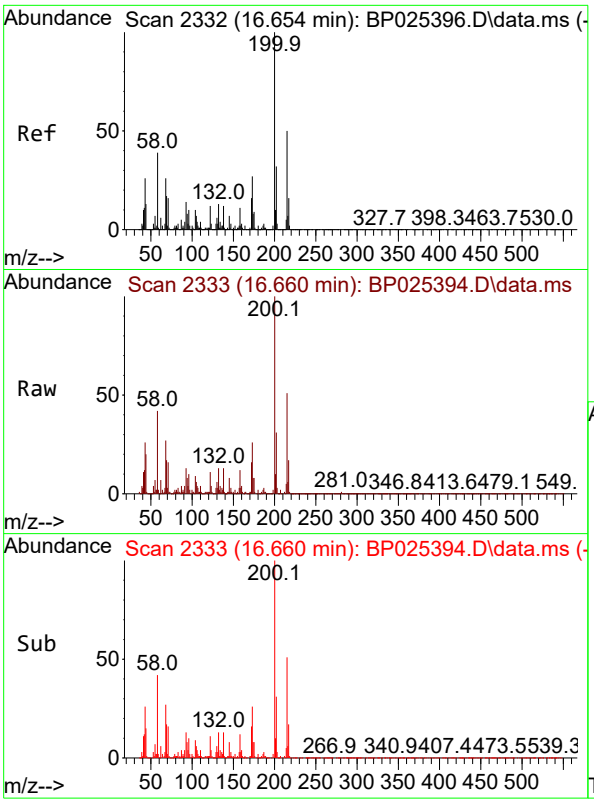


#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:284 Resp: 98614

Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.1	43.7
249	30.8	25.0	37.4

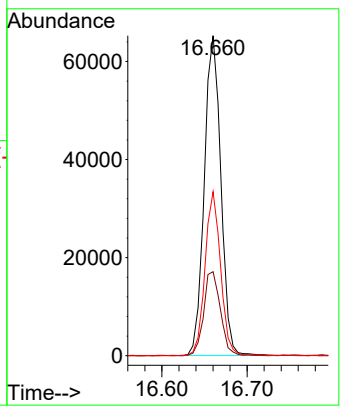




#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:200 Resp: 8824

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.7	46.7
215	51.3	29.7	69.7



Instrument :
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ClientSampleId :
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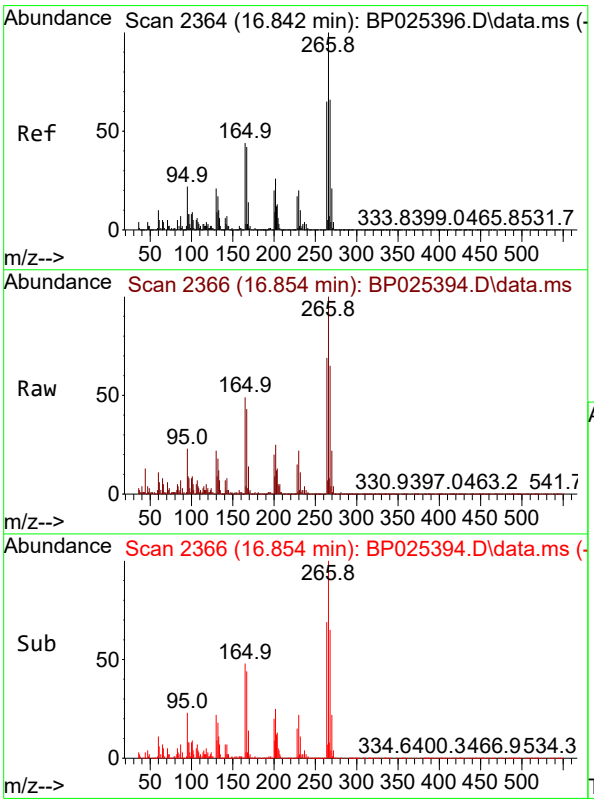
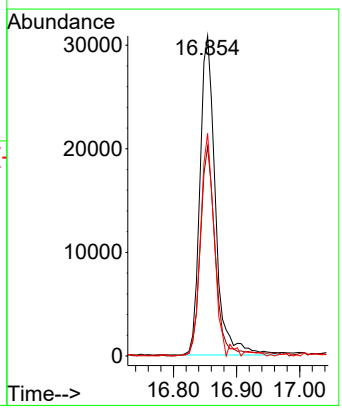
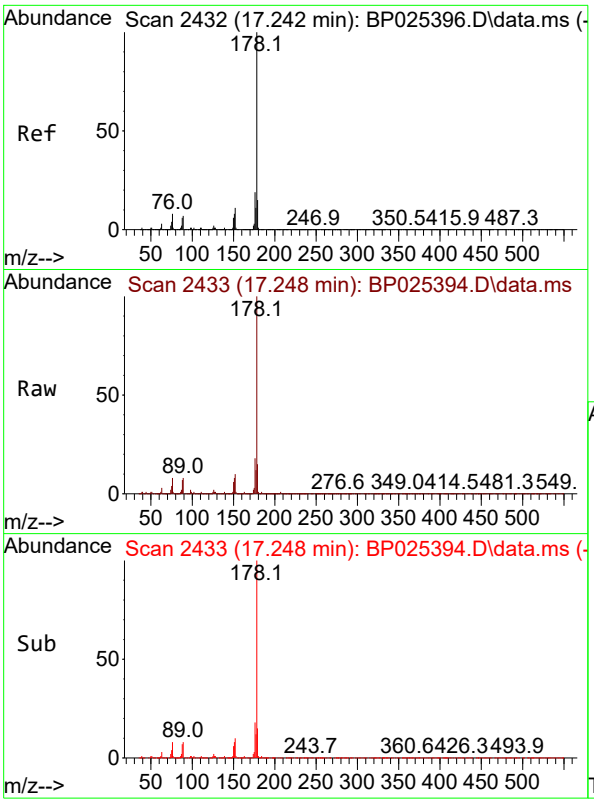


#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:266 Resp: 52539

Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.6	79.0
264	69.5	52.0	78.0

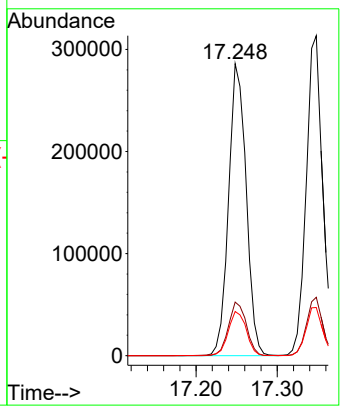




#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 42975

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.1	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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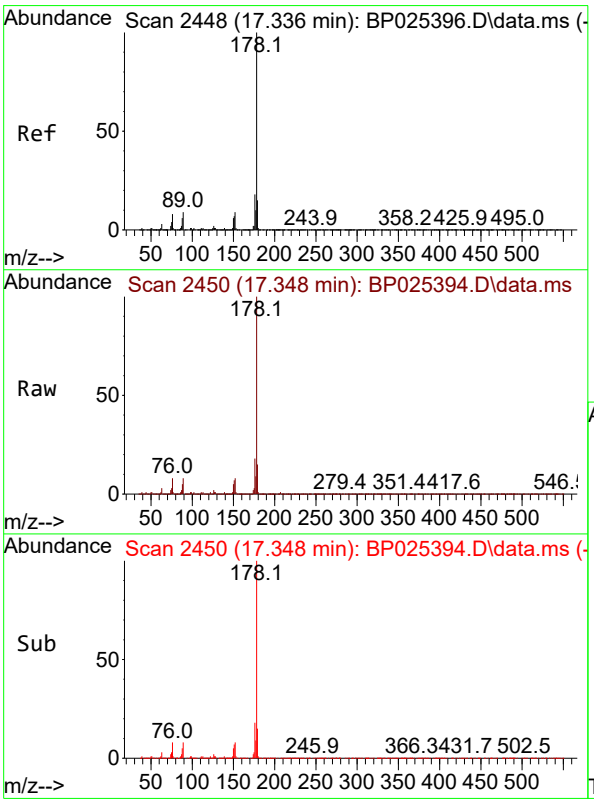
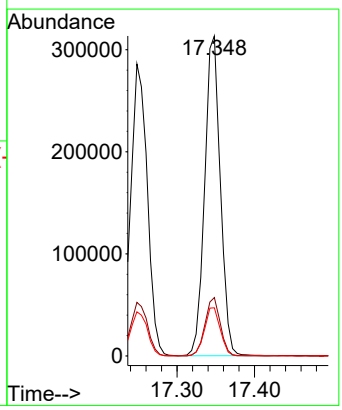
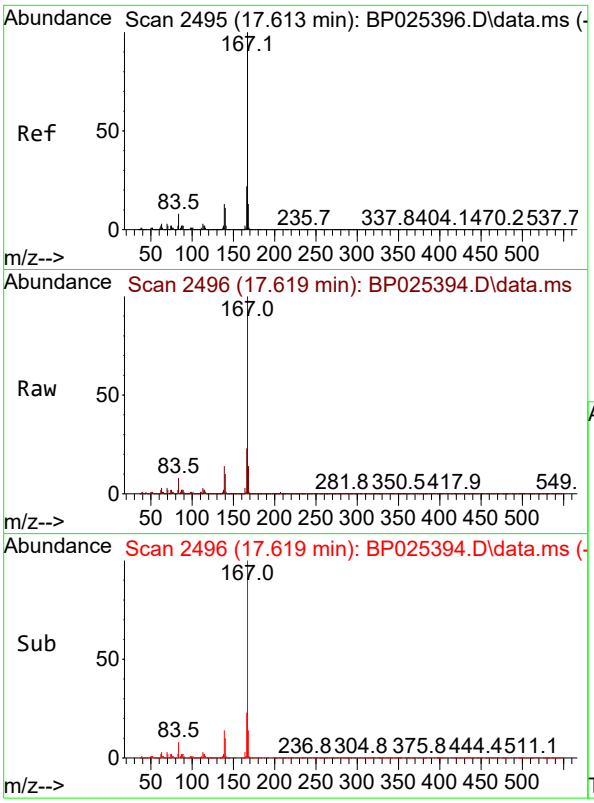


#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:178 Resp: 438953

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.1	12.2	18.2

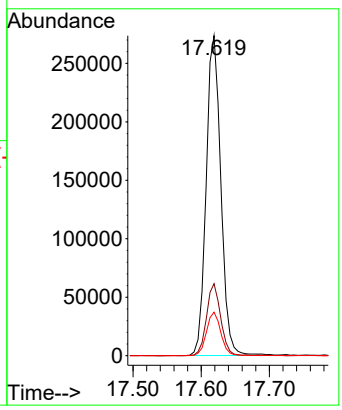




#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:167 Resp: 41072

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	13.6	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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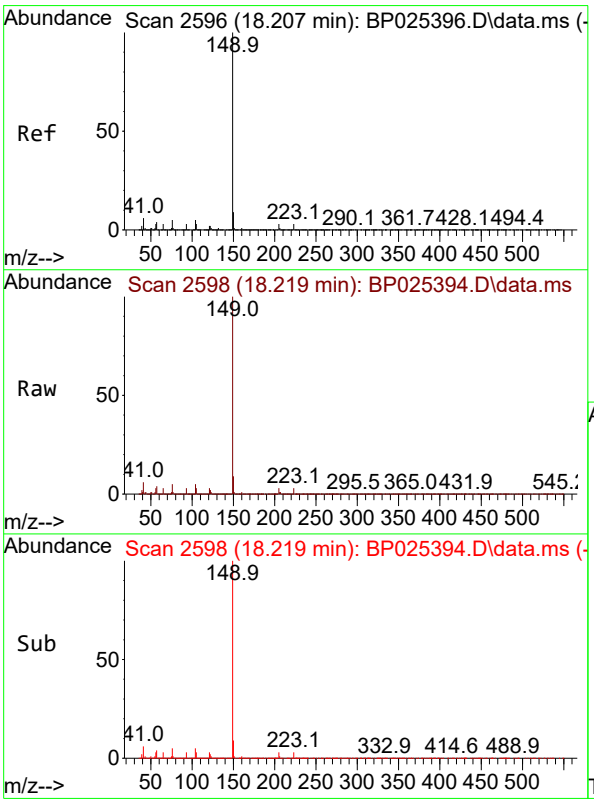
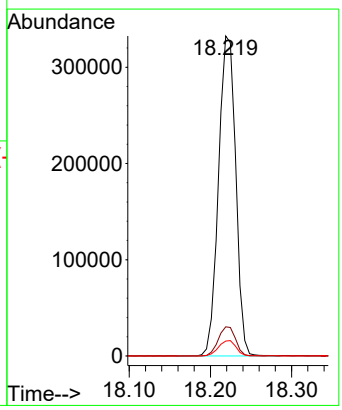
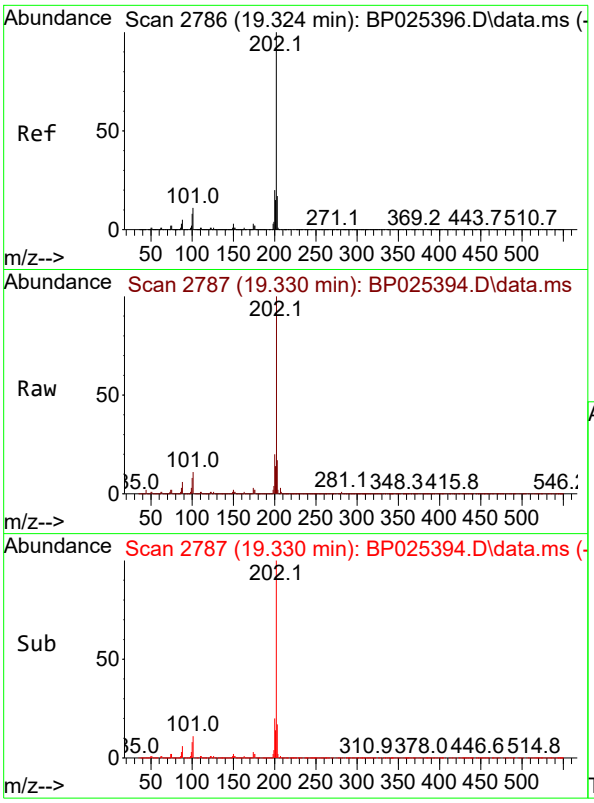


#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 490232

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	4.2	6.2

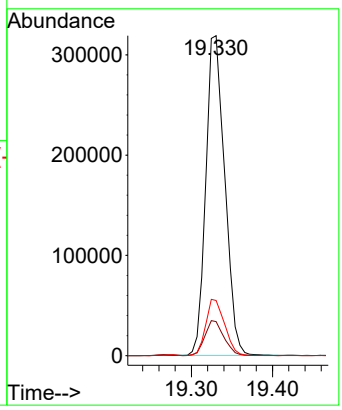




#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 51652

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.2	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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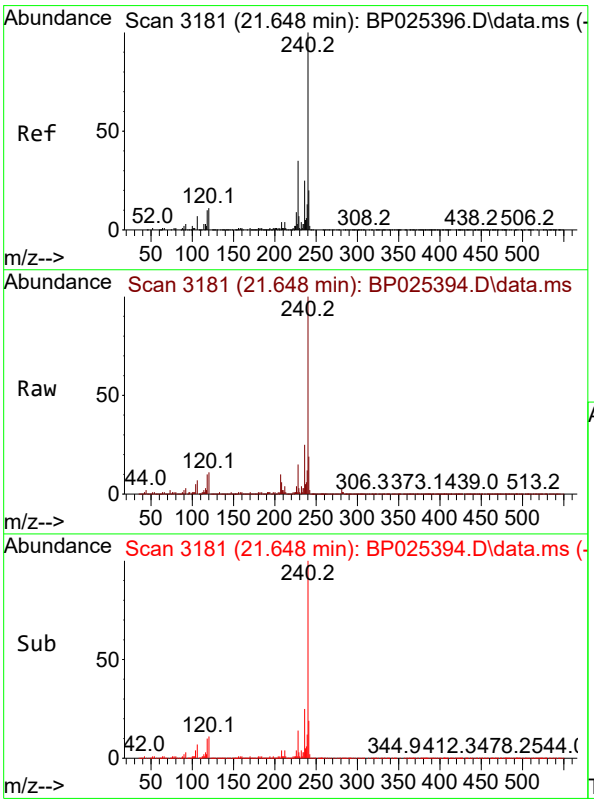
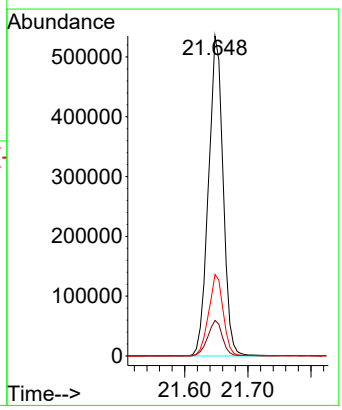
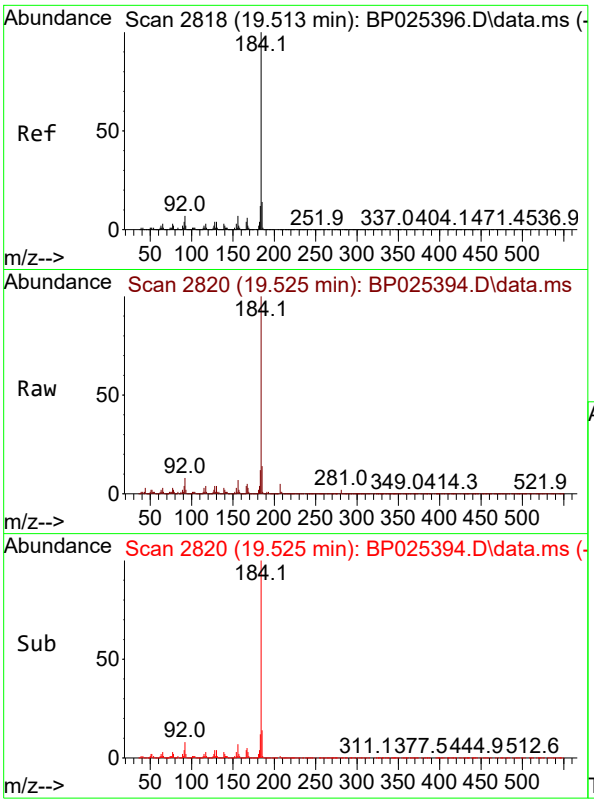


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:240 Resp: 860386

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.5	19.8	29.8

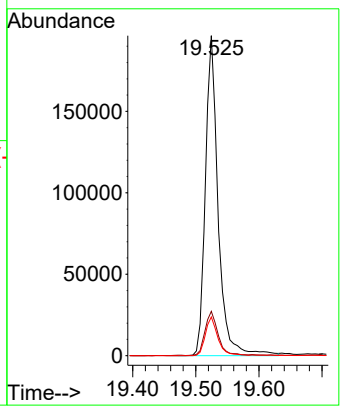




#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:184 Resp: 27619

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
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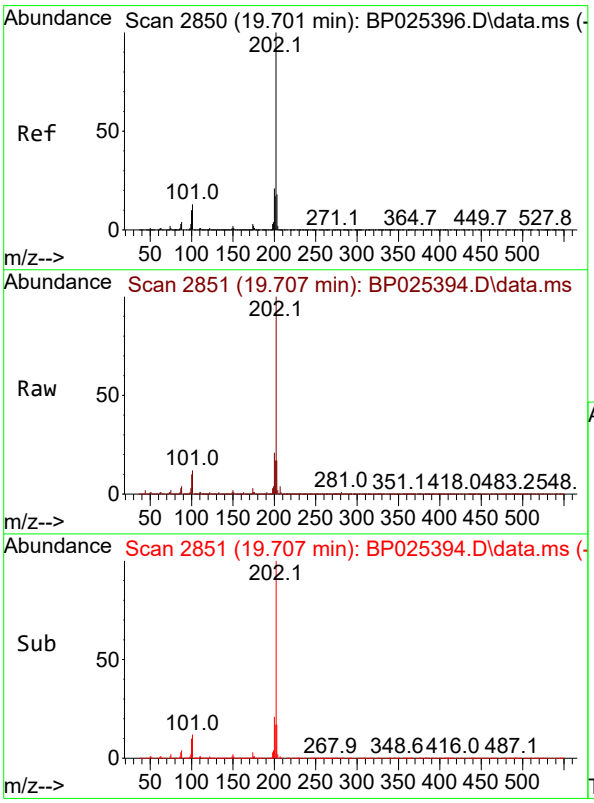
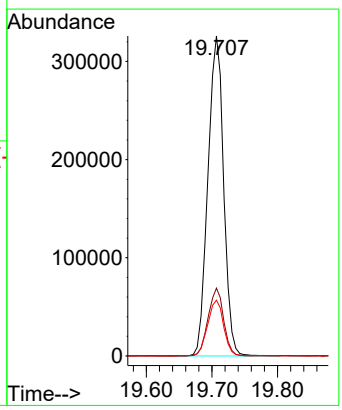
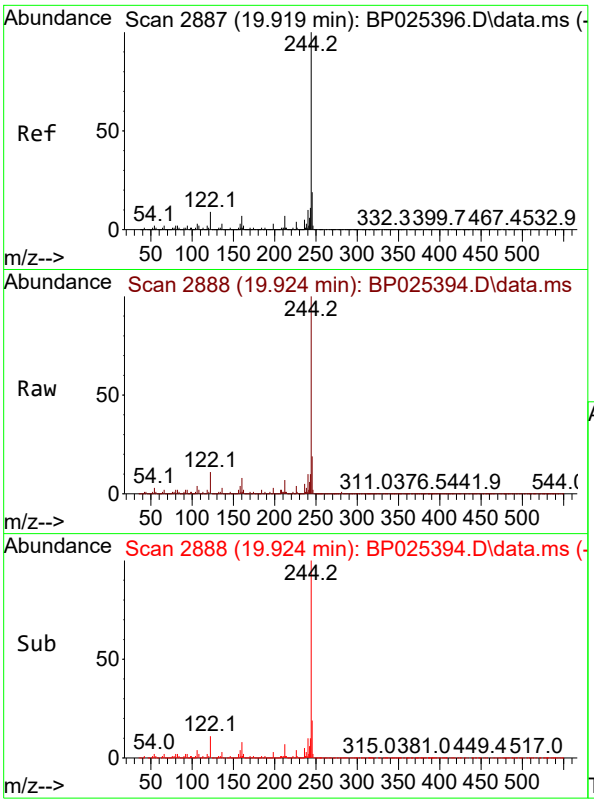


#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.2	21.2

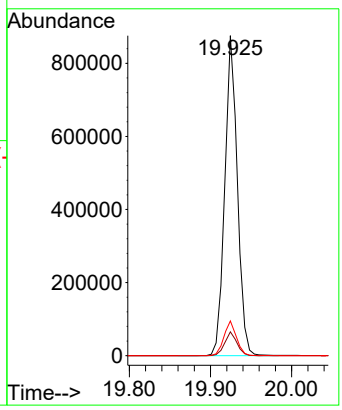




#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:244 Resp: 94642

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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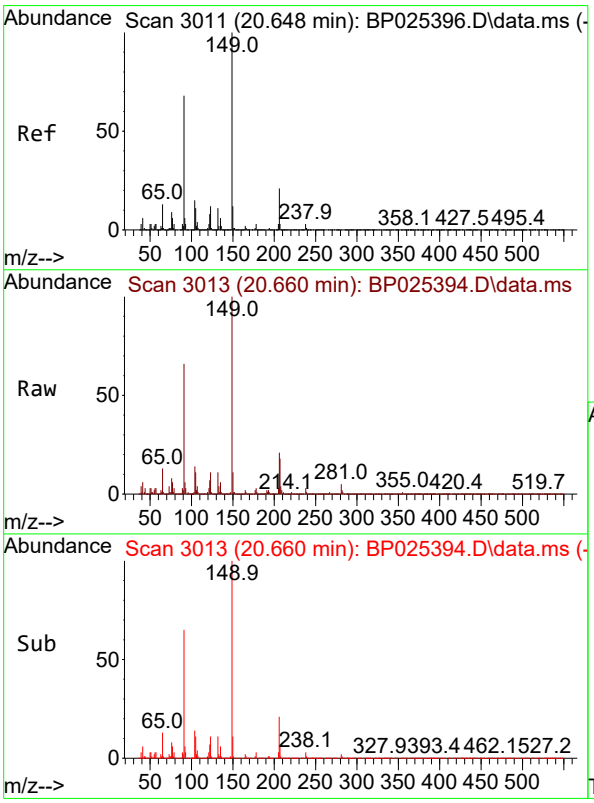
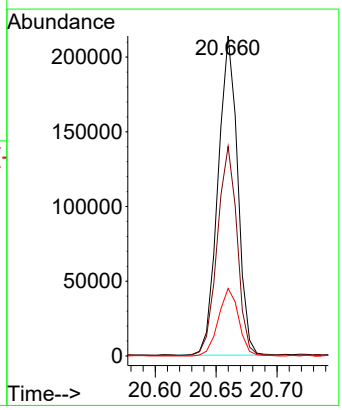
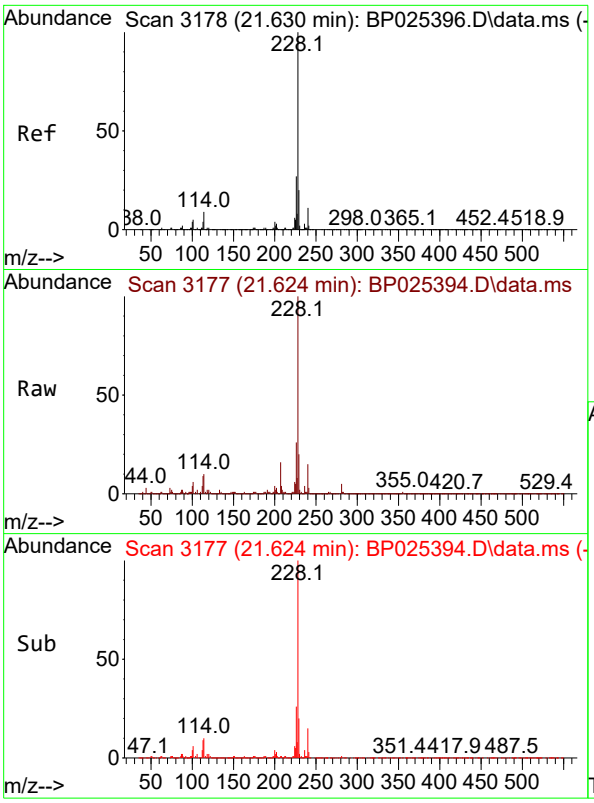


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 239416

Ion	Ratio	Lower	Upper
149	100		
91	65.5	54.2	81.2
206	21.1	16.6	24.8

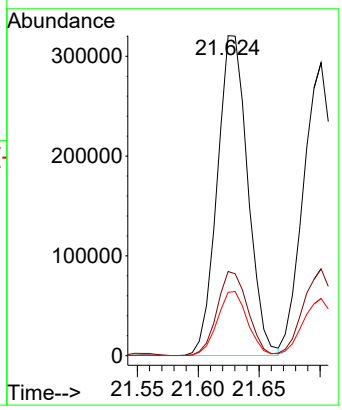




#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 56027

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	19.8	15.6	23.4



Instrument :
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ClientSampleId :
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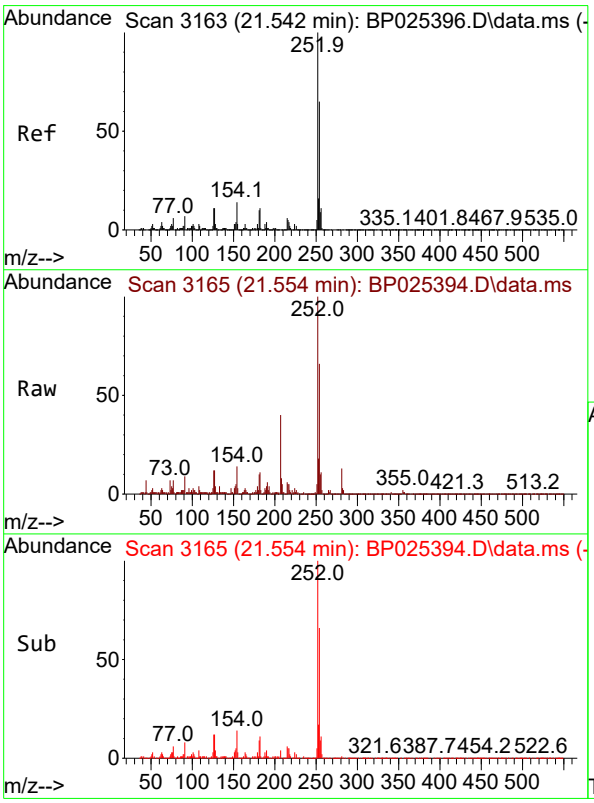
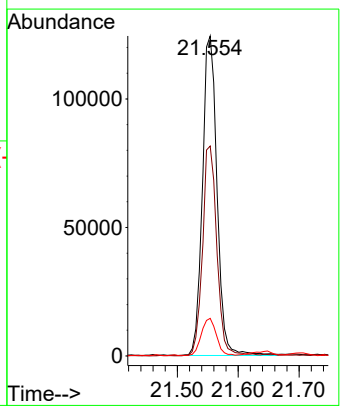
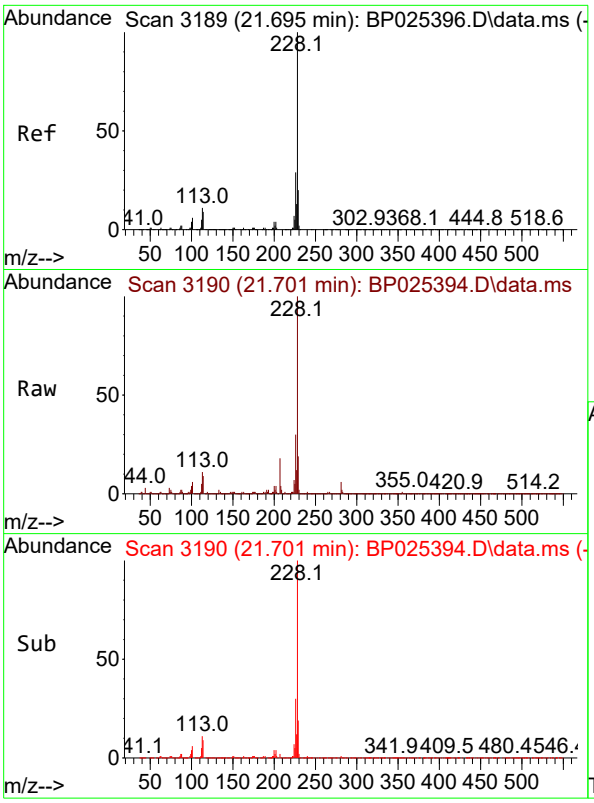


#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 207153

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.8	77.6
126	11.7	9.1	13.7

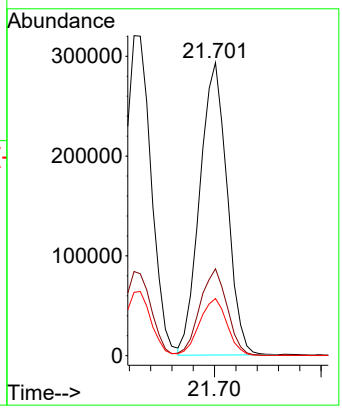




#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:228 Resp: 52241

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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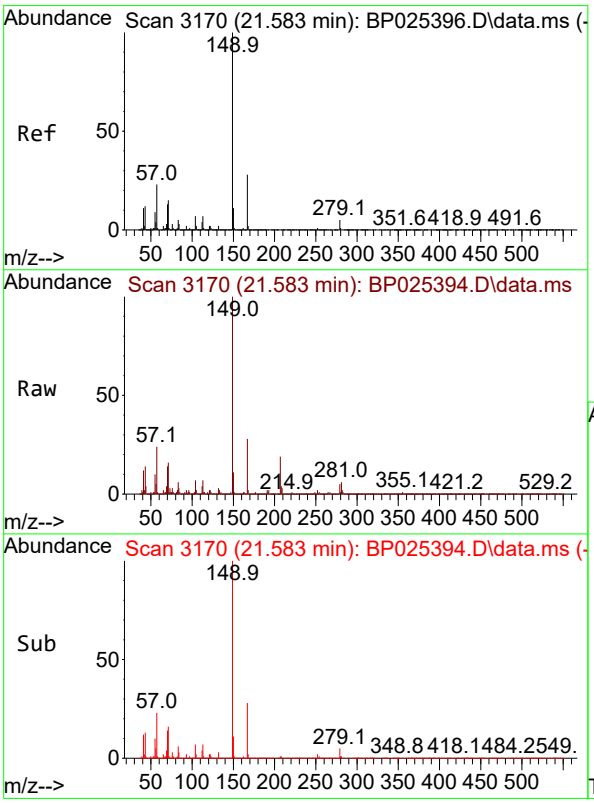
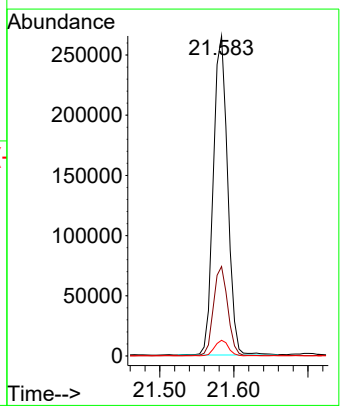
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

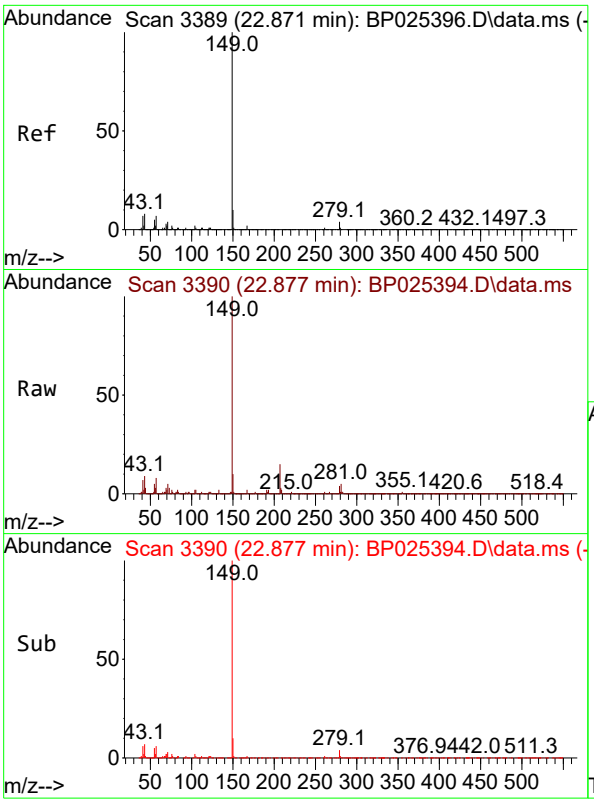


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 355530

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.9	3.8	5.6

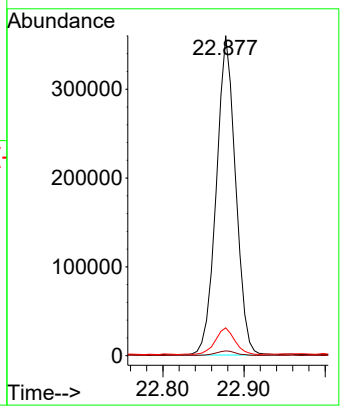




#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 59419

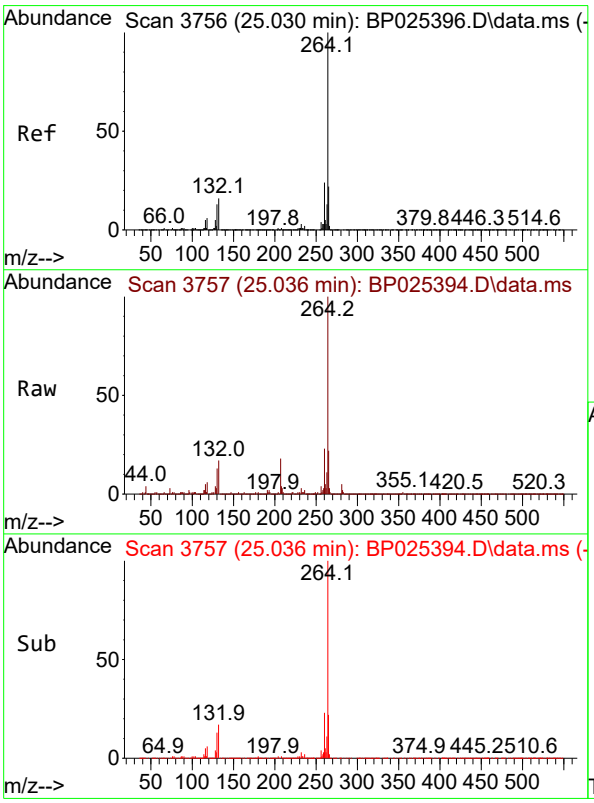
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

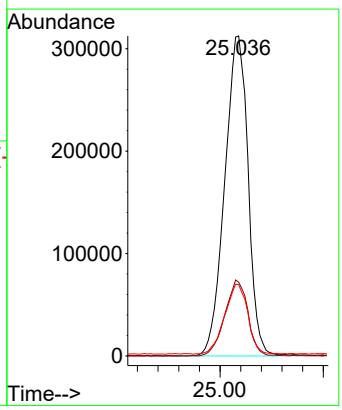
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

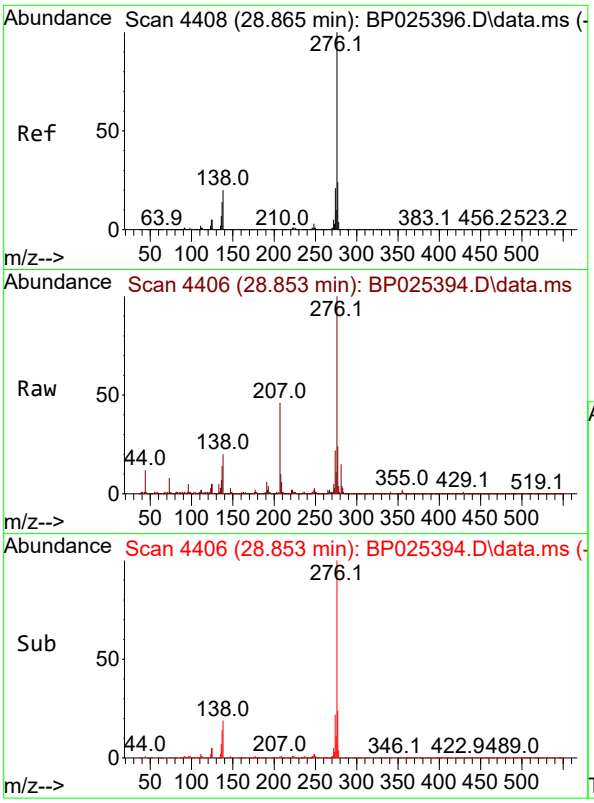


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:264 Resp: 980670

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.3	17.4	26.0

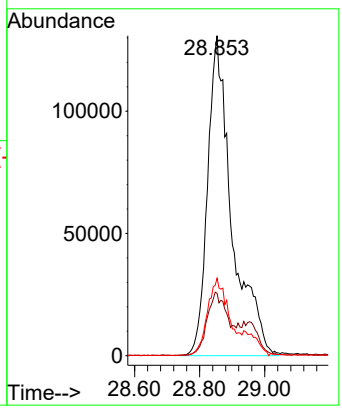




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 67898

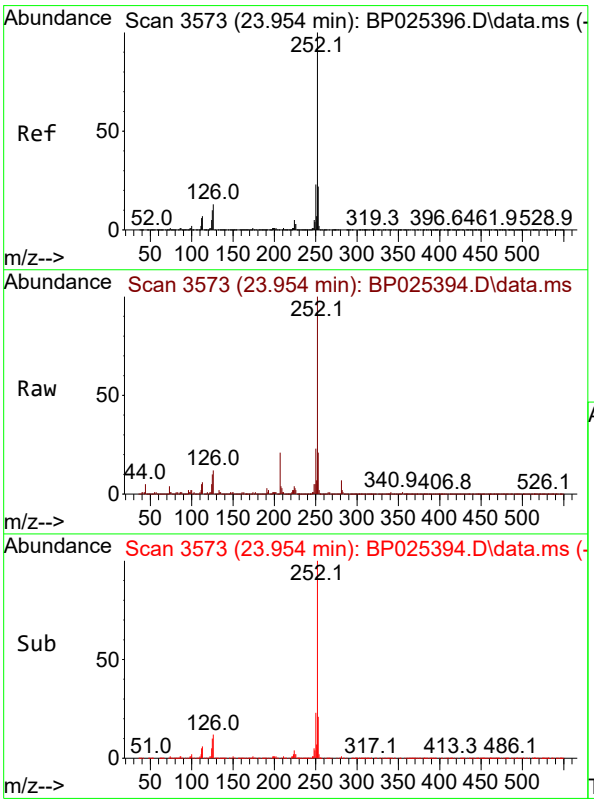
Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.9	19.3
277	21.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

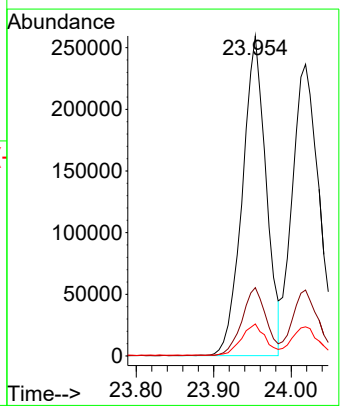
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

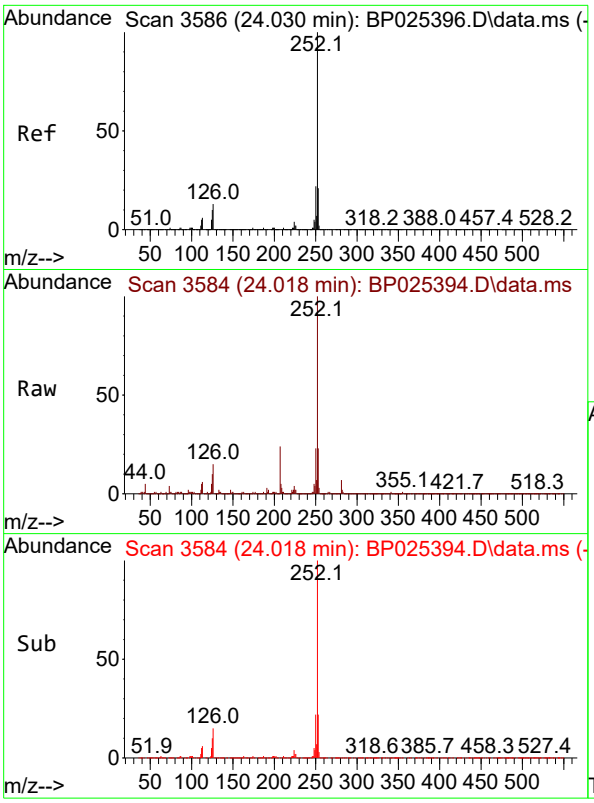


#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 552191

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.0	7.9	11.9

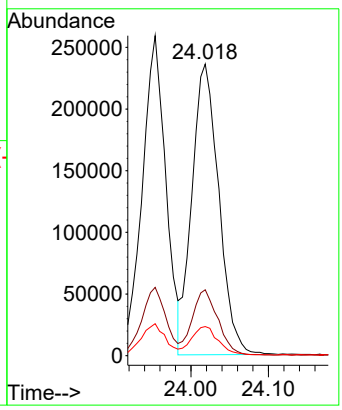




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 56708

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.0	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
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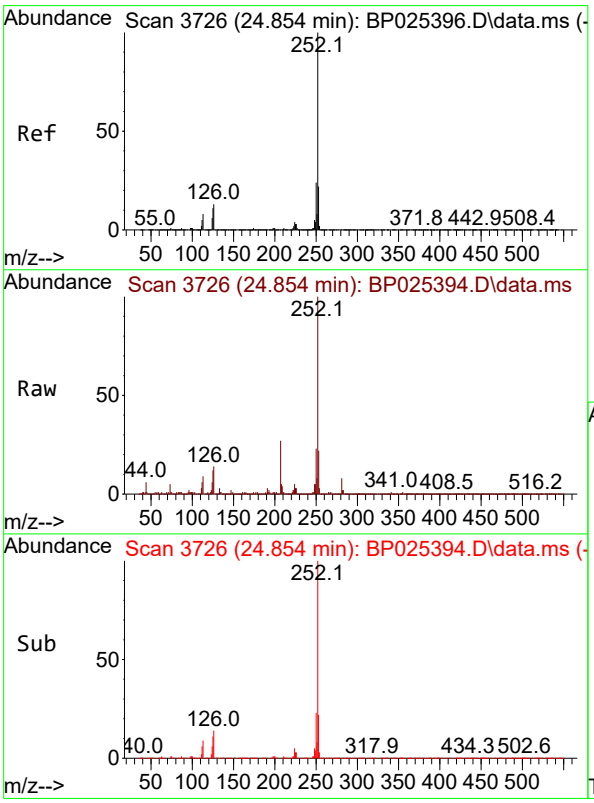
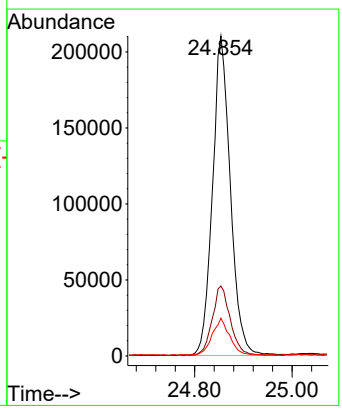
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

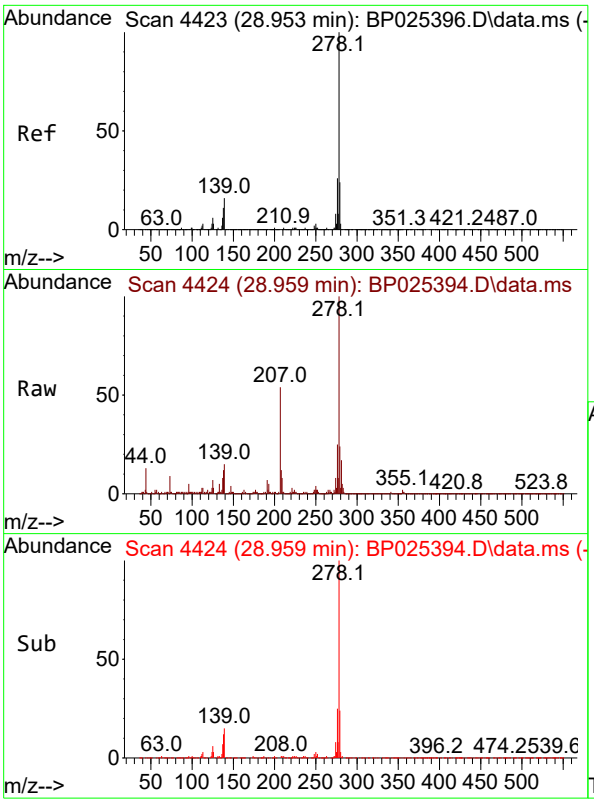


#90
Benzo(a)pyrene
Concen: 9.519 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:252 Resp: 535820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.8	8.7	13.1

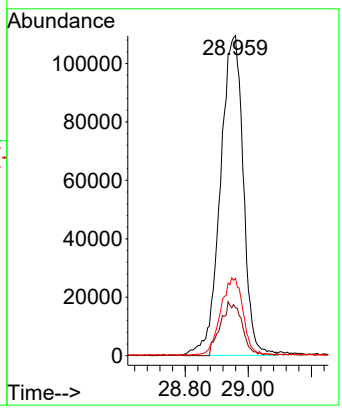




#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 44
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:278 Resp: 55169

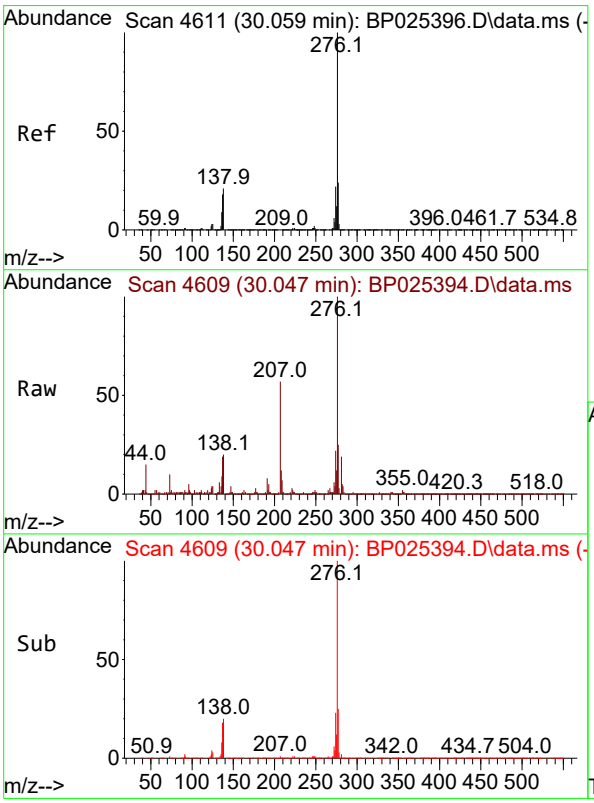
Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	24.2	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

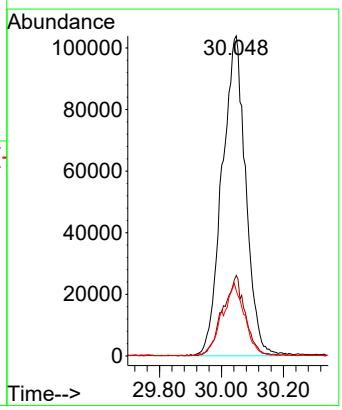
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:276 Resp: 548117

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng		0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng		0.00
86) Perylene-d12	25.036	264	958651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	338568	39.674	ng		0.00
7) Phenol-d6	6.966	99	434388	39.702	ng		0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng		0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng		99
3) Pyridine	3.731	79	177948	19.450	ng		98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	#	96
6) Aniline	7.125	93	287645	19.513	ng		99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng		99
9) Benzaldehyde	6.937	77	135464	17.672	ng		99
10) Phenol	6.990	94	228580	19.910	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng		98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng		99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng		99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng		99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng		99
17) 2-Methylphenol	8.225	107	159119	19.956	ng		98
18) Hexachloroethane	8.866	117	78205	19.597	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng		97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng		98
22) Acetophenone	8.596	105	305812	20.196	ng		99
24) Nitrobenzene	8.972	77	210234	19.708	ng		100
25) Isophorone	9.496	82	422370	19.995	ng		99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng		98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng		99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng		98
31) Naphthalene	10.613	128	625899	19.944	ng		99
32) Benzoic acid	9.843	122	124836m	18.004	ng		
33) 4-Chloroaniline	10.713	127	270158	19.489	ng		99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng		99
35) Caprolactam	11.484	113	66168	19.294	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng		97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng		99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng		99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

ICAL Form

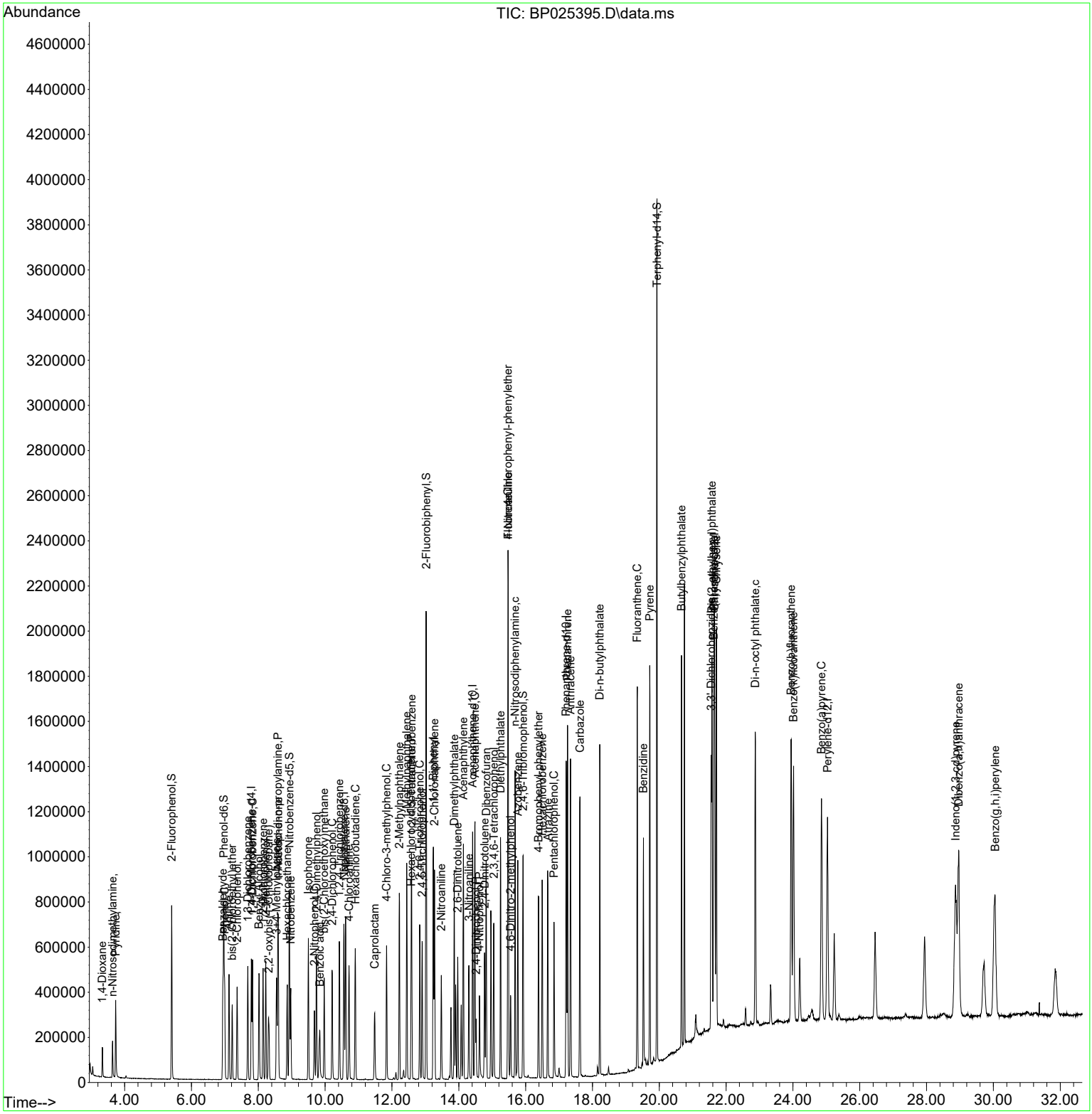
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

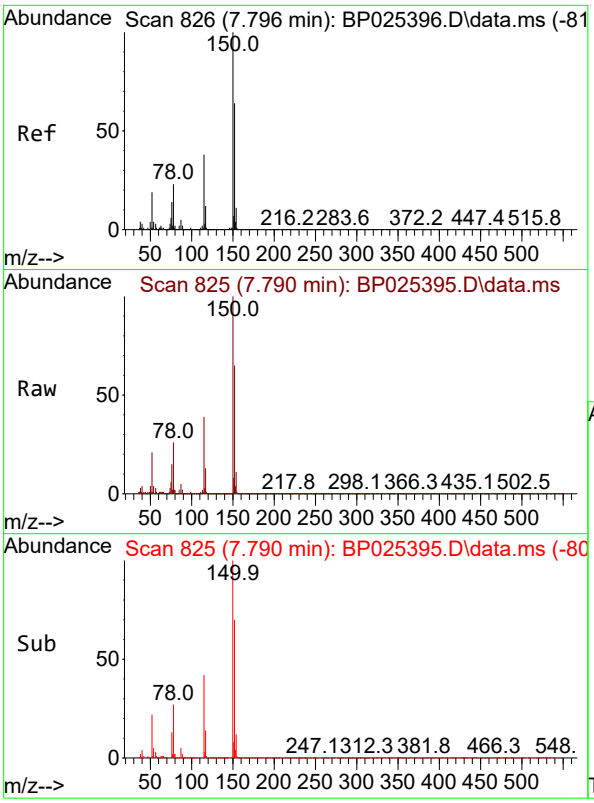
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

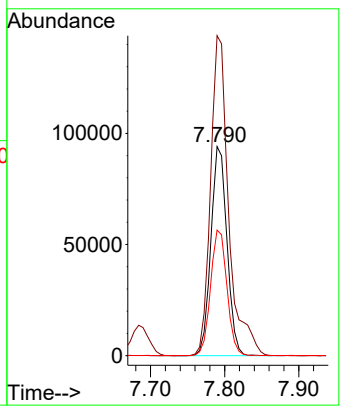




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 14172

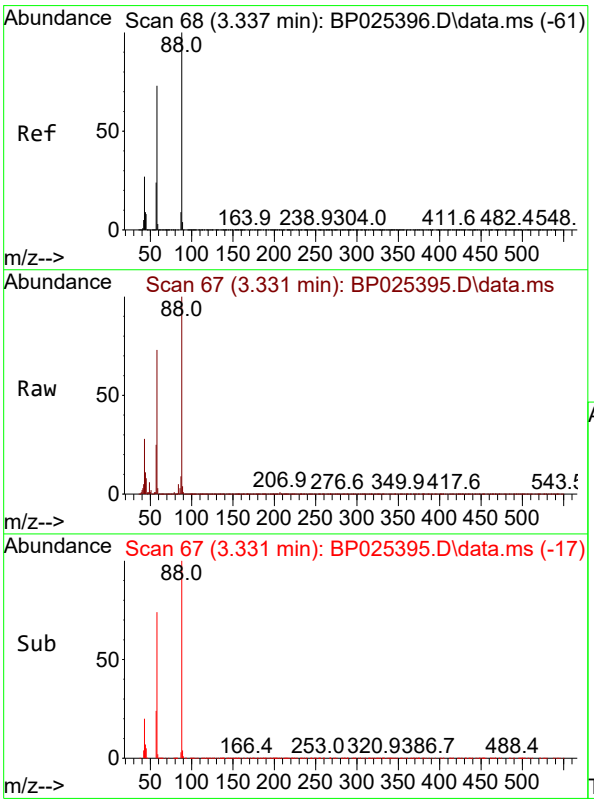
Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	60.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

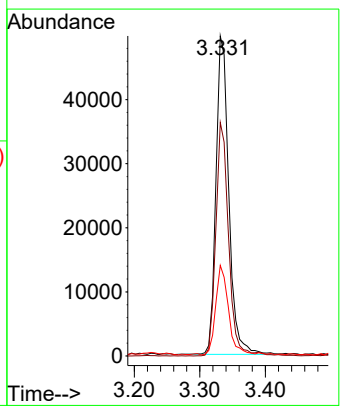
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

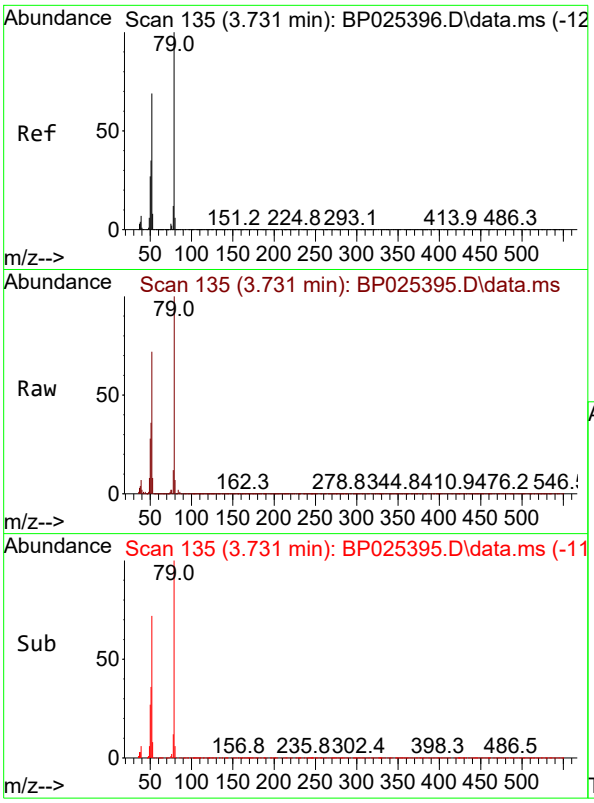


#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276

Ion	Ratio	Lower	Upper
88	100		
58	73.2	59.2	88.8
43	27.9	21.7	32.5

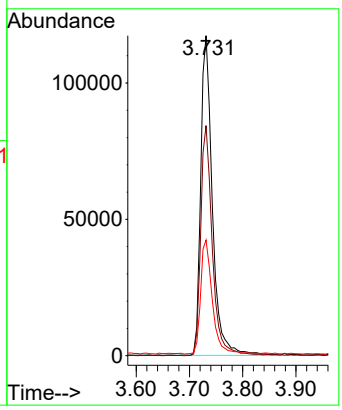




#3
Pyridine
Concen: 19.450 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17794

Ion	Ratio	Lower	Upper
79	100		
52	71.9	55.5	83.3
51	36.1	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
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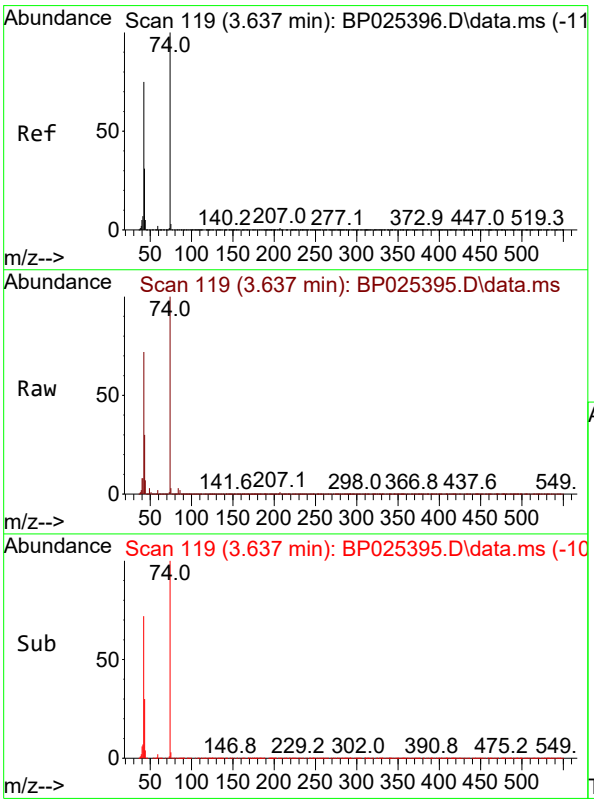
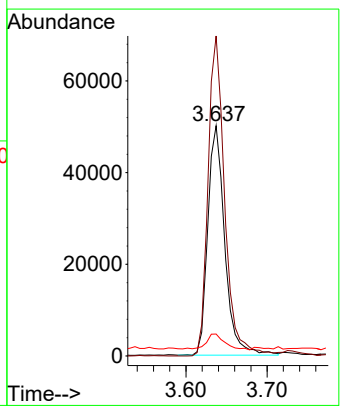
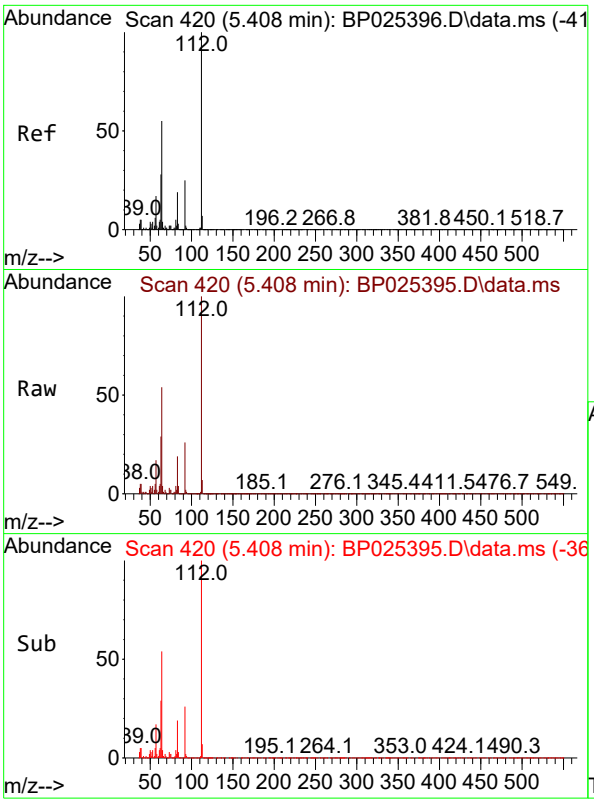


#4
n-Nitrosodimethylamine
Concen: 19.255 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 42 Resp: 72627

Ion	Ratio	Lower	Upper
42	100		
74	138.9	107.0	160.4
44	9.5	6.2	9.4#

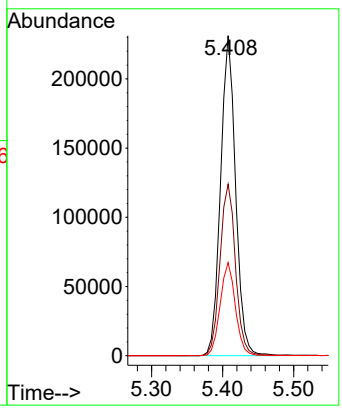




#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:112 Resp: 33856

Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.8	65.8
63	29.1	22.7	34.1



Instrument :
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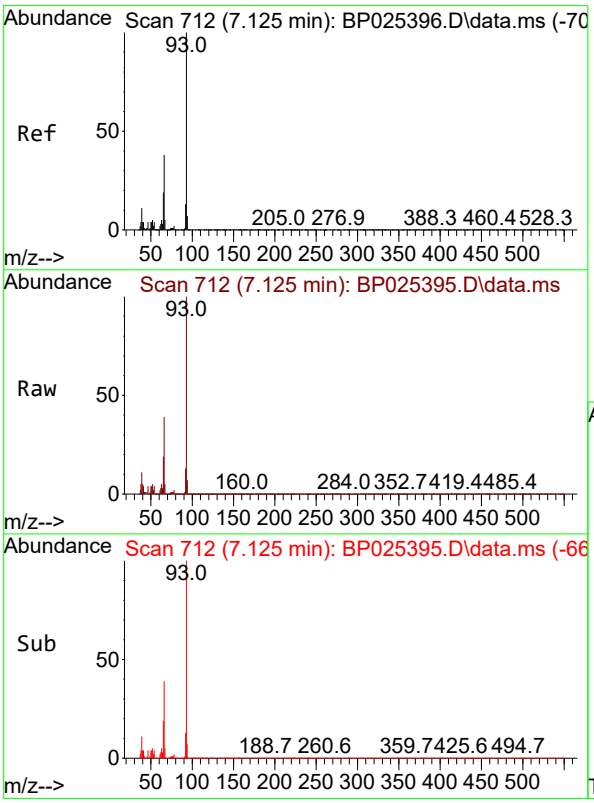
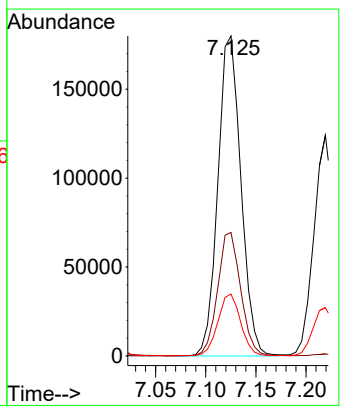
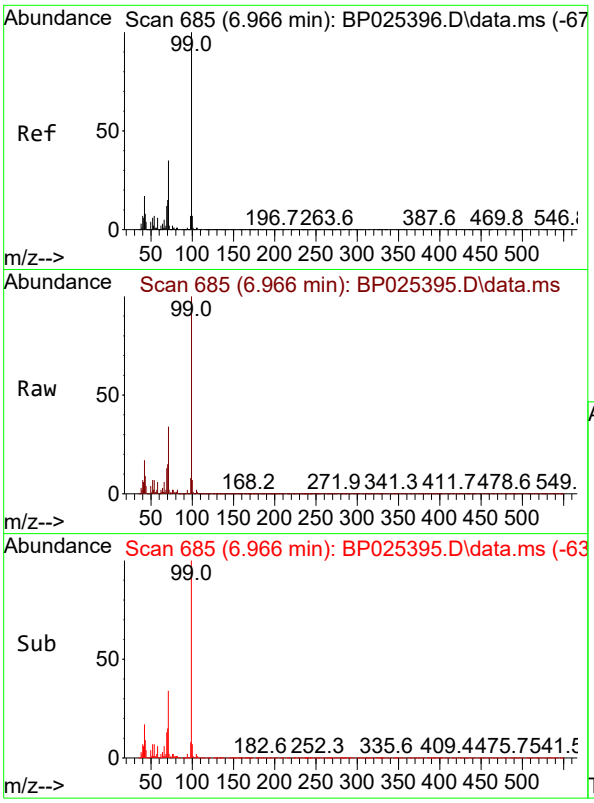


#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 287645

Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.4	45.6
65	19.4	15.3	22.9

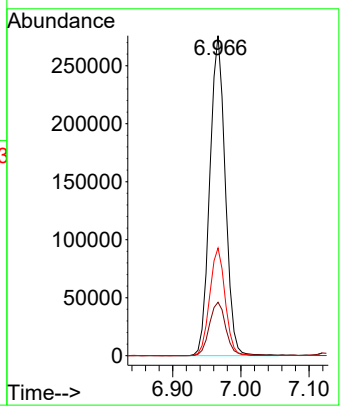




#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 99 Resp: 43438

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	33.7	28.2	42.4



Instrument :
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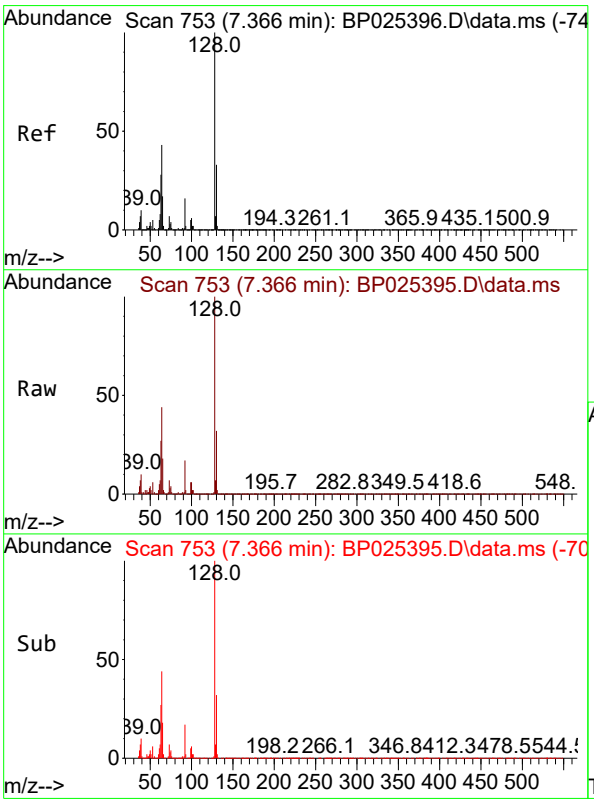
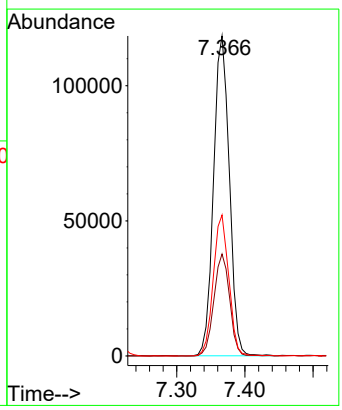
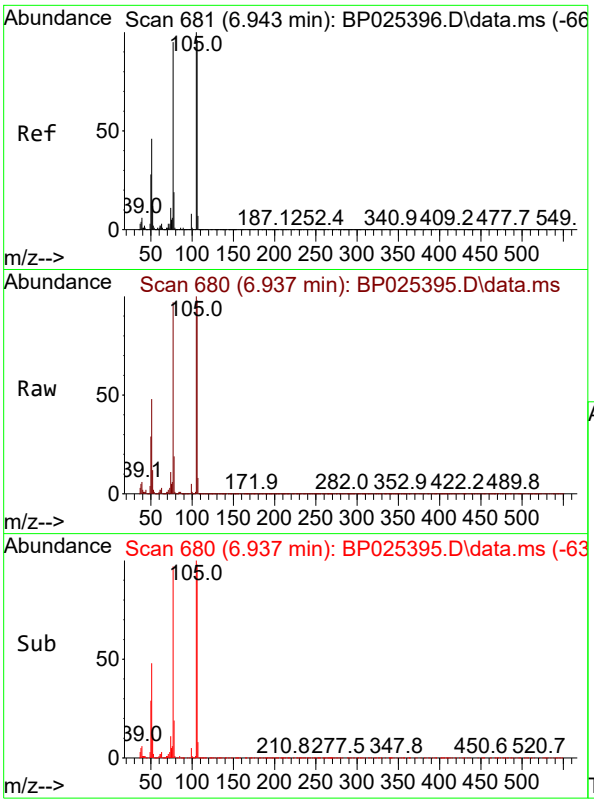


#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 190858

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	44.0	23.4	63.4

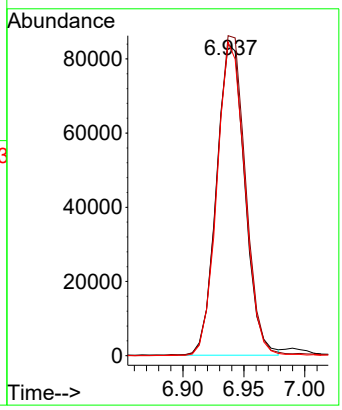




#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 13546

Ion	Ratio	Lower	Upper
77	100		
105	102.7	84.8	124.8
106	100.6	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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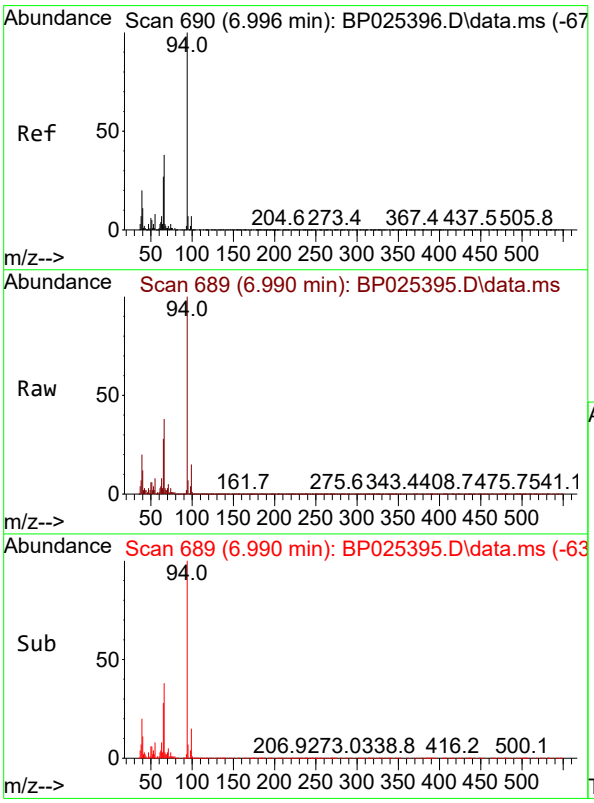
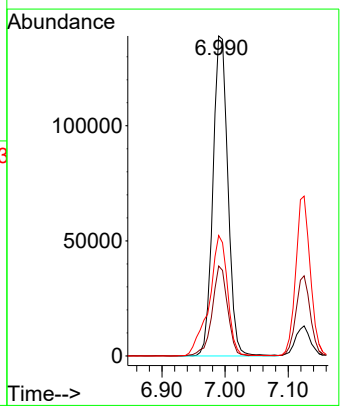
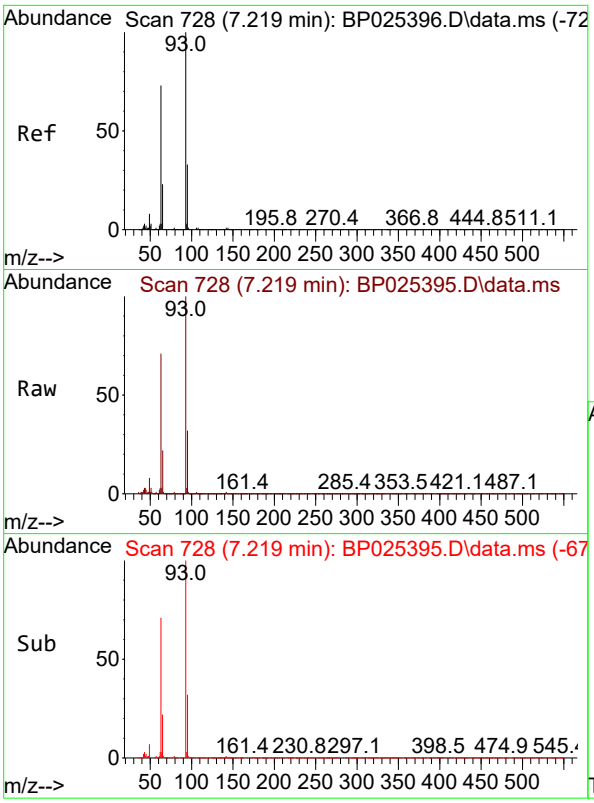


#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 94 Resp: 228580

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	37.7	18.2	58.2

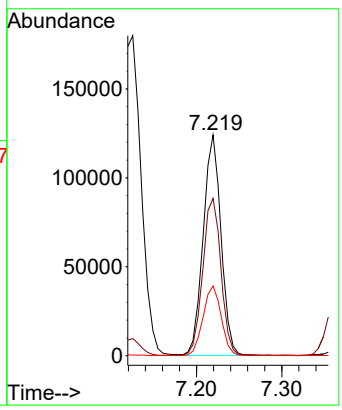




#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 18039

Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.6	92.6
95	31.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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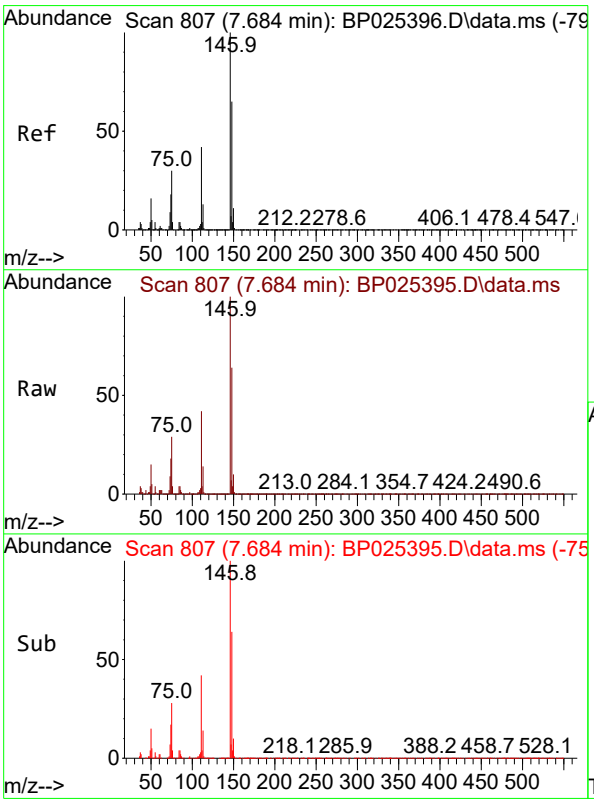
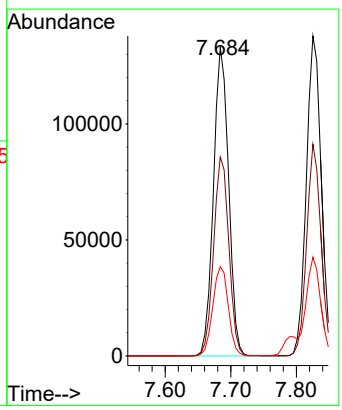
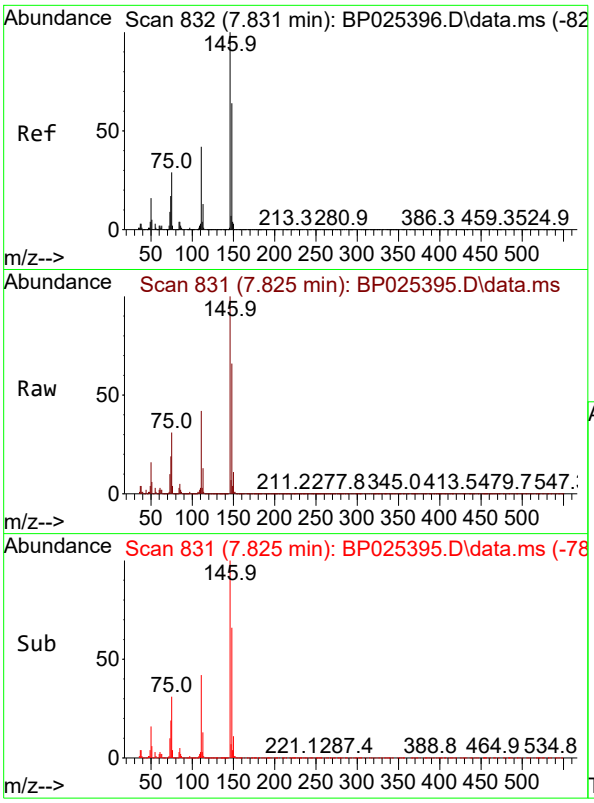


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 213023

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	28.9	23.7	35.5

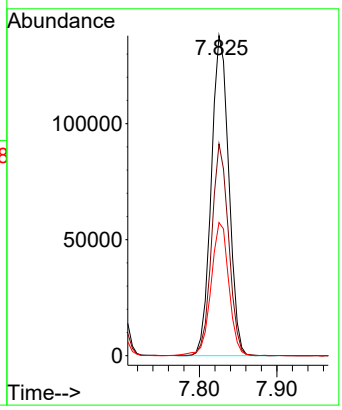




#13
1,4-Dichlorobenzene
Concen: 19.938 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 21640

Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.6	77.4
111	41.6	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
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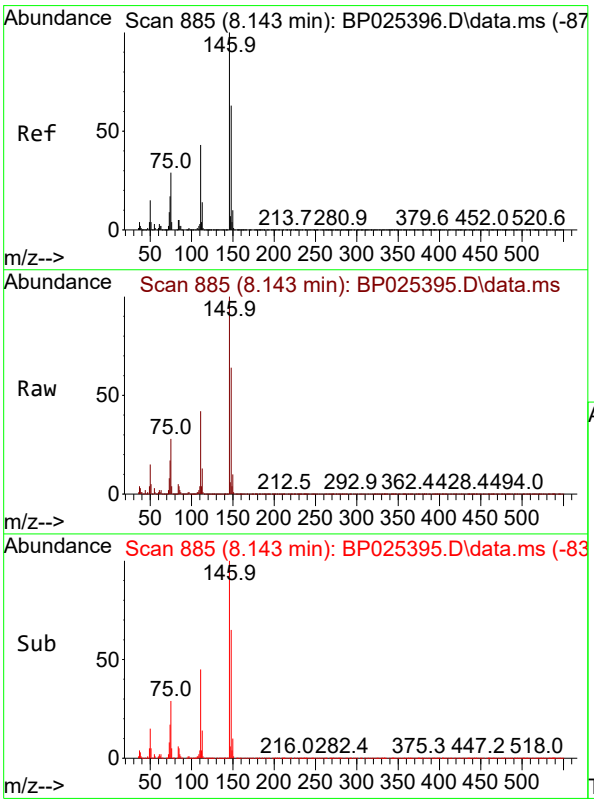
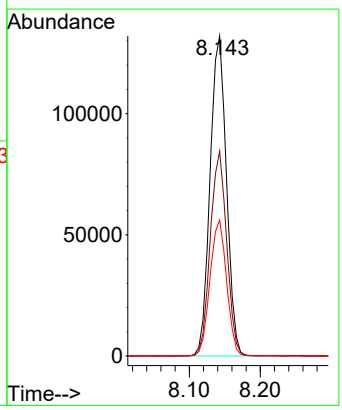
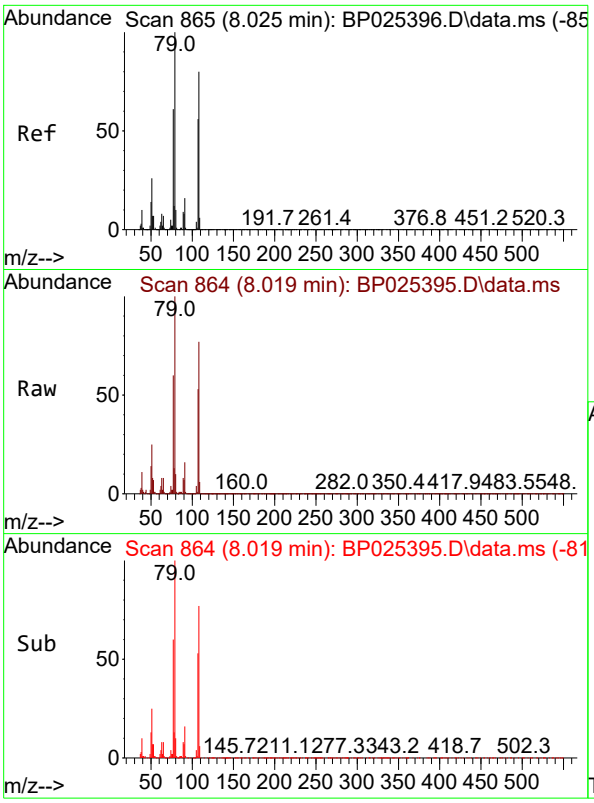


#14
1,2-Dichlorobenzene
Concen: 20.106 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:146 Resp: 211243

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.4	34.5	51.7





#15
Benzyl Alcohol
Concen: 19.640 ng
RT: 8.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 79 Resp: 17073

Ion	Ratio	Lower	Upper
79	100		
108	77.1	63.8	95.6
77	60.3	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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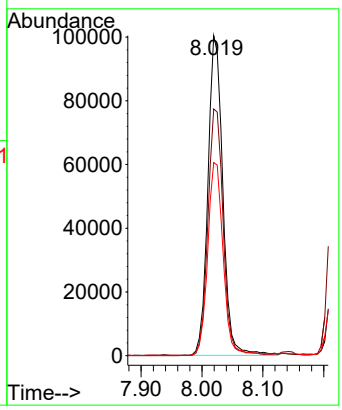
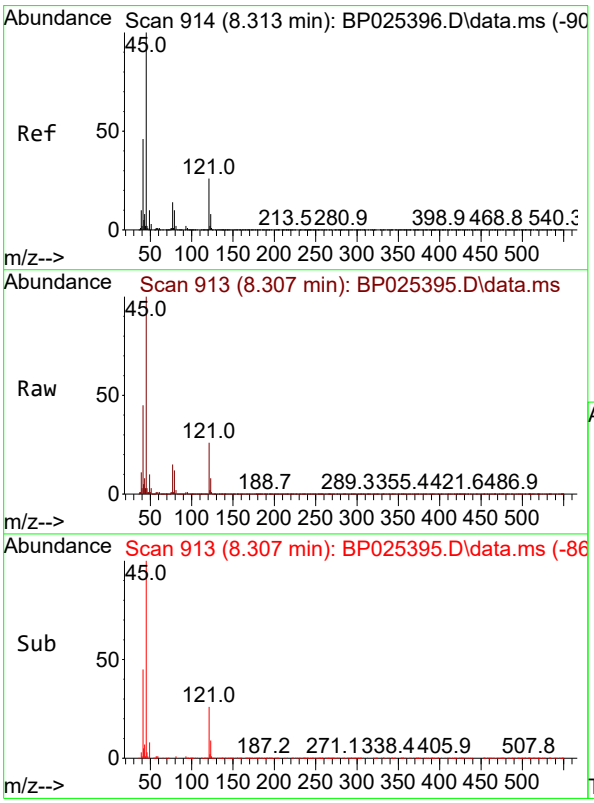
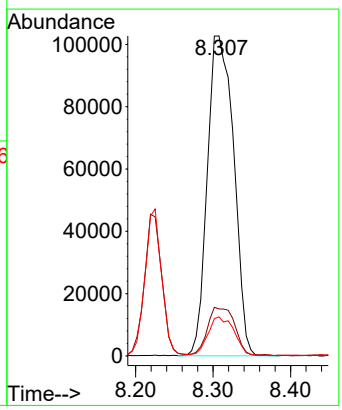


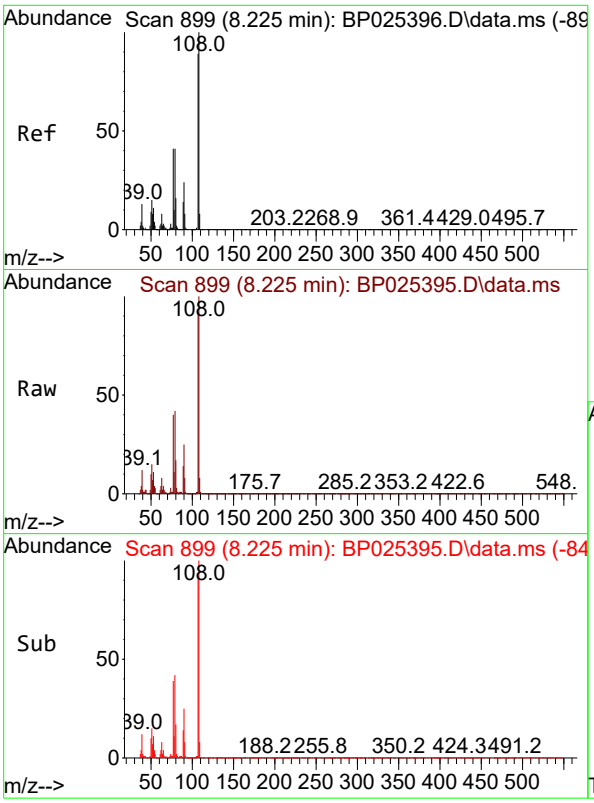


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.240 ng
RT: 8.307 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 45 Resp: 242616

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.3
79	12.2	0.0	31.8

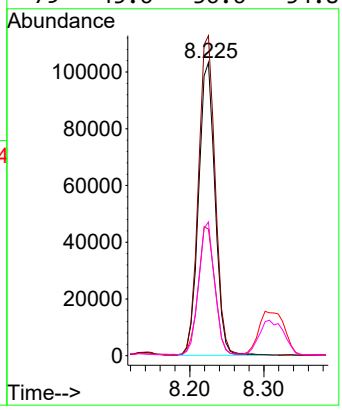




#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 15911

Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.4	134.0
77	43.2	36.3	54.5
79	45.6	36.6	54.8



Instrument :
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ClientSampleId :
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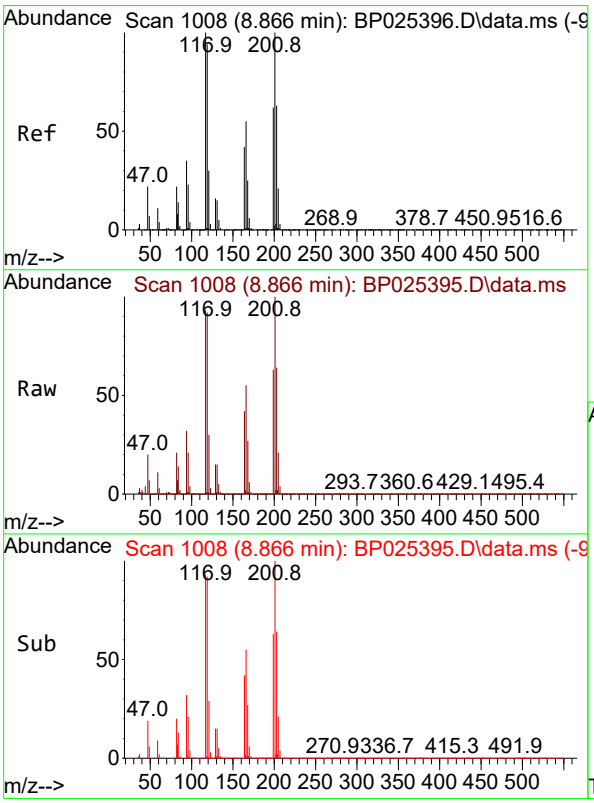
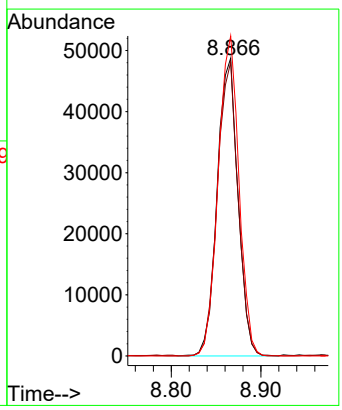
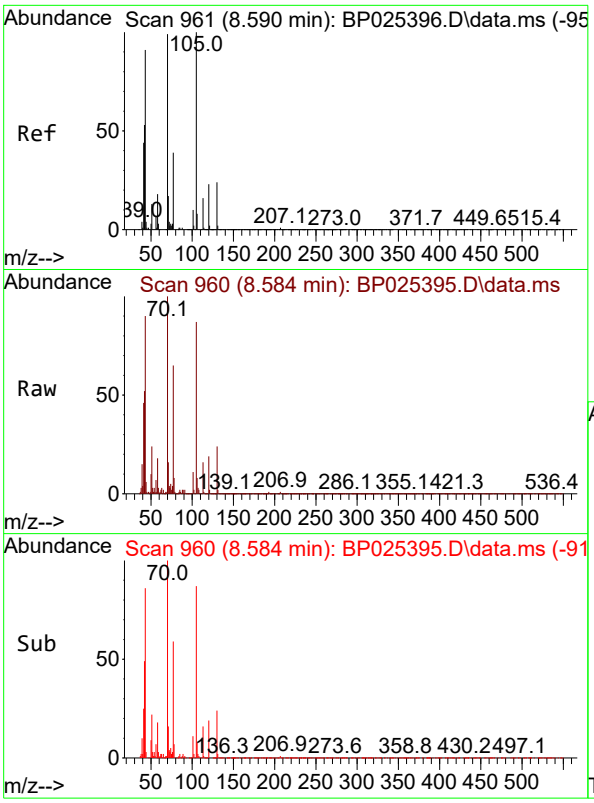


#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.1	112.7
201	107.5	80.1	120.1

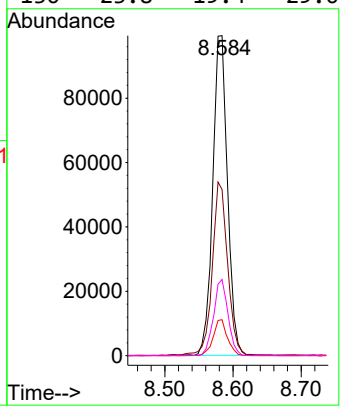




#19
n-Nitroso-di-n-propylamine
Concen: 20.633 ng
RT: 8.584 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 70 Resp: 14971

Ion	Ratio	Lower	Upper
70	100		
42	52.0	43.8	65.6
101	11.3	8.5	12.7
130	23.8	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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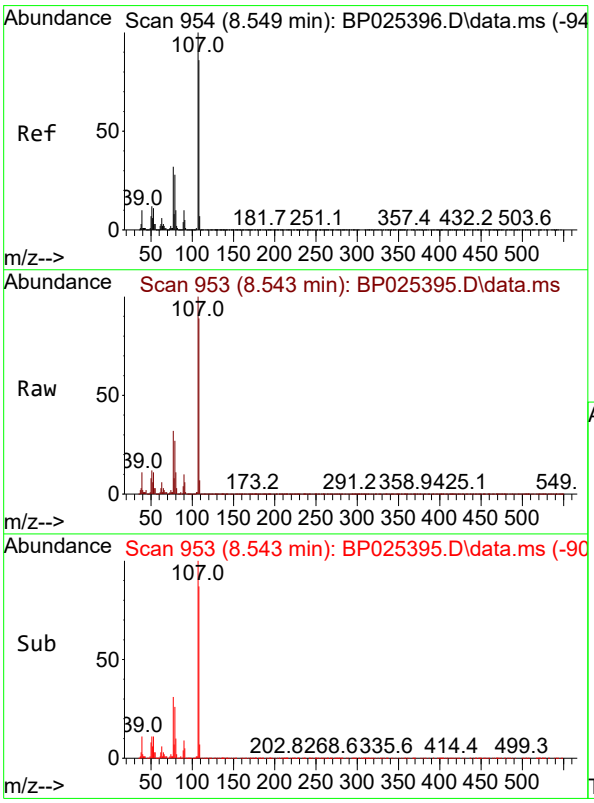
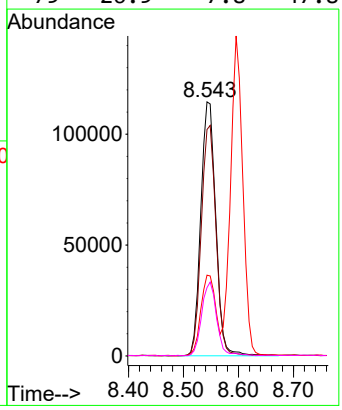
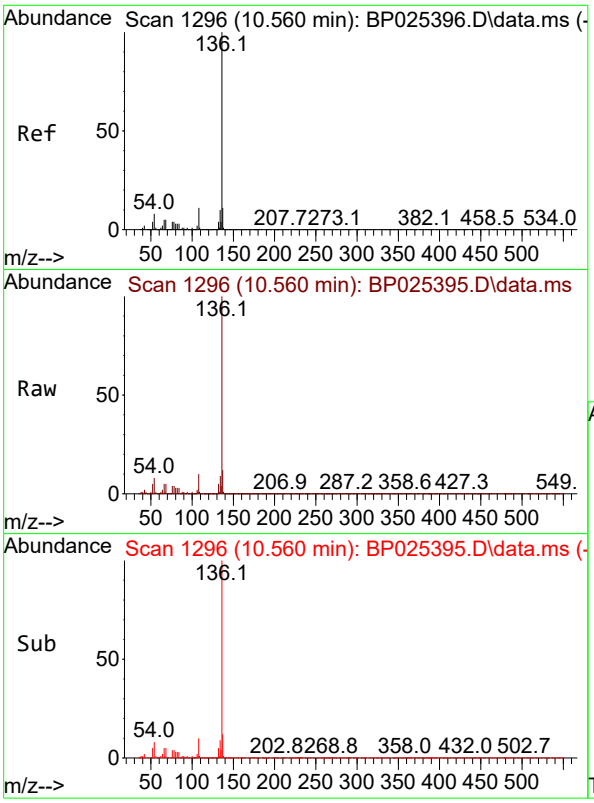


#20
3+4-Methylphenols
Concen: 19.655 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.3	106.3
77	31.8	12.3	52.3
79	26.9	7.8	47.8

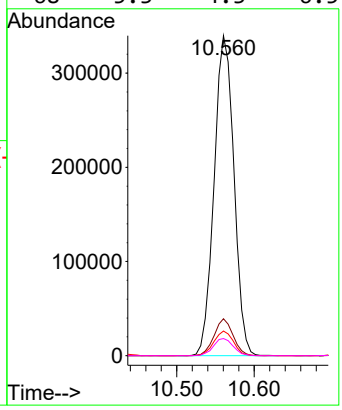




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:136 Resp: 60379

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	6.0	9.0
68	5.3	4.3	6.5



Instrument :
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ClientSampleId :
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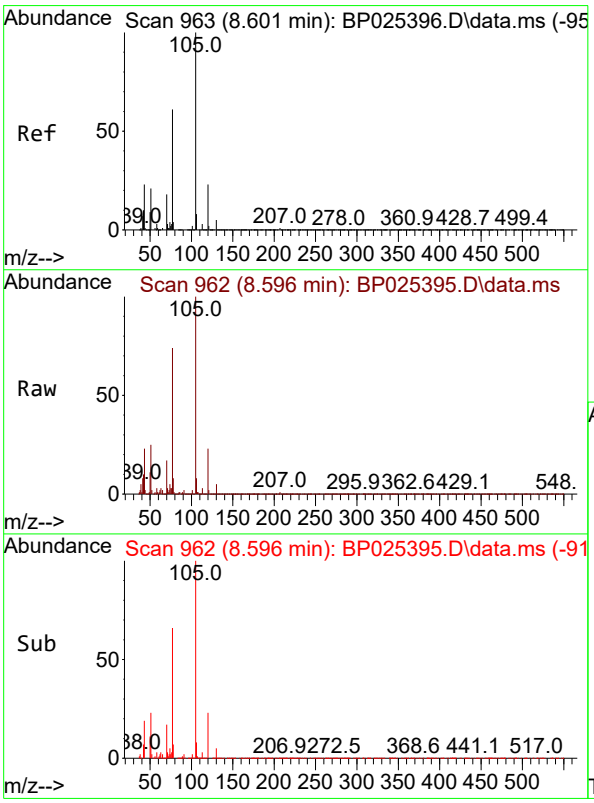
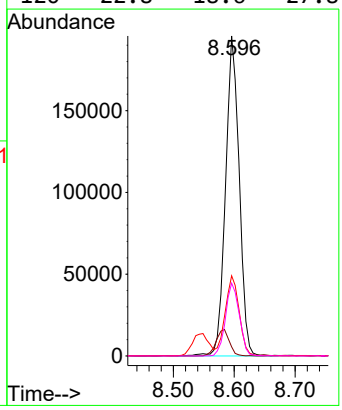
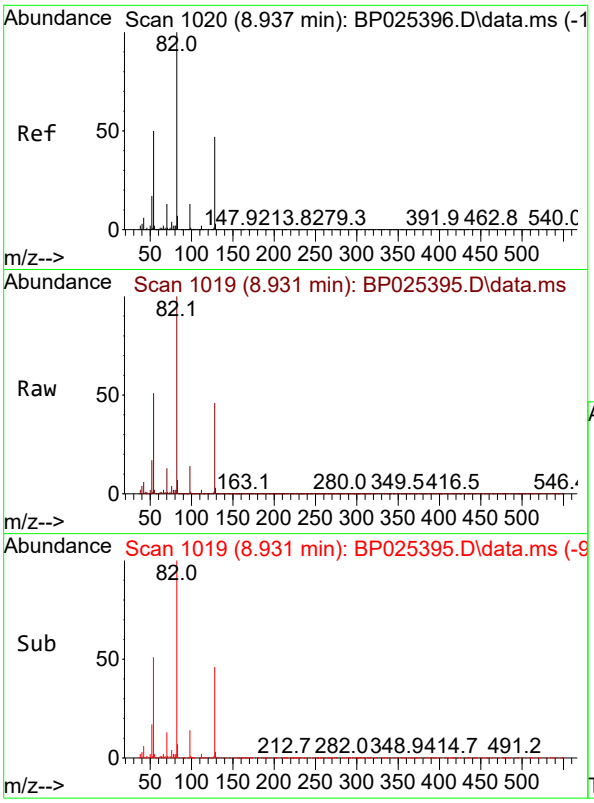


#22
Acetophenone
Concen: 20.196 ng
RT: 8.596 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:105 Resp: 305812

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.6	4.0
51	25.0	20.6	30.8
120	22.8	18.6	27.8

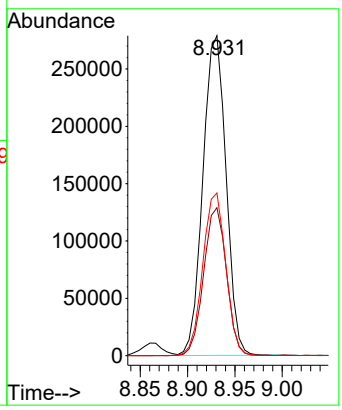




#23
Nitrobenzene-d5
Concen: 39.706 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 47393

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.7	56.5
54	50.8	39.8	59.6



Instrument :
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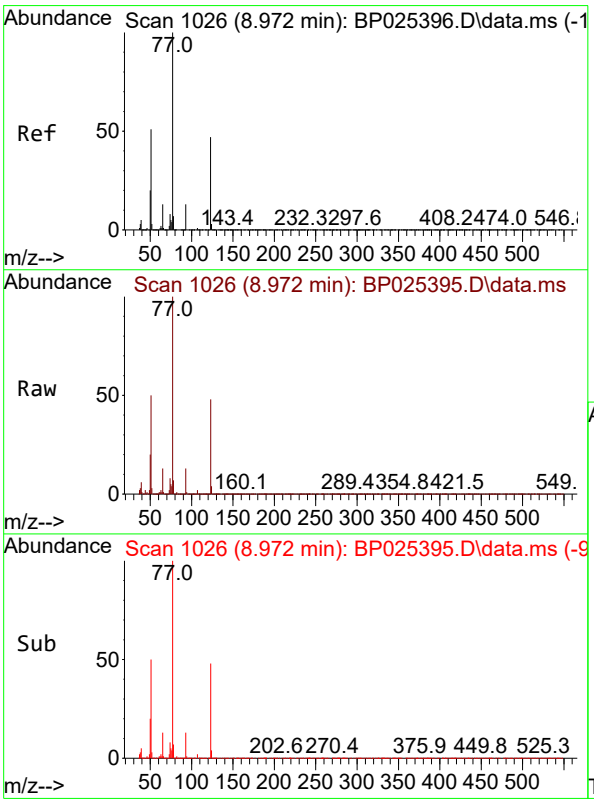
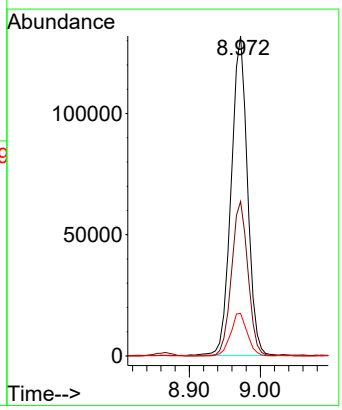
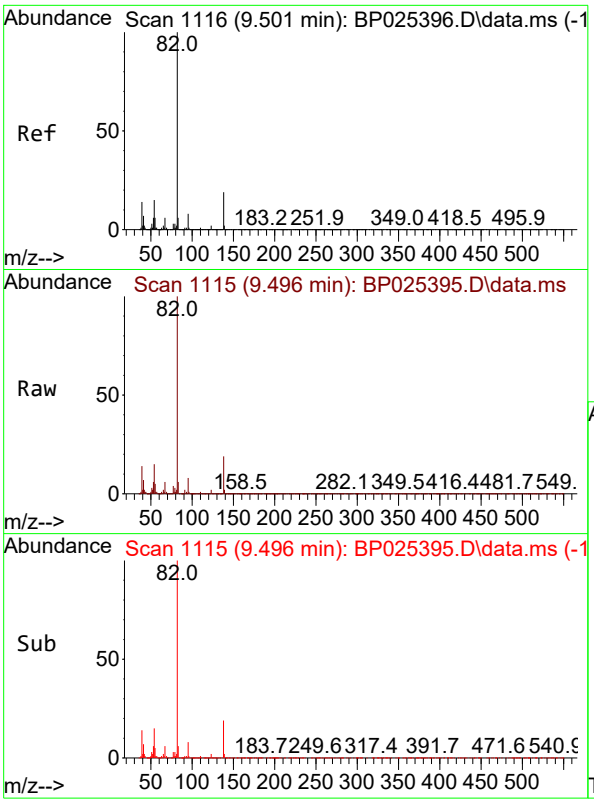


#24
Nitrobenzene
Concen: 19.708 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 210234

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.3	10.6	15.8

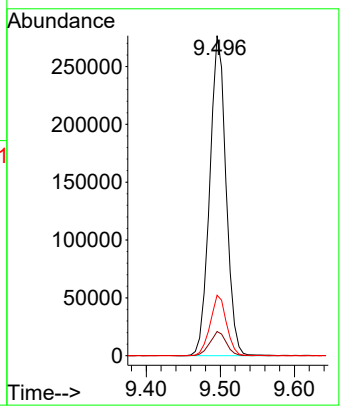




#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 82 Resp: 42237

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.9	15.4	23.0



Instrument :
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ClientSampleId :
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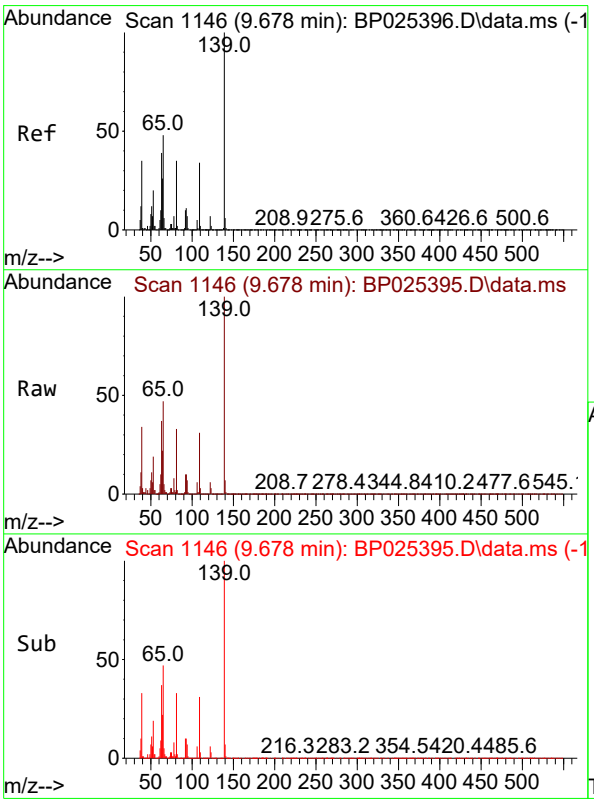
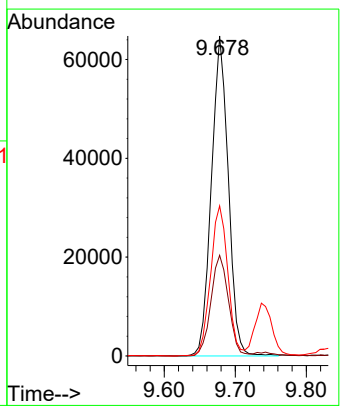
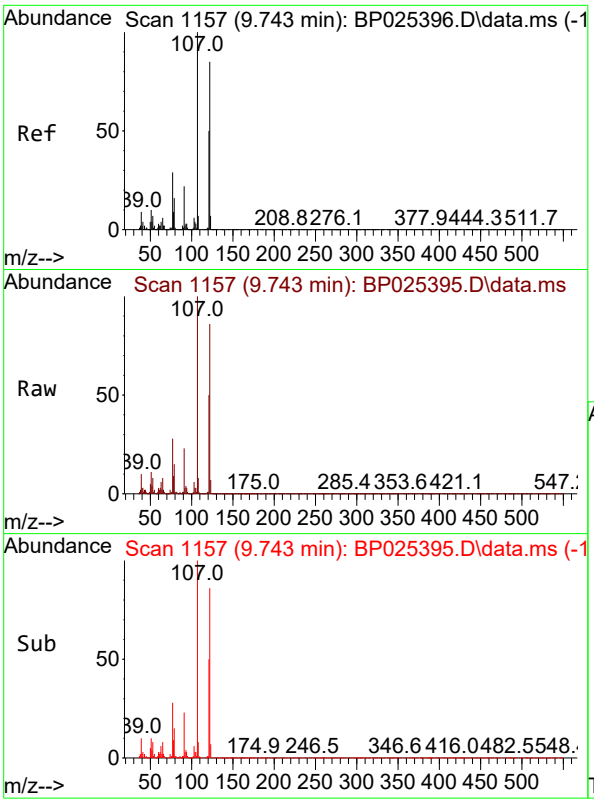


#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 106805

Ion	Ratio	Lower	Upper
139	100		
109	31.5	26.9	40.3
65	46.9	38.3	57.5

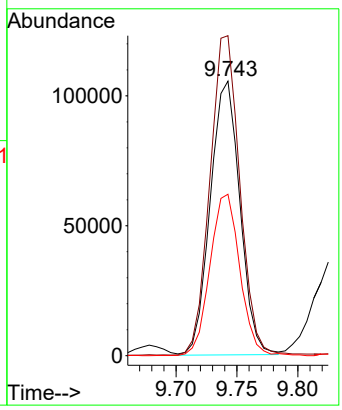




#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 17853

Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.7	140.5
121	58.8	46.6	69.8



Instrument :
BNA_P
ClientSampleId :
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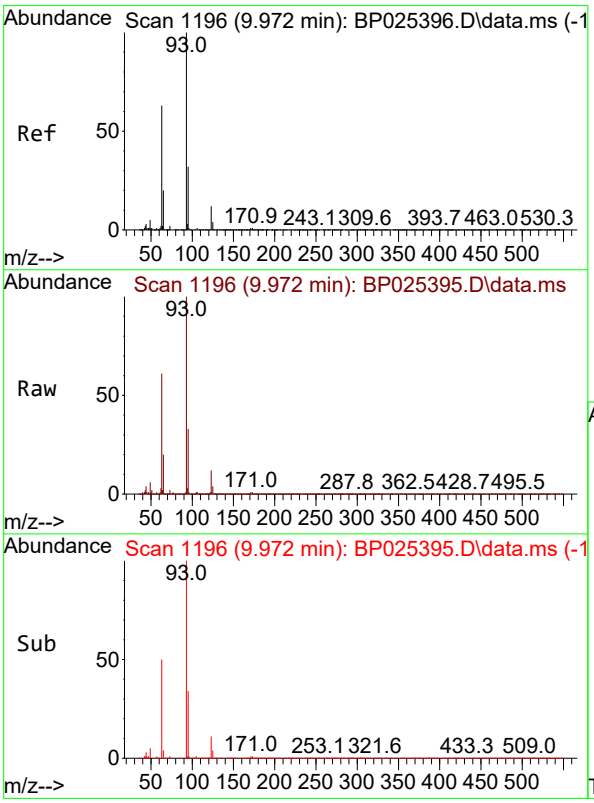
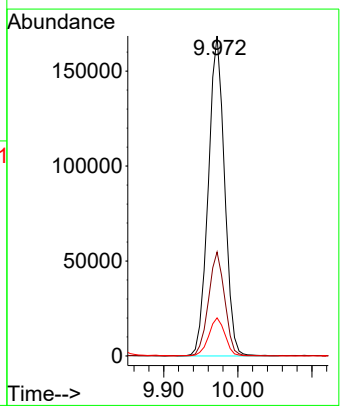
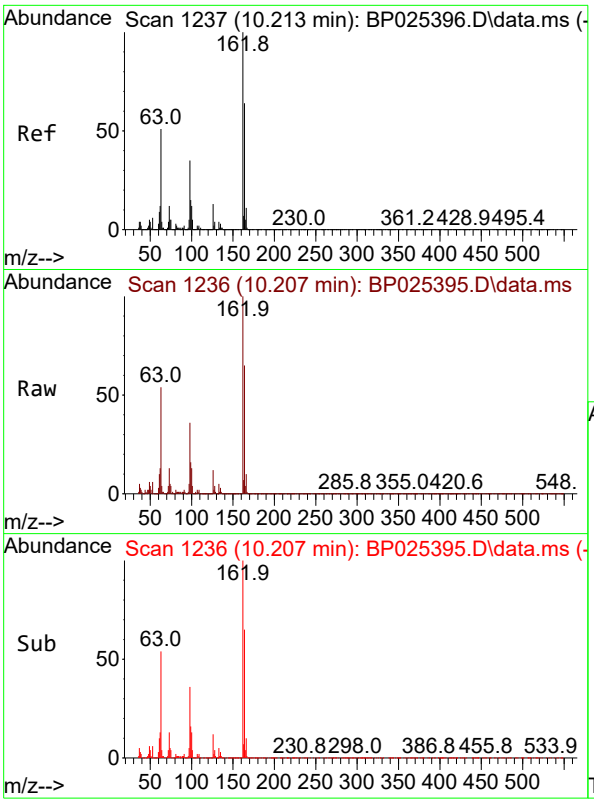


#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 93 Resp: 256656

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.9	9.4	14.0

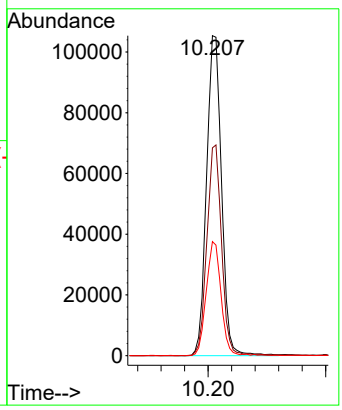




#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 18607

Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	35.7	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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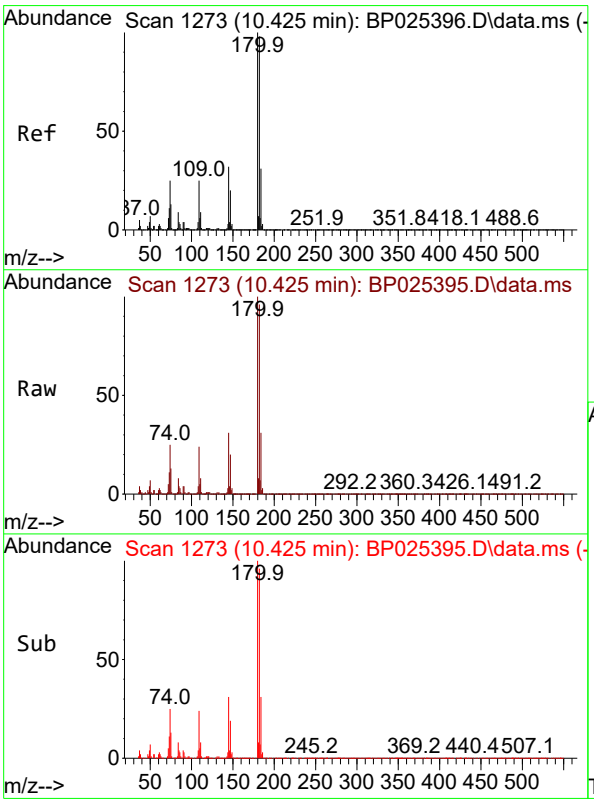
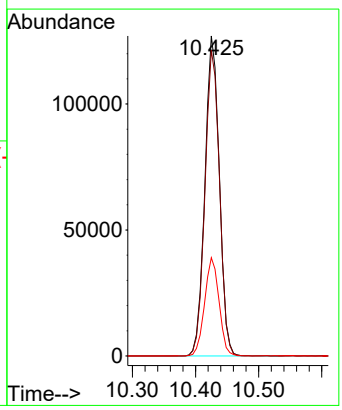
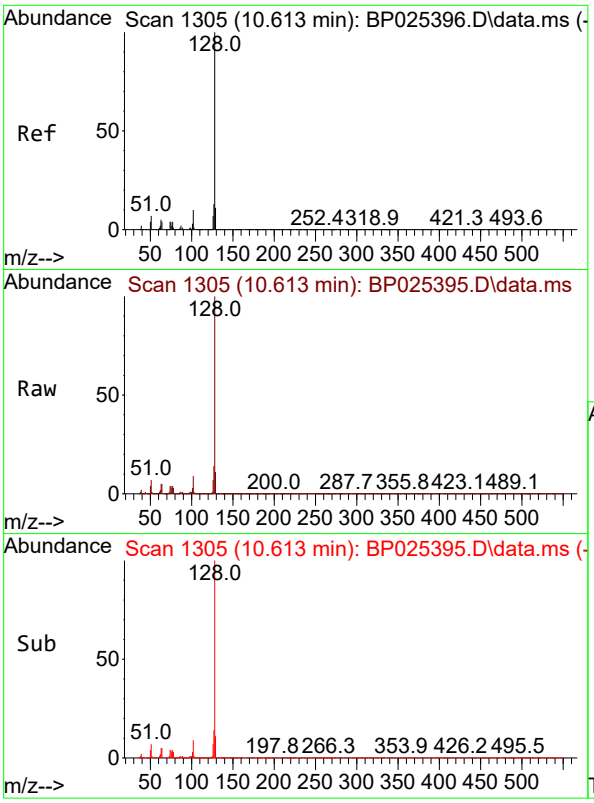


#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:180 Resp: 201995

Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	30.7	25.9	38.9





#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:128 Resp: 625899

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.7	10.7	16.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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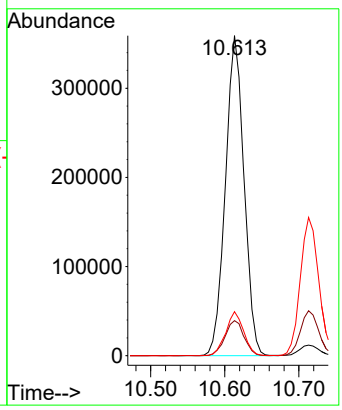
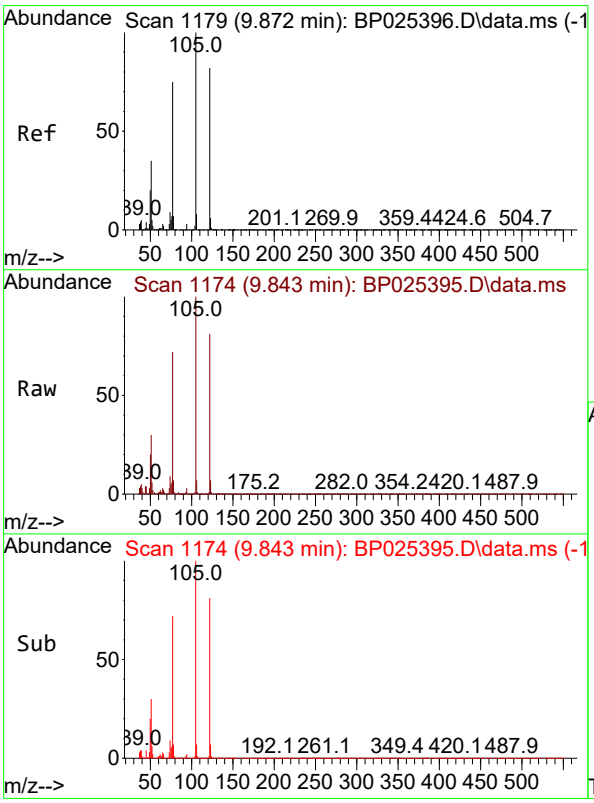
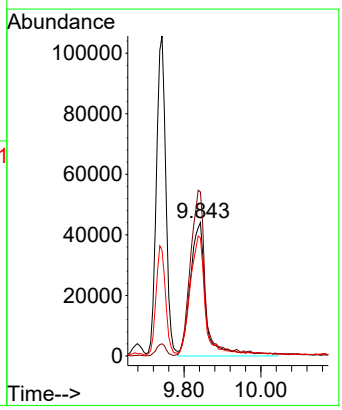


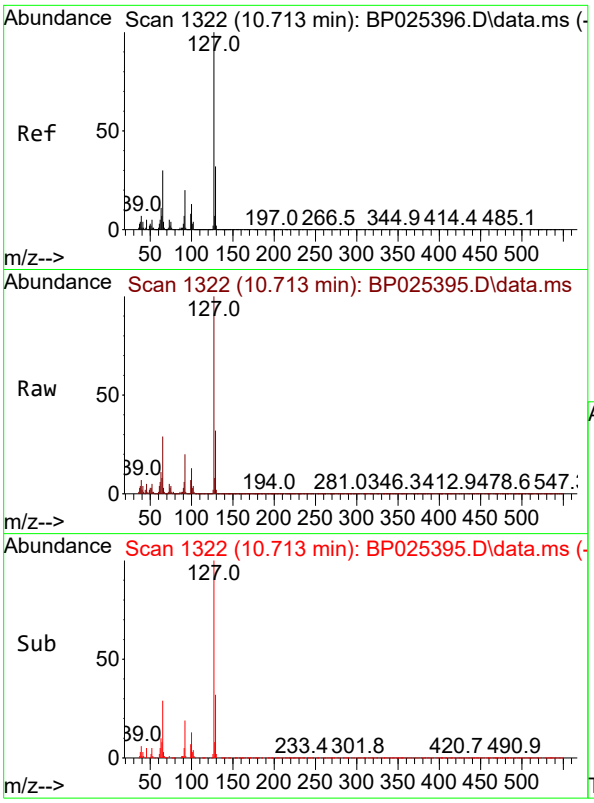


#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:122 Resp: 124836

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.6	140.6
77	88.5	71.5	111.5

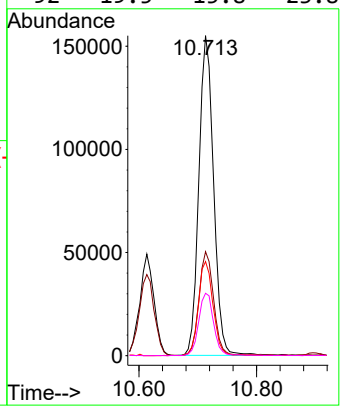




#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:127 Resp: 27015

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	29.4	23.8	35.6
92	19.5	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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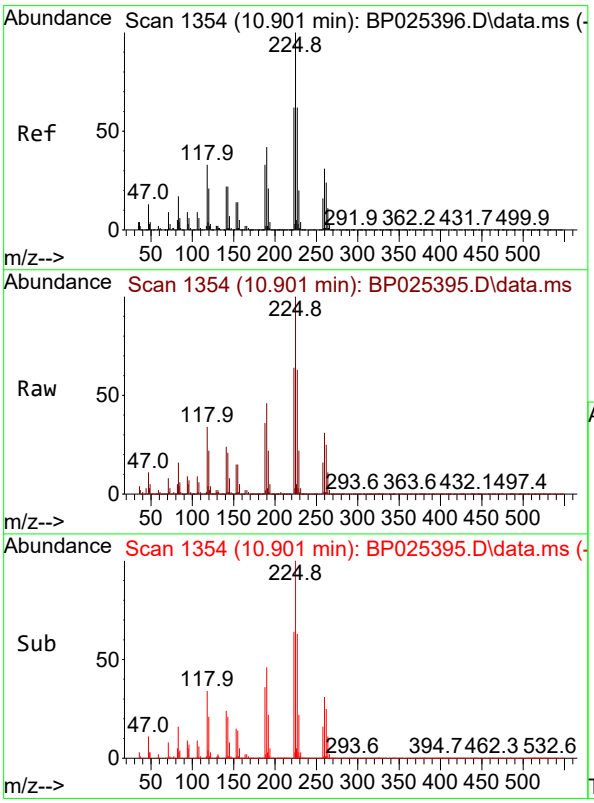
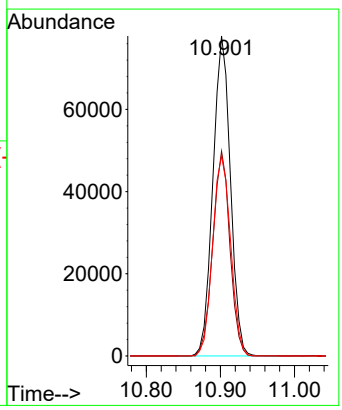
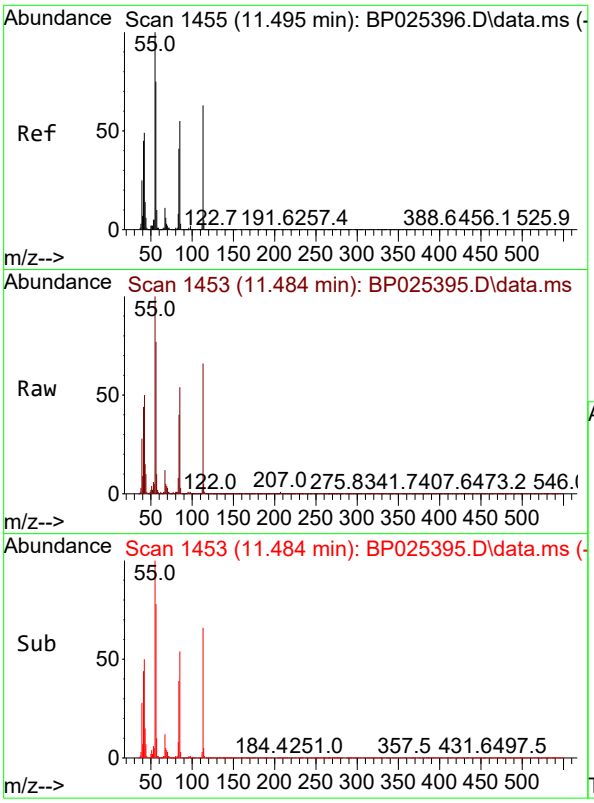


#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:225 Resp: 127593

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	62.5	49.7	74.5

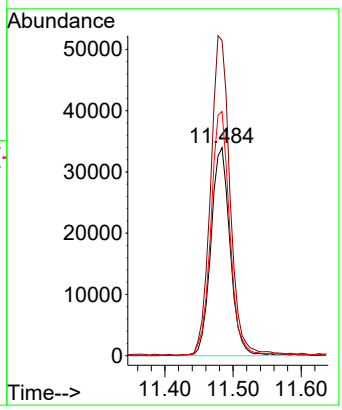




#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:113 Resp: 6616

Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	117.4	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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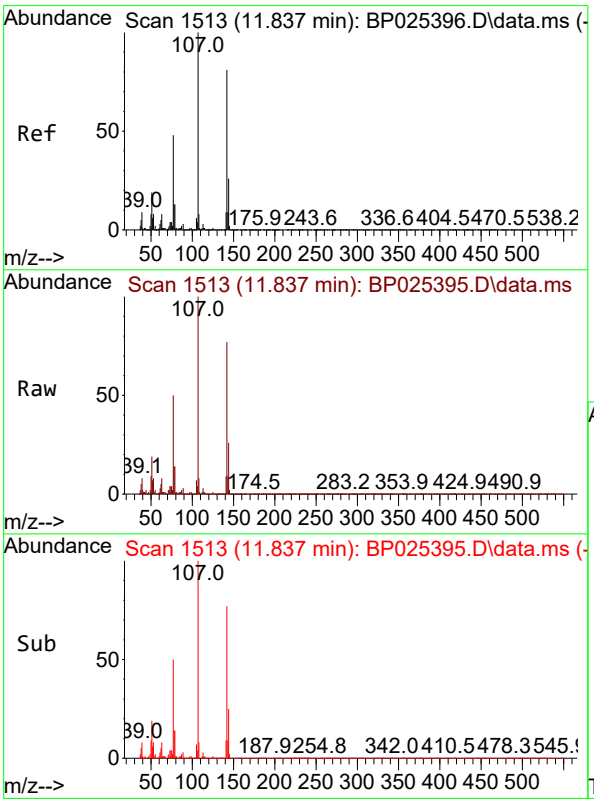
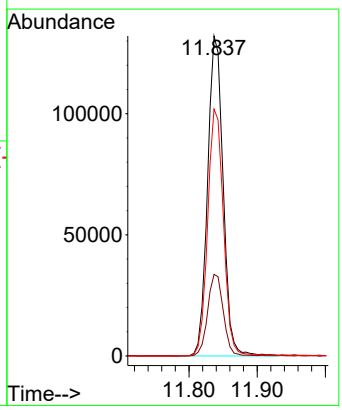
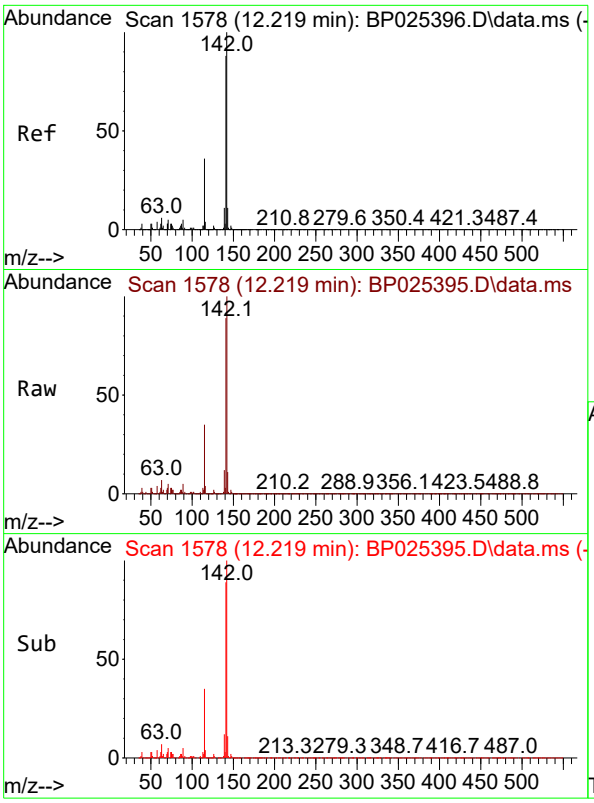


#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.4
142	77.1	64.6	97.0

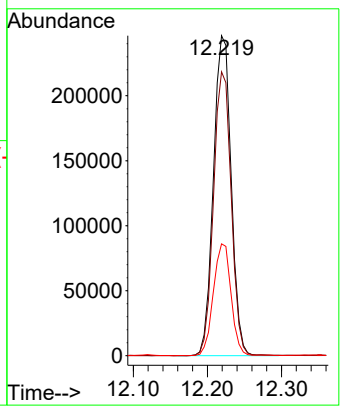




#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 40961

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.0	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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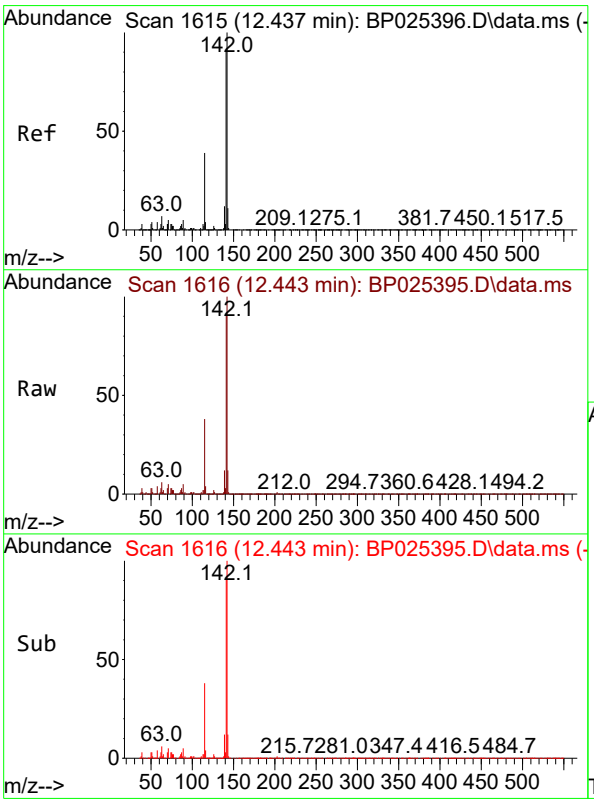
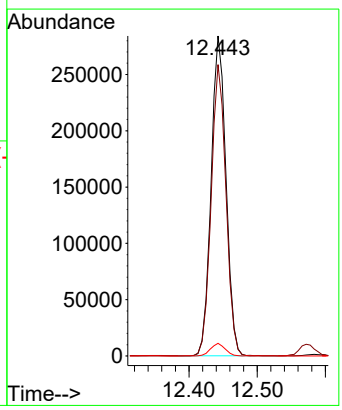
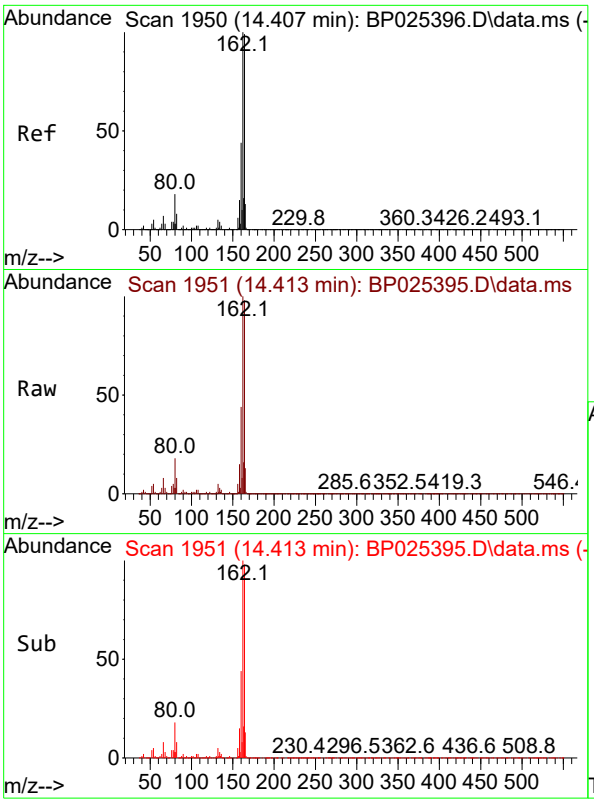


#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:142 Resp: 430666

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.1	109.7
116	3.9	3.2	4.8

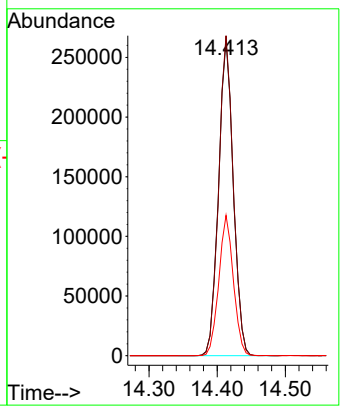




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:164 Resp: 39903

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.0	121.6
160	44.6	35.4	53.2



Instrument :
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ClientSampleId :
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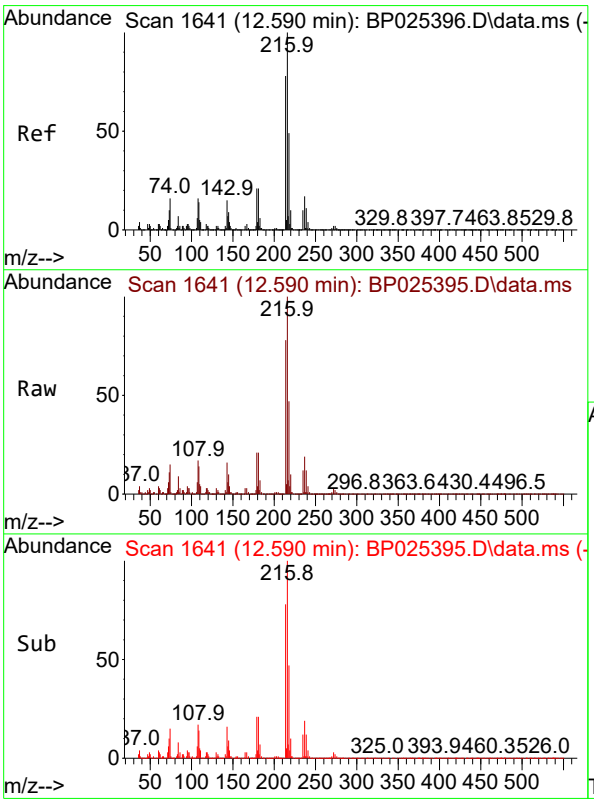
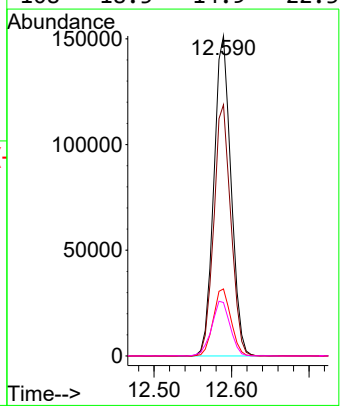
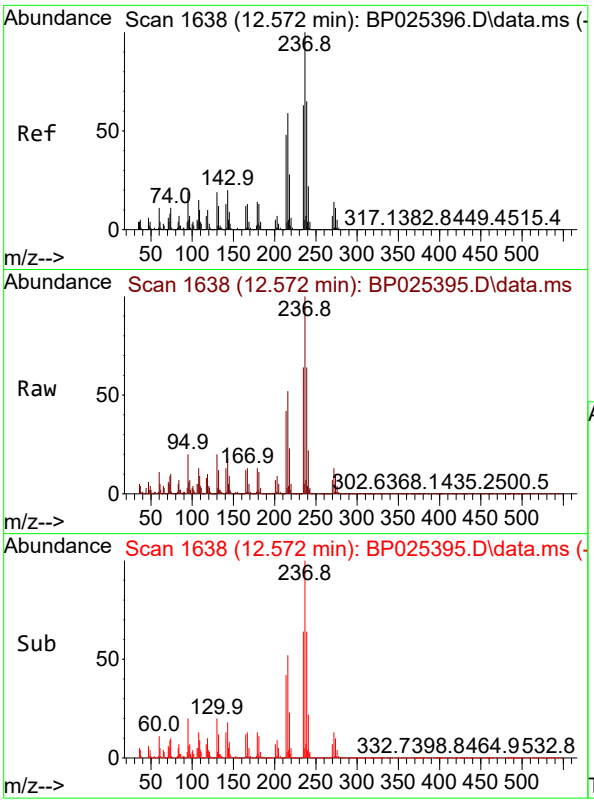


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:216 Resp: 233523

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.6	17.1	25.7
108	18.5	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:237 Resp: 12475

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.7	82.7
272	13.1	0.0	34.0

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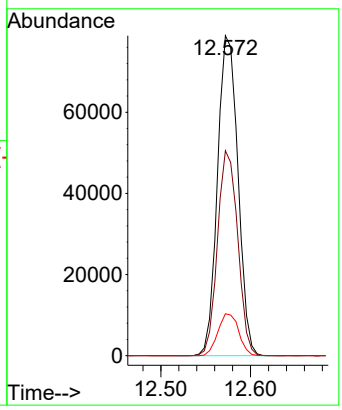
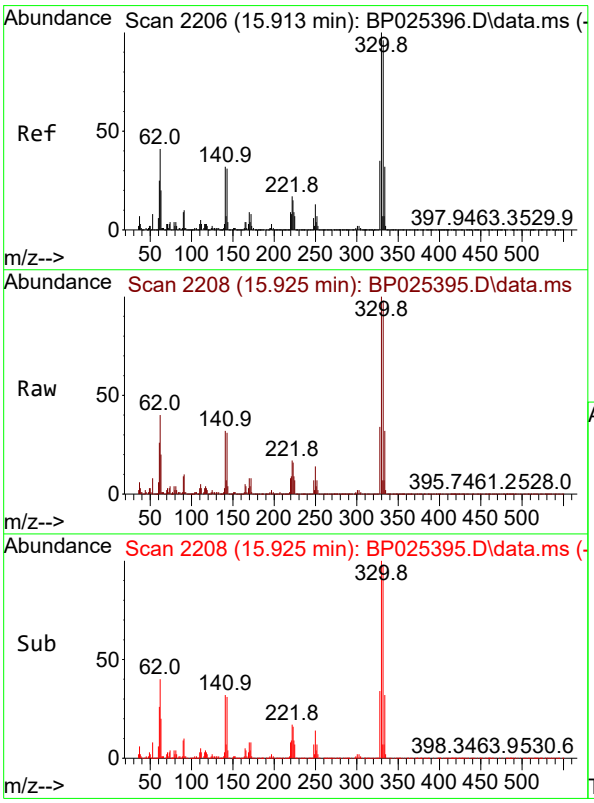
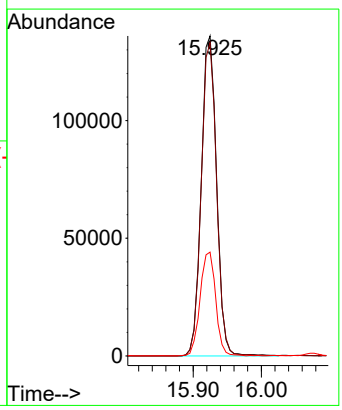


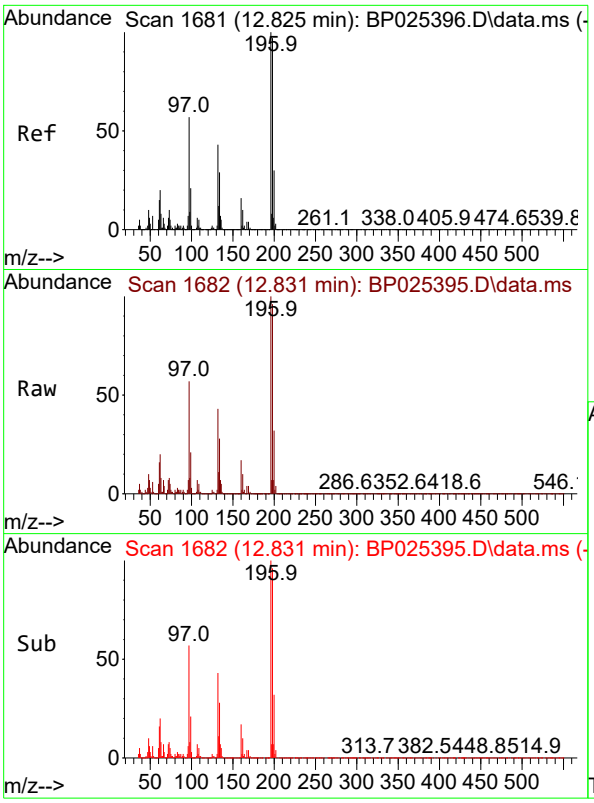


#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:330 Resp: 212968

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	32.8	26.6	39.8

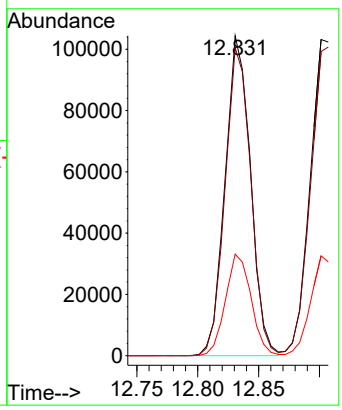




#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:196 Resp: 15203

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.8	23.9	35.9



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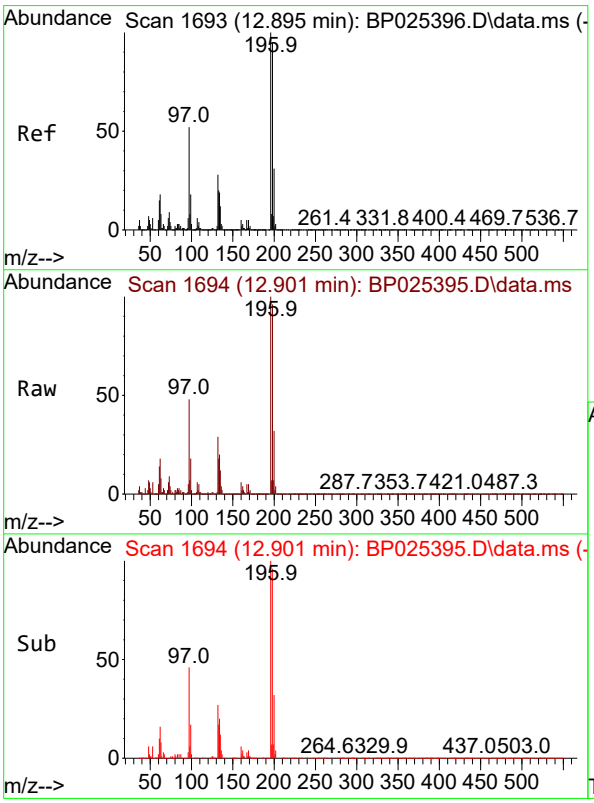
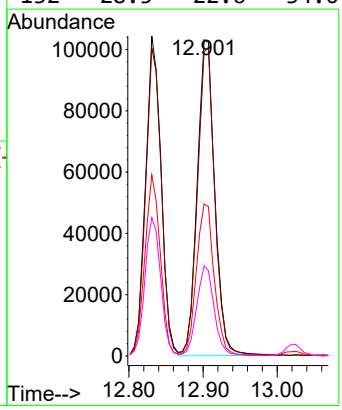
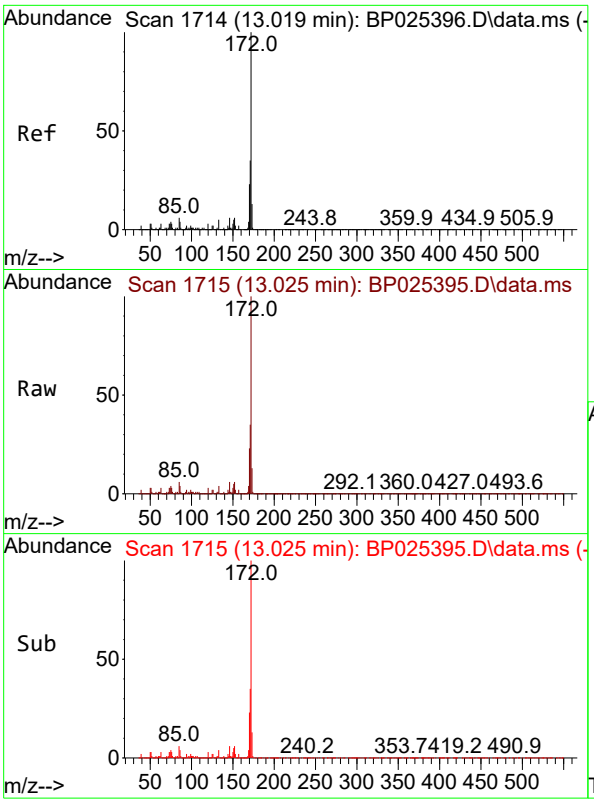


#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:196 Resp: 169197

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
97	48.1	41.2	61.8
132	28.5	22.6	34.0

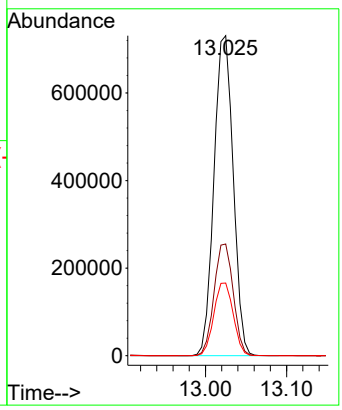




#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:172 Resp: 120306

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.7	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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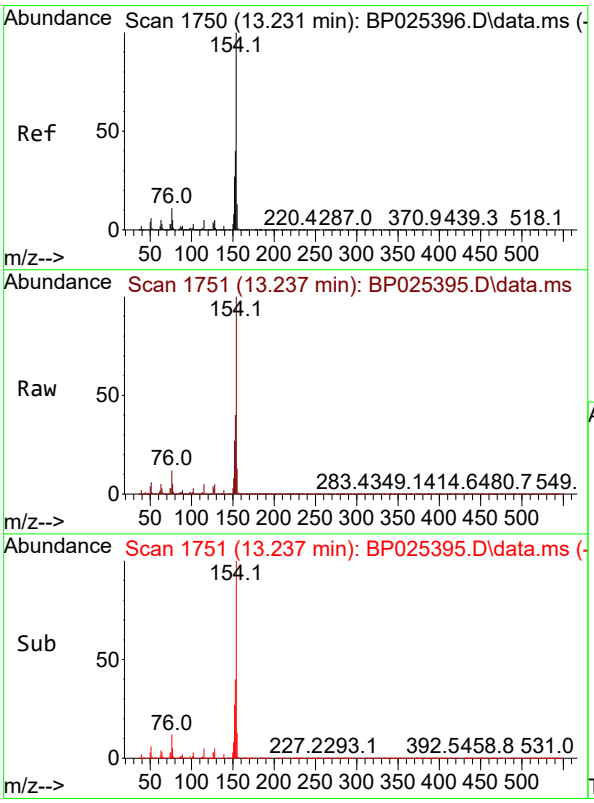
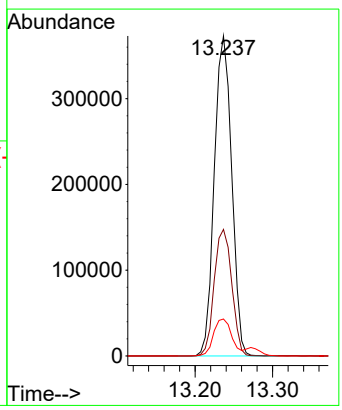
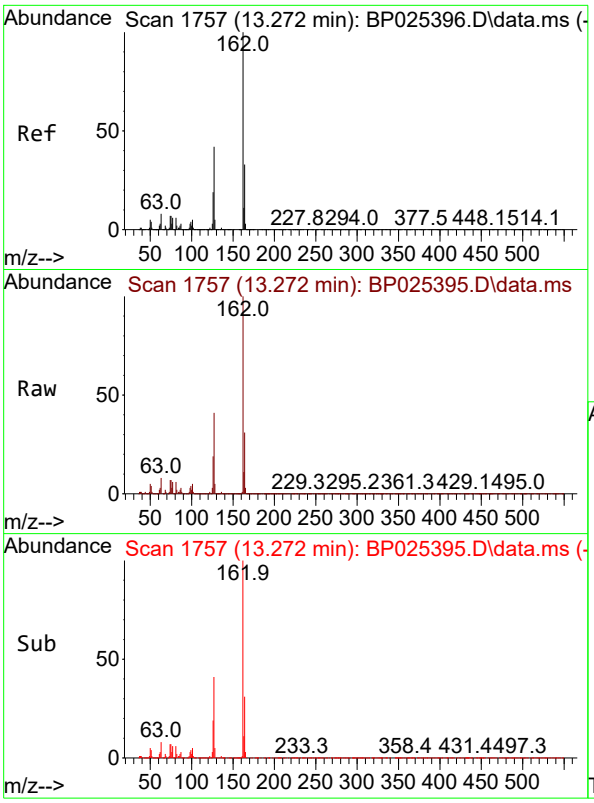


#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 581464

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	11.5	0.0	31.1

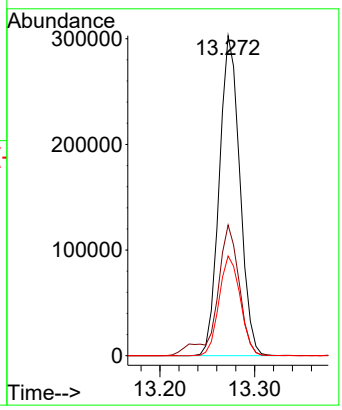




#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:162 Resp: 45655

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	31.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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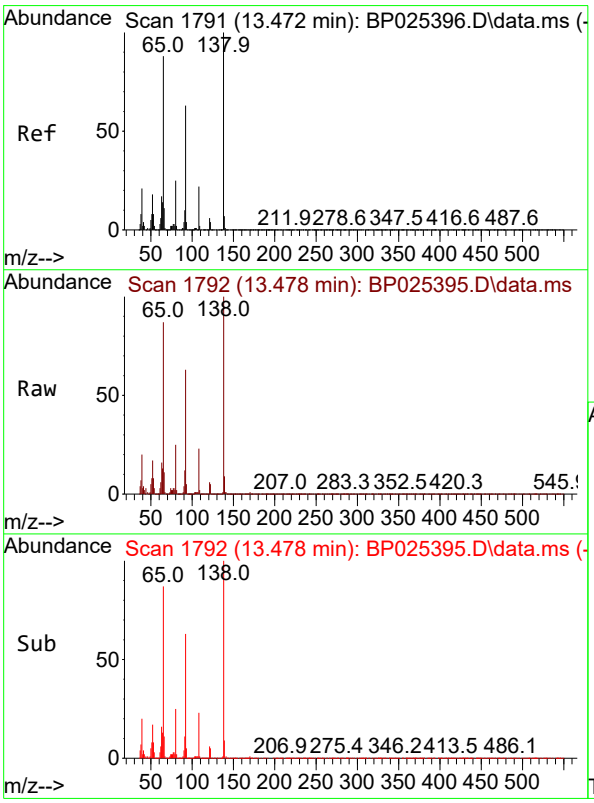
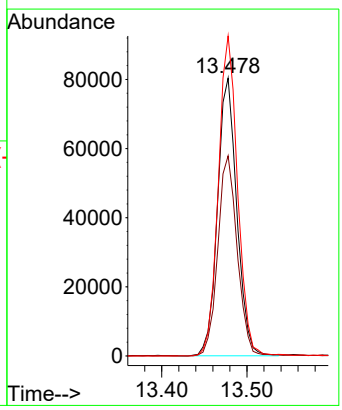
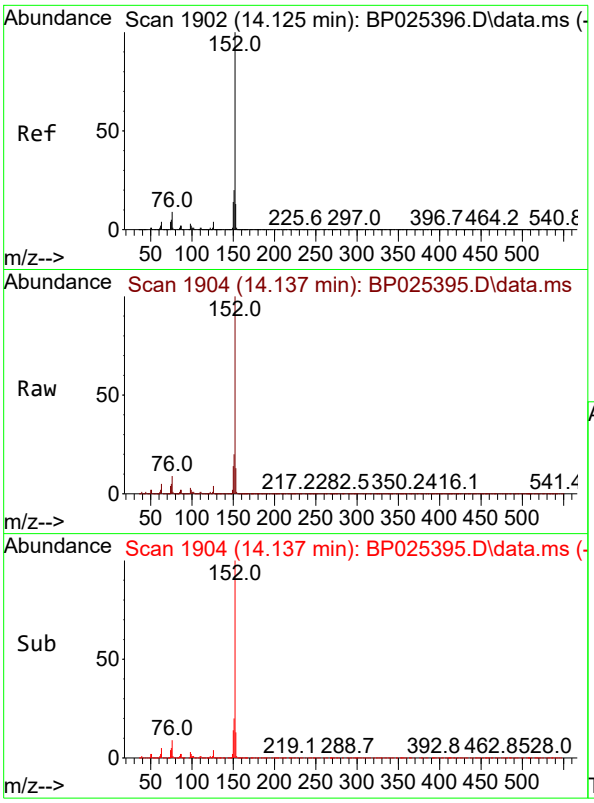


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 65 Resp: 126433

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	115.1	91.0	136.6

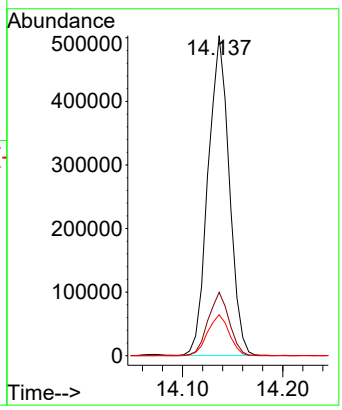




#49
Acenaphthylene
Concen: 19.756 ng
RT: 14.137 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:152 Resp: 73752

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.8	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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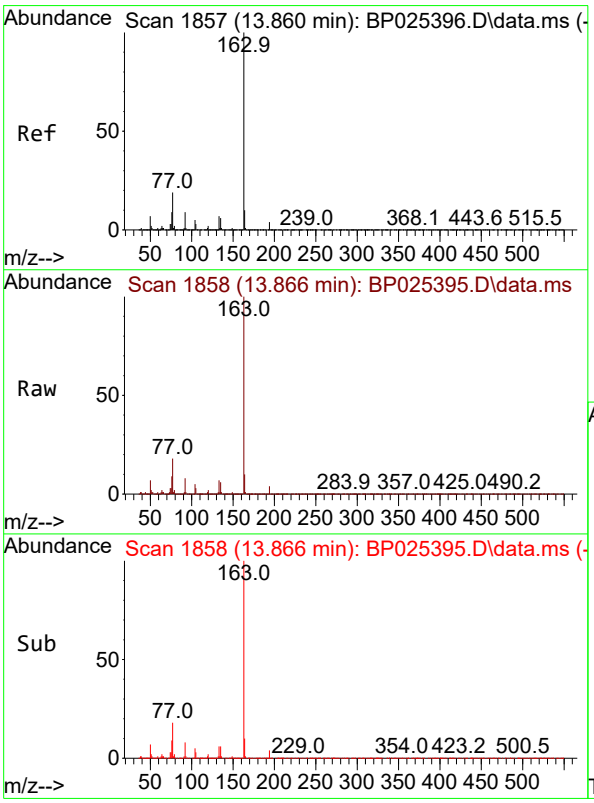
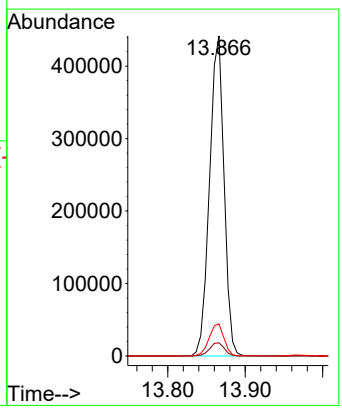
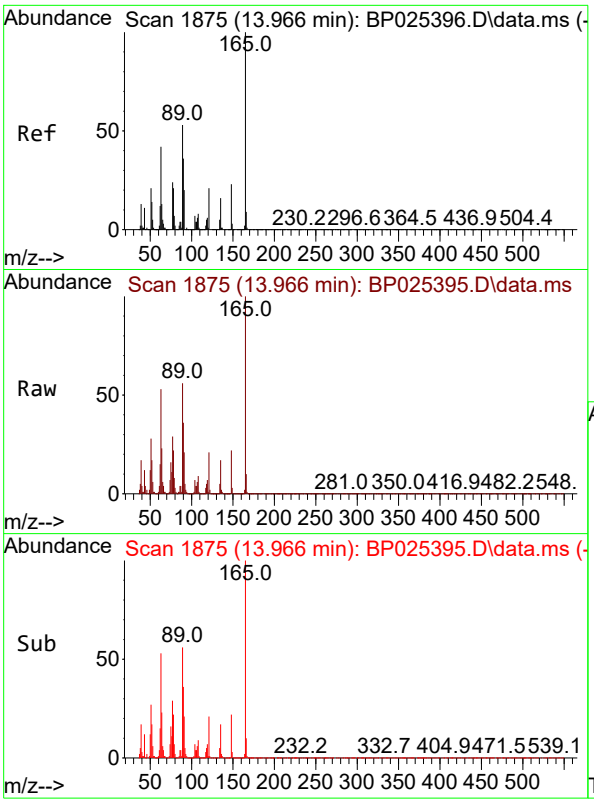


#50
Dimethylphthalate
Concen: 19.632 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:163 Resp: 573661

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 19.597 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 12069

Ion	Ratio	Lower	Upper
165	100		
63	52.9	40.9	61.3
89	55.7	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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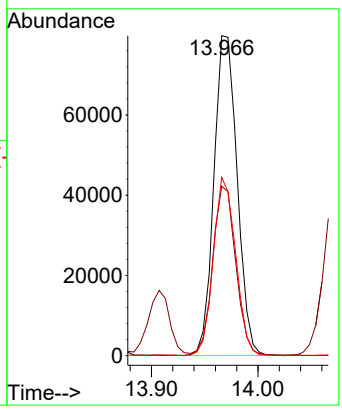
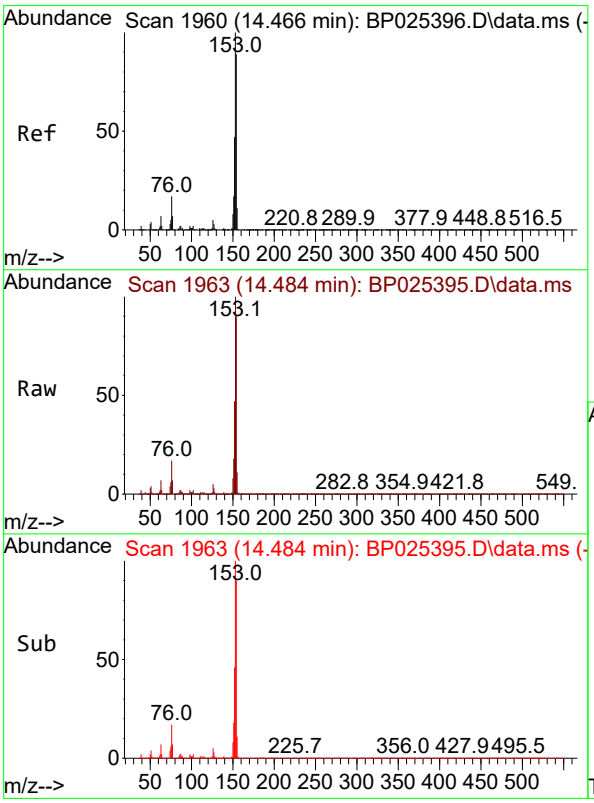
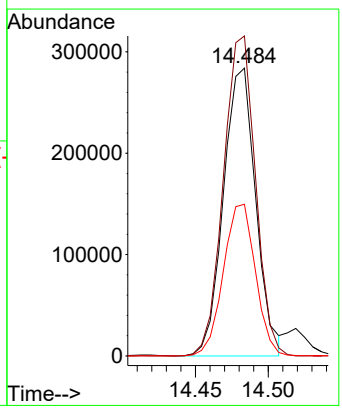


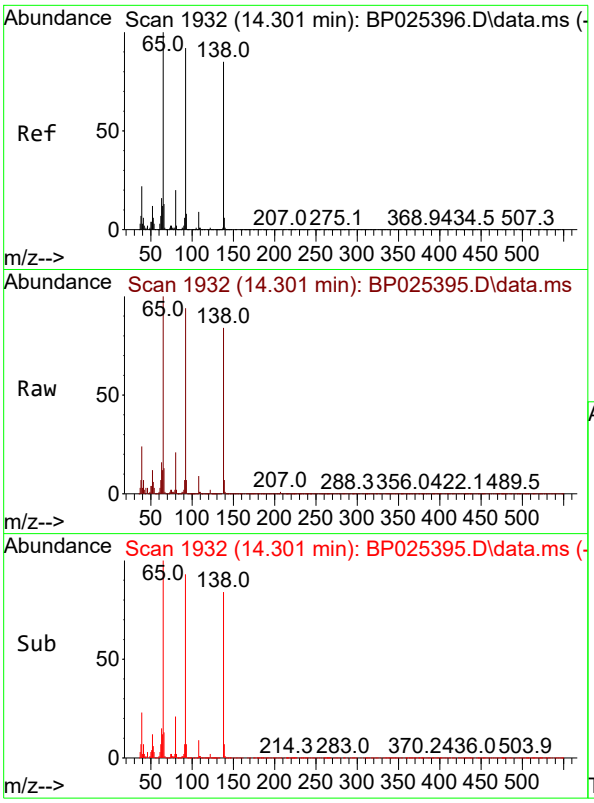


#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:154 Resp: 438852

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.2
152	52.7	42.1	63.1





#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 13450

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	111.4	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
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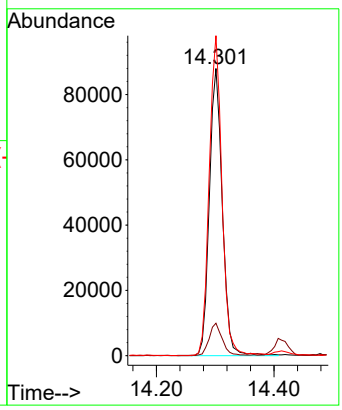
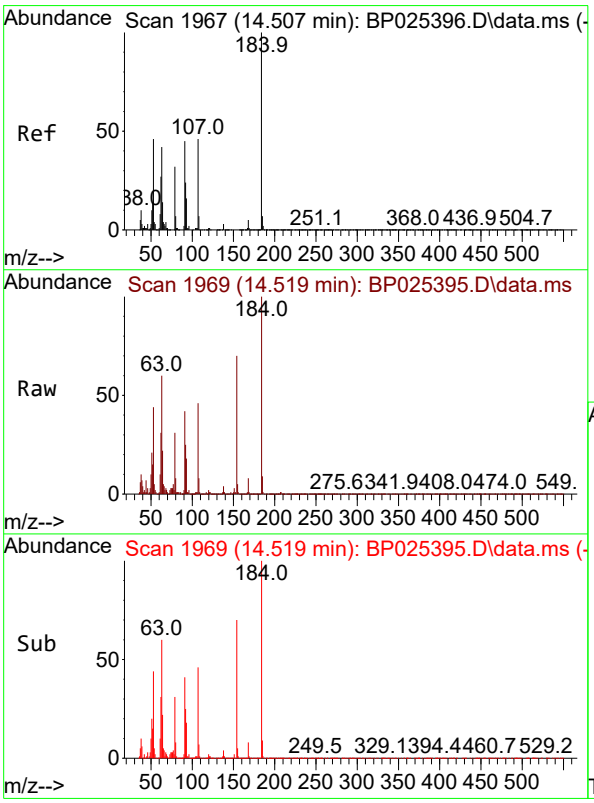
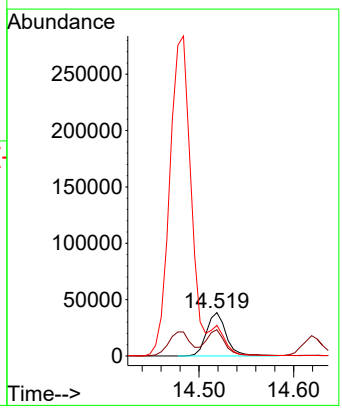


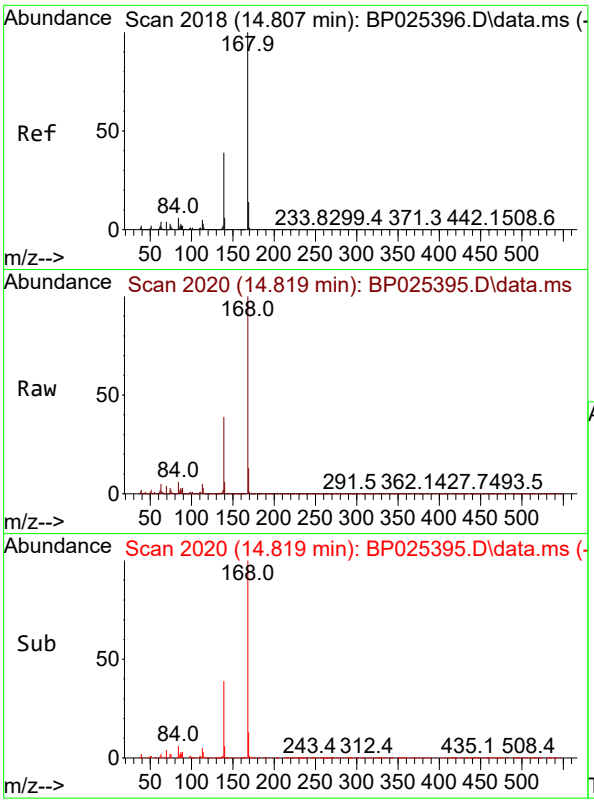


#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713

Ion	Ratio	Lower	Upper
184	100		
63	60.4	49.4	74.2
154	70.4	54.6	82.0

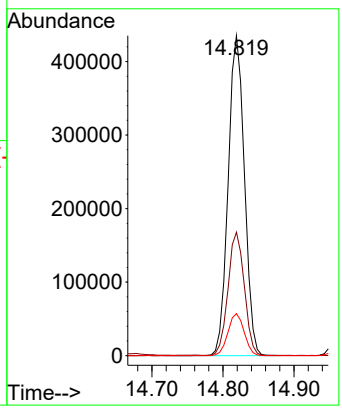




#55
Dibenzofuran
Concen: 20.002 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:168 Resp: 69296

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.5	47.3
169	13.1	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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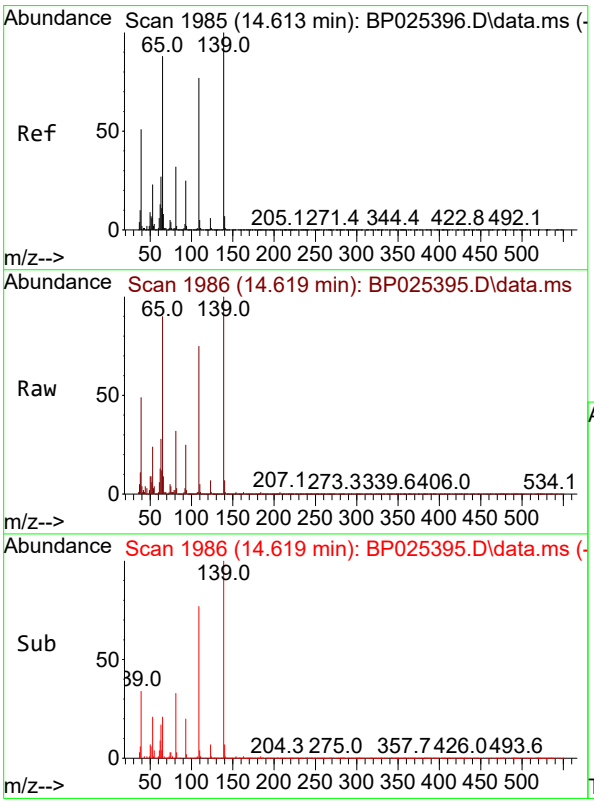
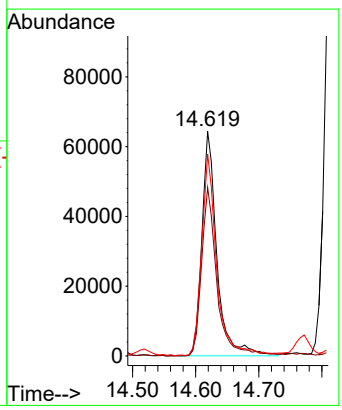
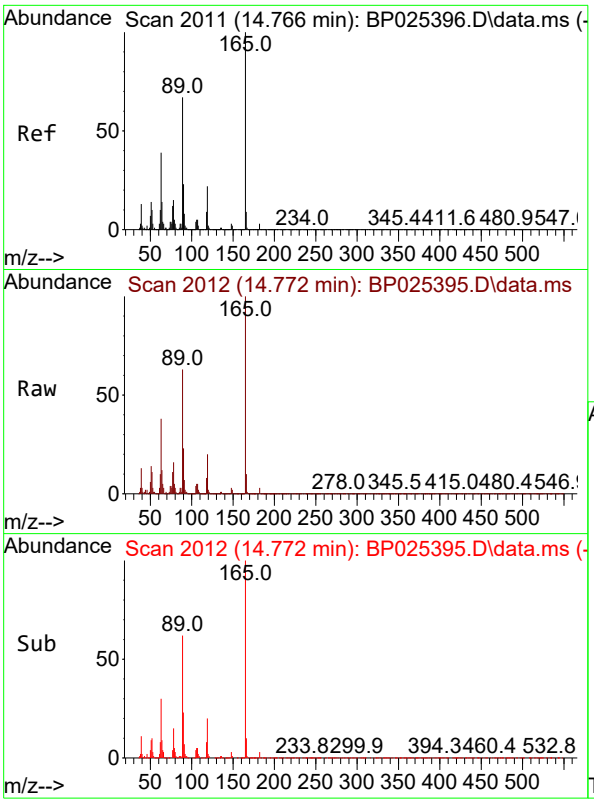


#56
4-Nitrophenol
Concen: 18.578 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:139 Resp: 105787

Ion	Ratio	Lower	Upper
139	100		
109	75.0	56.6	96.6
65	89.8	68.2	108.2

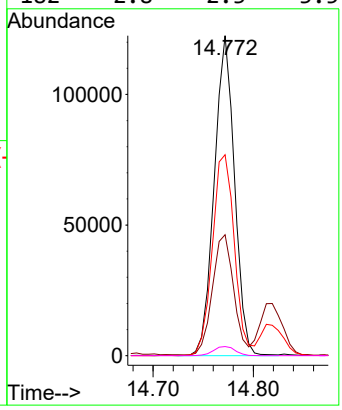




#57
2,4-Dinitrotoluene
Concen: 19.576 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:165 Resp: 17202

Ion	Ratio	Lower	Upper
165	100		
63	37.8	31.4	47.2
89	62.8	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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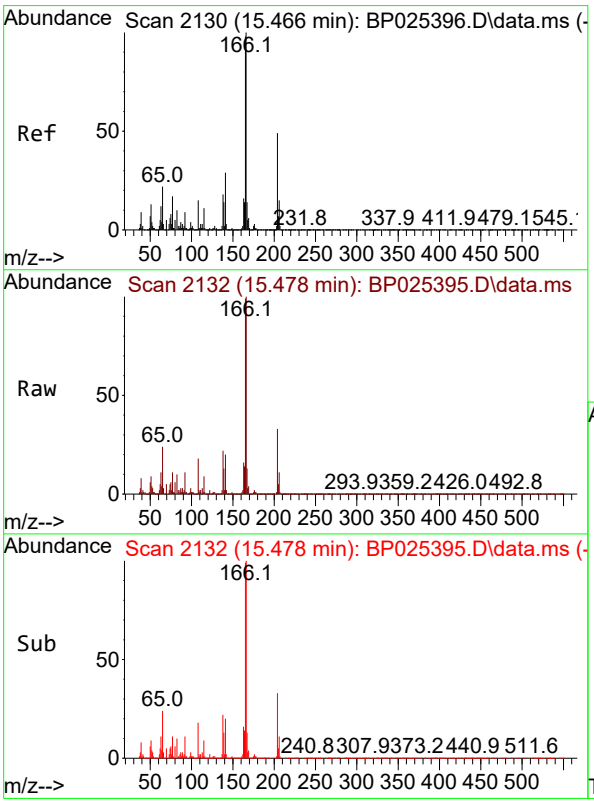
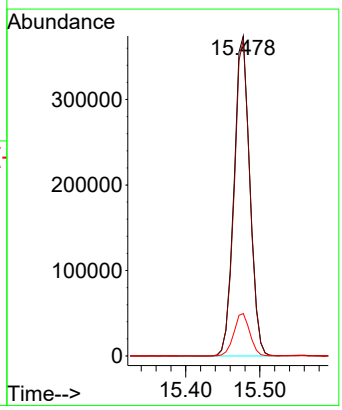
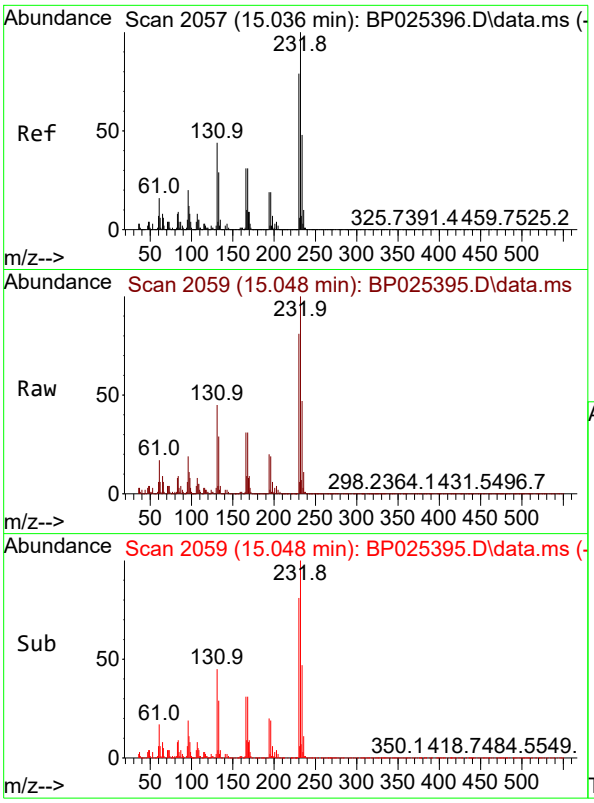


#58
Fluorene
Concen: 20.289 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:166 Resp: 554647

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.3	11.0	16.4

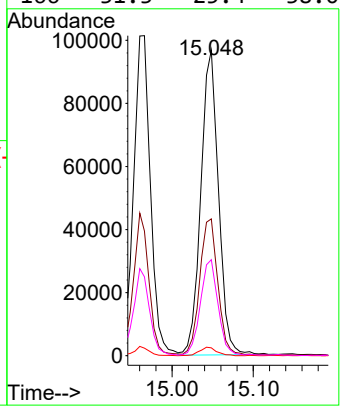




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.381 ng
RT: 15.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:232 Resp: 14592

Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.0	55.6
130	2.7	1.9	2.9
166	31.3	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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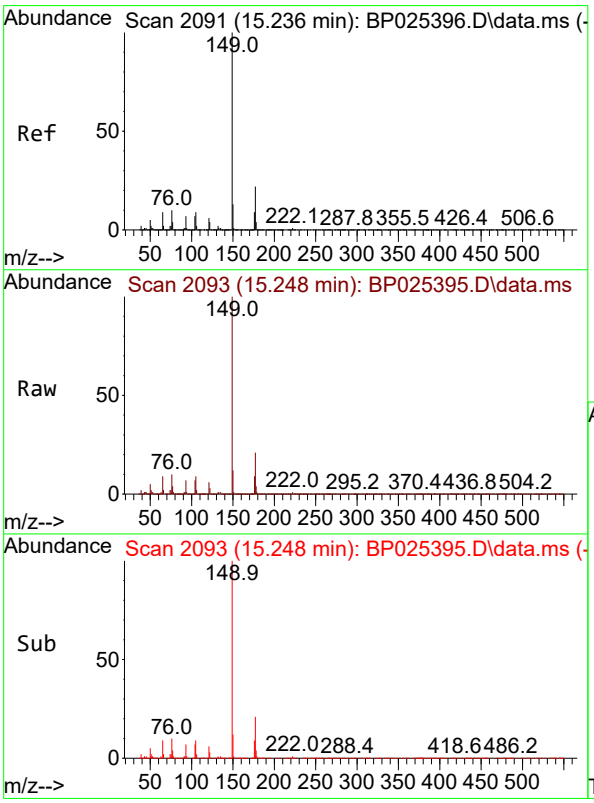
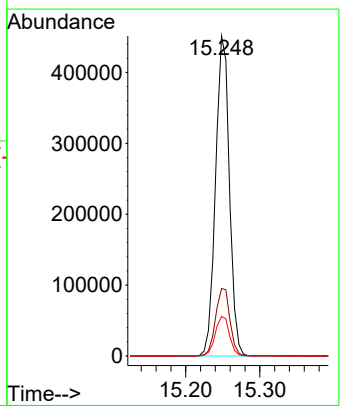
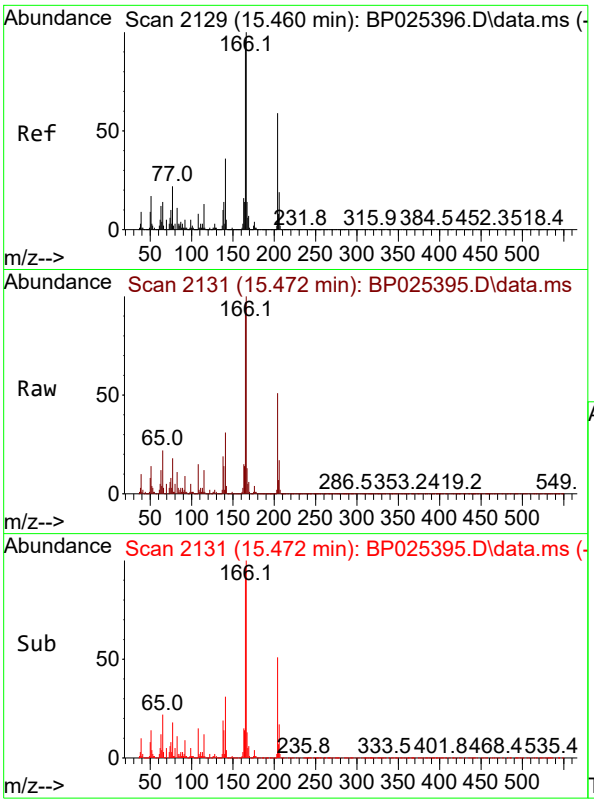


#60
Diethylphthalate
Concen: 19.689 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 584590

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.4	10.3	15.5

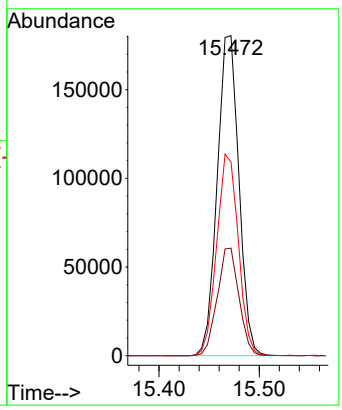




#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:204 Resp: 27094

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	60.5	49.4	74.2



Instrument :
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ClientSampleId :
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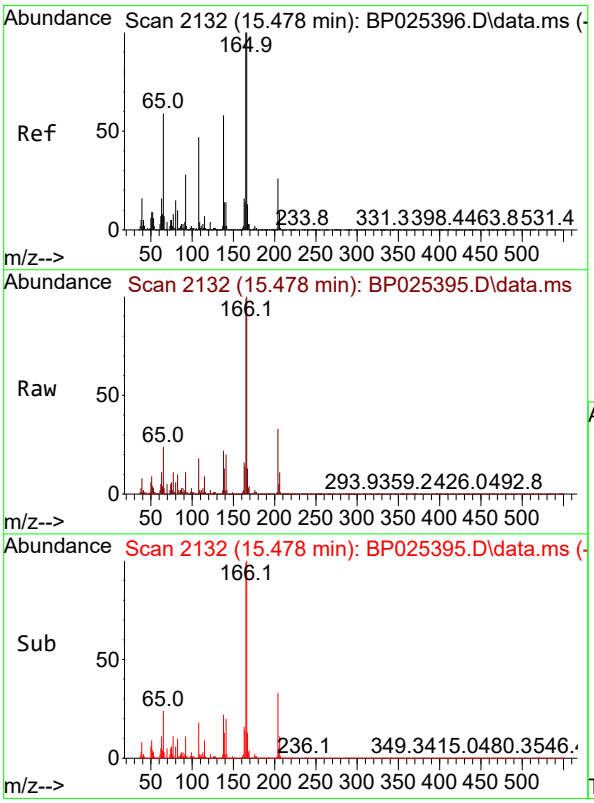
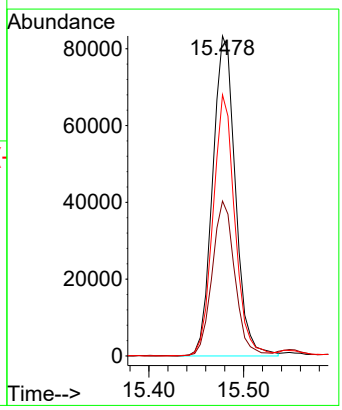
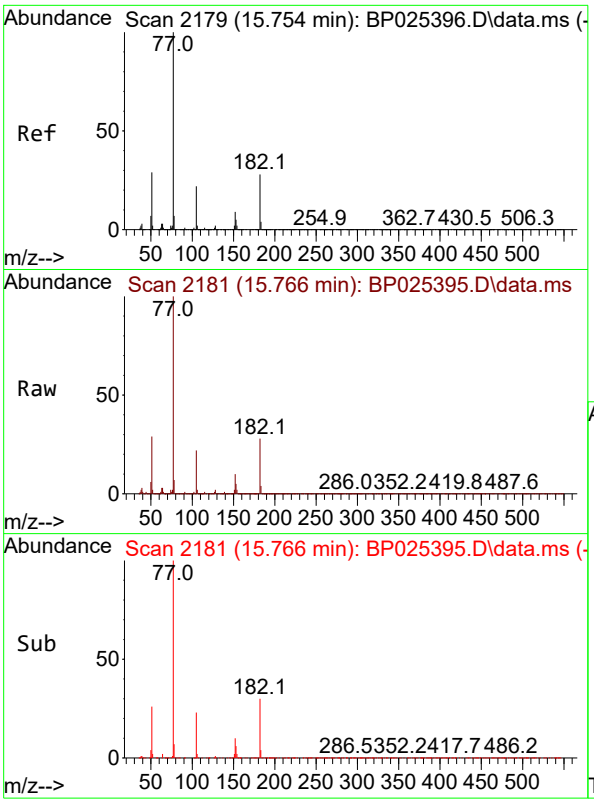


#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:138 Resp: 139202

Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.1	69.1
108	81.6	61.5	101.5

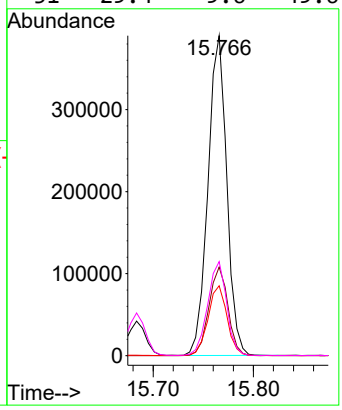




#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 77 Resp: 50856

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.5	47.5
105	21.9	2.1	42.1
51	29.4	9.6	49.6



Instrument :
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ClientSampleId :
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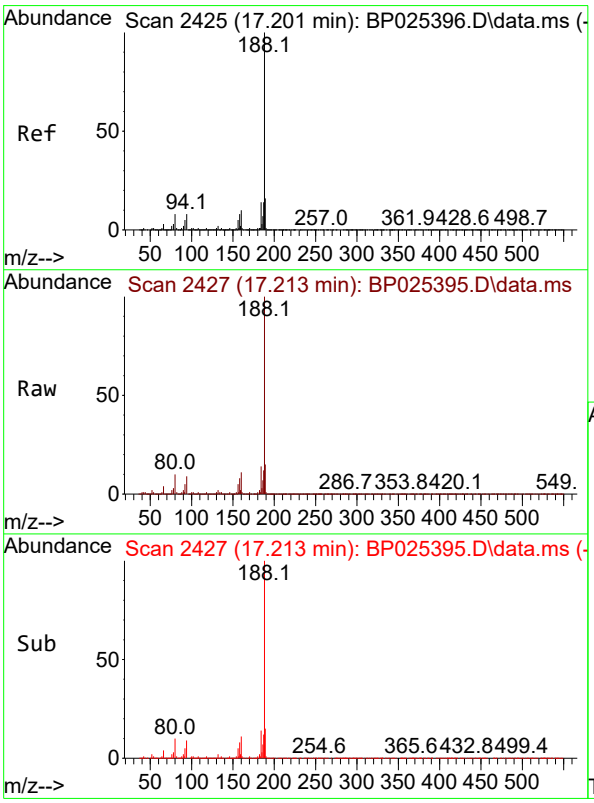
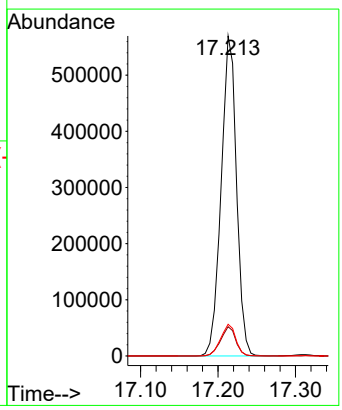
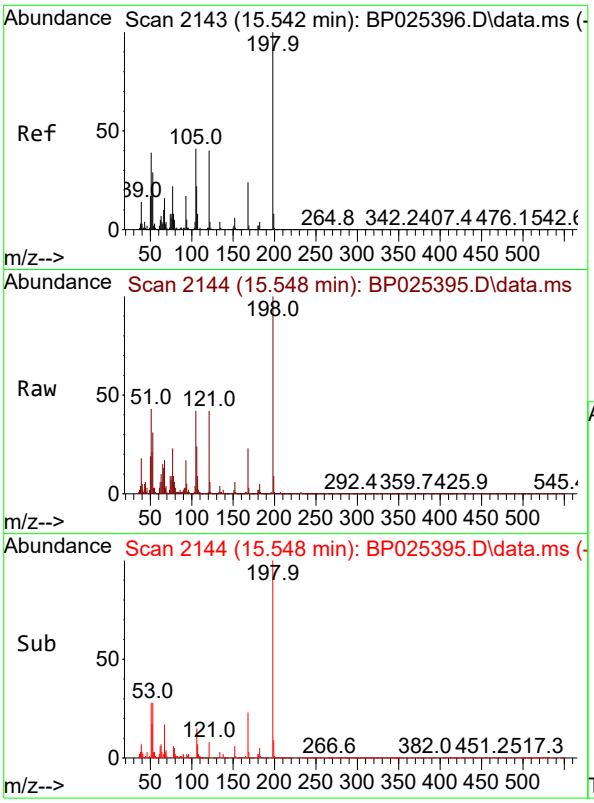


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:188 Resp: 785736

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.9	6.7	10.1

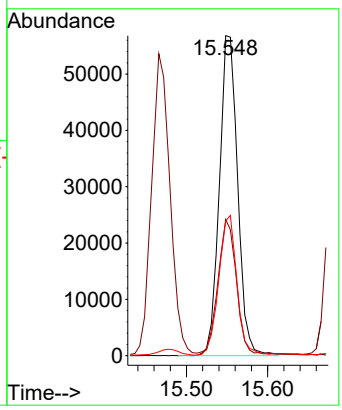




#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:198 Resp: 8899

Ion	Ratio	Lower	Upper
198	100		
51	42.6	19.6	59.6
105	42.2	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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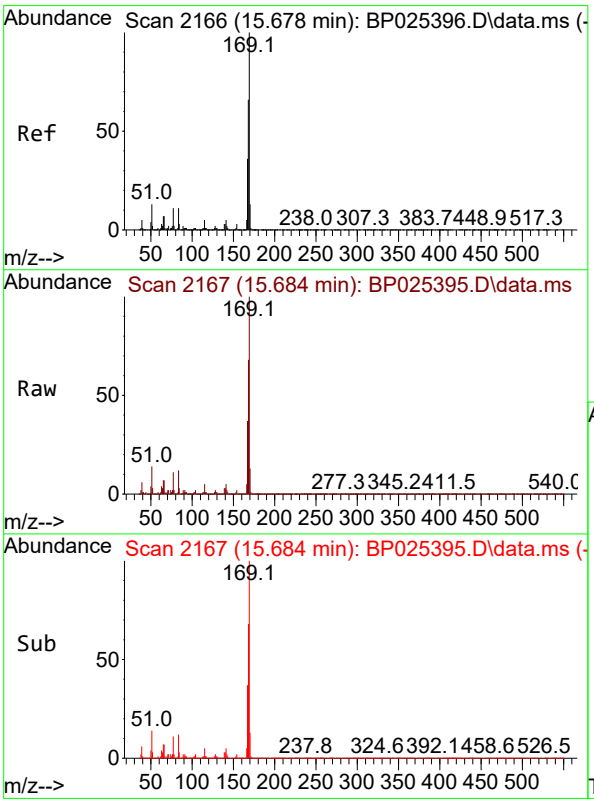
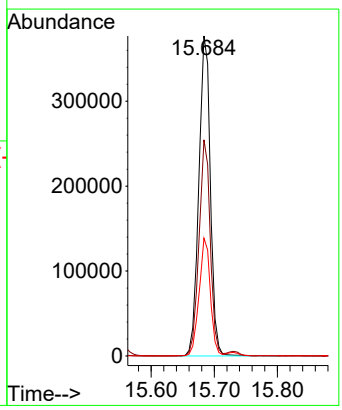
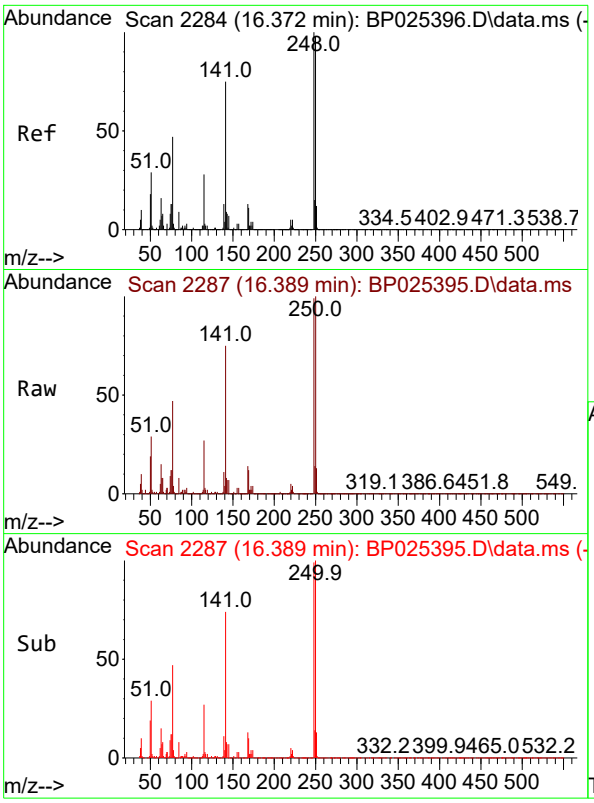


#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.8	28.7	43.1

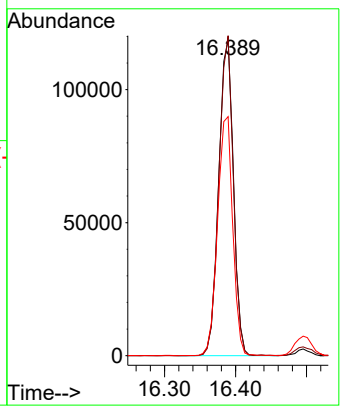




#67
4-Bromophenyl-phenylether
Concen: 19.758 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:248 Resp: 17073

Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.2	117.2
141	75.7	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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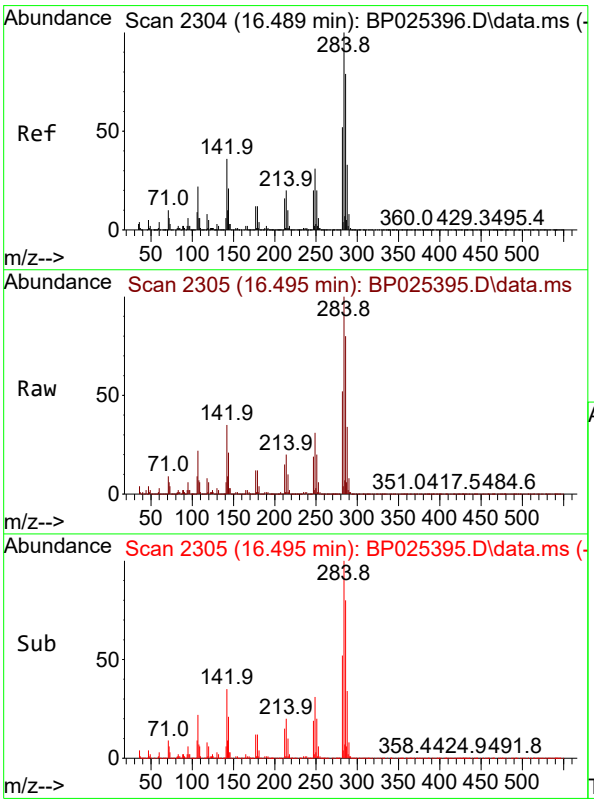
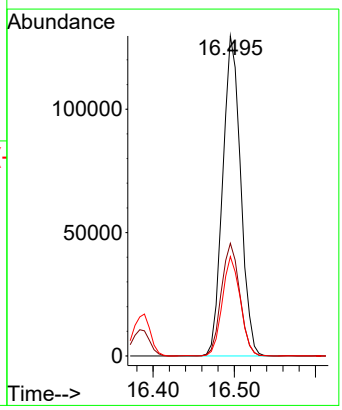
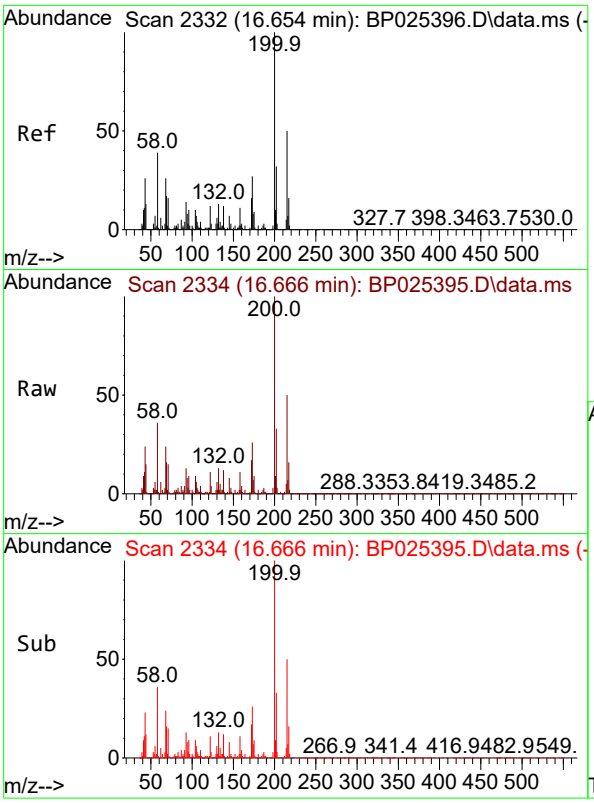


#68
Hexachlorobenzene
Concen: 19.906 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:284 Resp: 199410

Ion	Ratio	Lower	Upper
284	100		
142	35.2	29.1	43.7
249	31.0	25.0	37.4

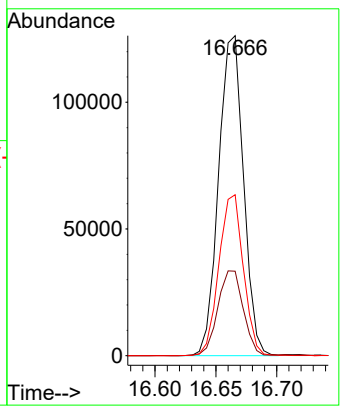




#69
Atrazine
Concen: 20.006 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:200 Resp: 17951

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.7	46.7
215	50.3	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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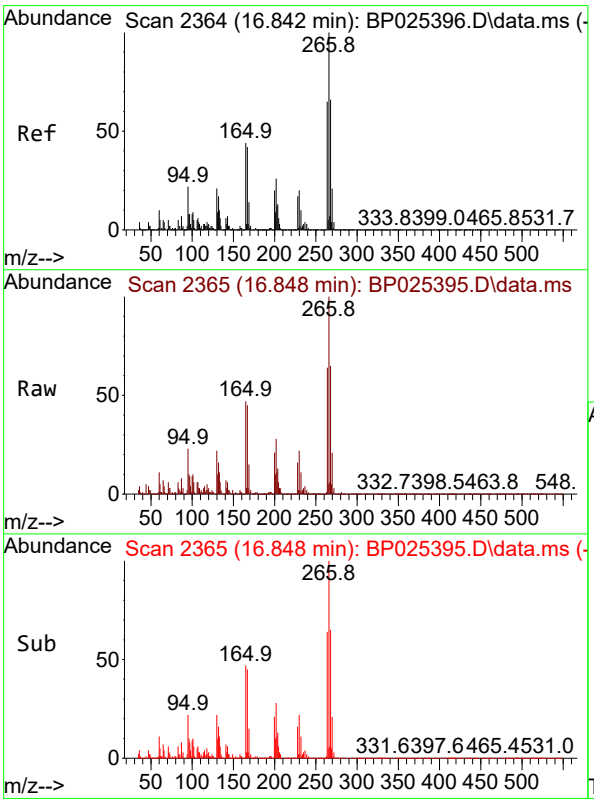
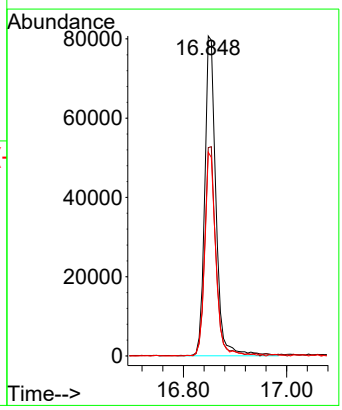
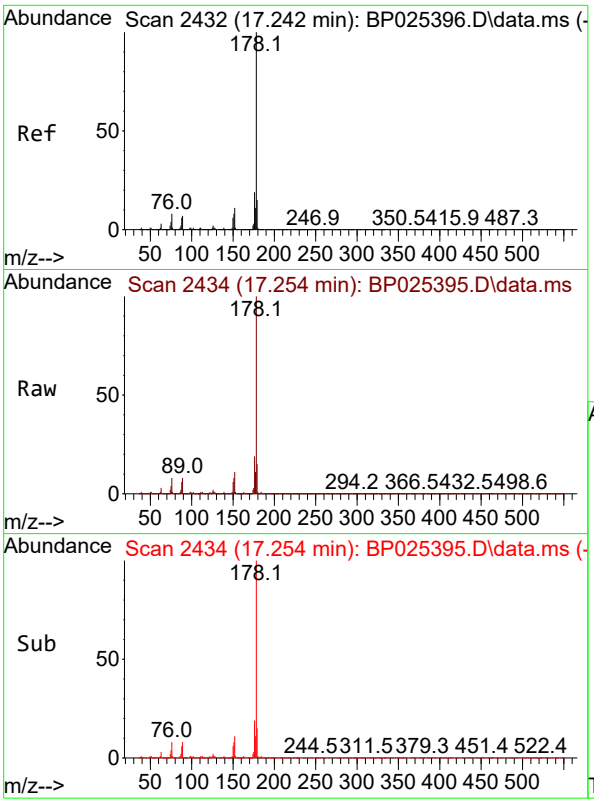


#70
Pentachlorophenol
Concen: 19.128 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:266 Resp: 120958

Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.6	79.0
264	63.6	52.0	78.0

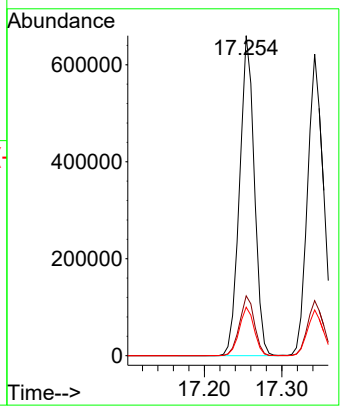




#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 87289

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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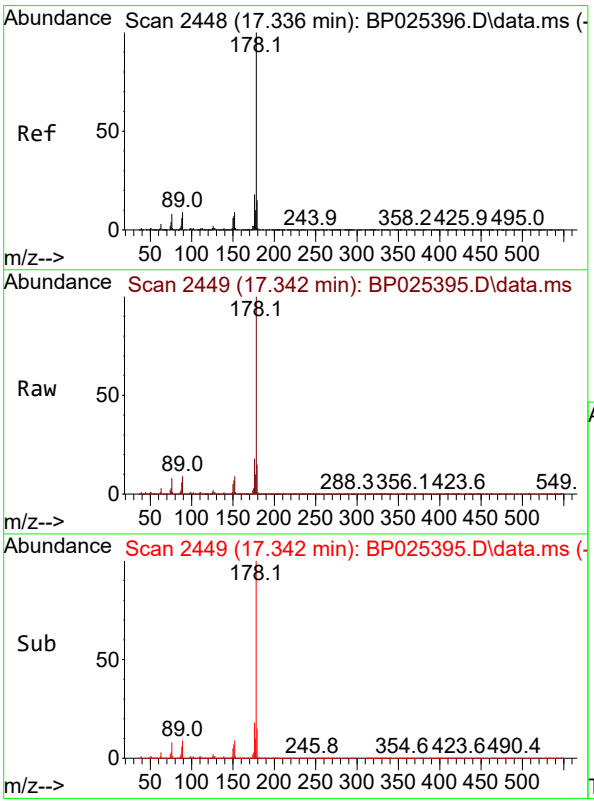
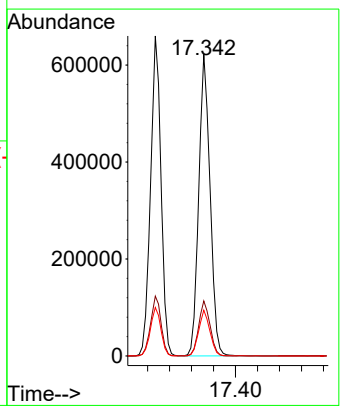
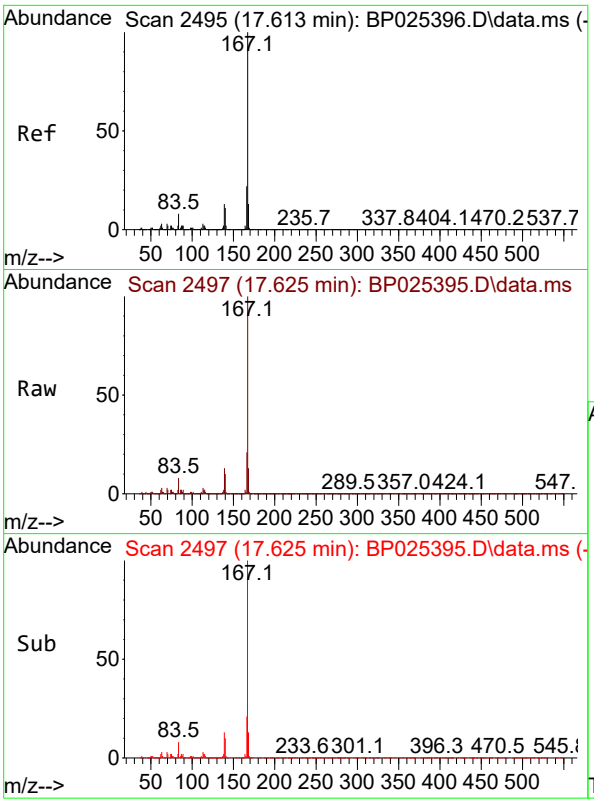


#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:178 Resp: 890292

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.2	18.2

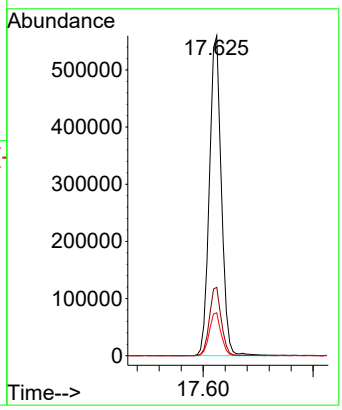




#73
Carbazole
Concen: 20.328 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:167 Resp: 84397

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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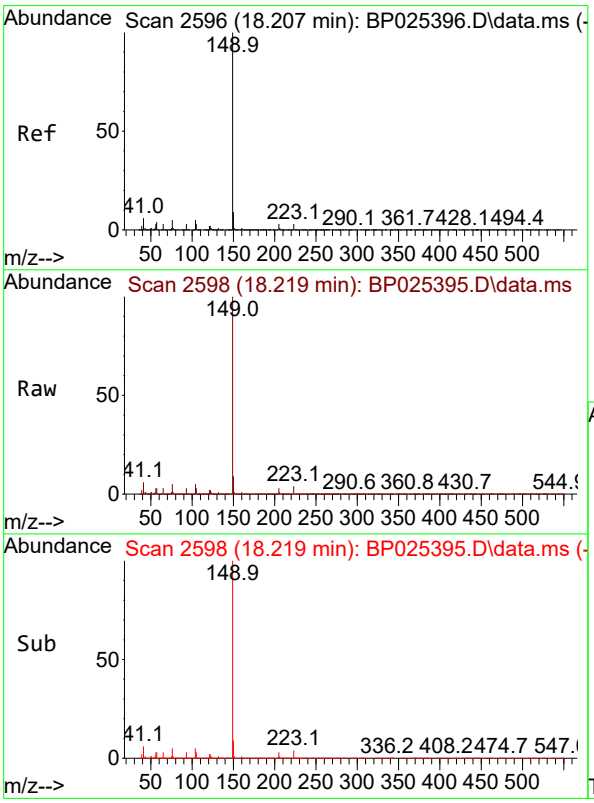
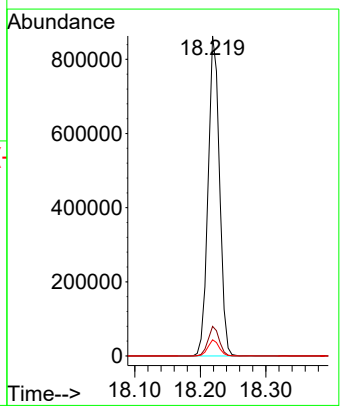
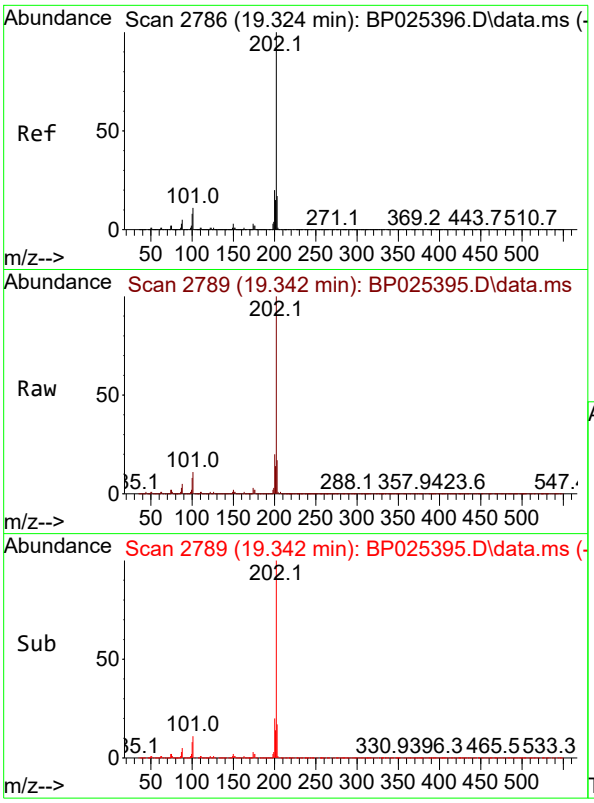


#74
Di-n-butylphthalate
Concen: 20.491 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 1046709

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.2

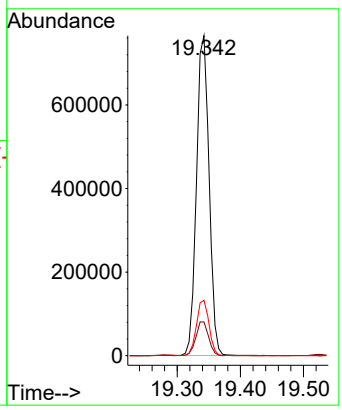




#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:202 Resp: 105891

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.3	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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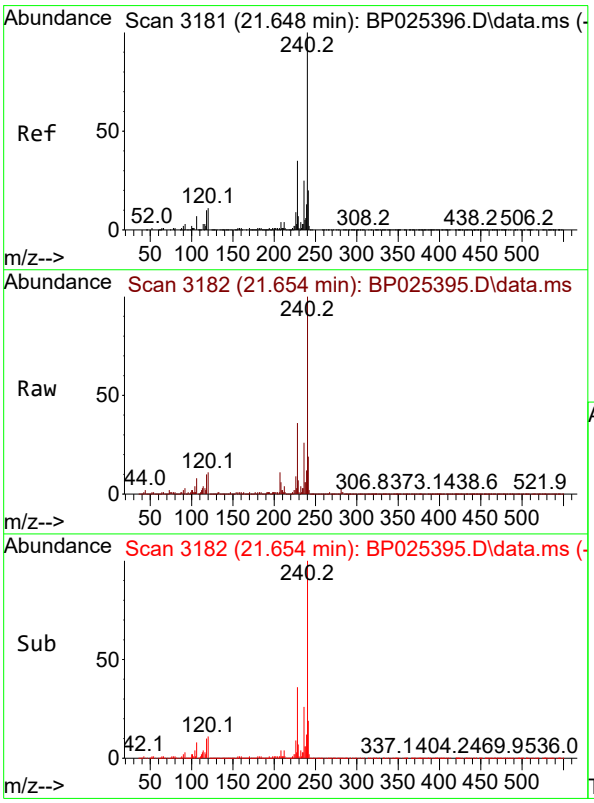
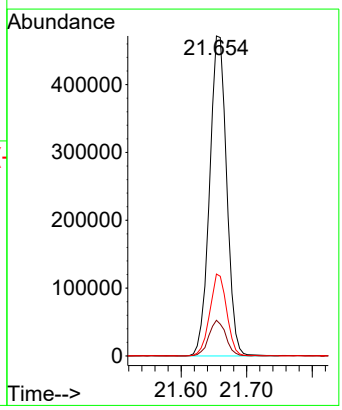
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

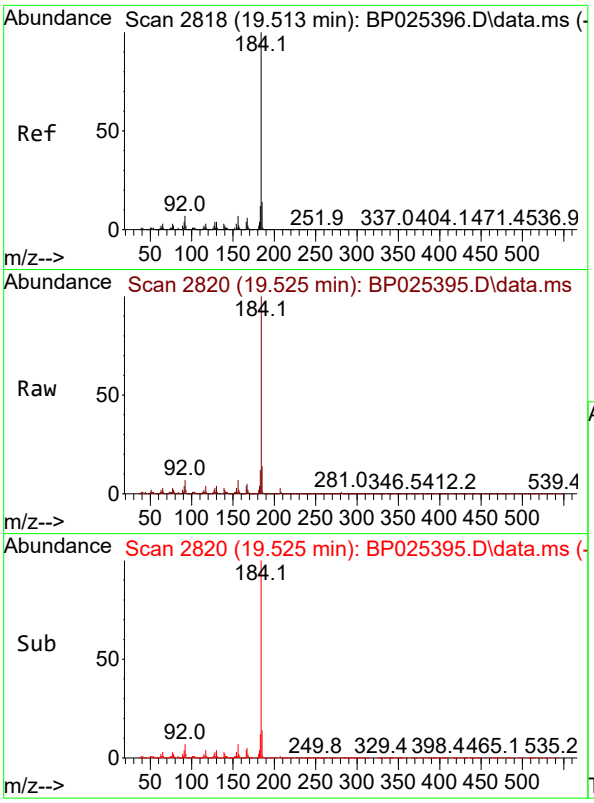


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:240 Resp: 852065

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	19.8	29.8

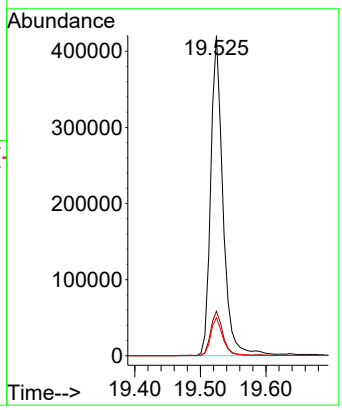




#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 54664

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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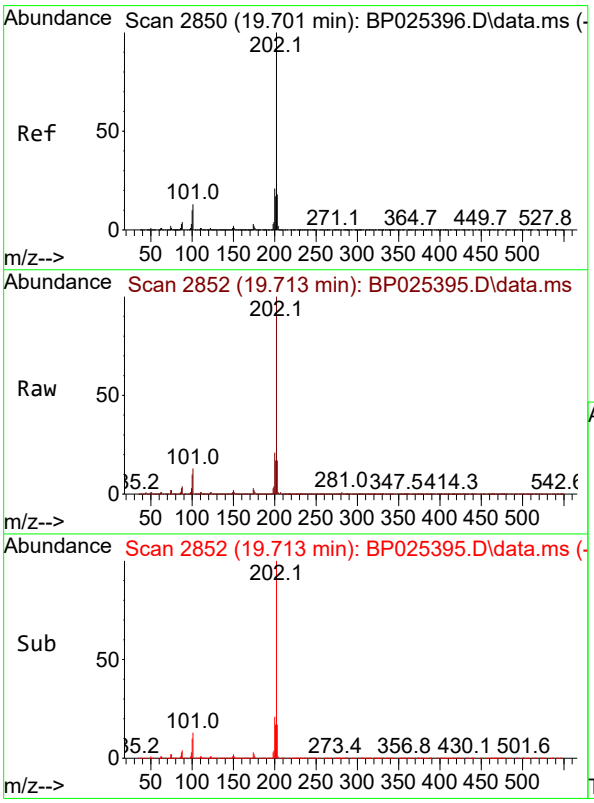
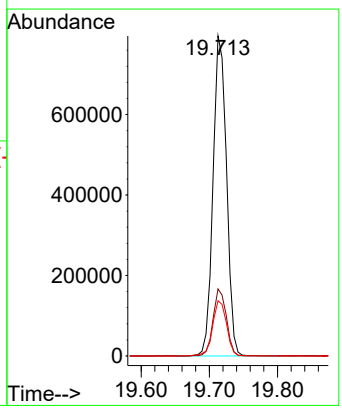
Supervised By :Jagrut Upadhyay 08/15/2025

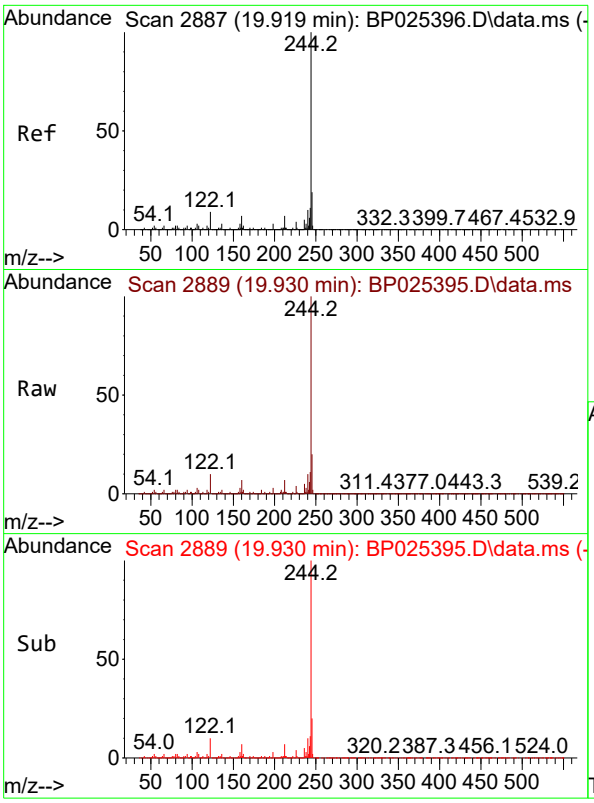


#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:202 Resp: 1096965

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.3	14.2	21.2

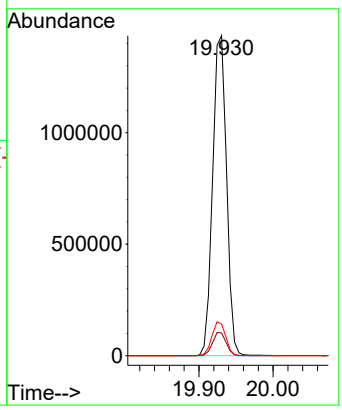




#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:244 Resp: 186995

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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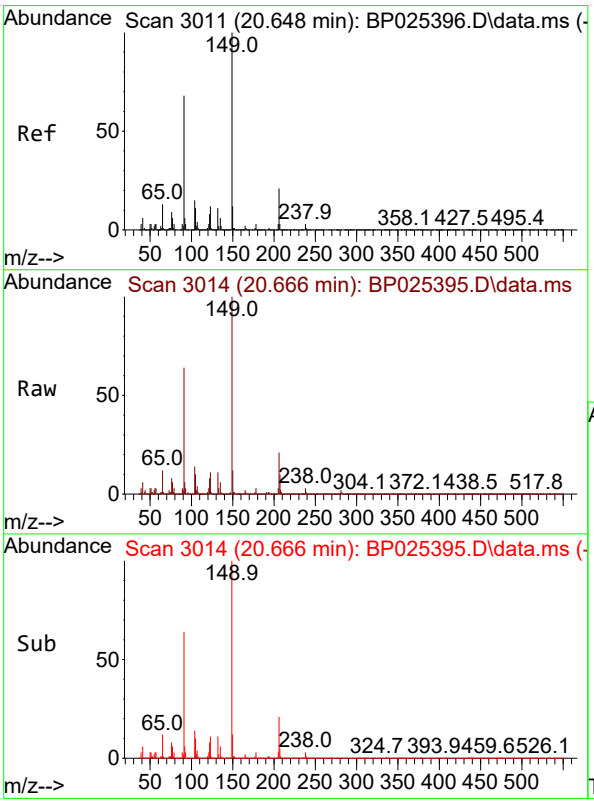
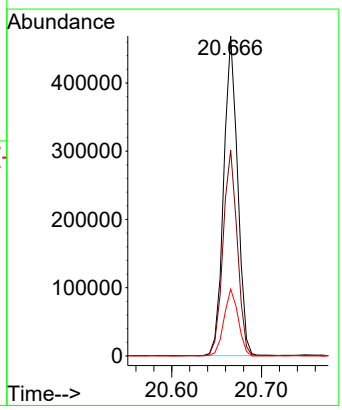
Supervised By :Jagrut Upadhyay 08/15/2025

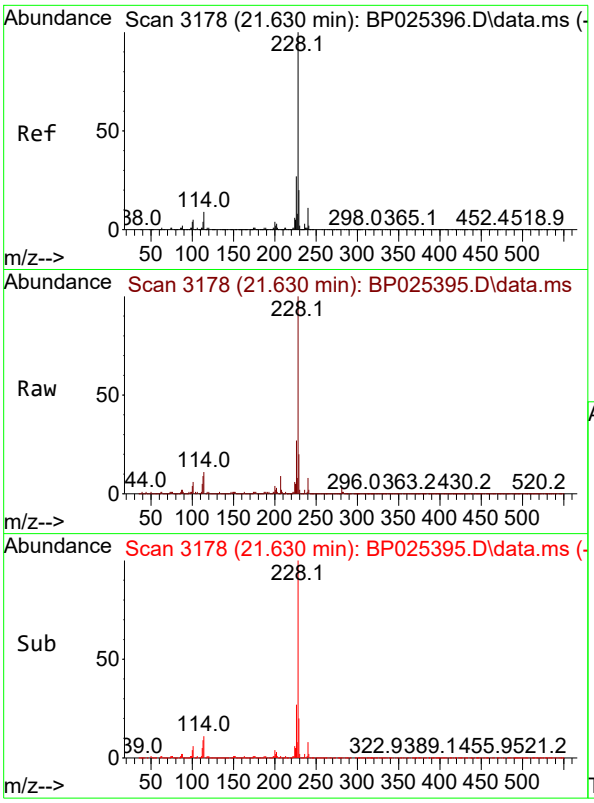


#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 504019

Ion	Ratio	Lower	Upper
149	100		
91	64.4	54.2	81.2
206	20.9	16.6	24.8

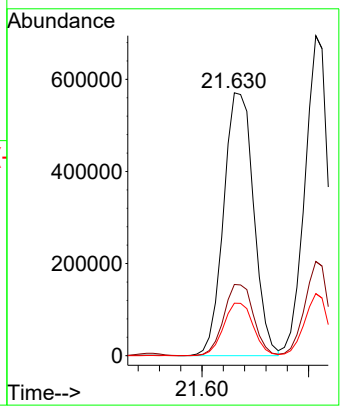




#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 111859

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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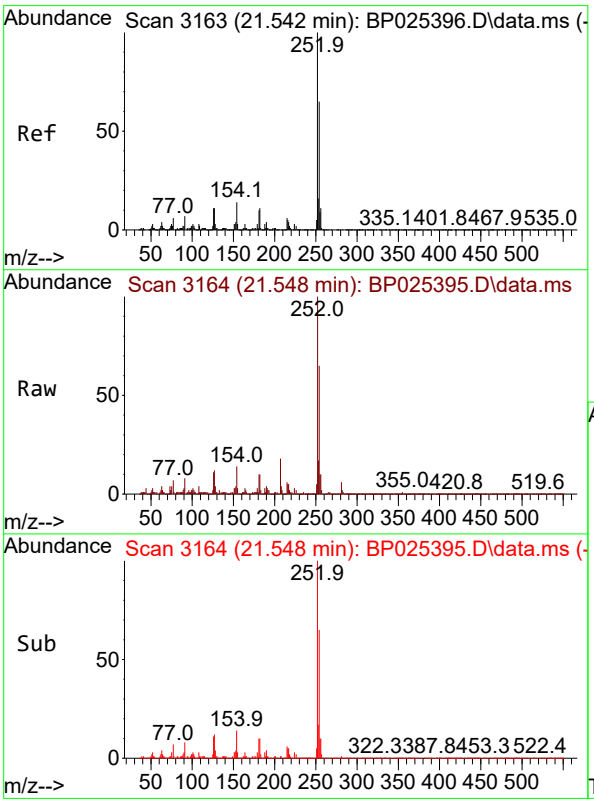
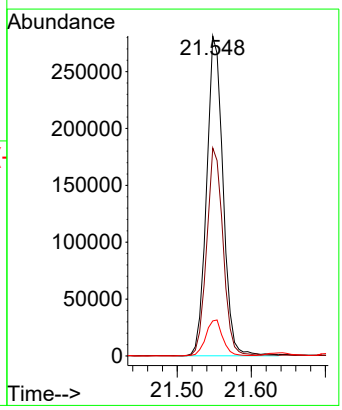
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

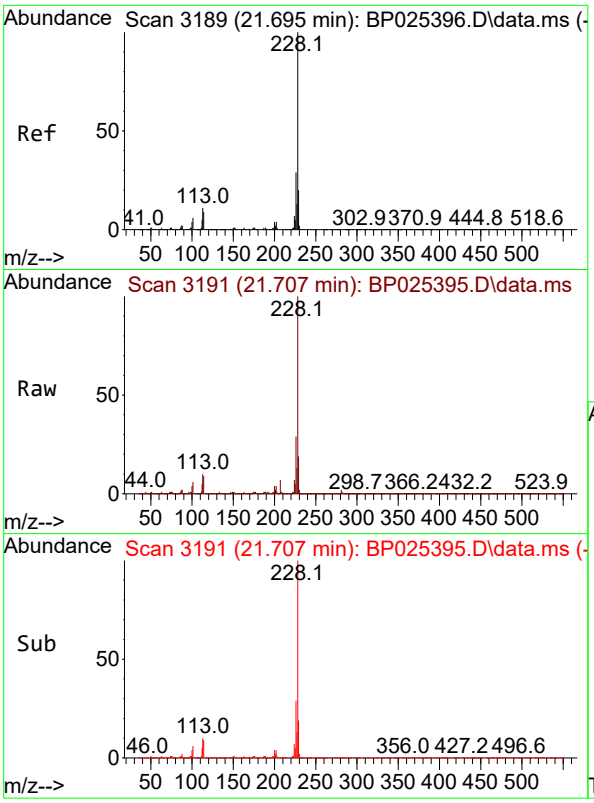


#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 432075

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	10.9	9.1	13.7

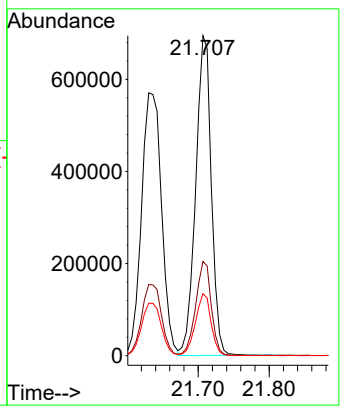




#83
Chrysene
Concen: 20.216 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:228 Resp: 106389

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.4	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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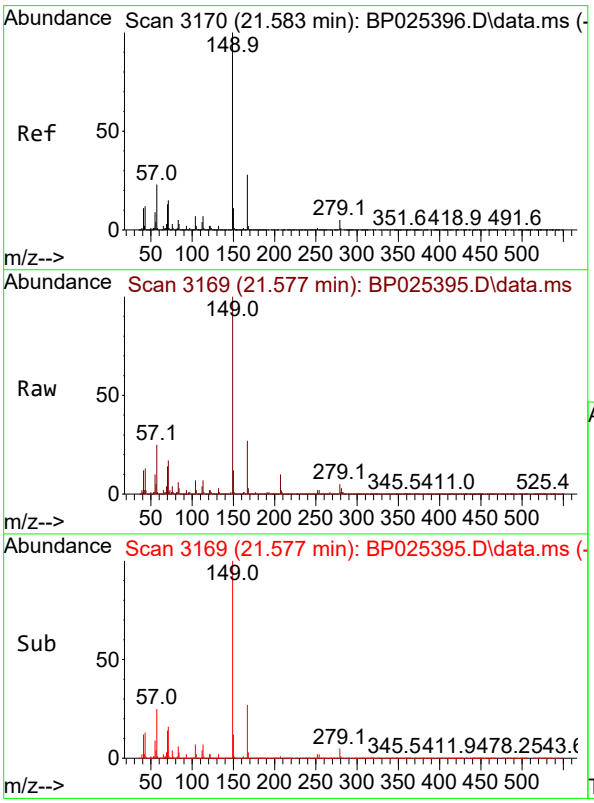
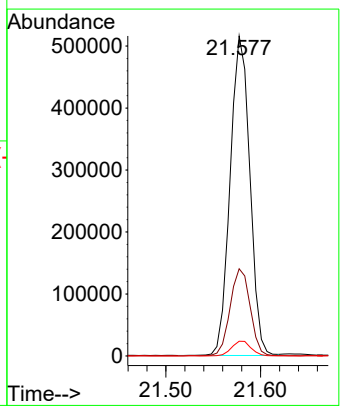
Supervised By :Jagrut Upadhyay 08/15/2025

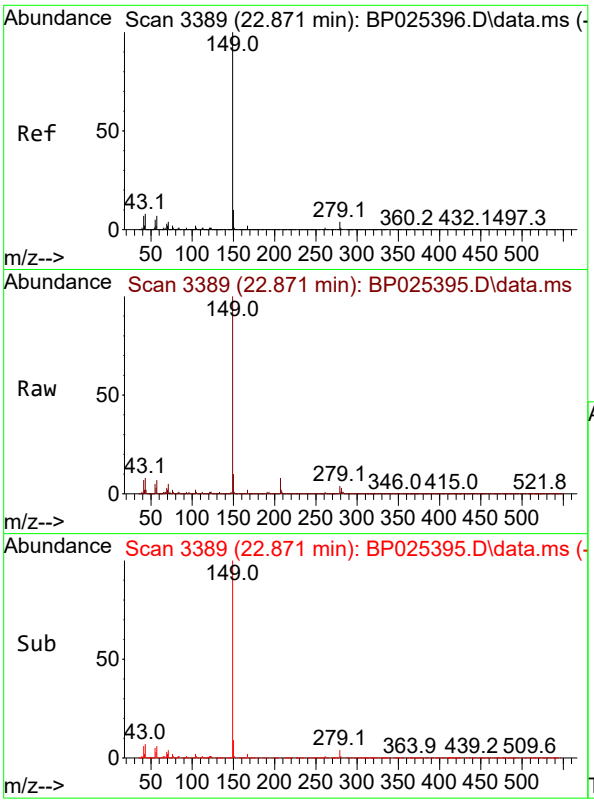


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.155 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 744704

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.6	3.8	5.6

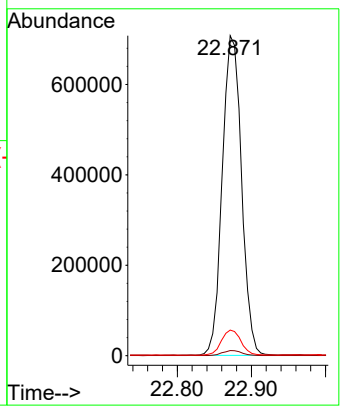




#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:149 Resp: 127679

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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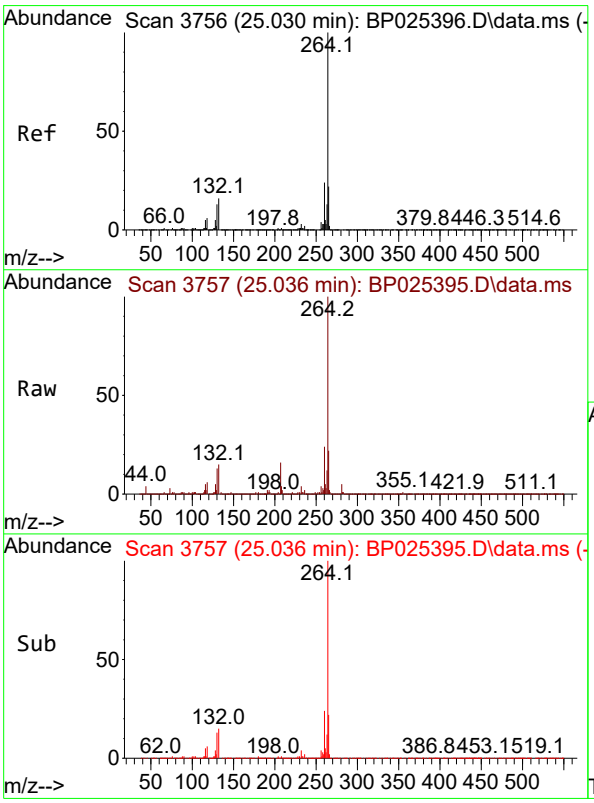
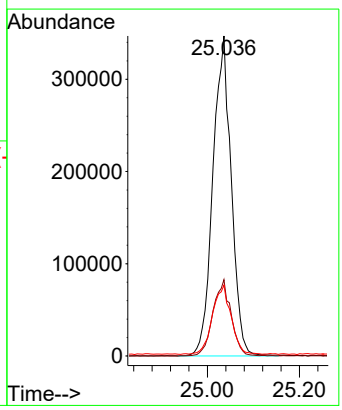
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

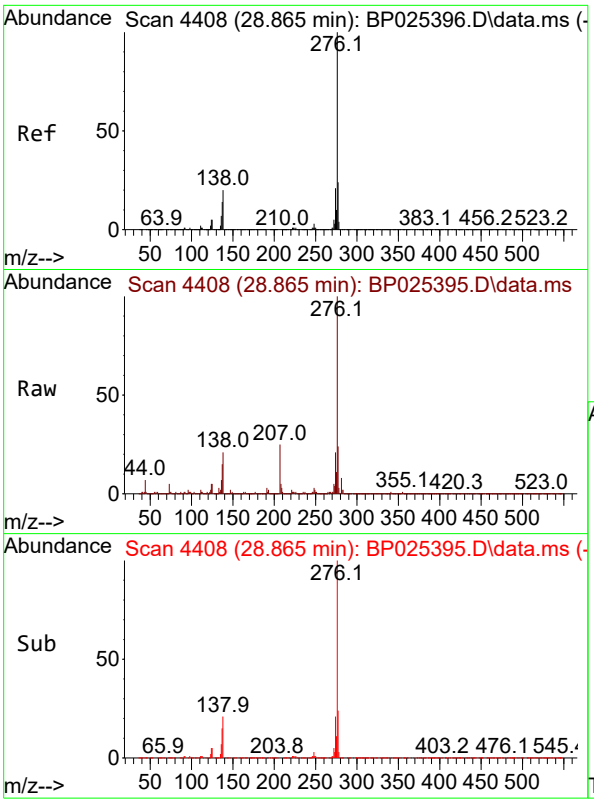


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:264 Resp: 958651

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.2	17.4	26.0

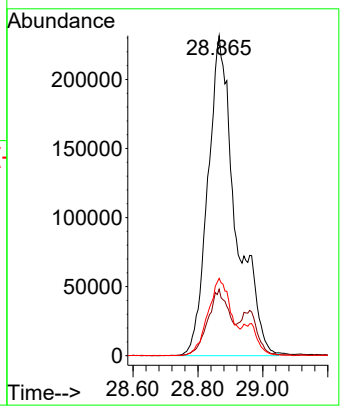




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 138033

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	20.1	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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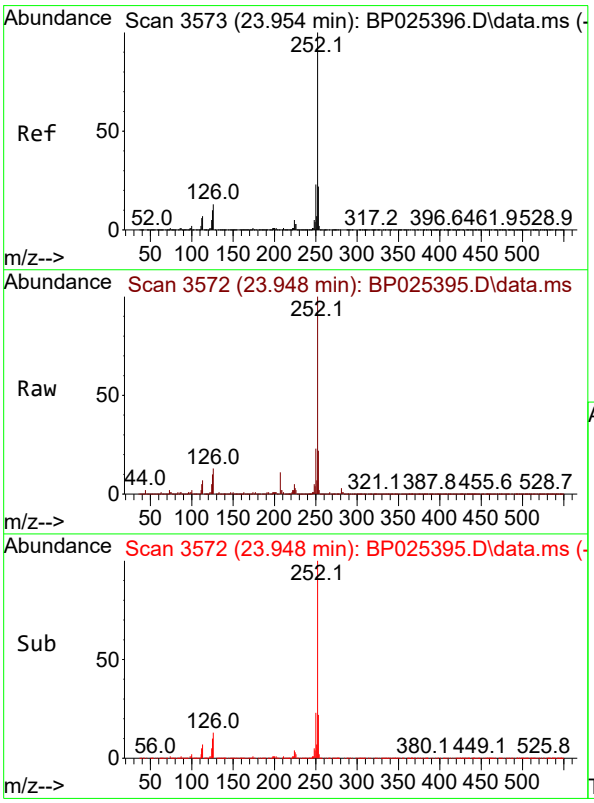
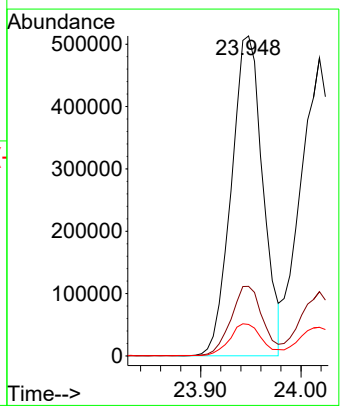
Supervised By :Jagrut Upadhyay 08/15/2025

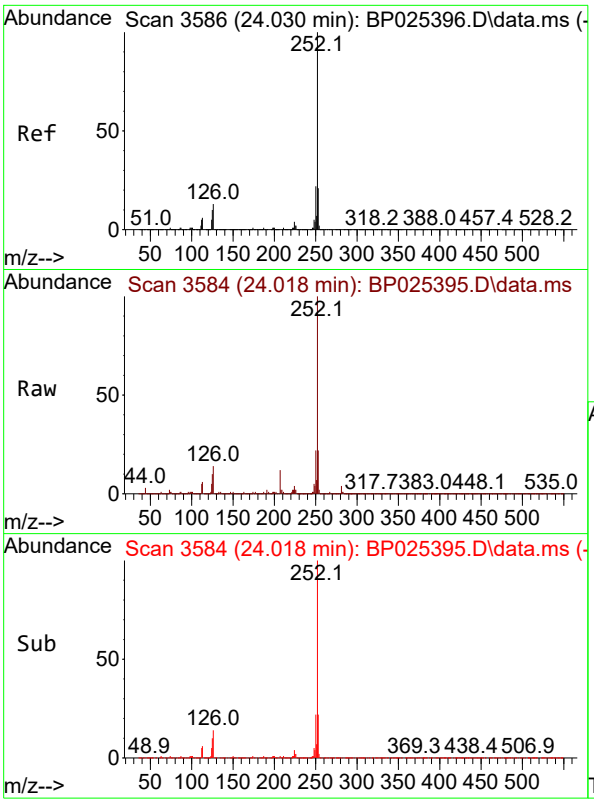


#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1122408

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.9	7.9	11.9

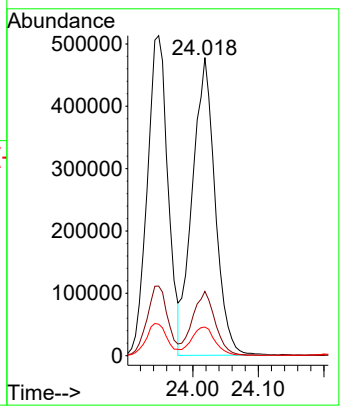




#89
Benzo(k)fluoranthene
Concen: 20.336 ng
RT: 24.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 115036

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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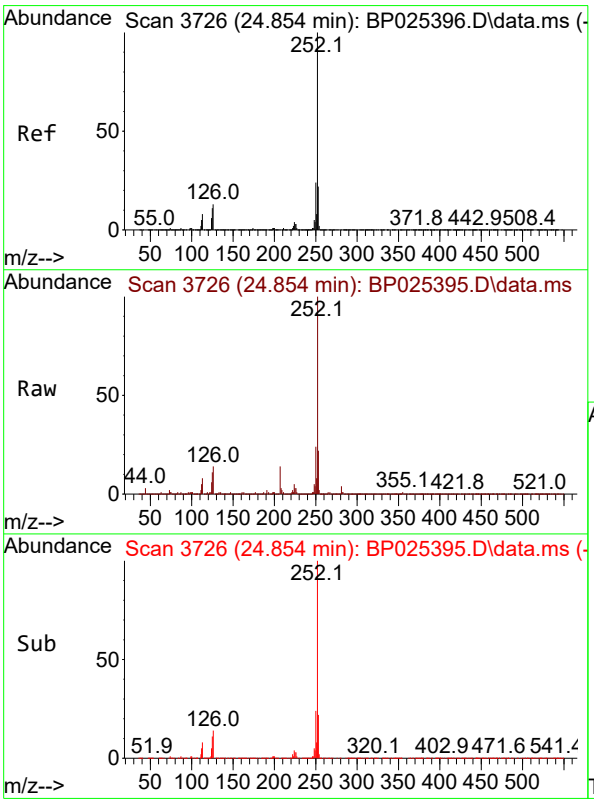
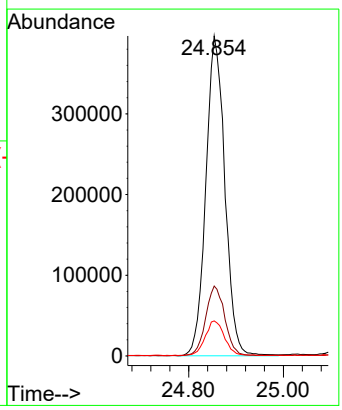
Supervised By :Jagrut Upadhyay 08/15/2025

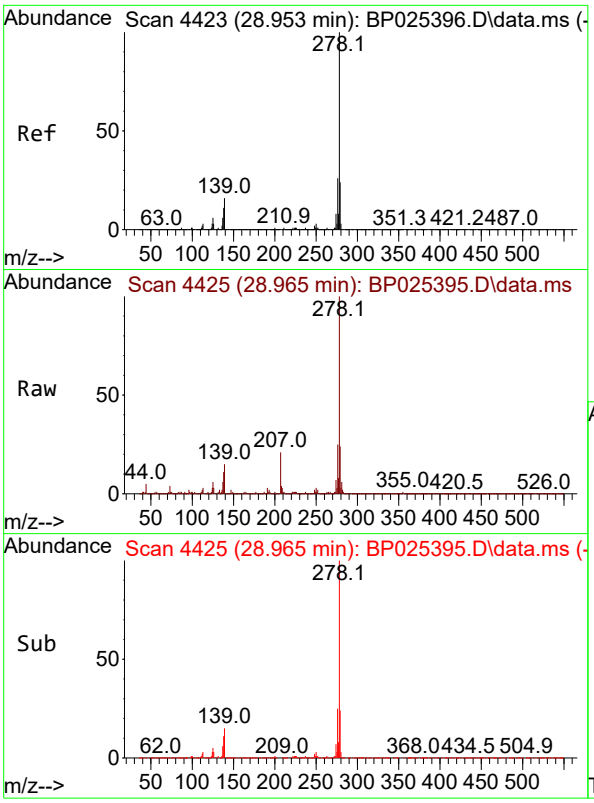


#90
Benzo(a)pyrene
Concen: 20.041 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 1102804

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.9	8.7	13.1

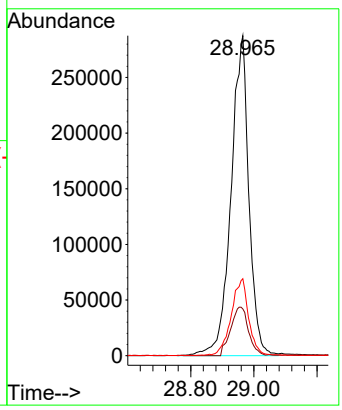




#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:278 Resp: 113020

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	24.1	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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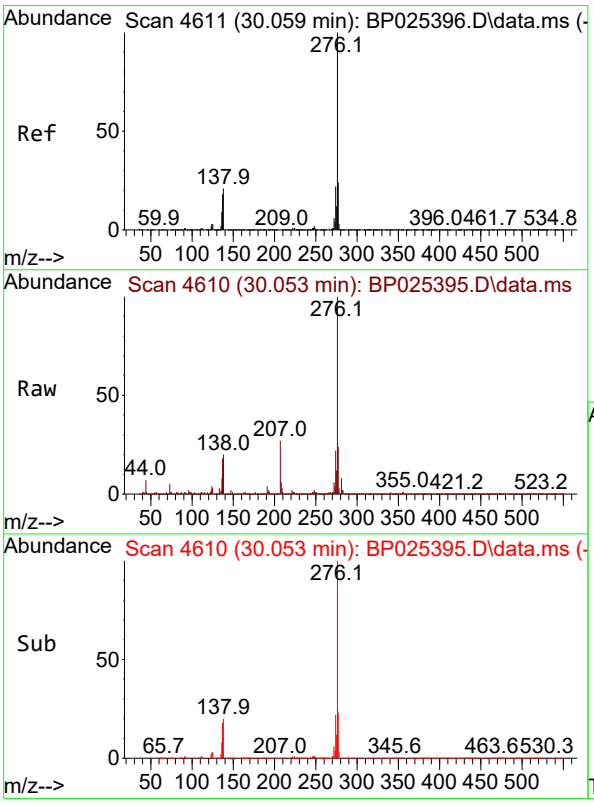
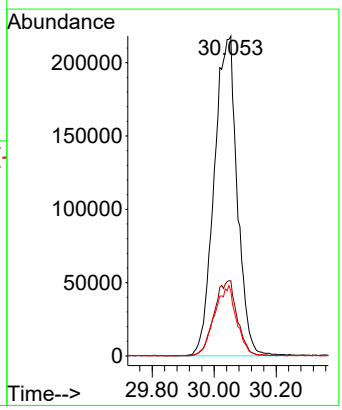
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:276 Resp: 1120307

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	20.4	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

ICAL Form

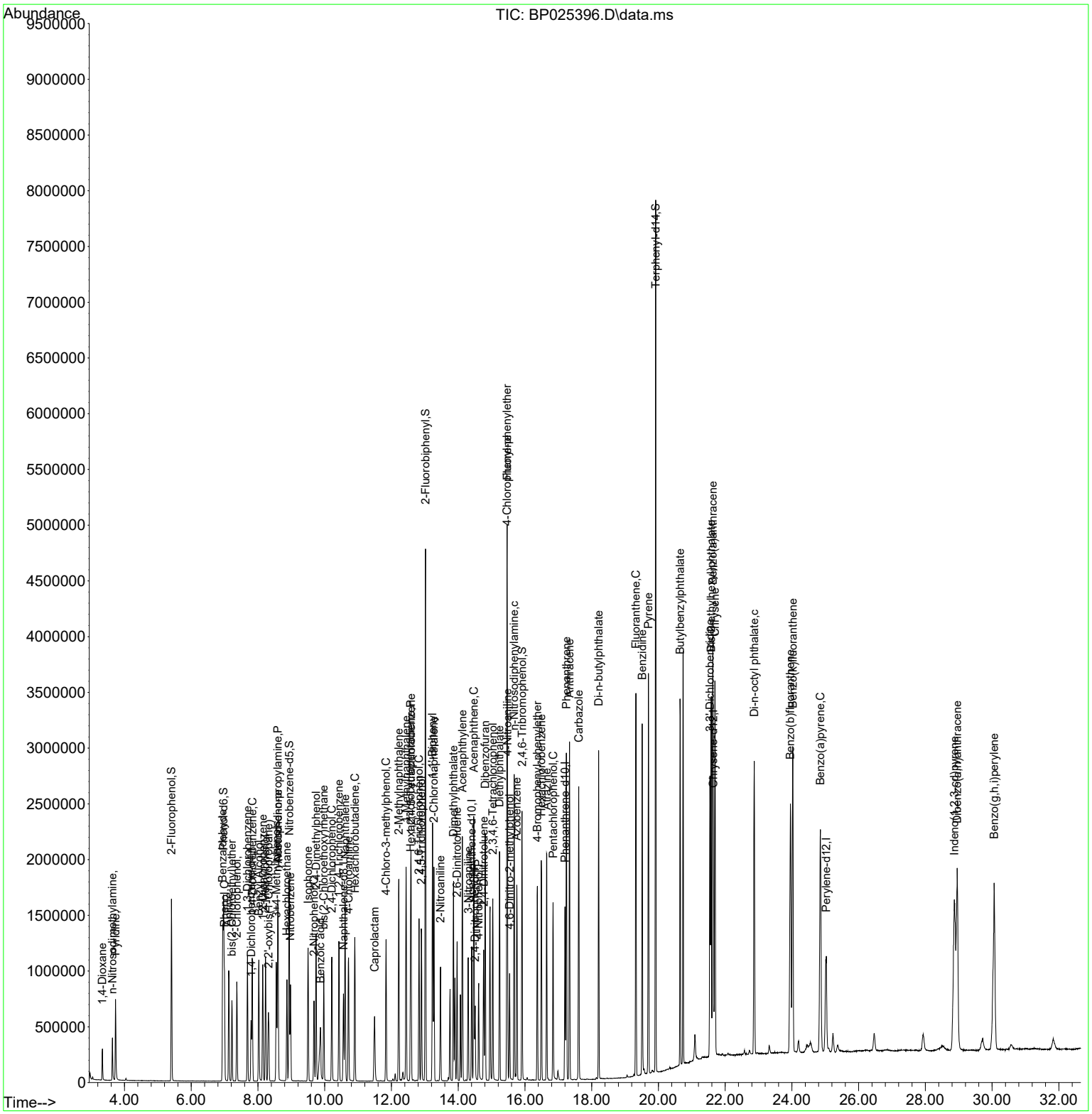
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

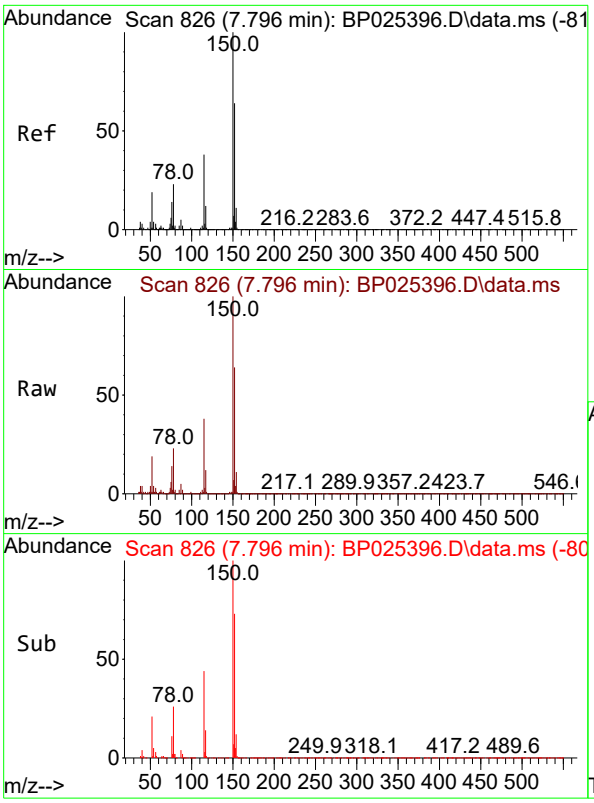
Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

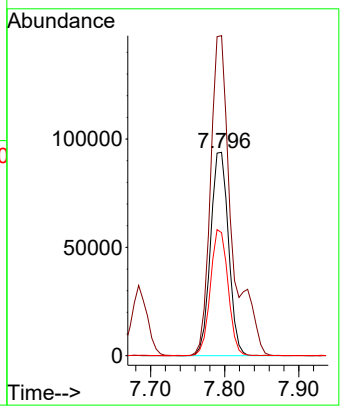




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 15770

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.6	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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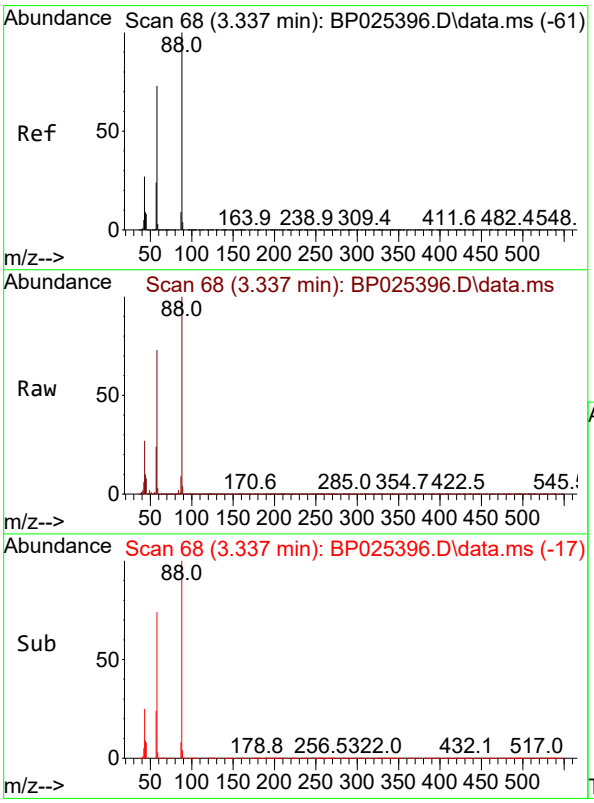
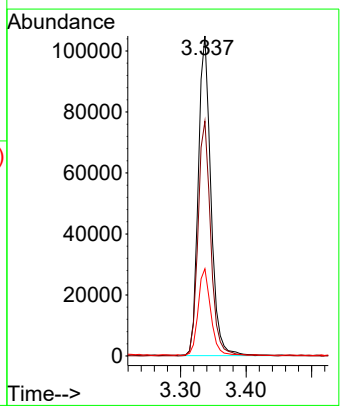
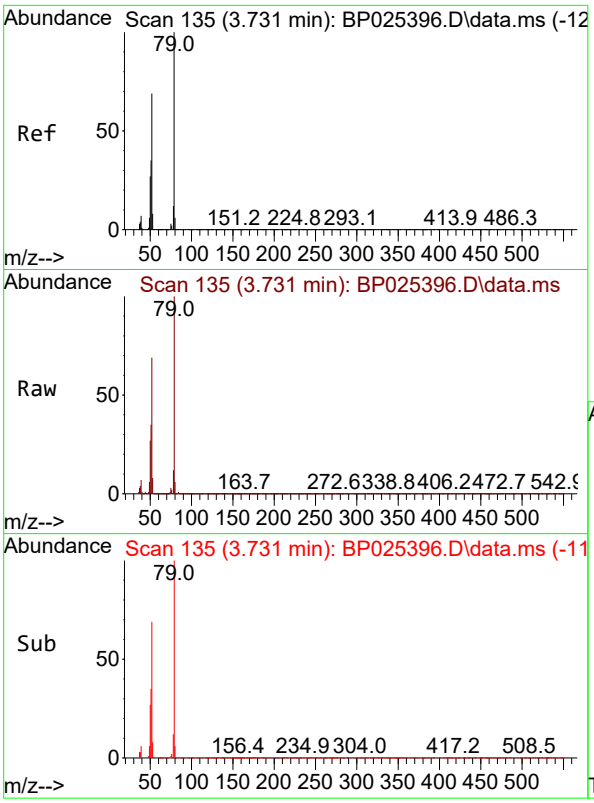


#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 88 Resp: 140326

Ion	Ratio	Lower	Upper
88	100		
58	74.0	59.2	88.8
43	27.1	21.7	32.5

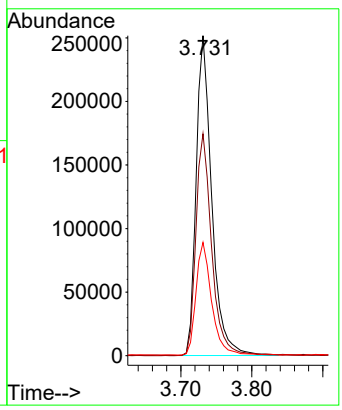




#3
Pyridine
Concen: 37.809 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 38493

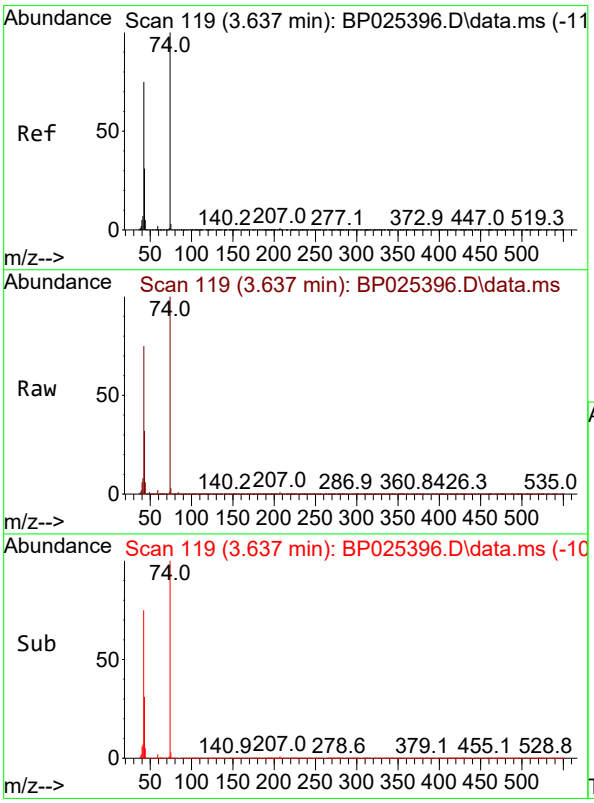
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

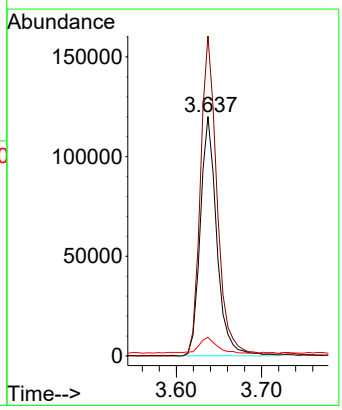
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

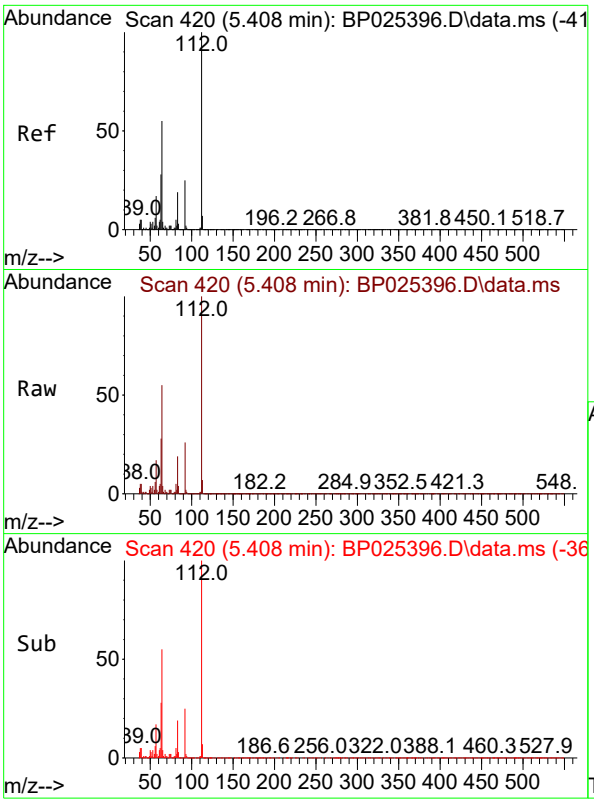


#4
n-Nitrosodimethylamine
Concen: 38.421 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 42 Resp: 161267

Ion	Ratio	Lower	Upper
42	100		
74	133.7	107.0	160.4
44	7.8	6.2	9.4

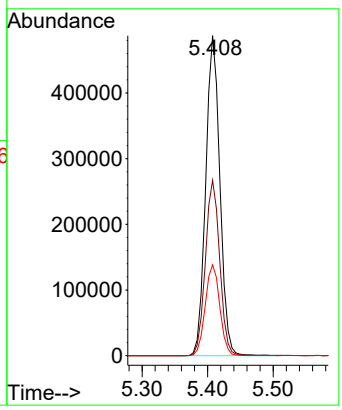




#5
2-Fluorophenol
Concen: 77.209 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:112 Resp: 73319

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.8	65.8
63	28.4	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
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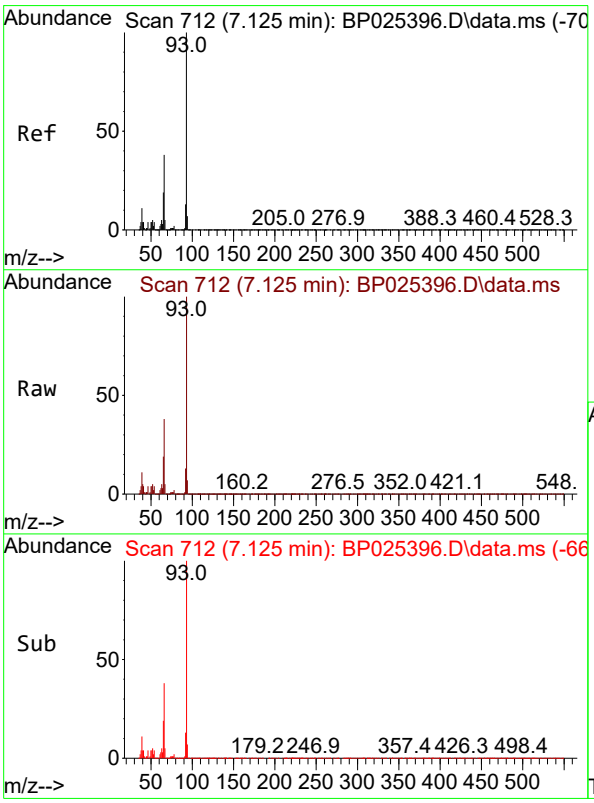
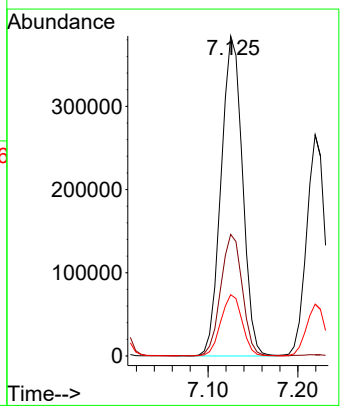
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

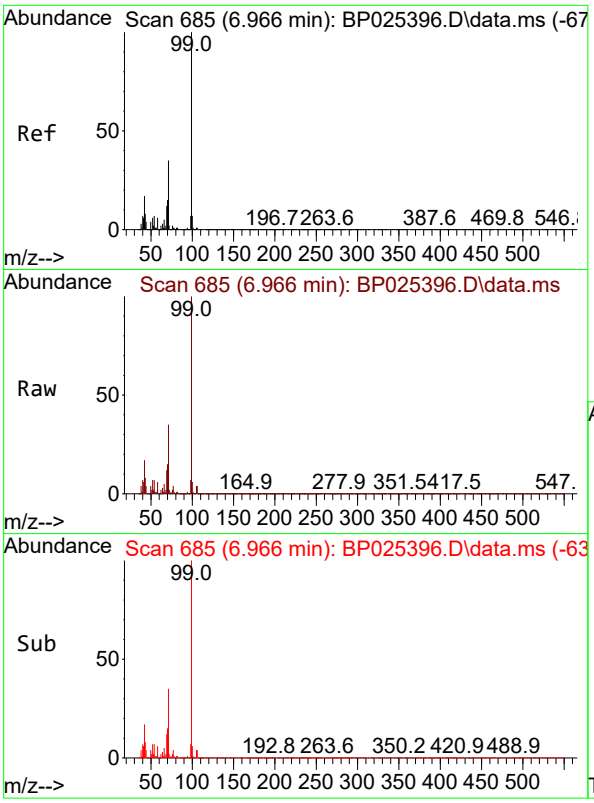


#6
Aniline
Concen: 38.842 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 637156

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

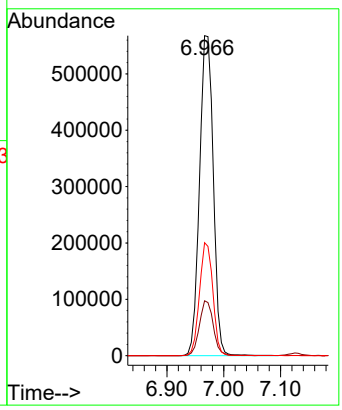




#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 99 Resp: 95428

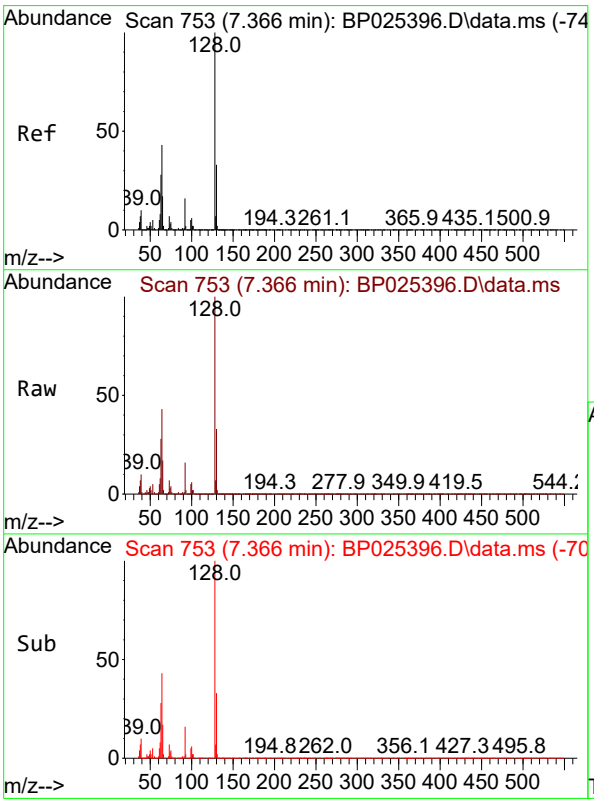
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.3	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

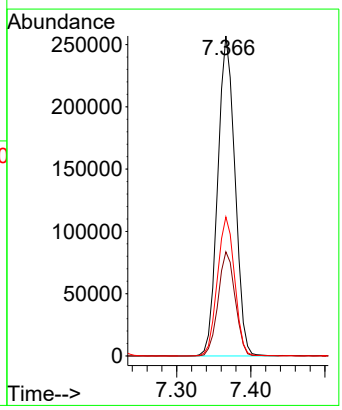
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

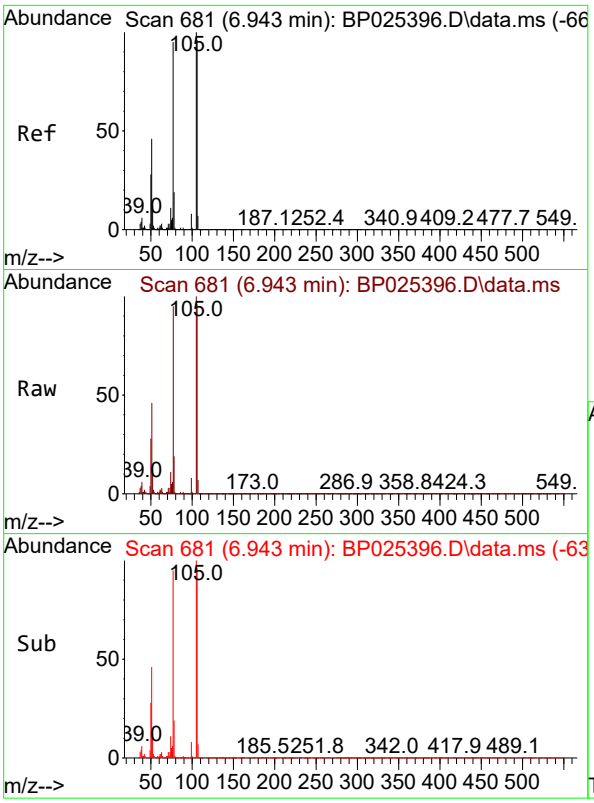


#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 414233

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	43.4	23.4	63.4

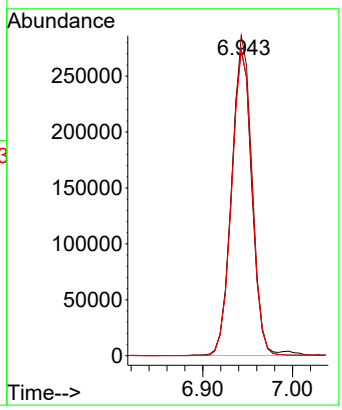




#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 43070

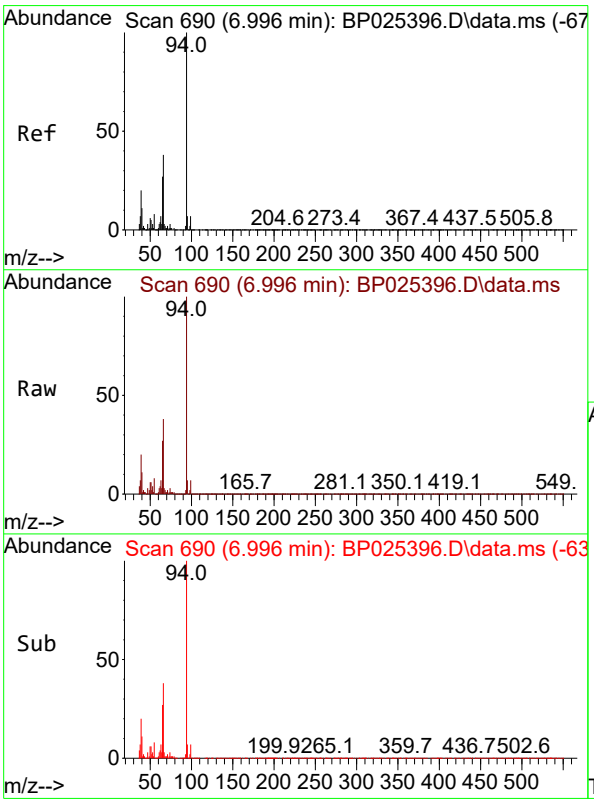
Ion	Ratio	Lower	Upper
77	100		
105	104.8	84.8	124.8
106	100.5	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

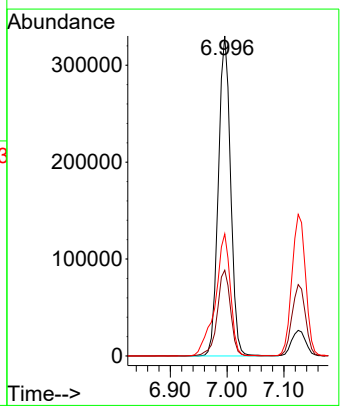
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

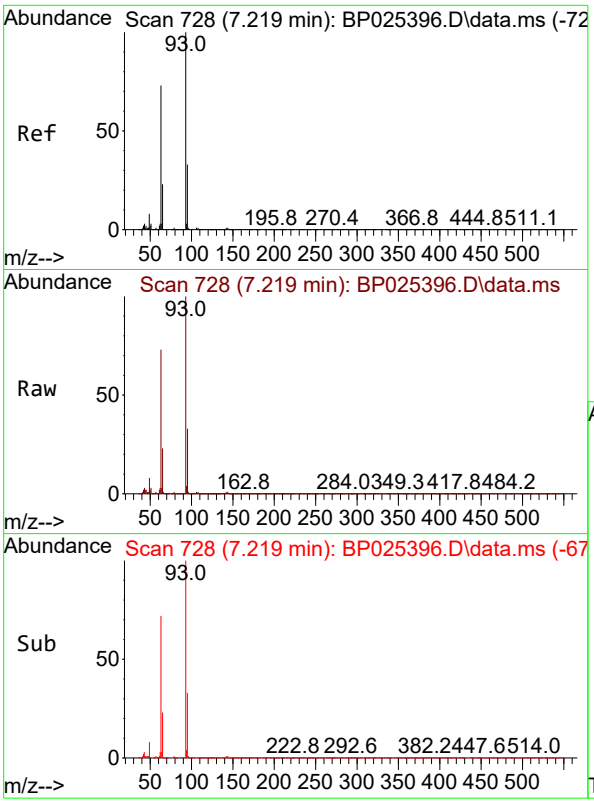


#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 94 Resp: 496755

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.8	46.8
66	38.2	18.2	58.2

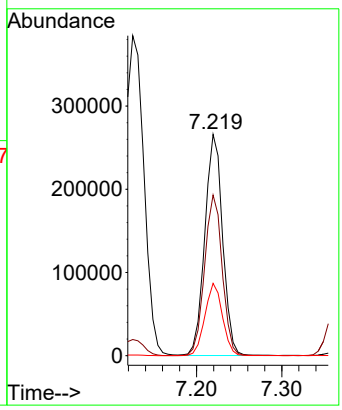




#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 38533

Ion	Ratio	Lower	Upper
93	100		
63	72.6	52.6	92.6
95	32.7	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
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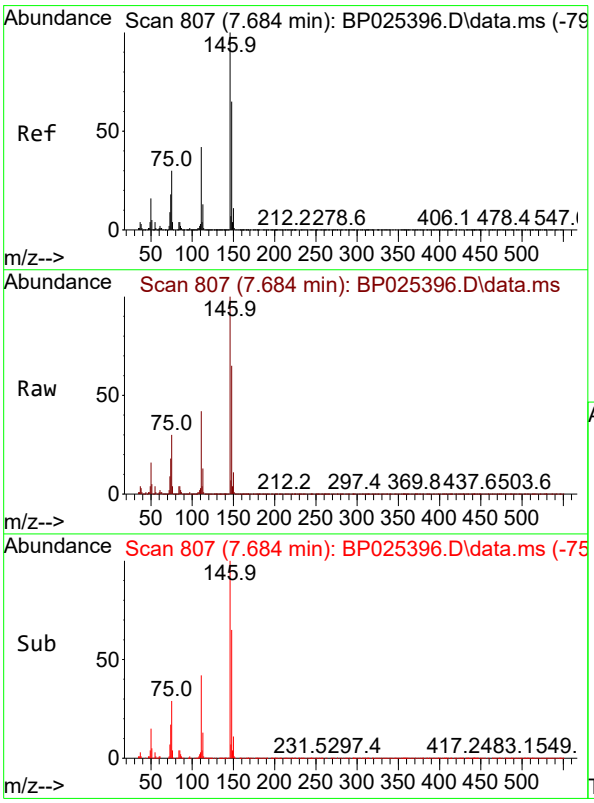
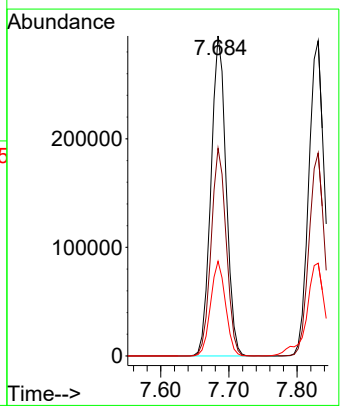
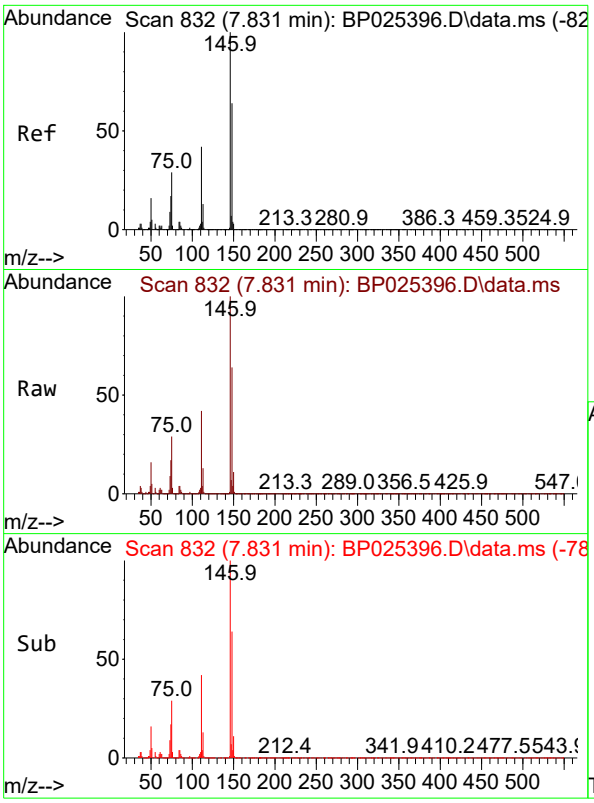


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 455200

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	29.6	23.7	35.5

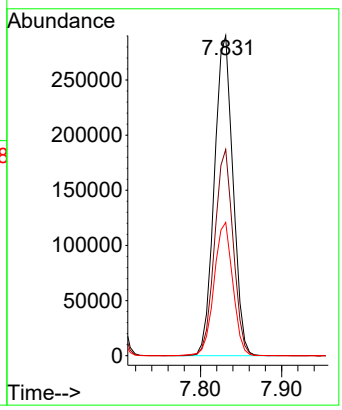




#13
1,4-Dichlorobenzene
Concen: 38.319 ng
RT: 7.831 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 46280

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.7	33.4	50.0



Instrument :
BNA_P
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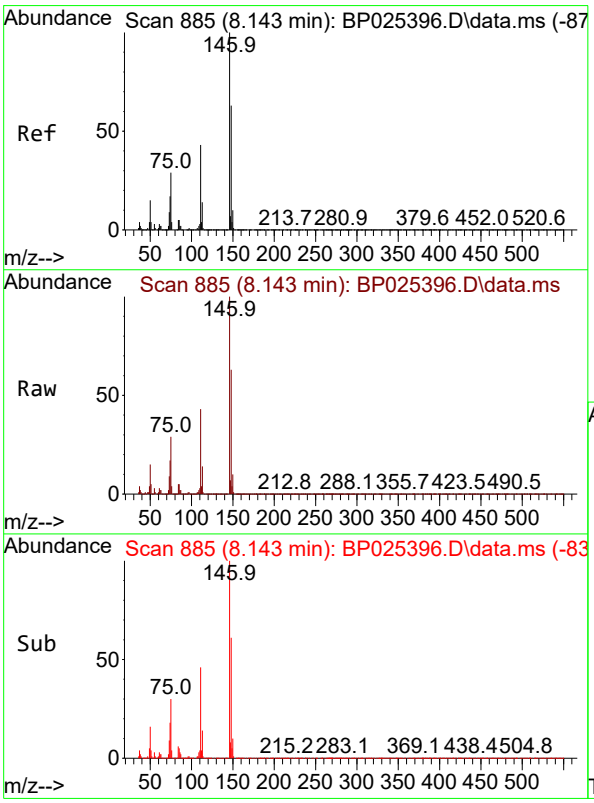
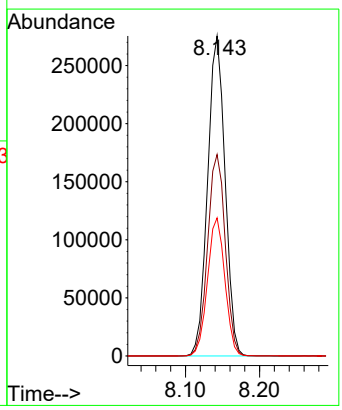
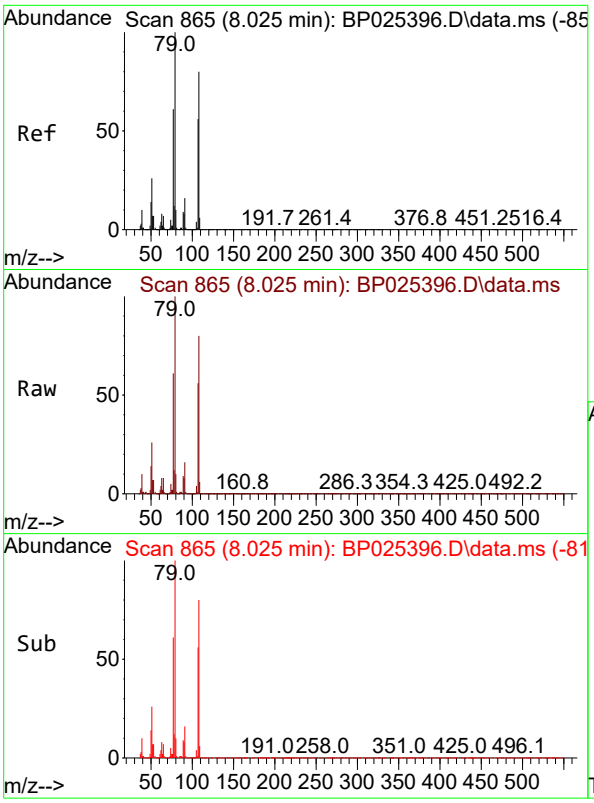


#14
1,2-Dichlorobenzene
Concen: 38.602 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:146 Resp: 451306

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 38.901 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 79 Resp: 37632

Ion	Ratio	Lower	Upper
79	100		
108	79.7	63.8	95.6
77	61.2	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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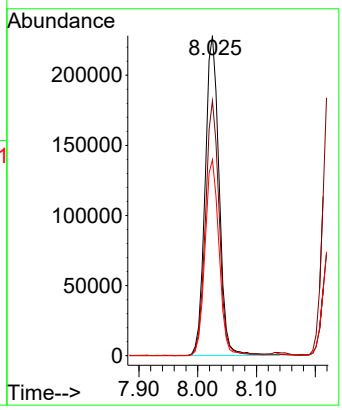
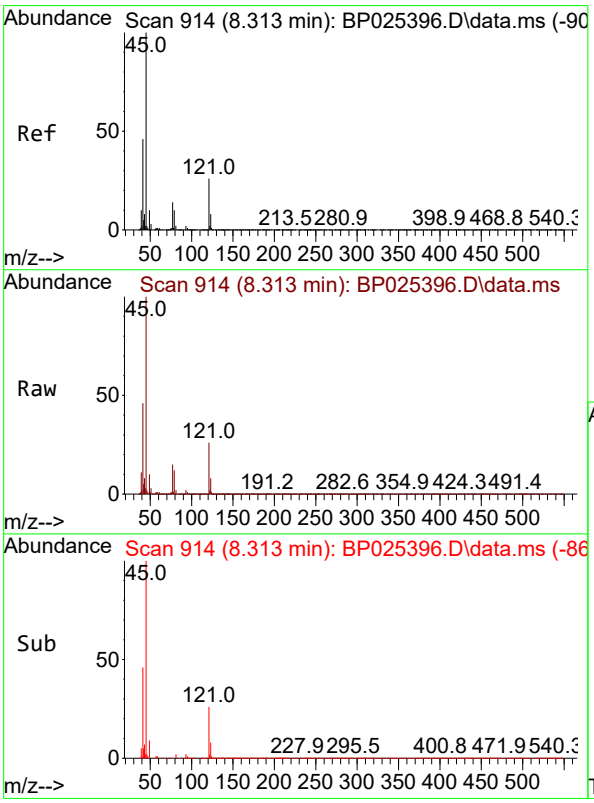
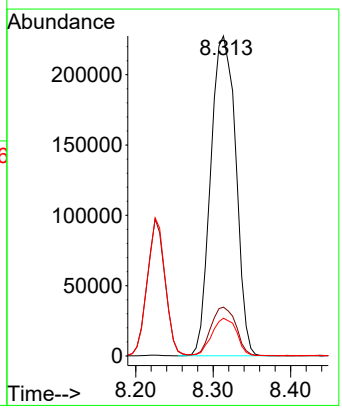


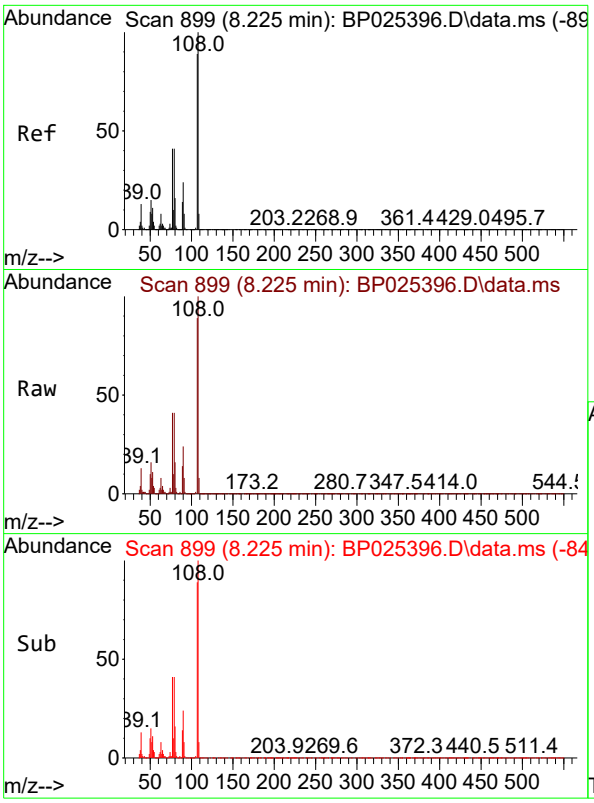


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.308 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 45 Resp: 510991

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.3
79	11.8	0.0	31.8

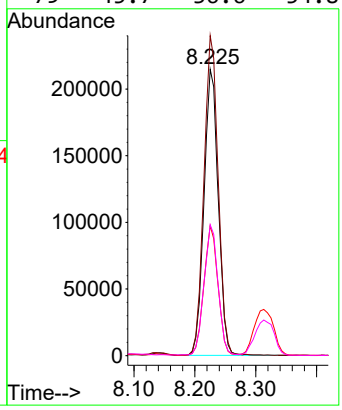




#17
2-Methylphenol
Concen: 39.369 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 34931

Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.0
77	45.4	36.3	54.5
79	45.7	36.6	54.8



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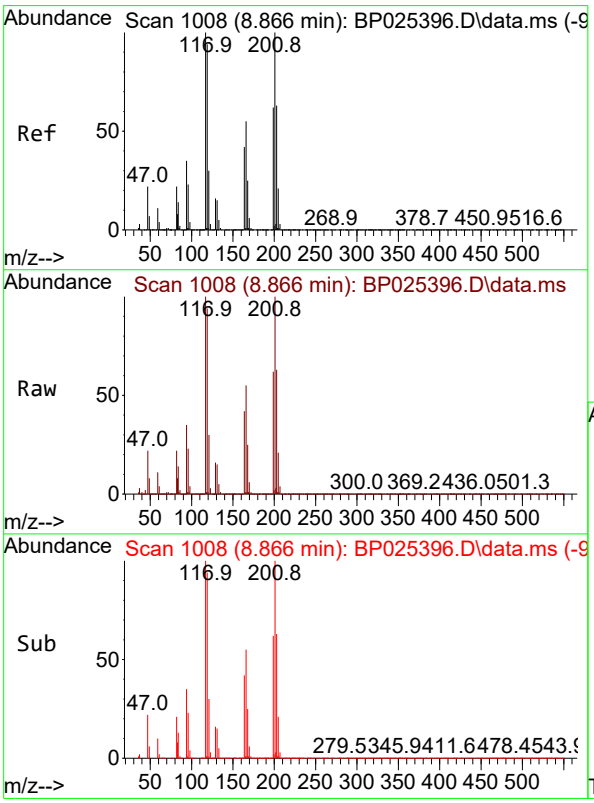
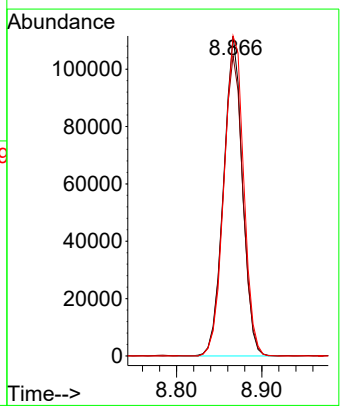
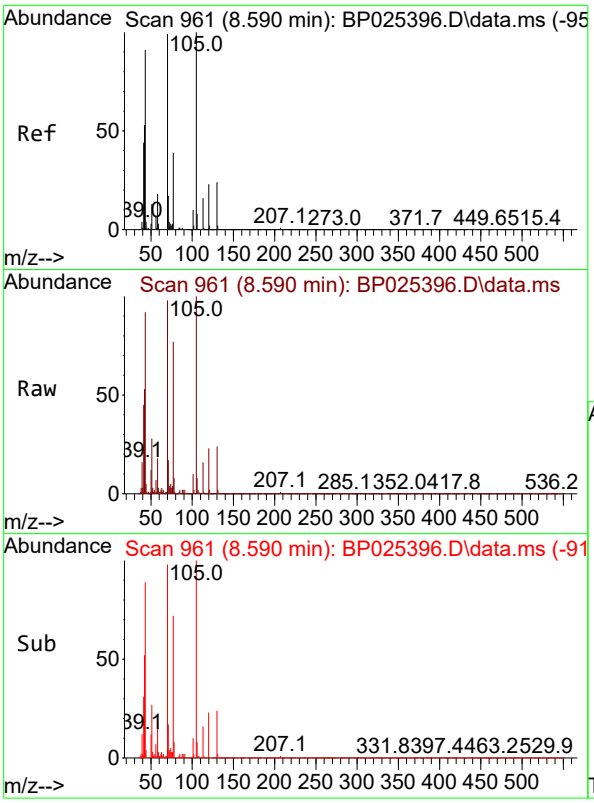


#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:117 Resp: 171906

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.1	112.7
201	100.1	80.1	120.1

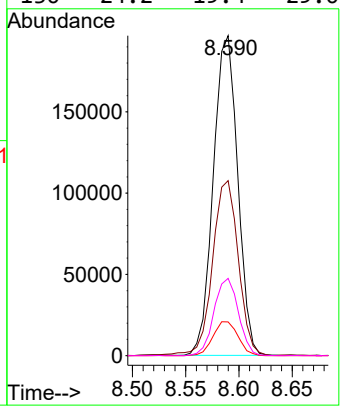




#19
n-Nitroso-di-n-propylamine
Concen: 38.737 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 70 Resp: 31277

Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.8	65.6
101	10.6	8.5	12.7
130	24.2	19.4	29.0



Instrument :
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ClientSampleId :
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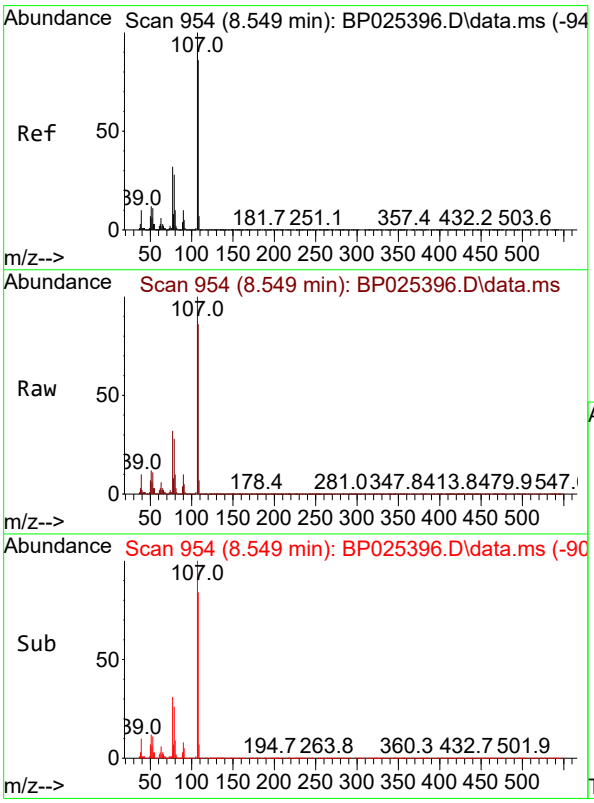
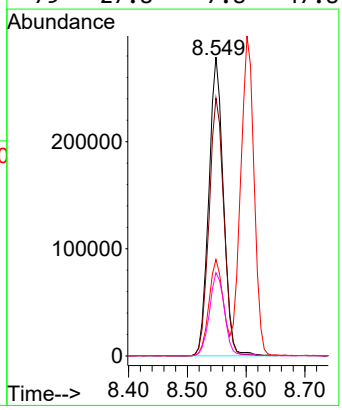
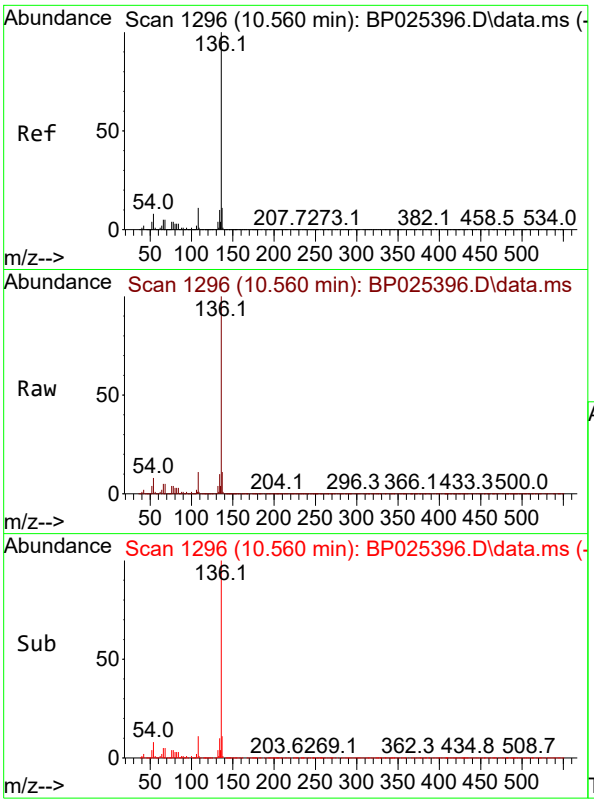


#20
3+4-Methylphenols
Concen: 39.121 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.3	106.3
77	32.3	12.3	52.3
79	27.8	7.8	47.8

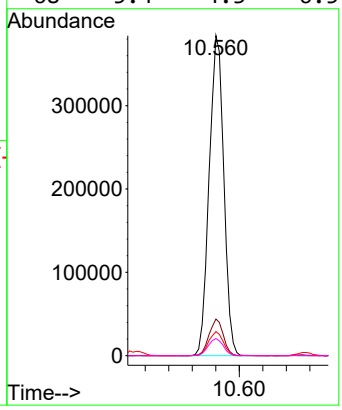




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:136 Resp: 66355

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	5.4	4.3	6.5



Instrument :
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ClientSampleId :
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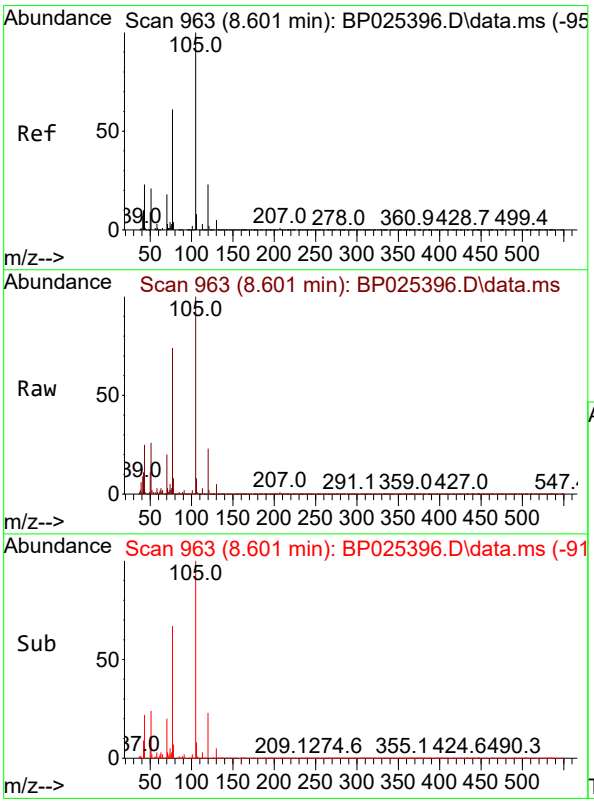
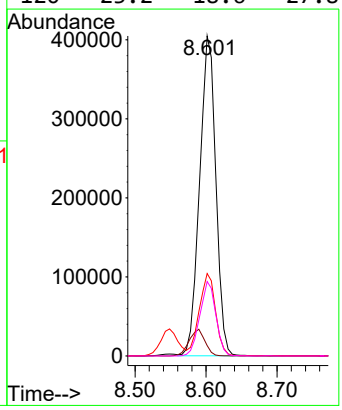
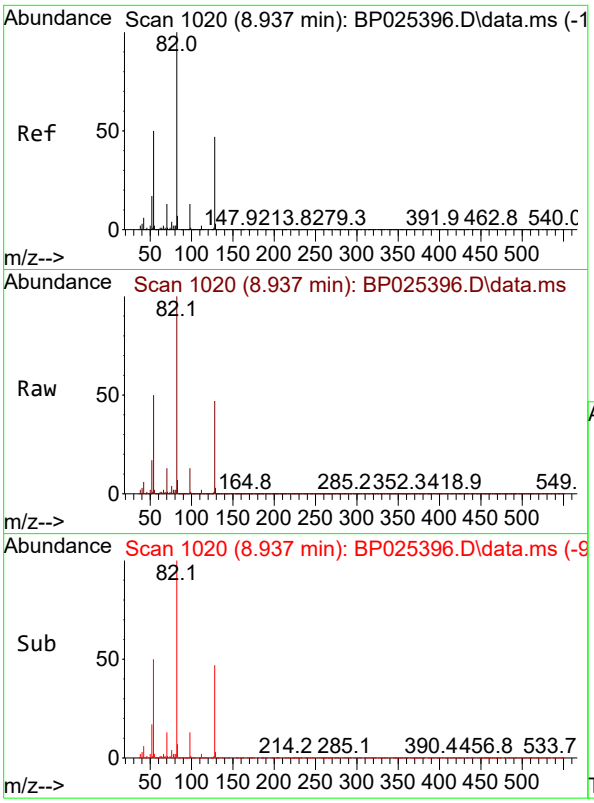


#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:105 Resp: 644124

Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.6	4.0
51	25.7	20.6	30.8
120	23.2	18.6	27.8

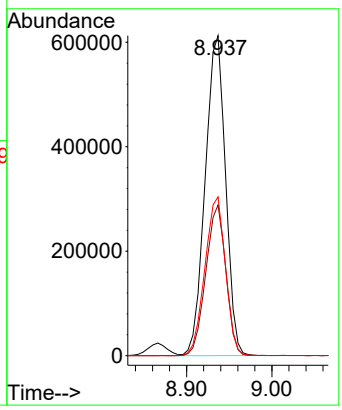




#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 101555

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	49.7	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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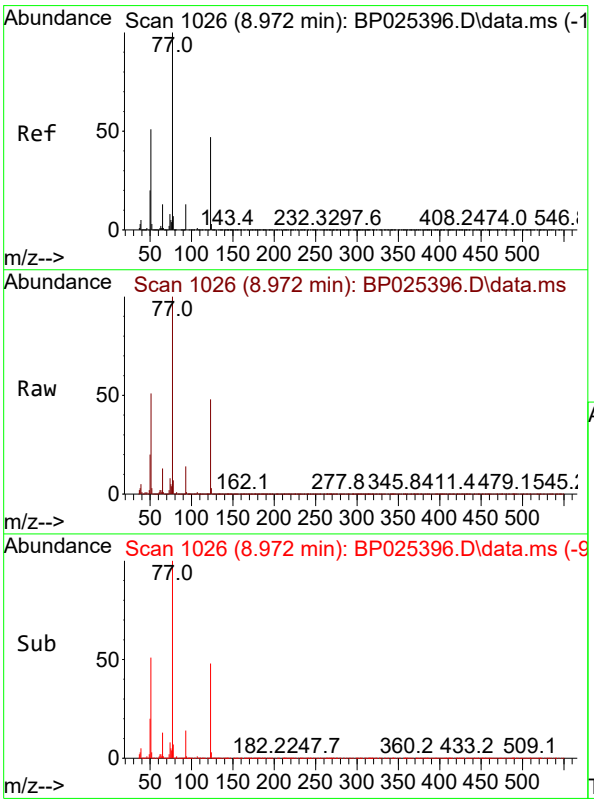
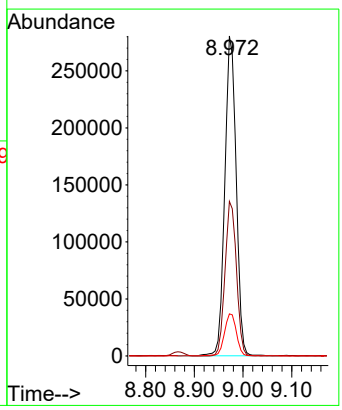
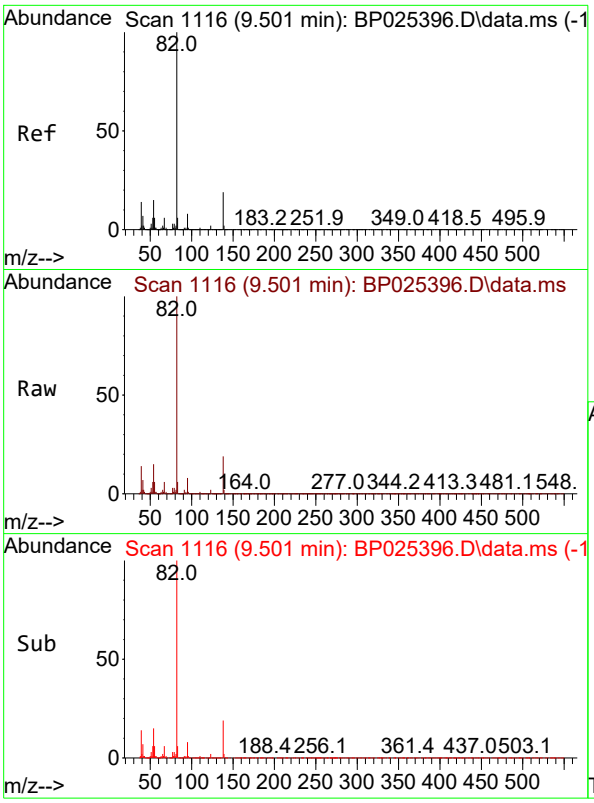


#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 77 Resp: 457175

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	58.0
65	13.2	10.6	15.8

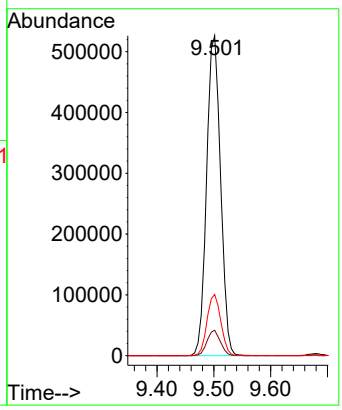




#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 82 Resp: 89398

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	19.2	15.4	23.0



Instrument :
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ClientSampleId :
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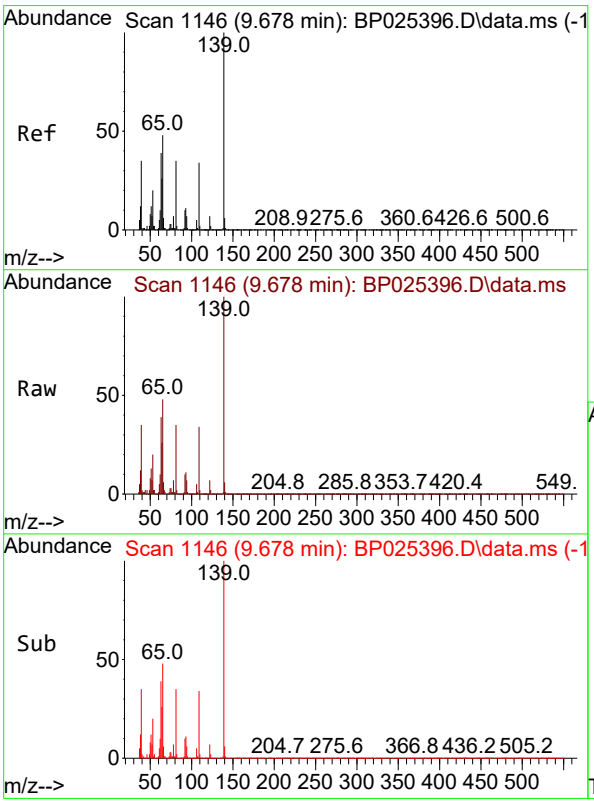
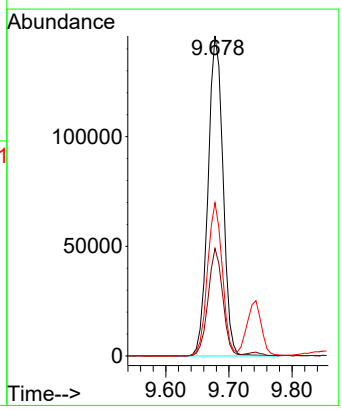
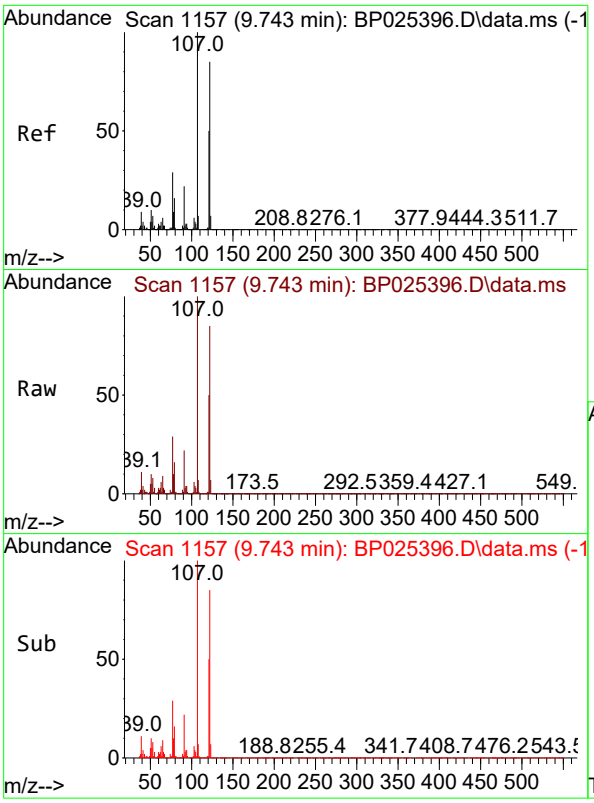


#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 239675

Ion	Ratio	Lower	Upper
139	100		
109	33.6	26.9	40.3
65	47.9	38.3	57.5

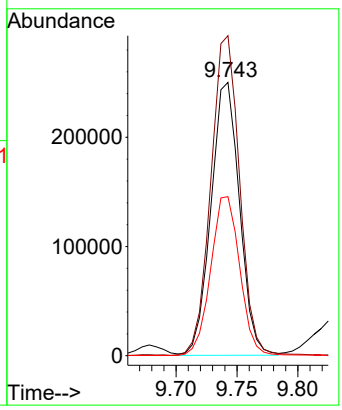




#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 40857

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	58.2	46.6	69.8



Instrument :
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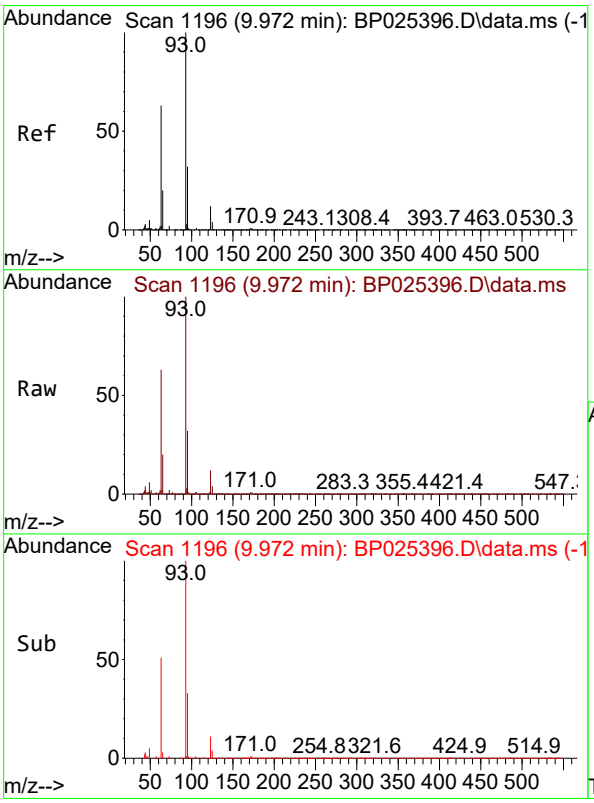
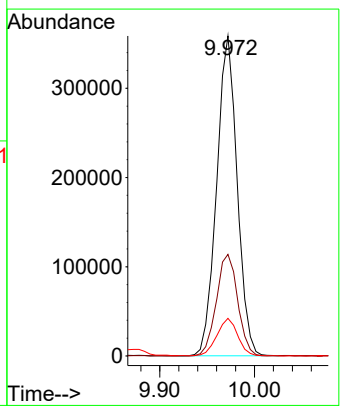
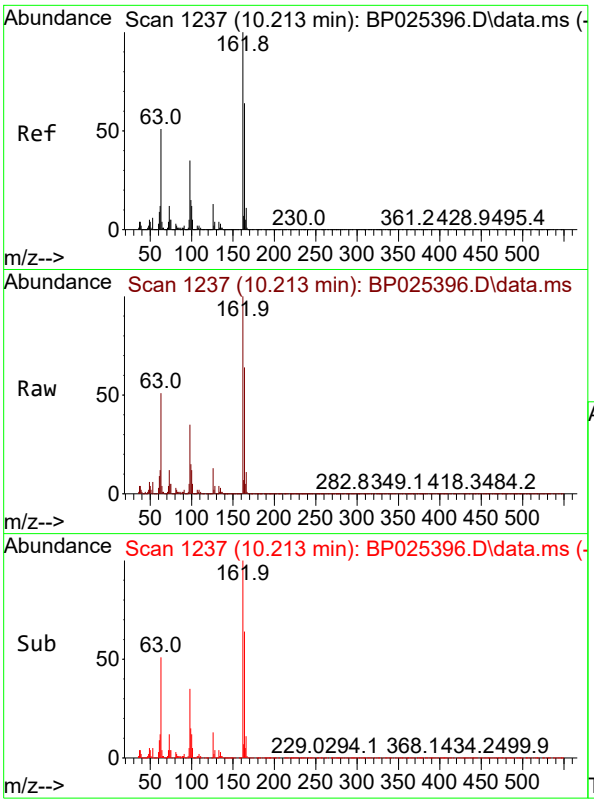


#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 540282

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	11.7	9.4	14.0

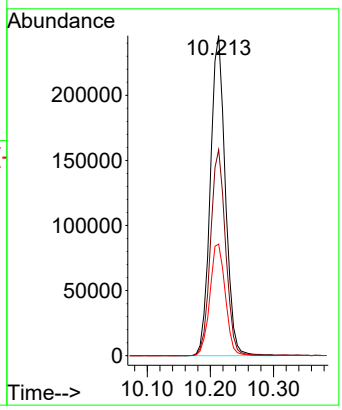




#29
2,4-Dichlorophenol
Concen: 39.427 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 40523

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.9	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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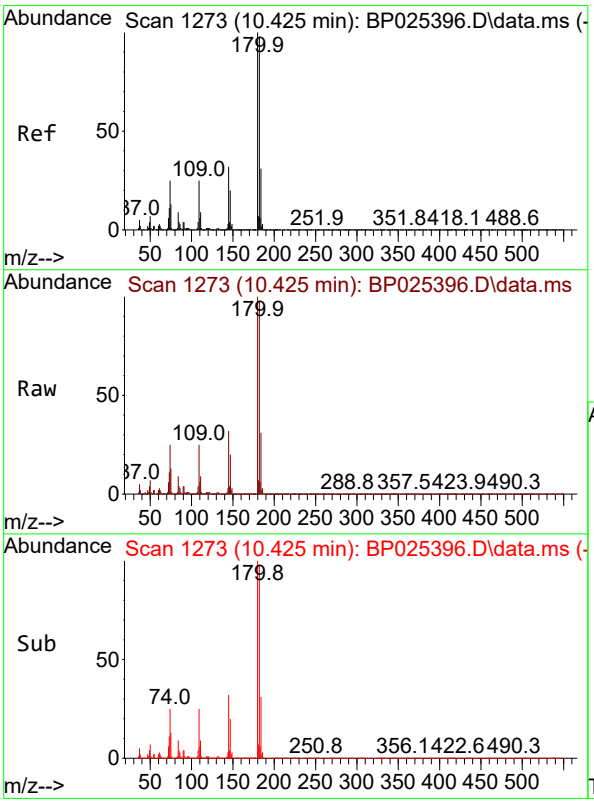
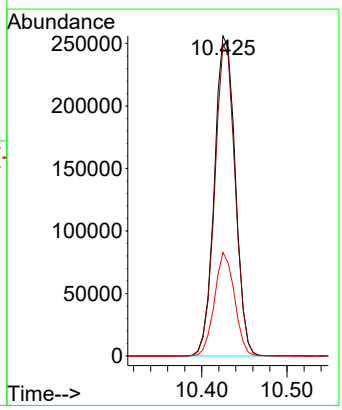
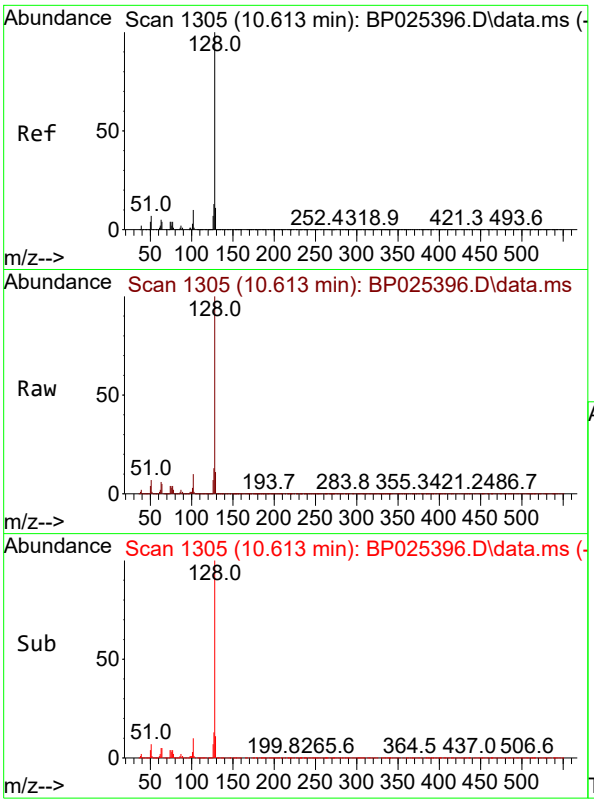


#30
1,2,4-Trichlorobenzene
Concen: 38.529 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:180 Resp: 434105

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	32.4	25.9	38.9

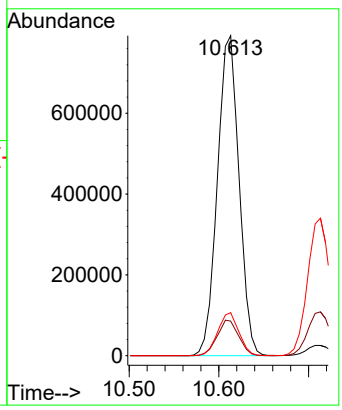




#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:128 Resp: 132683

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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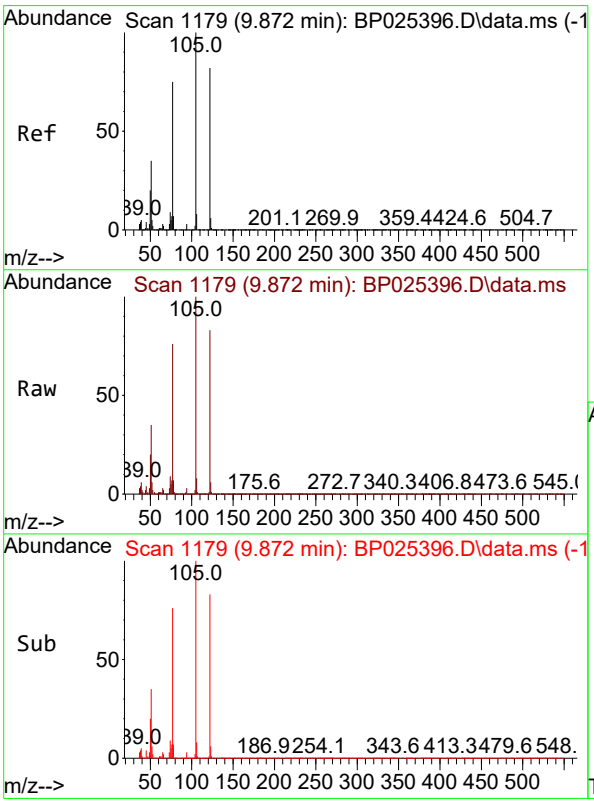
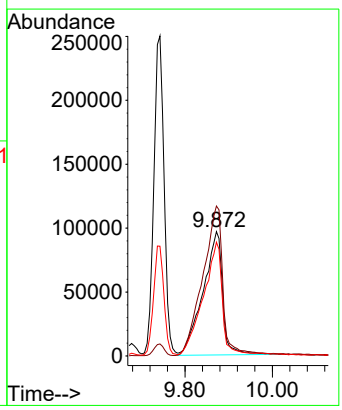
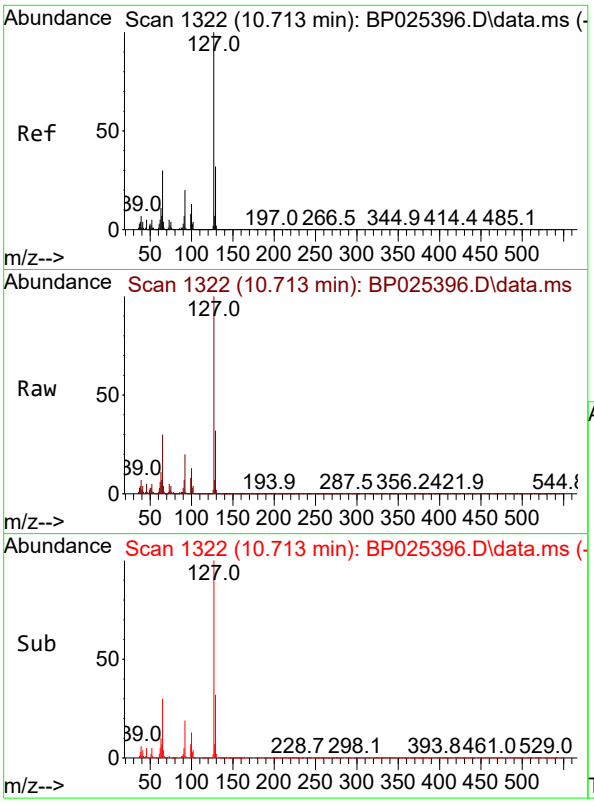


#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 301281

Ion	Ratio	Lower	Upper
122	100		
105	120.6	100.6	140.6
77	91.5	71.5	111.5

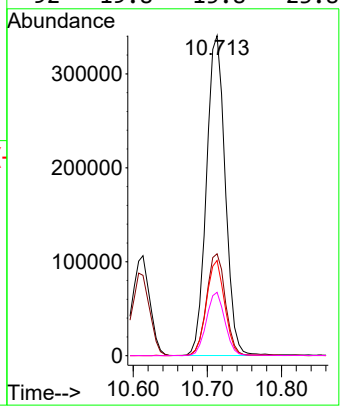




#33
4-Chloroaniline
Concen: 39.350 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:127 Resp: 59946

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	29.7	23.8	35.6
92	19.8	15.8	23.8



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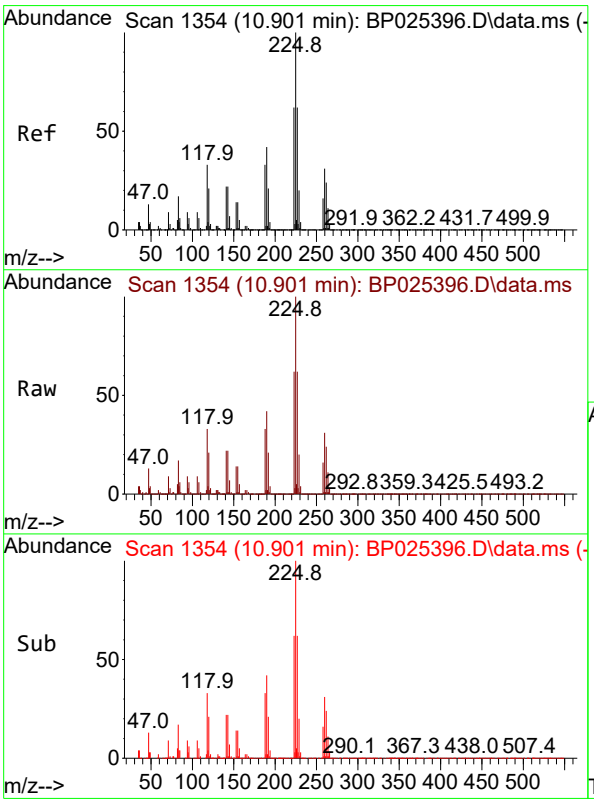
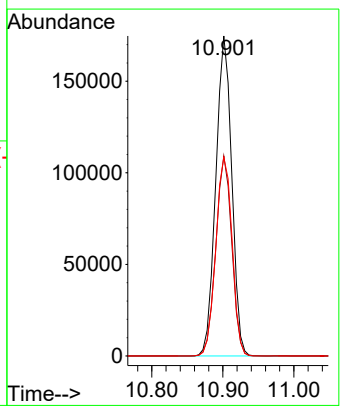
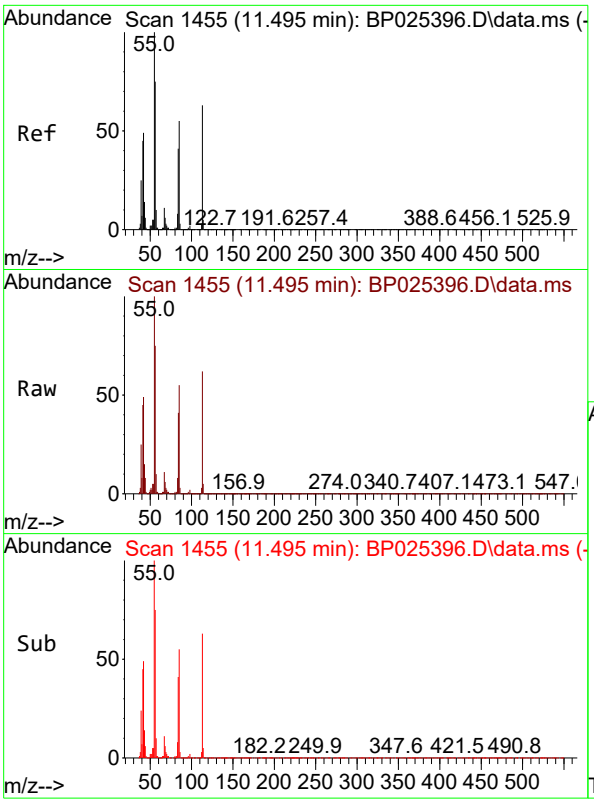


#34
Hexachlorobutadiene
Concen: 38.700 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:225 Resp: 271549

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	62.1	49.7	74.5

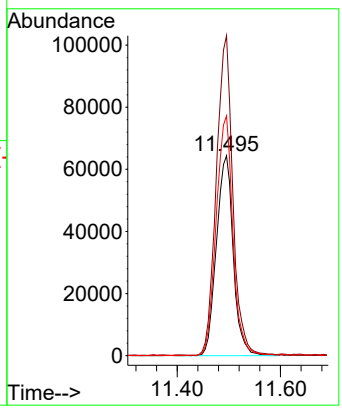




#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:113 Resp: 14517

Ion	Ratio	Lower	Upper
113	100		
55	160.0	140.0	180.0
56	120.0	100.0	140.0



Instrument :
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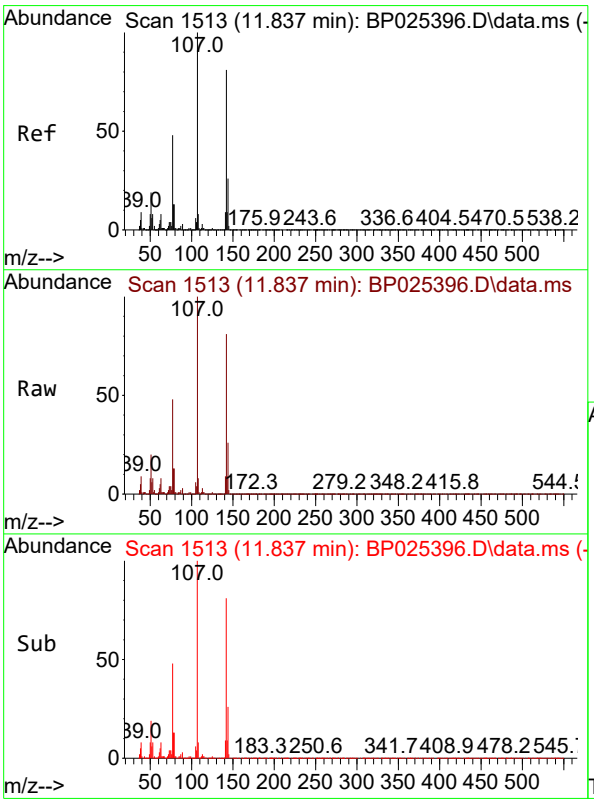
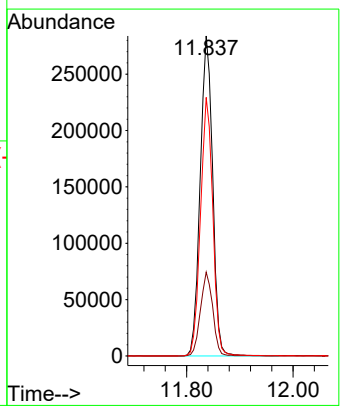
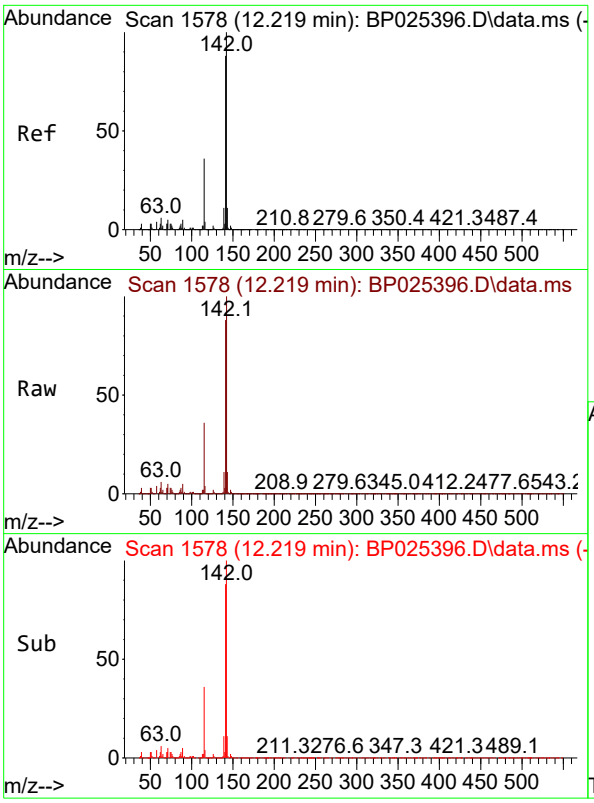


#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.4
142	80.8	64.6	97.0

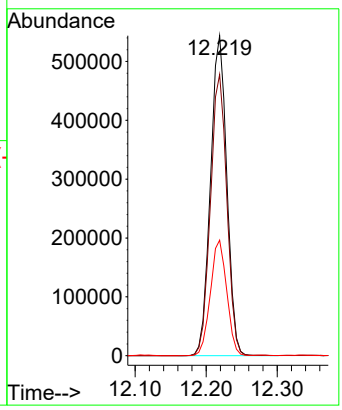




#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 86542

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	36.1	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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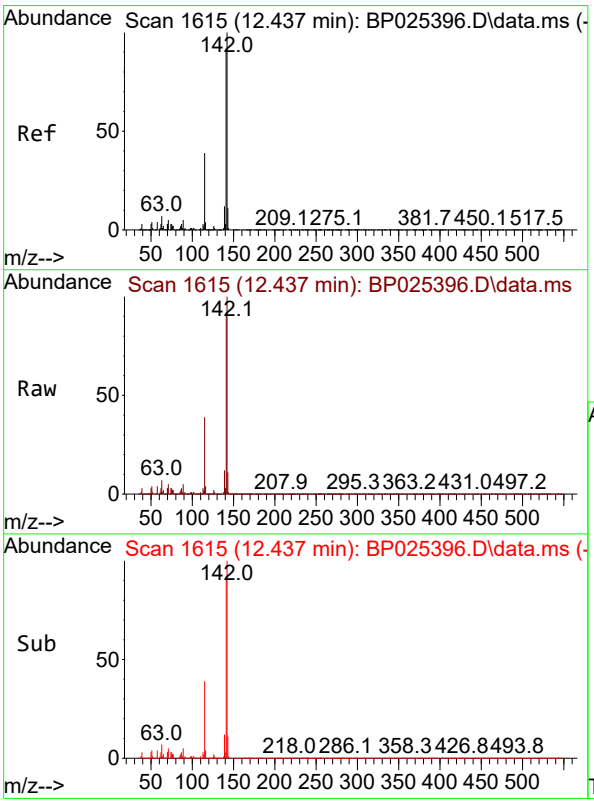
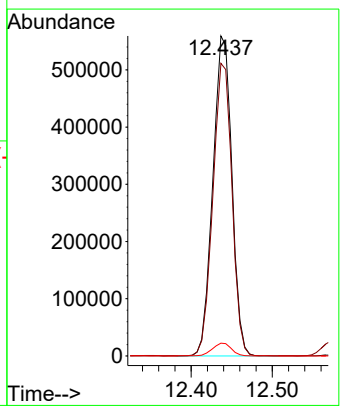
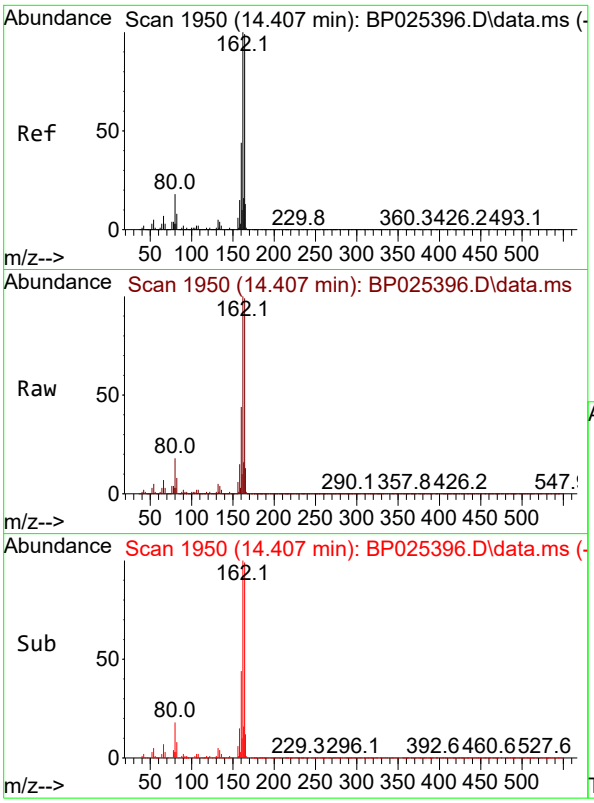


#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.0	3.2	4.8

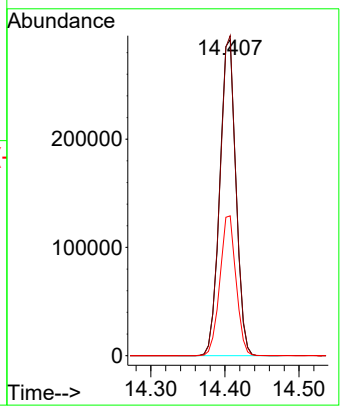




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:164 Resp: 44111

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	44.3	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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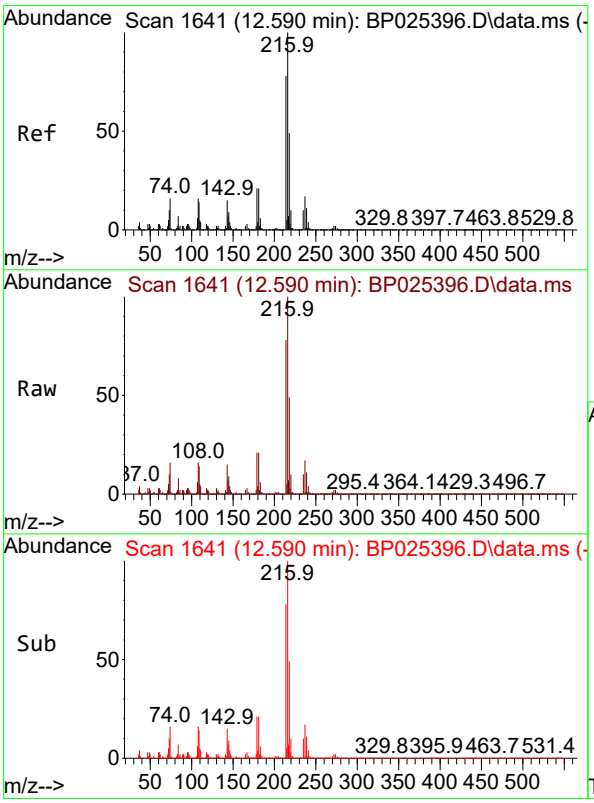
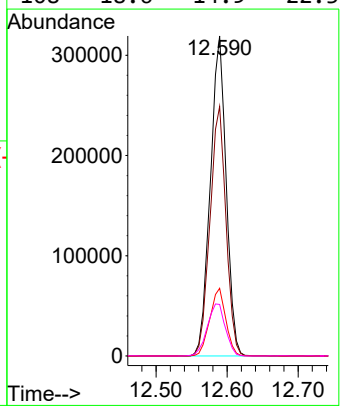
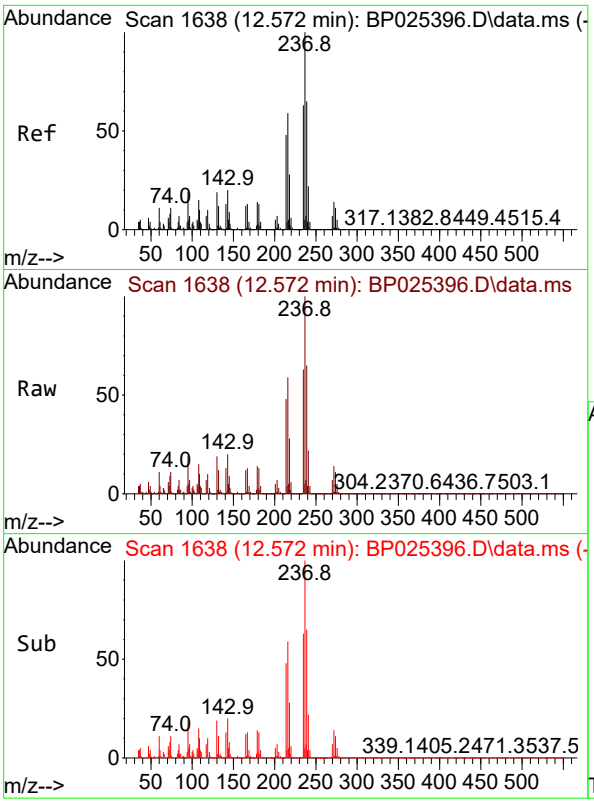


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.787 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:216 Resp: 494141

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.4	17.1	25.7
108	18.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 39.896 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 30701

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	14.0	0.0	34.0

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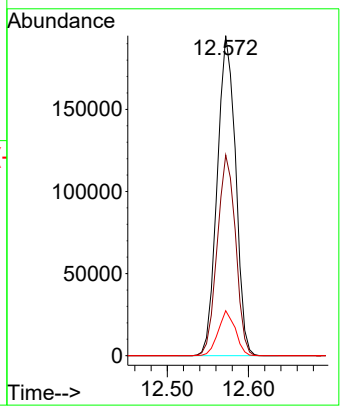
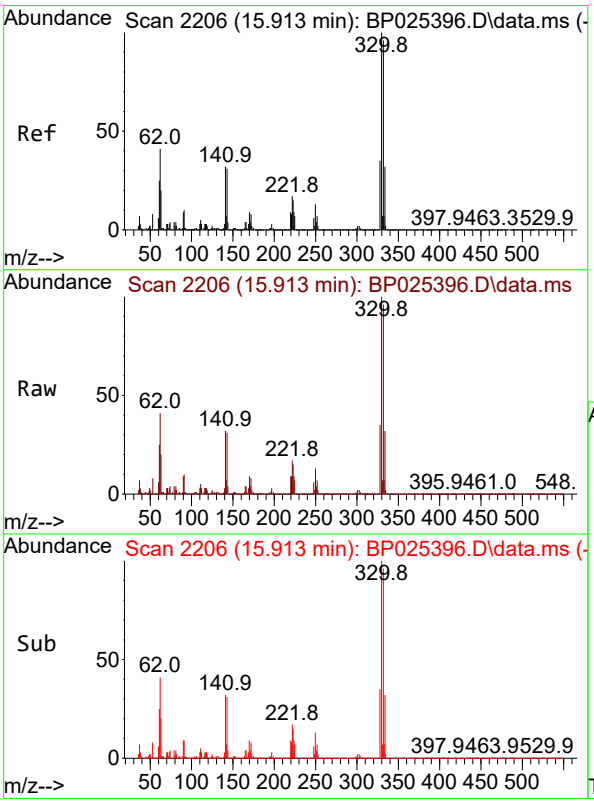
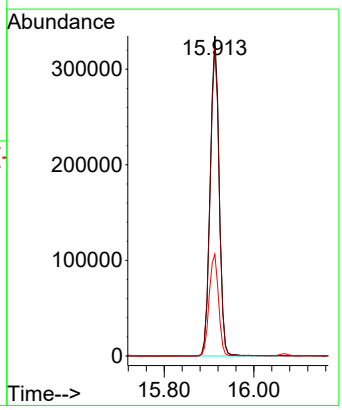


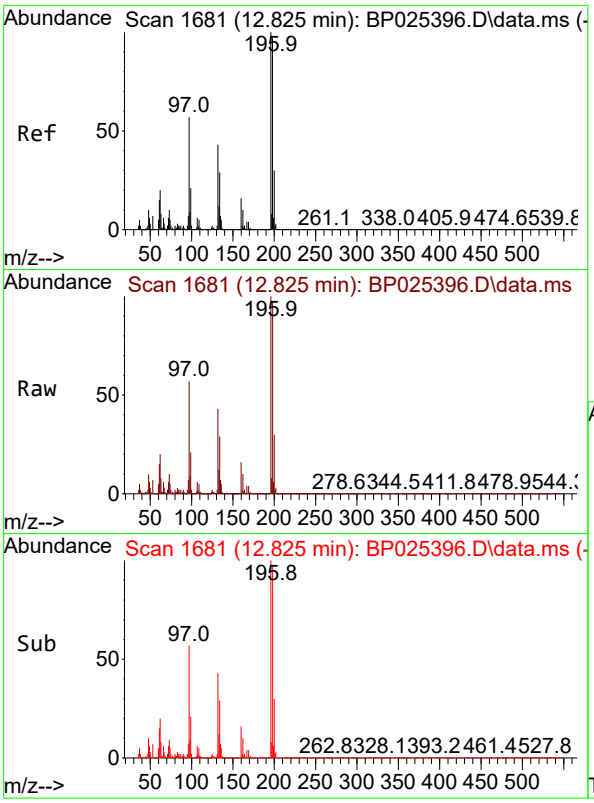


#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:330 Resp: 463783

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.2	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 39.201 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 33715

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	29.9	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
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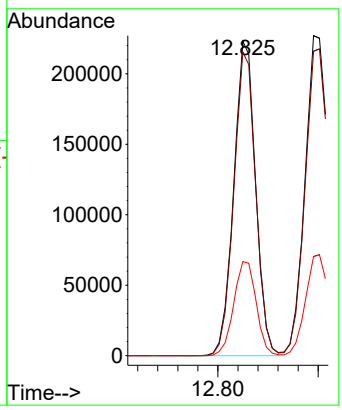
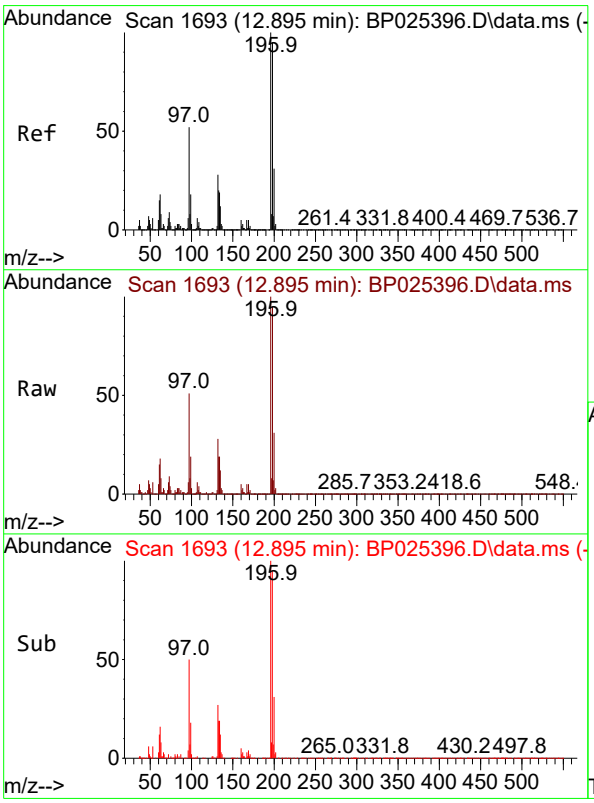
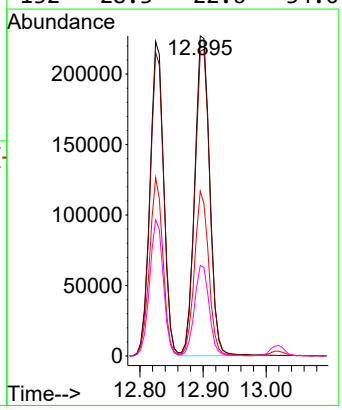


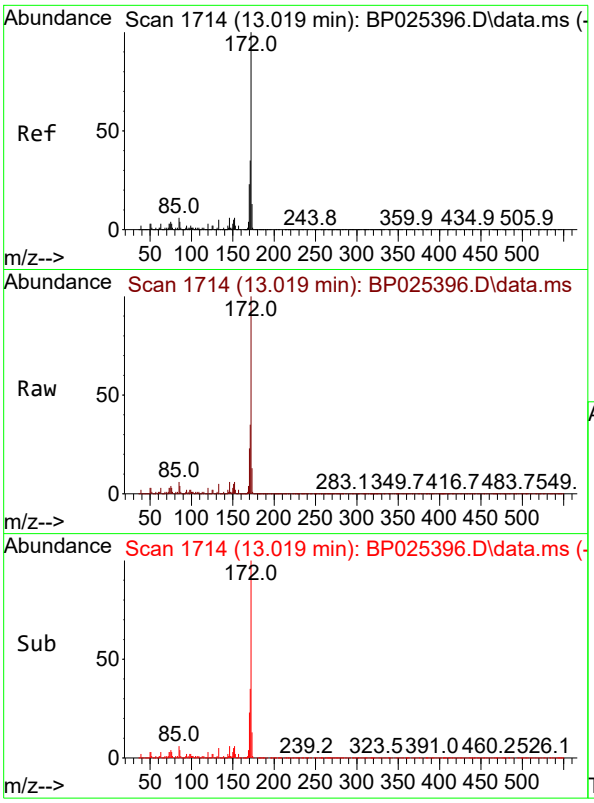


#44
2,4,5-Trichlorophenol
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 373880

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
97	51.5	41.2	61.8
132	28.3	22.6	34.0

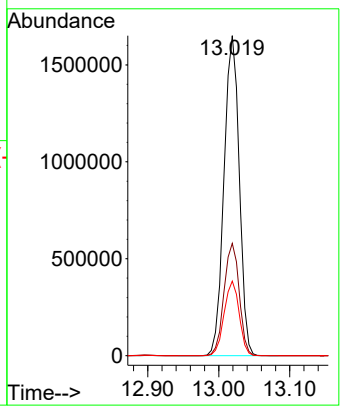




#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:172 Resp: 245678

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



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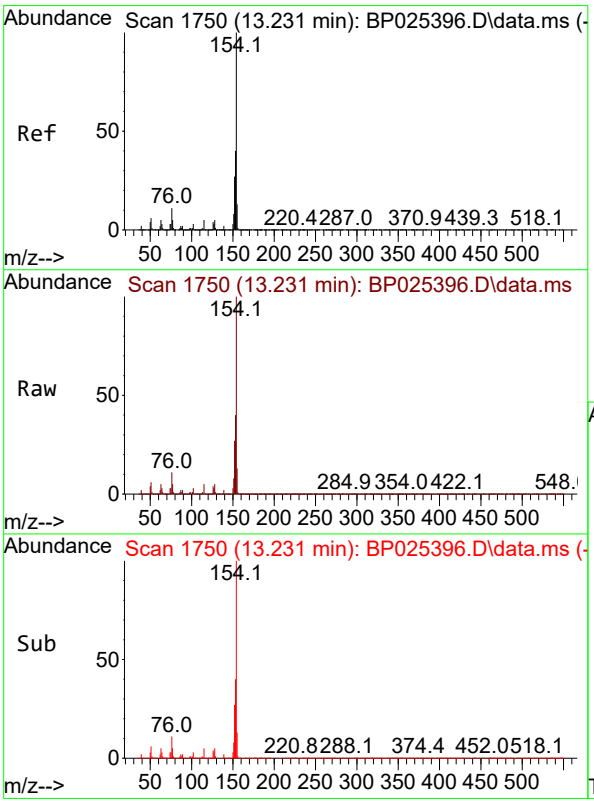
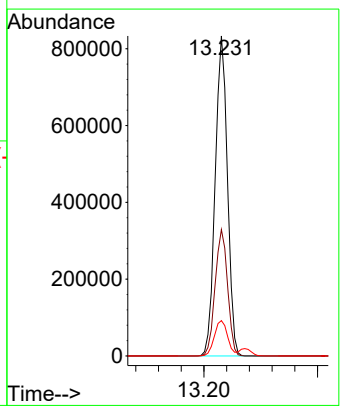
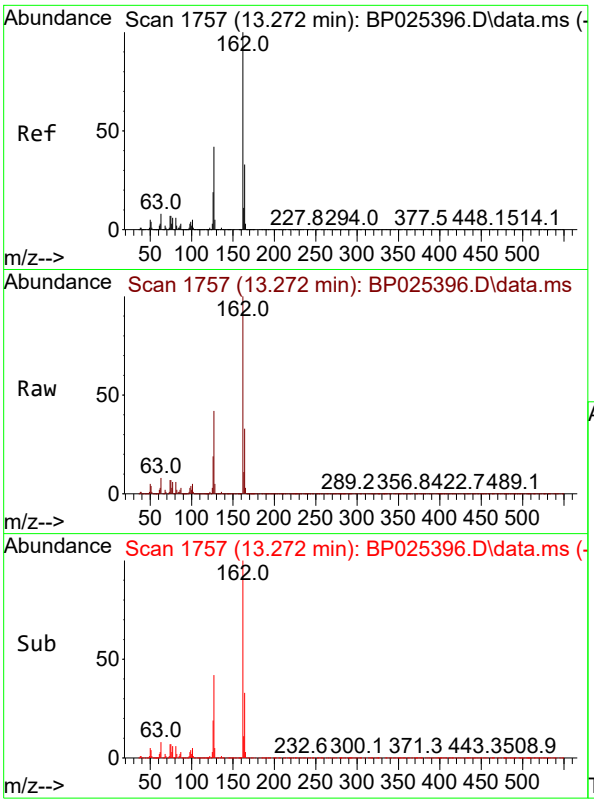


#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 1242247

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	11.1	0.0	31.1

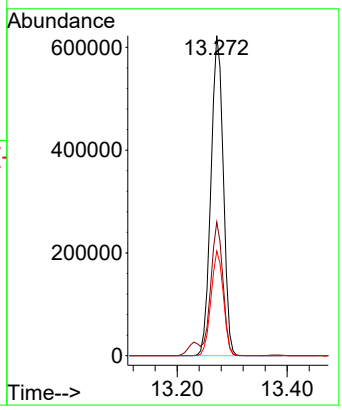




#47
2-Chloronaphthalene
Concen: 38.930 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:162 Resp: 97090

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.4	50.2
164	32.7	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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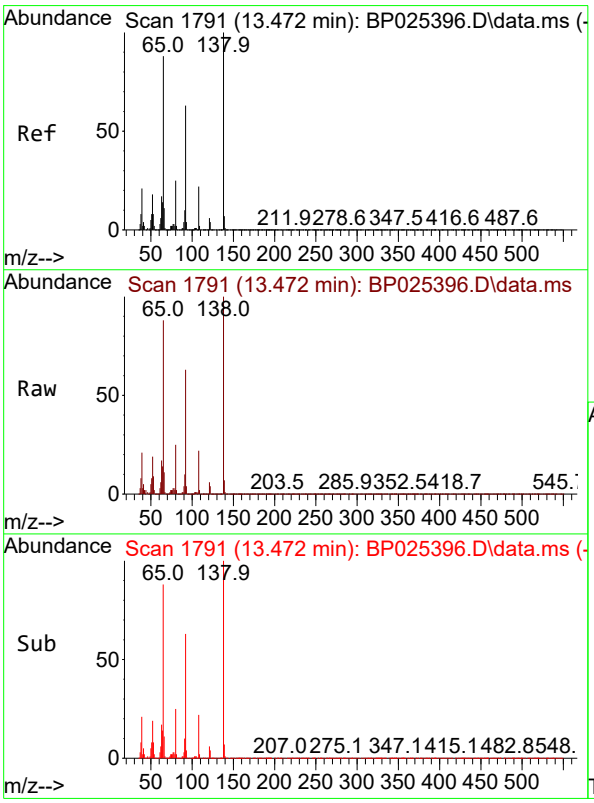
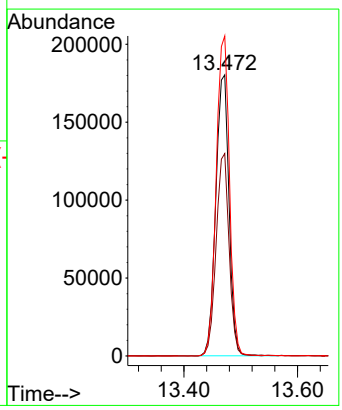
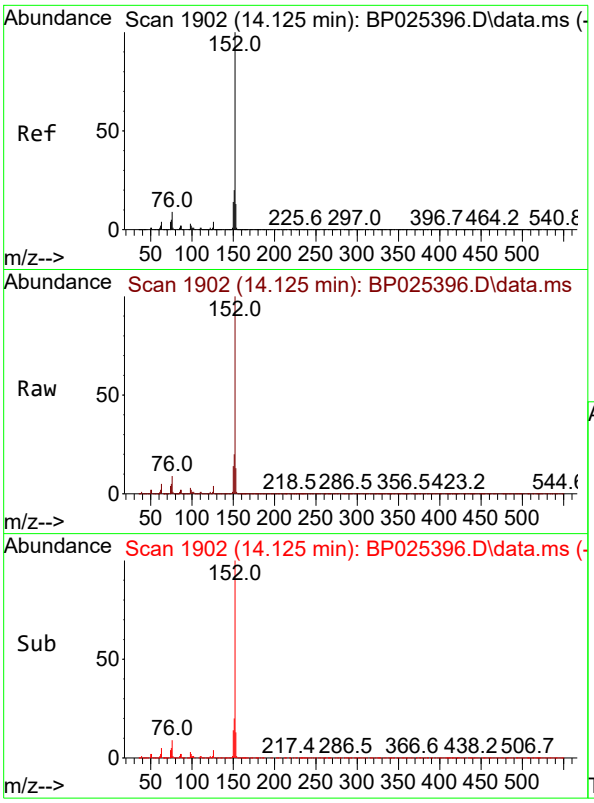


#48
2-Nitroaniline
Concen: 40.092 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 65 Resp: 291341

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.6	86.4
138	113.8	91.0	136.6

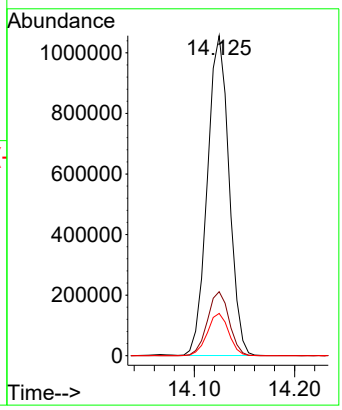




#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:152 Resp: 159363

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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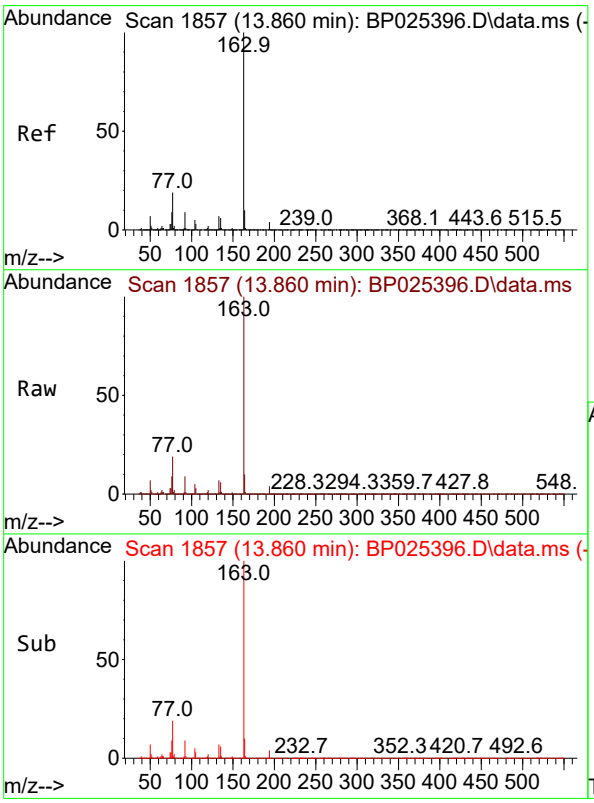
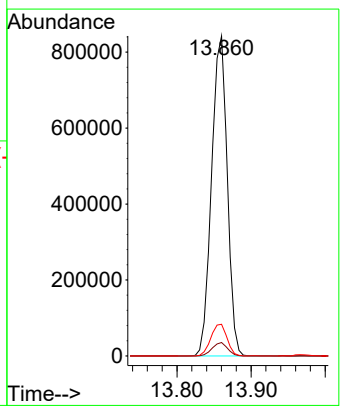
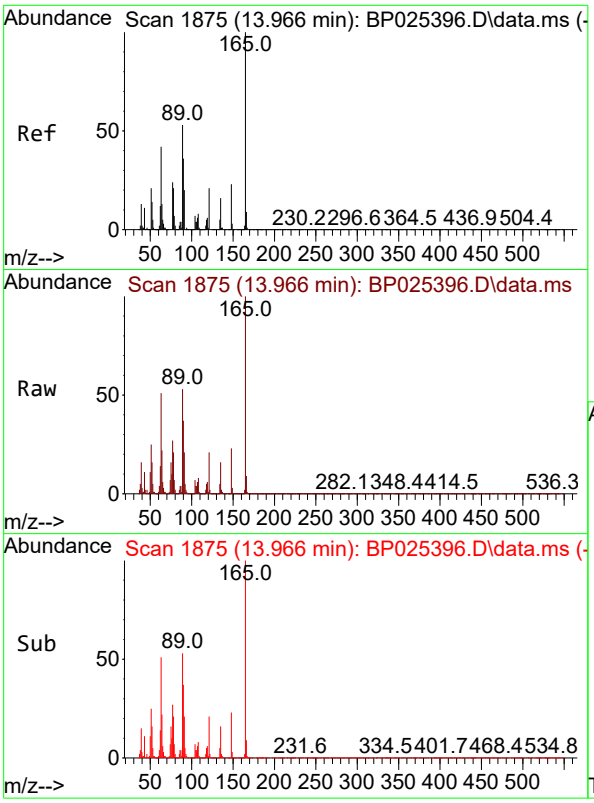


#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:163 Resp: 1237666

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 40.061 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 27275

Ion	Ratio	Lower	Upper
165	100		
63	51.1	40.9	61.3
89	52.6	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
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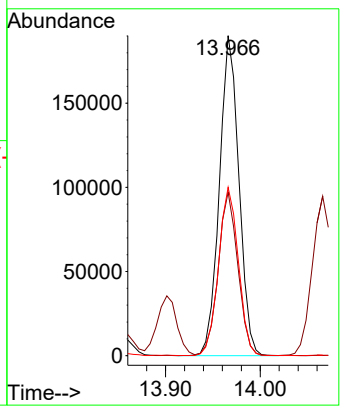
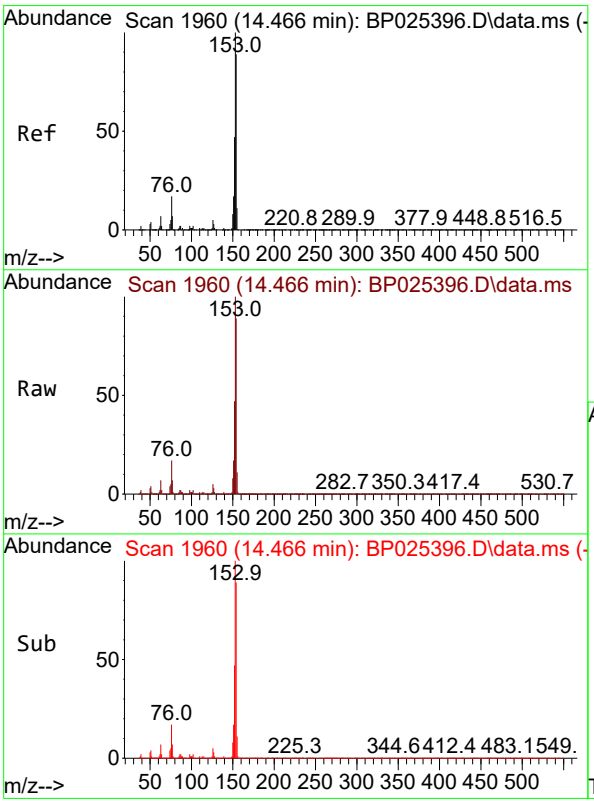
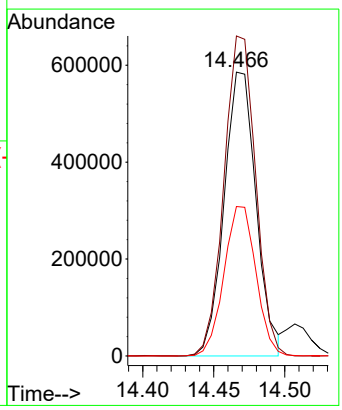


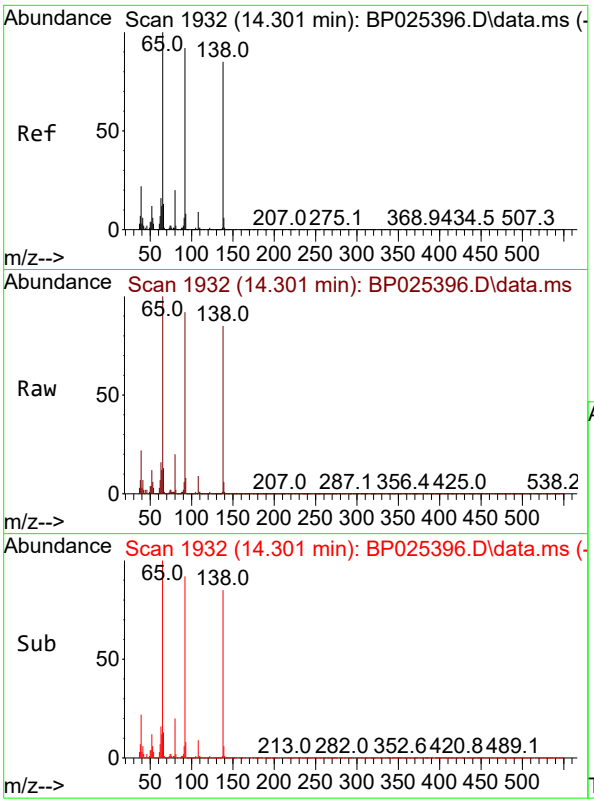


#52
Acenaphthene
Concen: 37.921 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 918569

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.6	42.1	63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:138 Resp: 30141

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	107.7	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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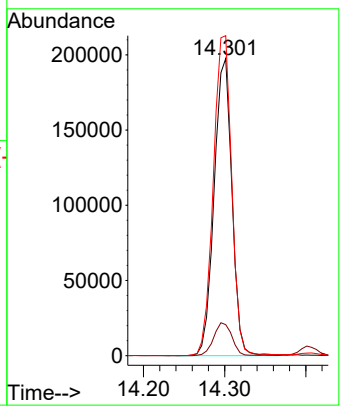
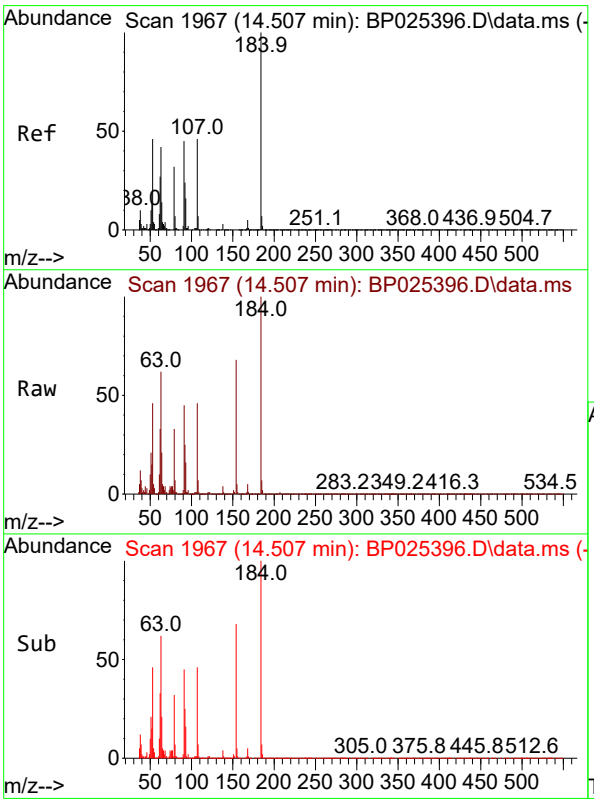
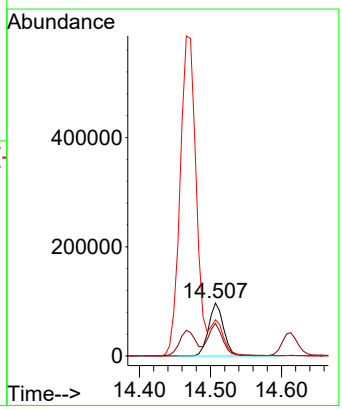


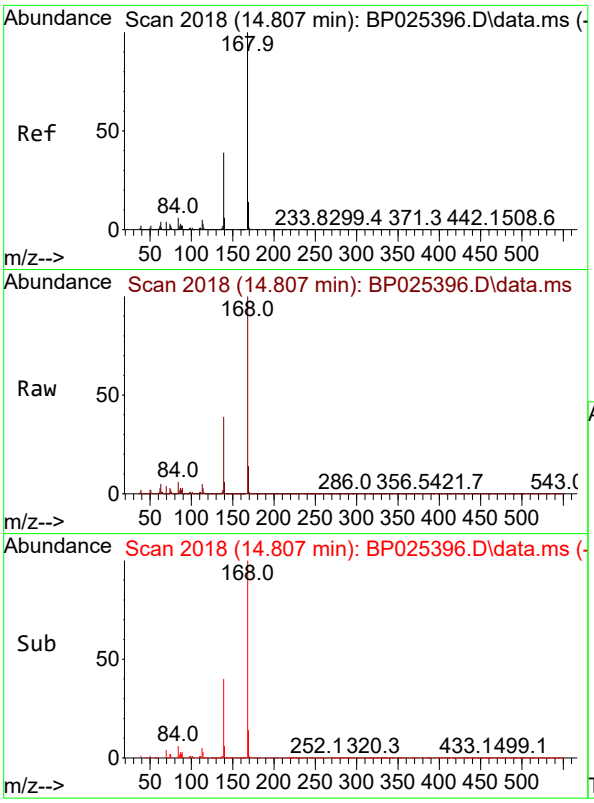


#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 144100

Ion	Ratio	Lower	Upper
184	100		
63	61.8	49.4	74.2
154	68.3	54.6	82.0

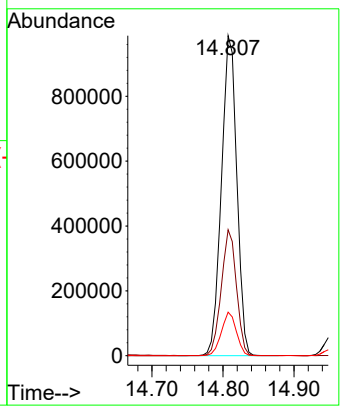




#55
Dibenzofuran
Concen: 38.624 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:168 Resp: 147922

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.5	47.3
169	13.6	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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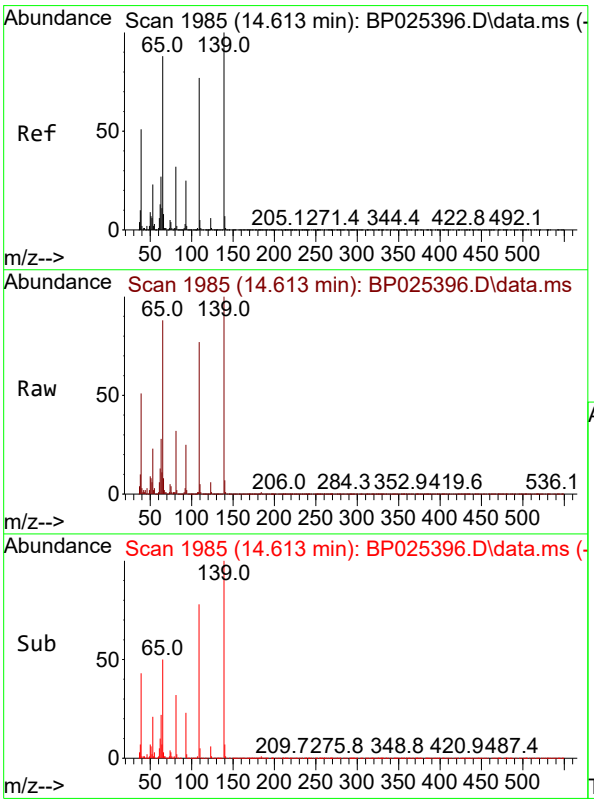
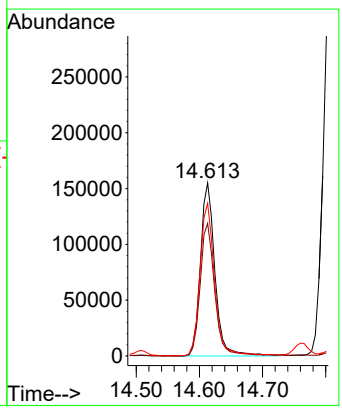
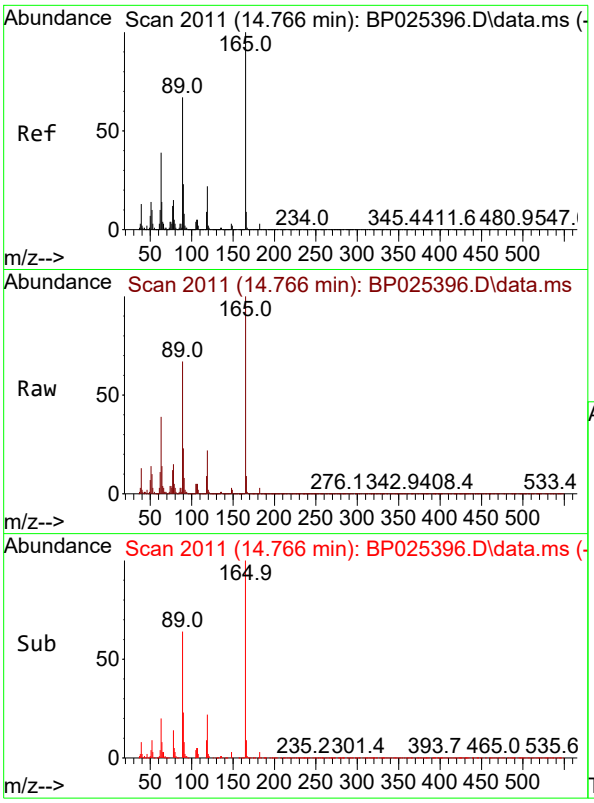


#56
4-Nitrophenol
Concen: 39.168 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:139 Resp: 246542

Ion	Ratio	Lower	Upper
139	100		
109	76.6	56.6	96.6
65	88.2	68.2	108.2

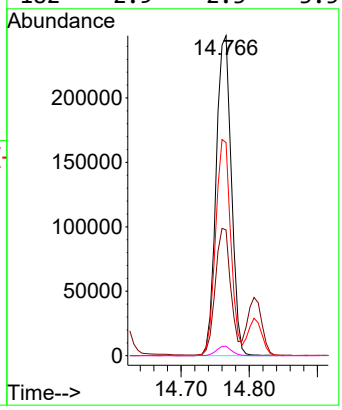




#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:165 Resp: 38618

Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.4	47.2
89	66.6	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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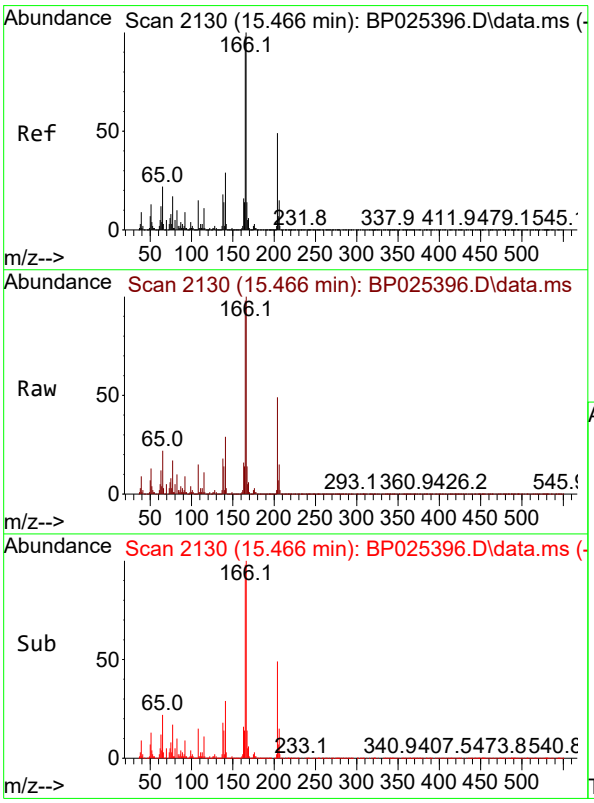
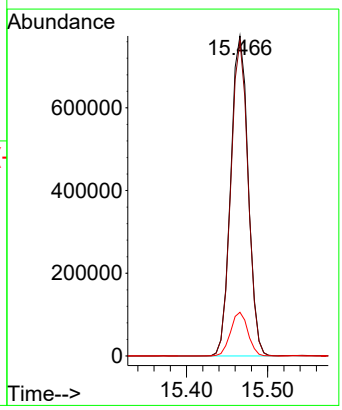
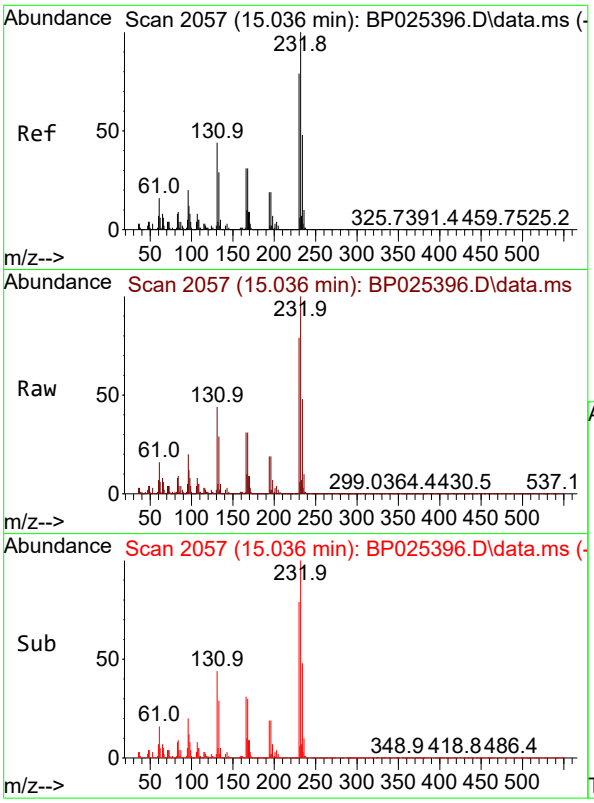


#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.7	11.0	16.4

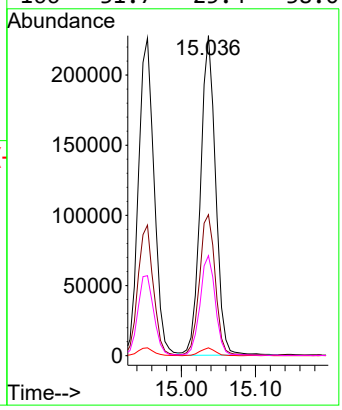




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.975 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:232 Resp: 32439

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.4	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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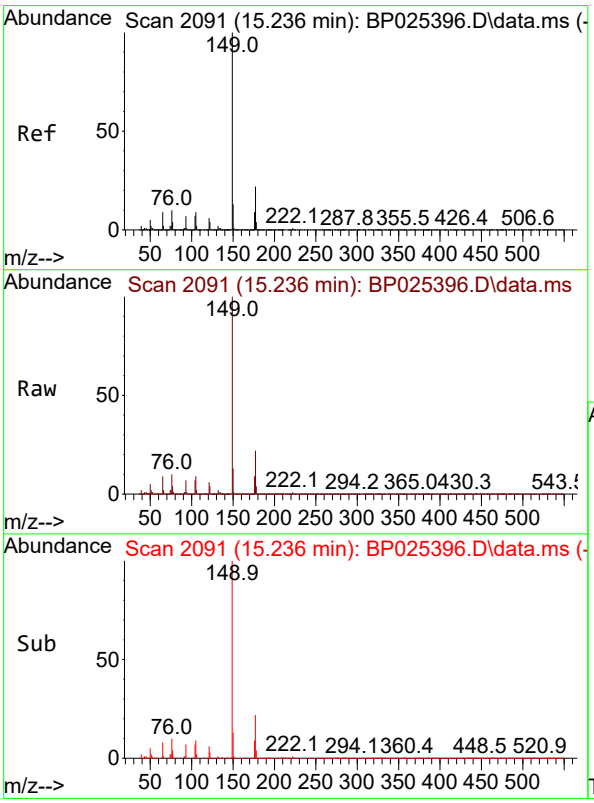
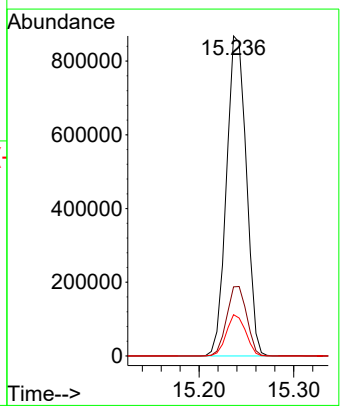
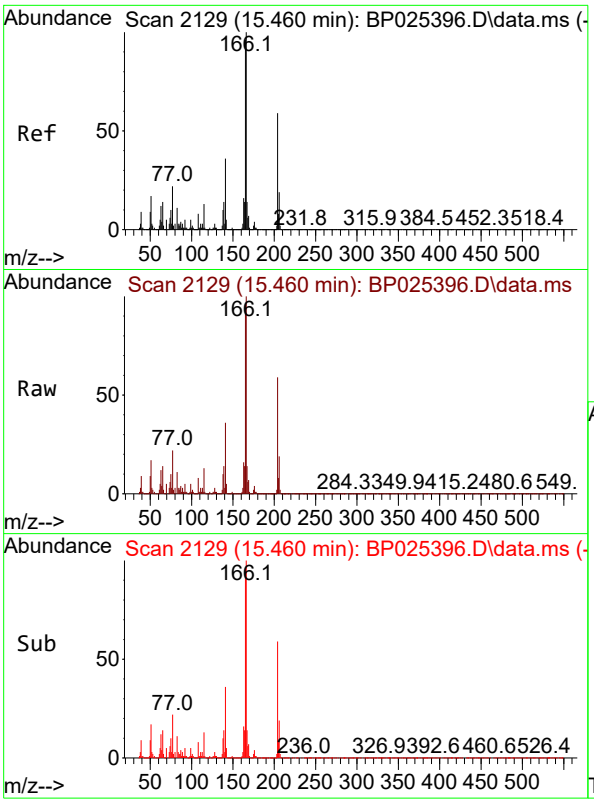


#60
Diethylphthalate
Concen: 38.533 ng
RT: 15.236 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1264740

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.9	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 57454

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	61.8	49.4	74.2

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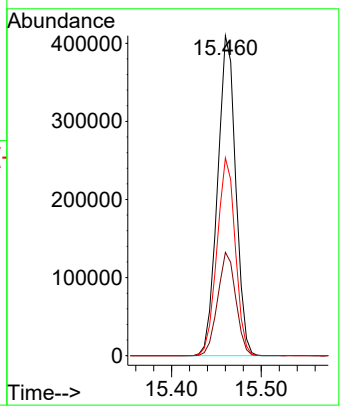
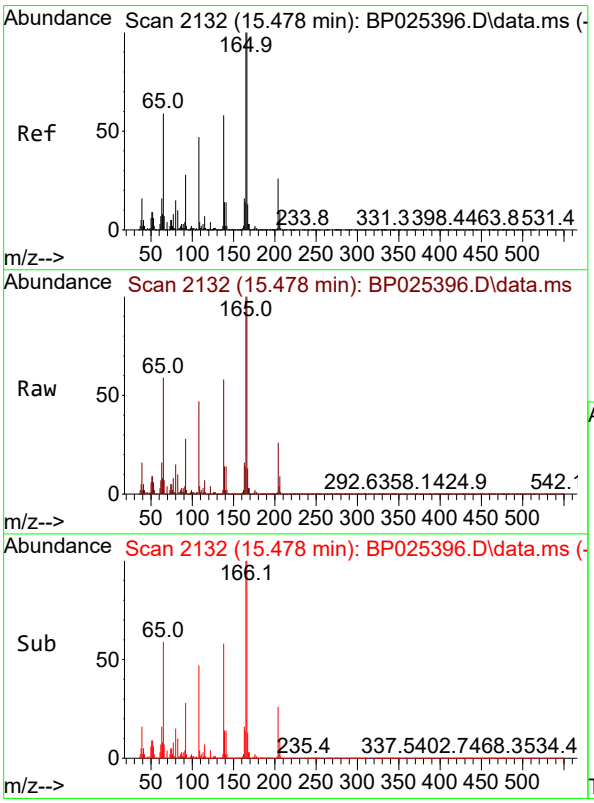
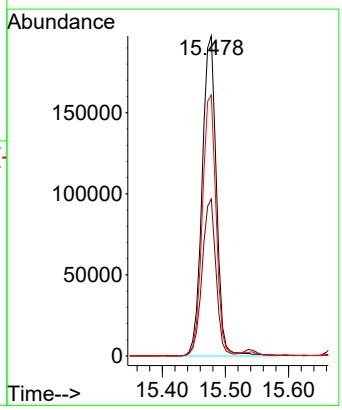


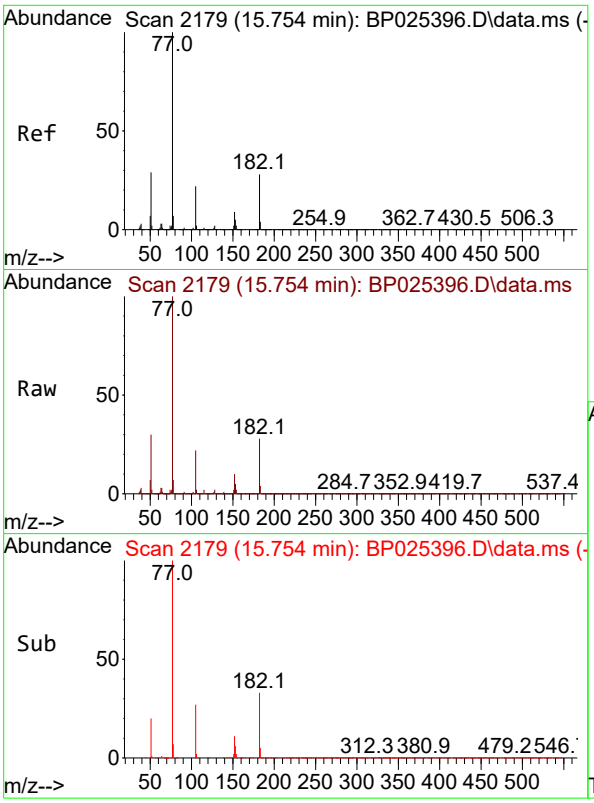


#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:138 Resp: 309740

Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.1	69.1
108	81.5	61.5	101.5





#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 109100

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.5	47.5
105	22.1	2.1	42.1
51	29.6	9.6	49.6

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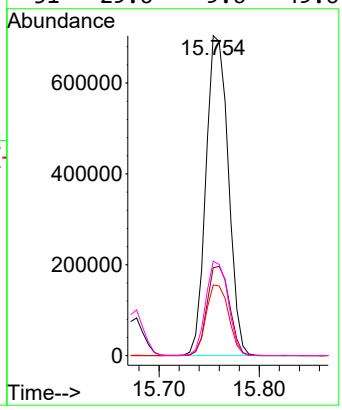
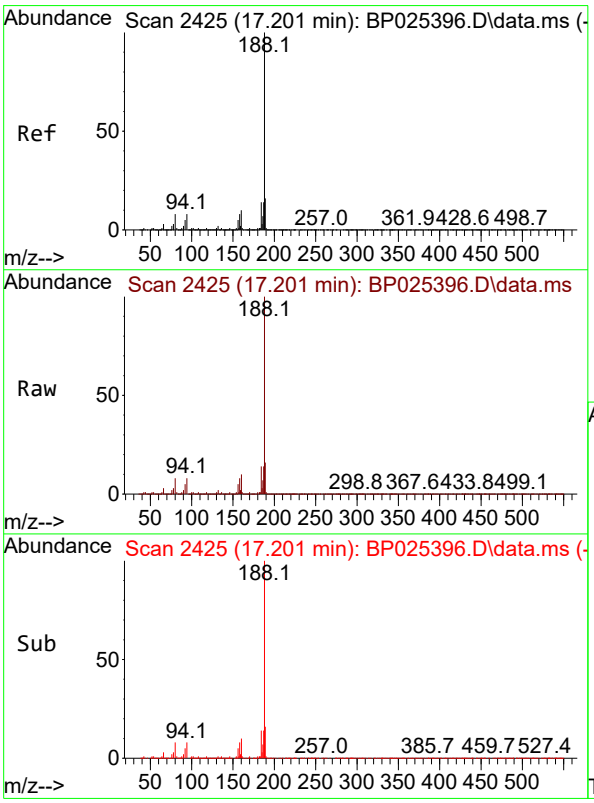
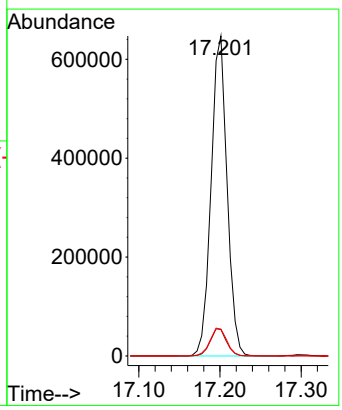


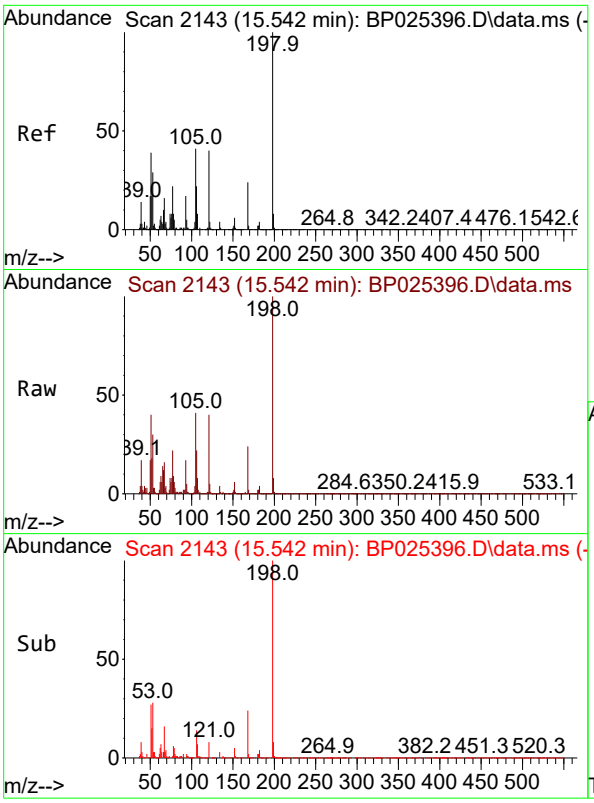


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:188 Resp: 884529

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.4	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:198 Resp: 21715

Ion	Ratio	Lower	Upper
198	100		
51	39.6	19.6	59.6
105	40.9	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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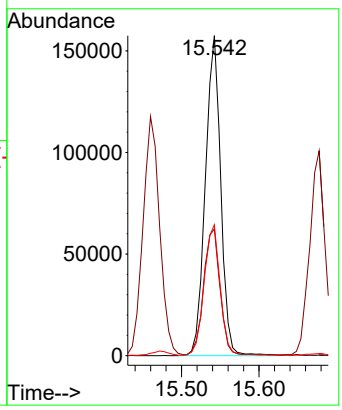
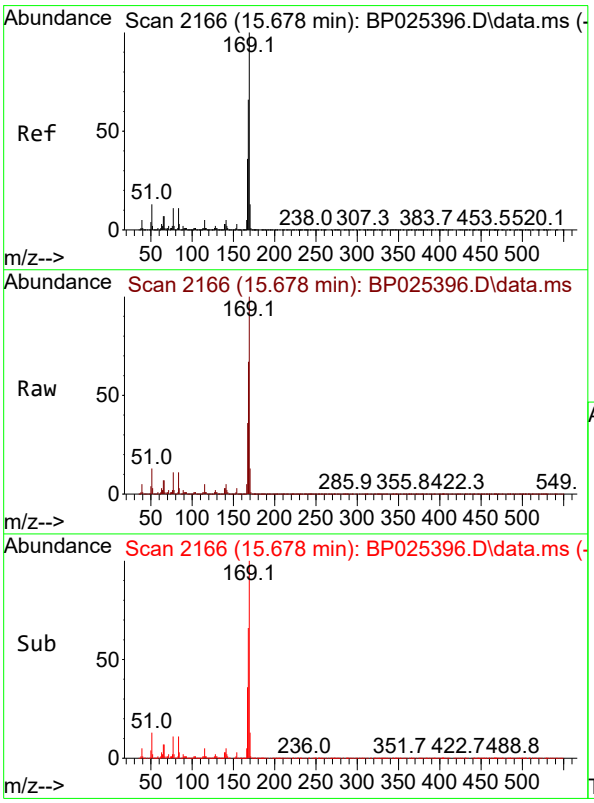
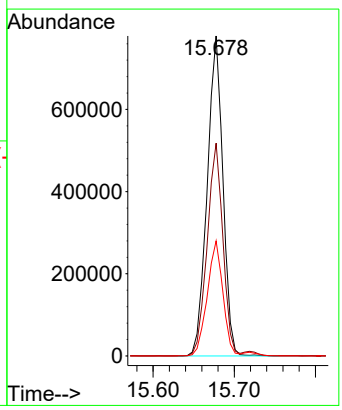


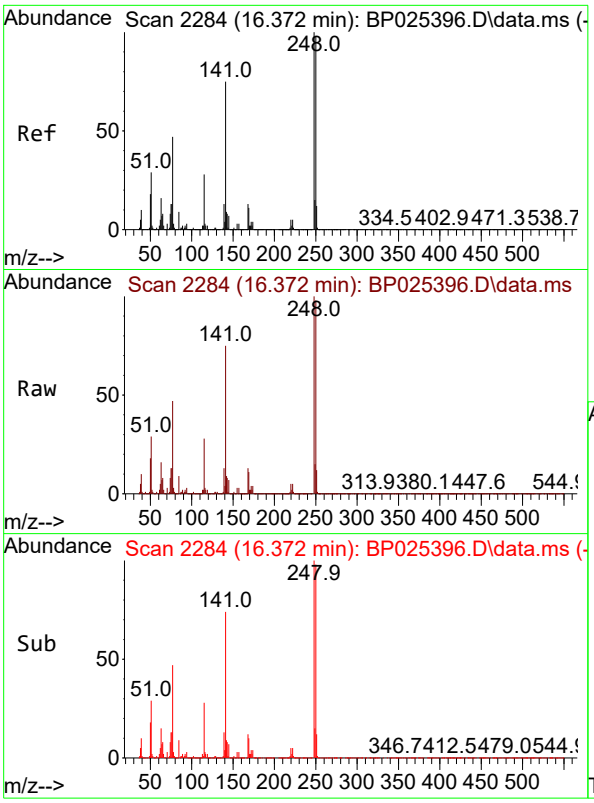


#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 38.739 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:248 Resp: 37686

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	74.5	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
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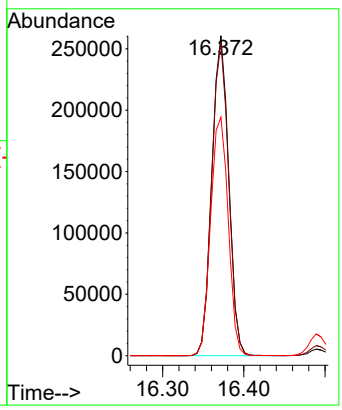
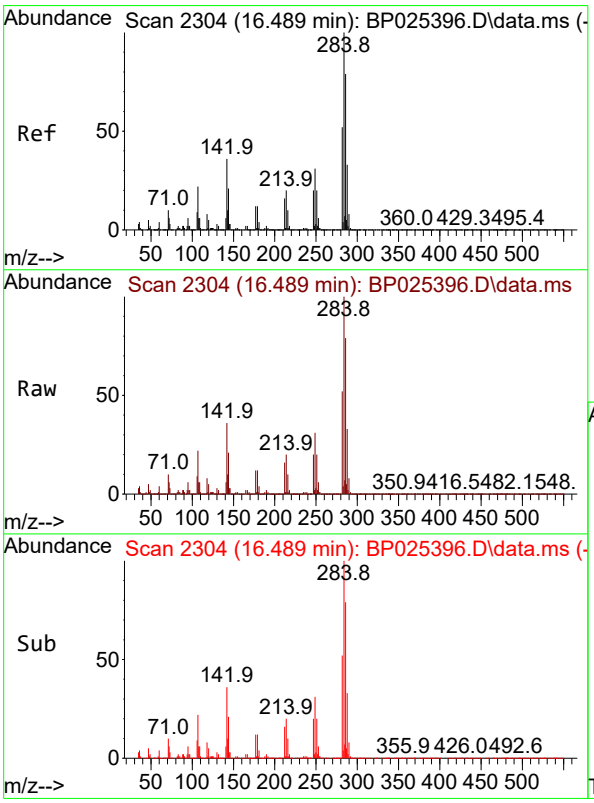
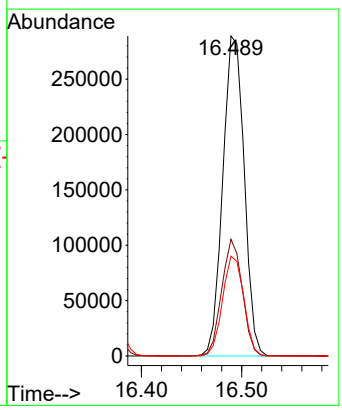


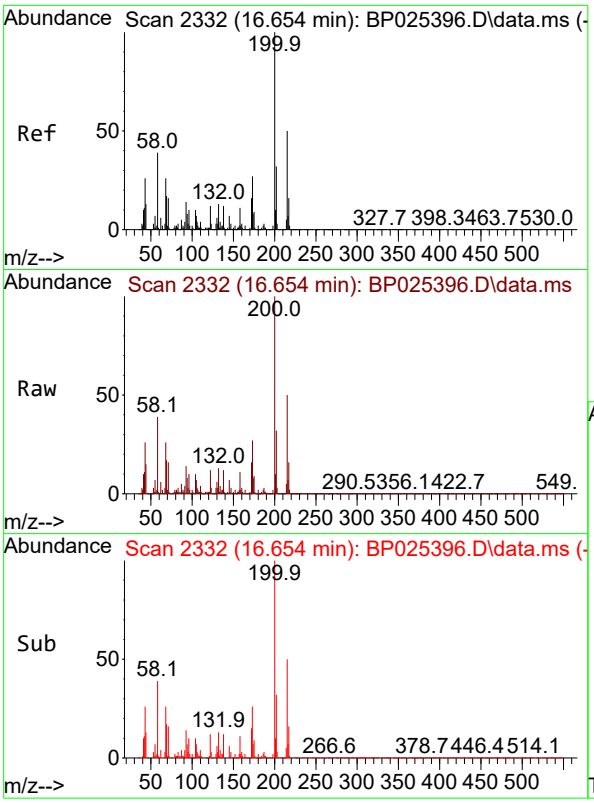


#68
Hexachlorobenzene
Concen: 37.986 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:284 Resp: 428361

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.1	43.7
249	31.2	25.0	37.4

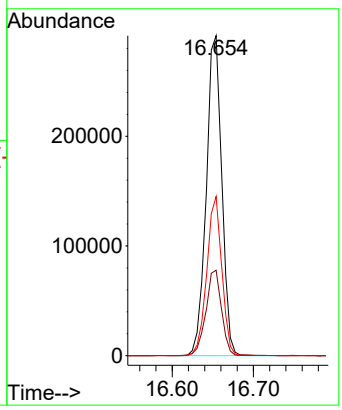




#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:200 Resp: 38625

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
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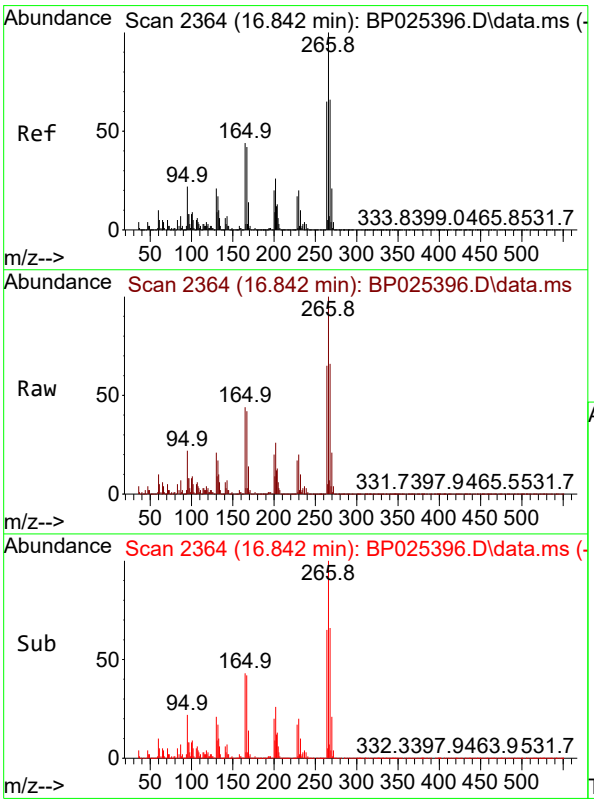
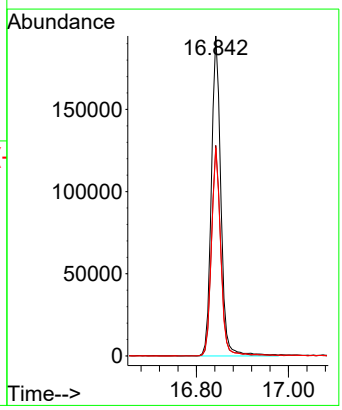
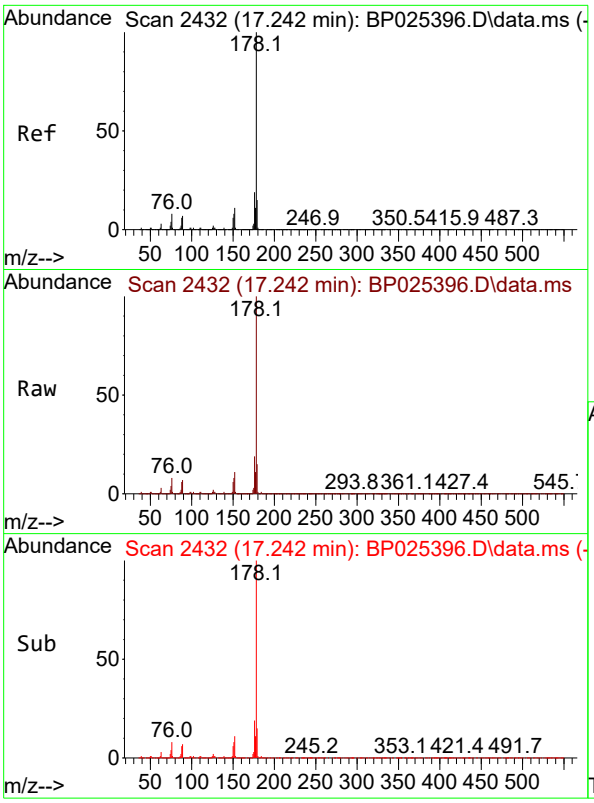


#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:266 Resp: 278412

Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.6	79.0
264	65.0	52.0	78.0





#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 183919

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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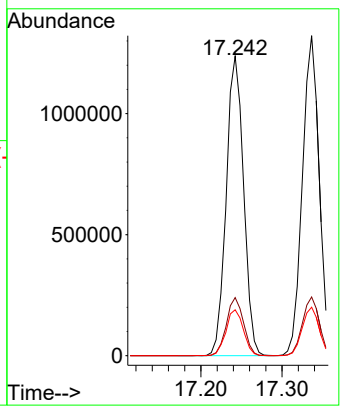
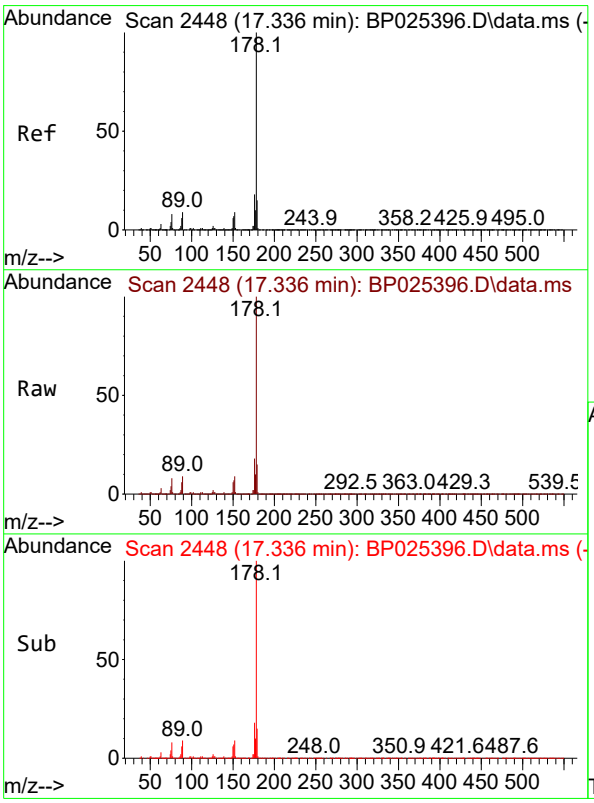
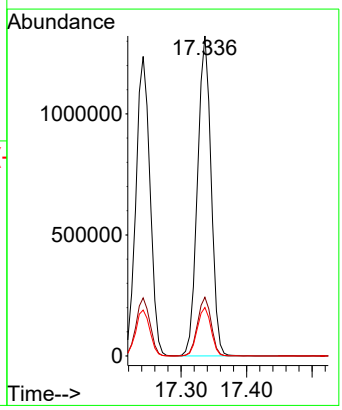


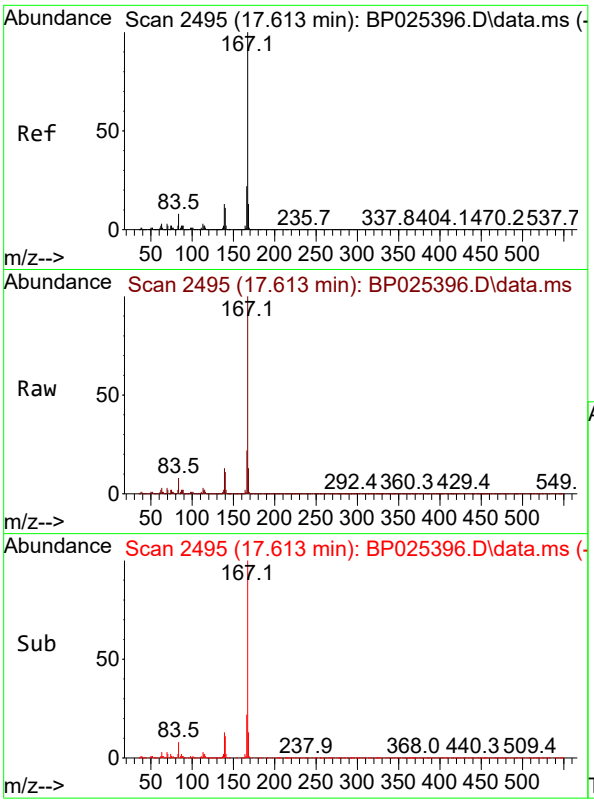


#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:178 Resp: 1908189

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.2	18.2

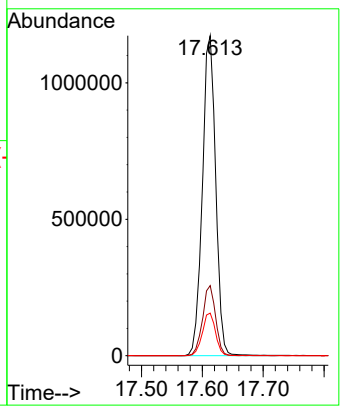




#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:167 Resp: 178189

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.3	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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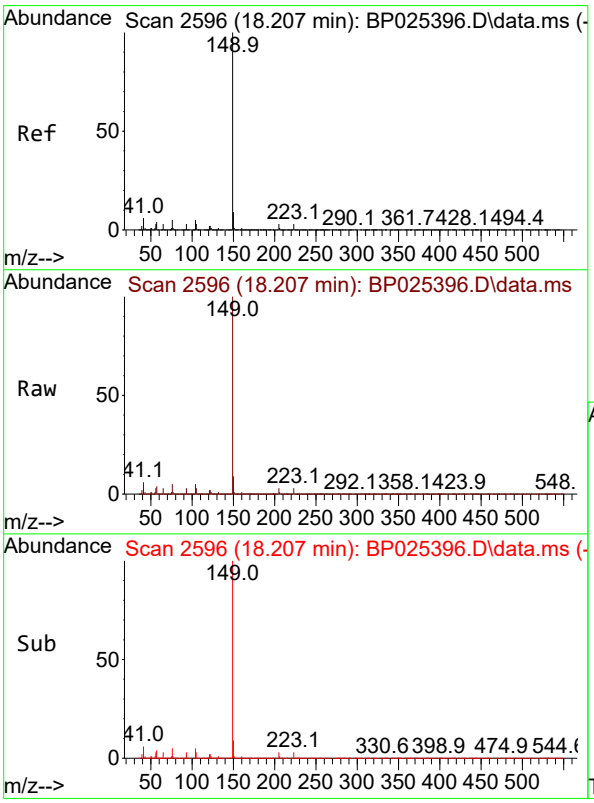
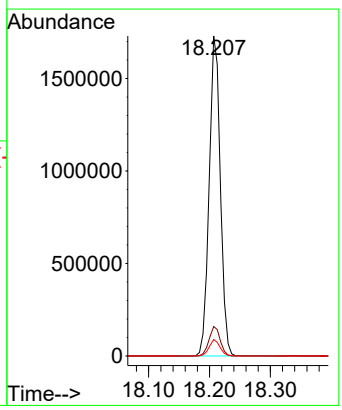
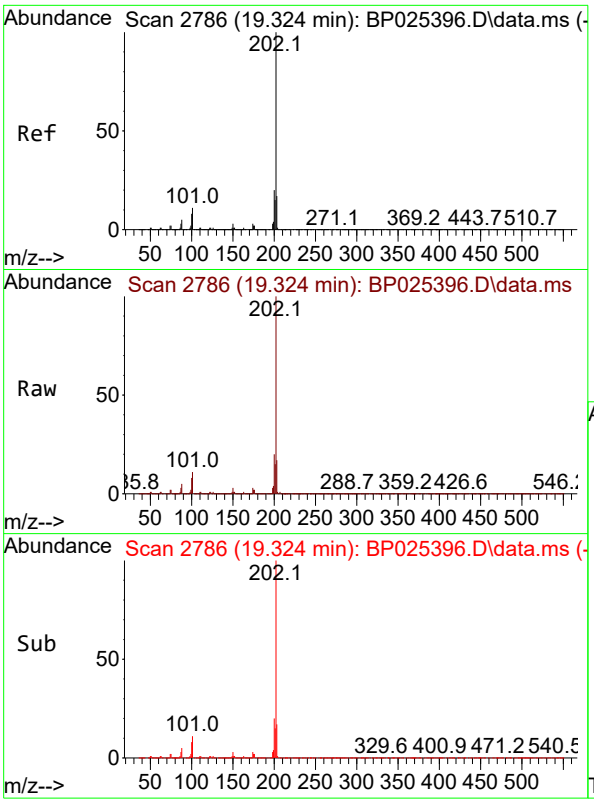


#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 2201043

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.2	6.2

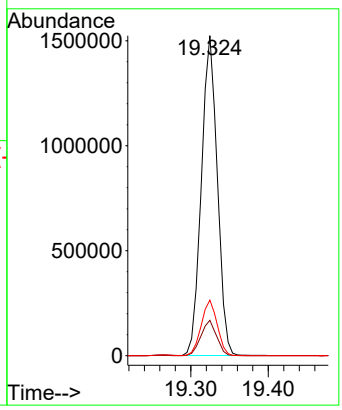




#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 217275

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.3	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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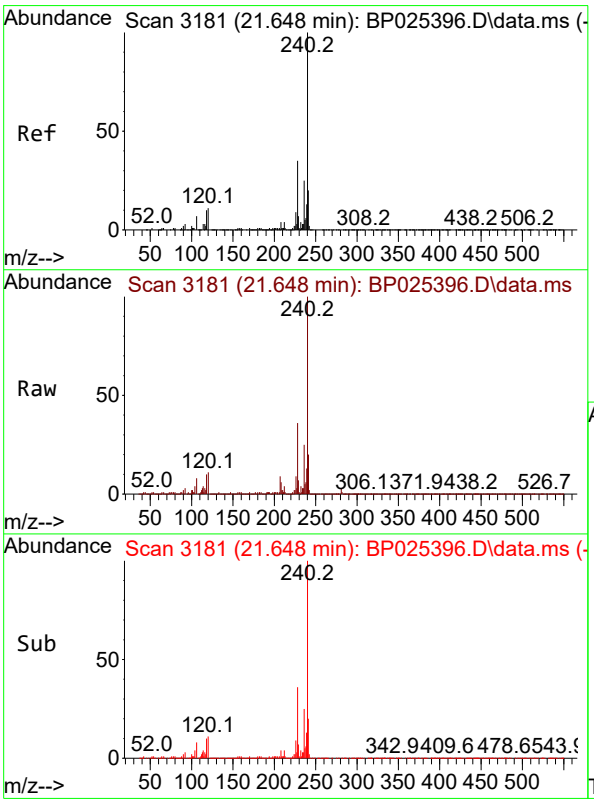
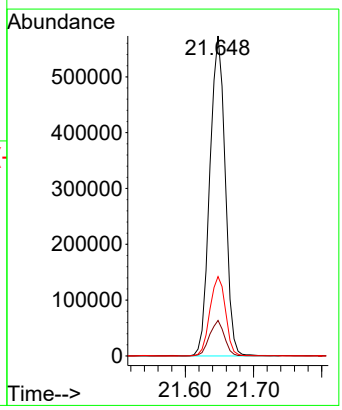
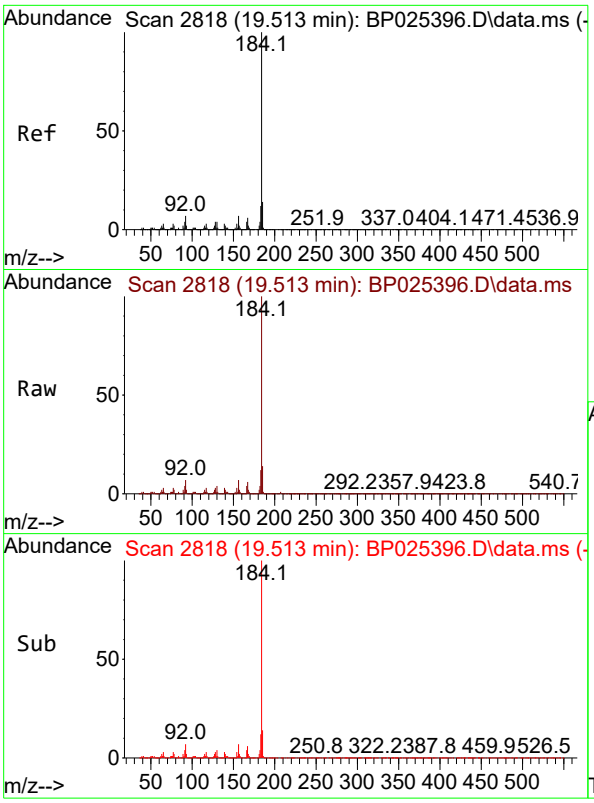


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:240 Resp: 899207

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	24.8	19.8	29.8

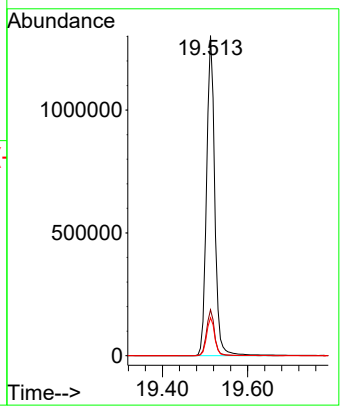




#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 173892

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.8	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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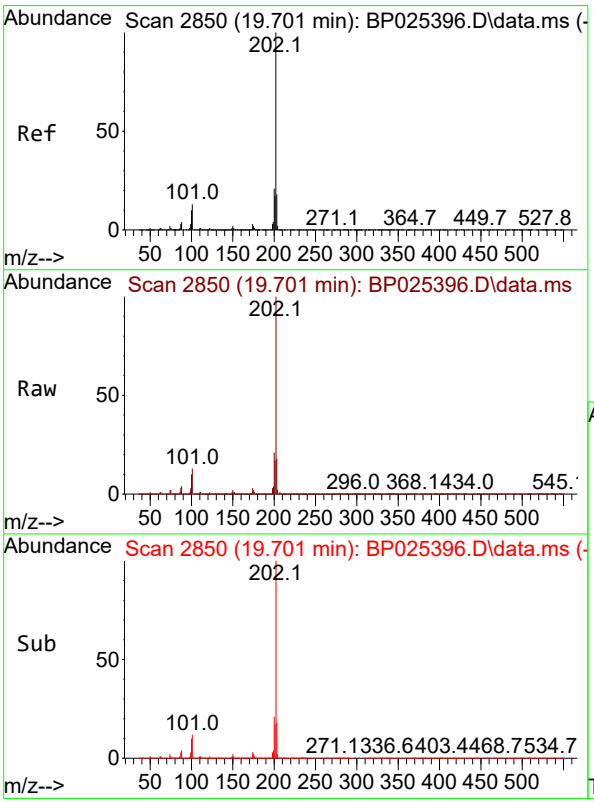
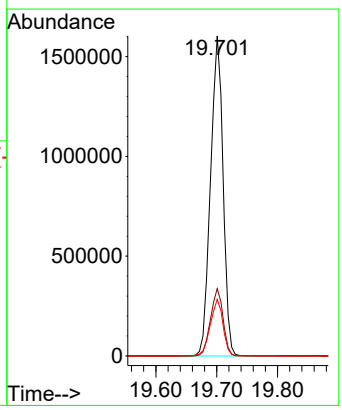
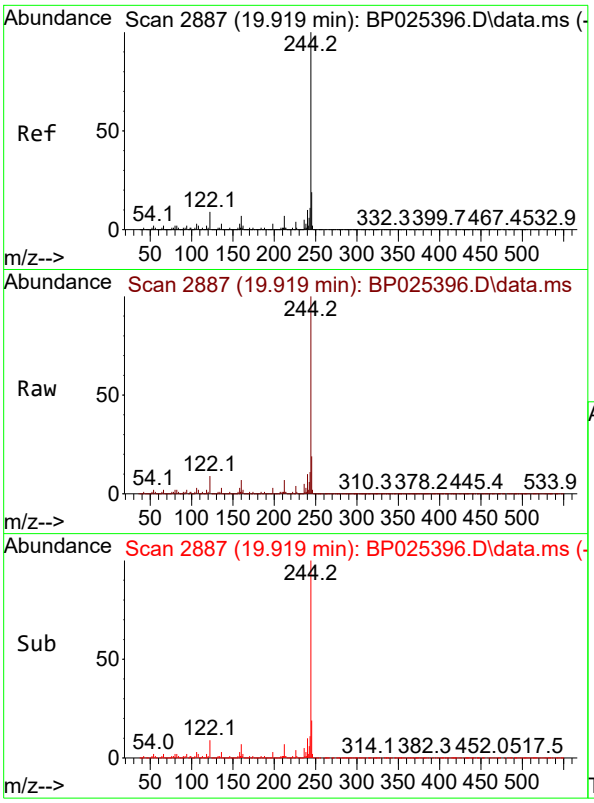


#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:202 Resp: 2290461

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.2	21.2

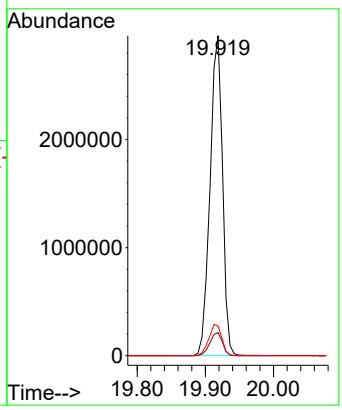




#79
Terphenyl-d14
Concen: 76.508 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:244 Resp: 376023

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.3	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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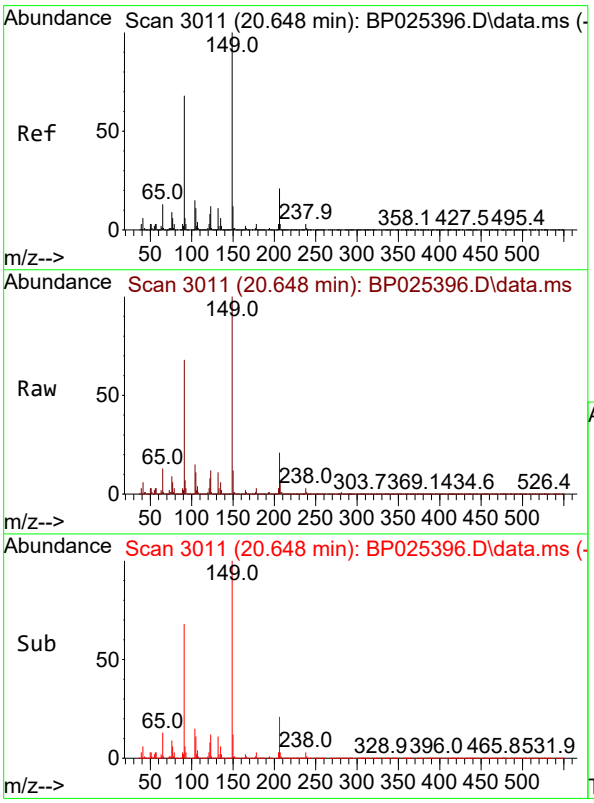
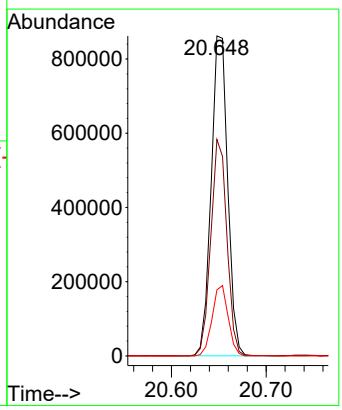
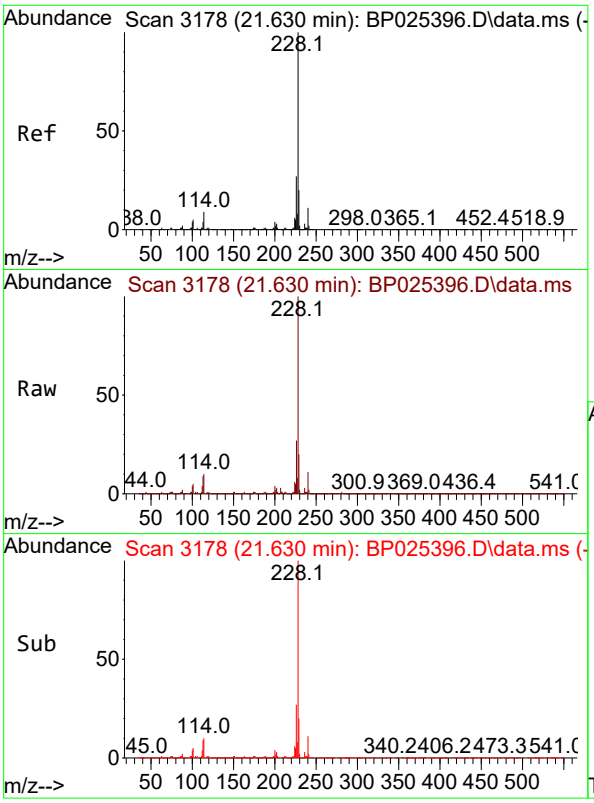


#80
Butylbenzylphthalate
Concen: 39.338 ng
RT: 20.648 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1041998

Ion	Ratio	Lower	Upper
149	100		
91	67.7	54.2	81.2
206	20.7	16.6	24.8

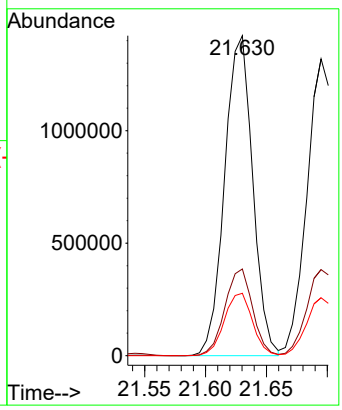




#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 228077

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
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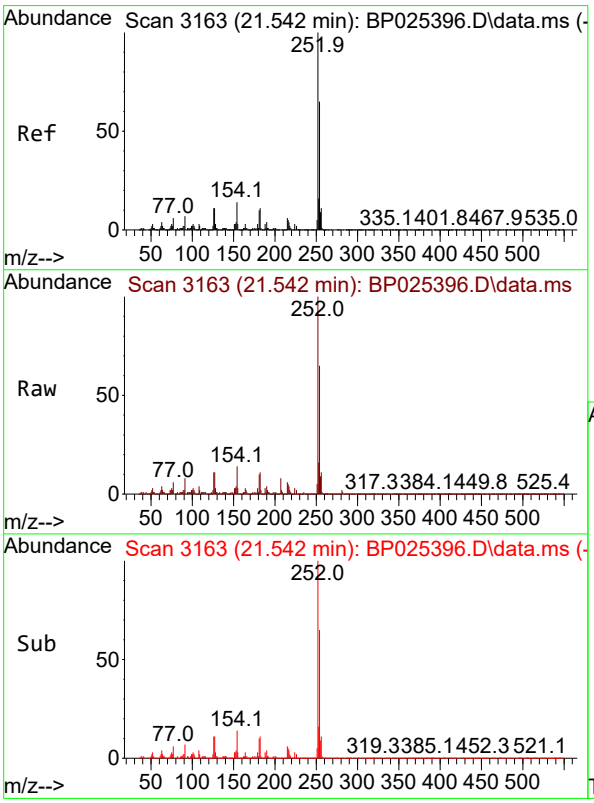
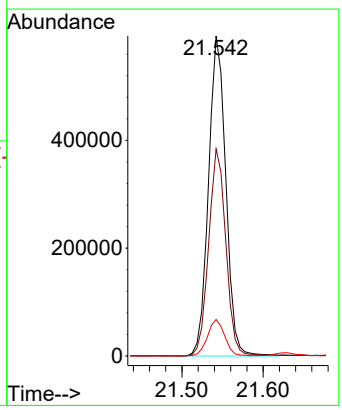
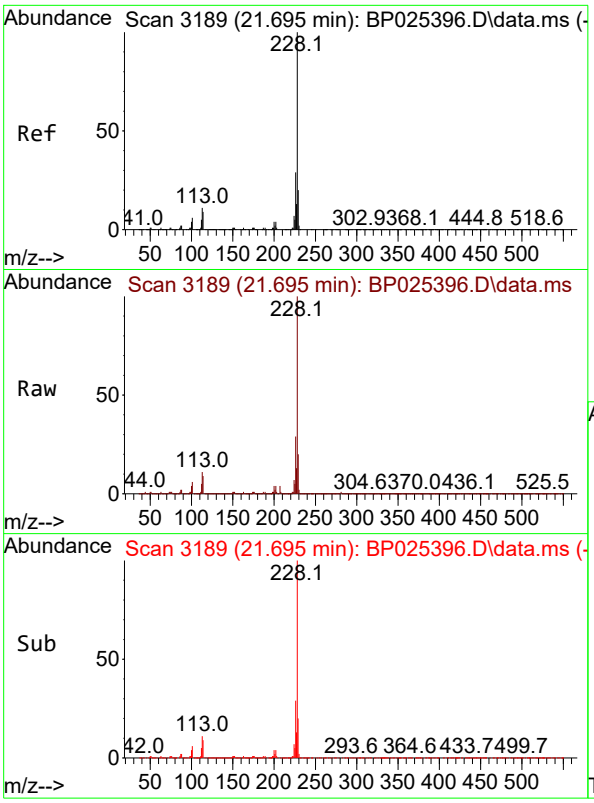


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 877708

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	11.4	9.1	13.7

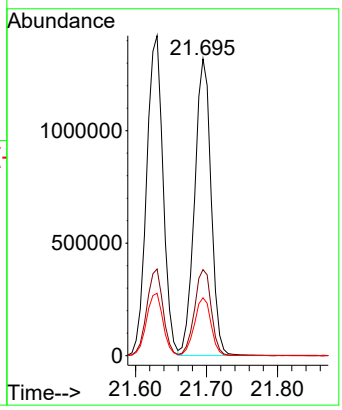




#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:228 Resp: 212586

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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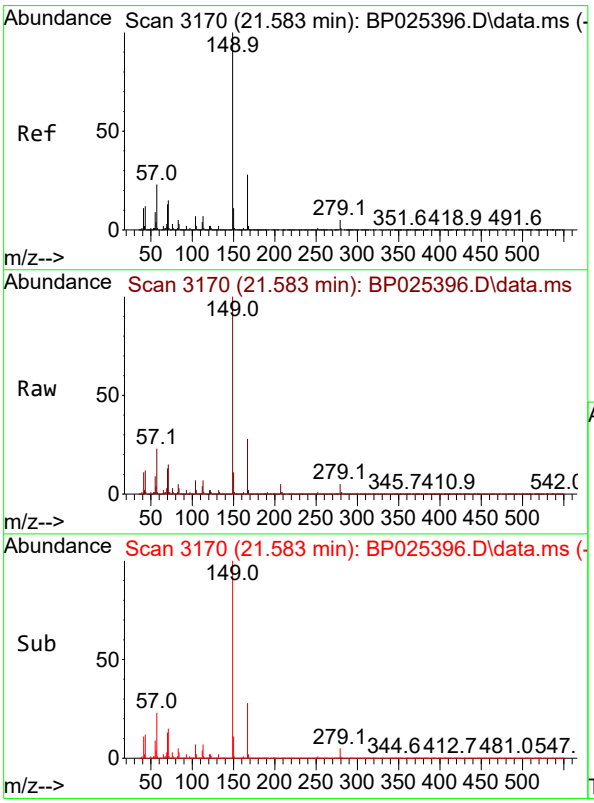
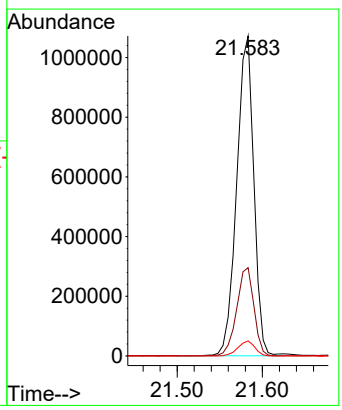
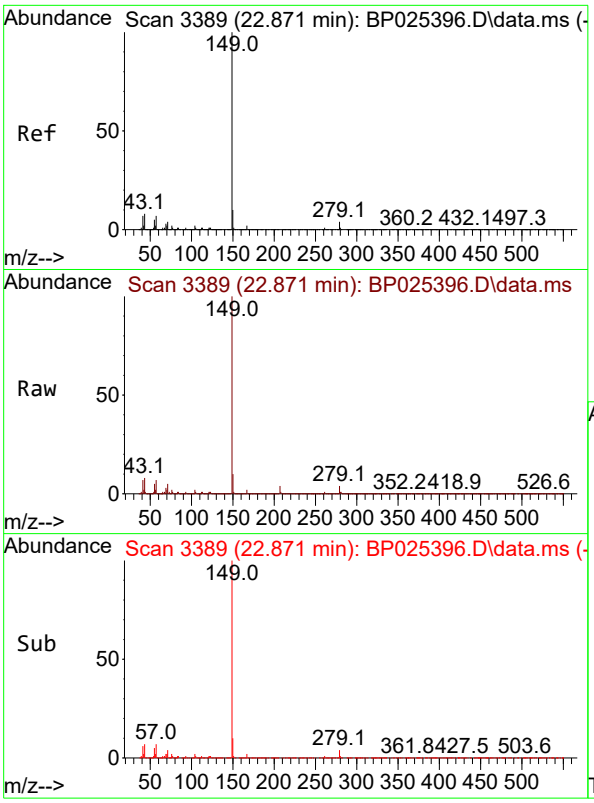


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:149 Resp: 1493804

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.7	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 38.730 ng
RT: 22.871 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

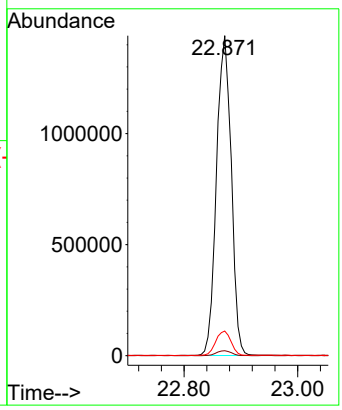
Tgt Ion:149 Resp: 259755

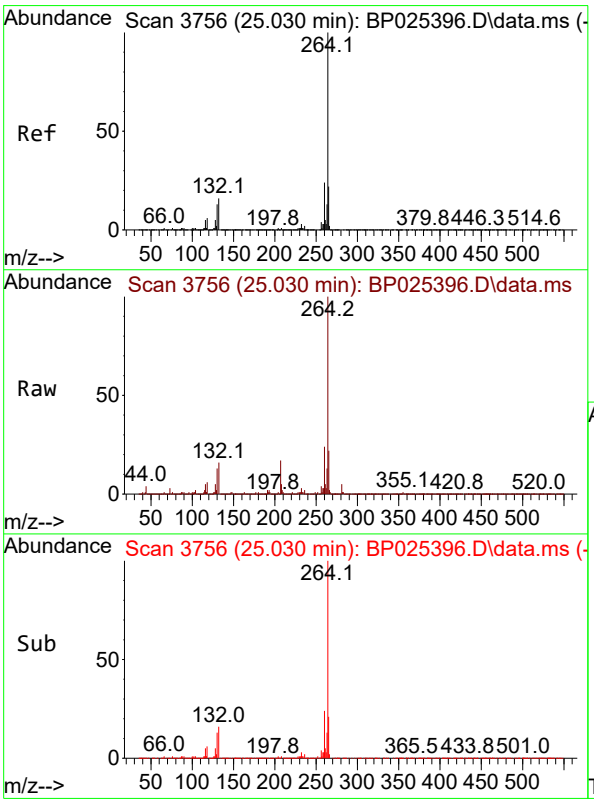
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

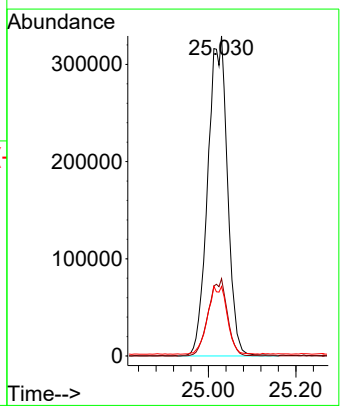


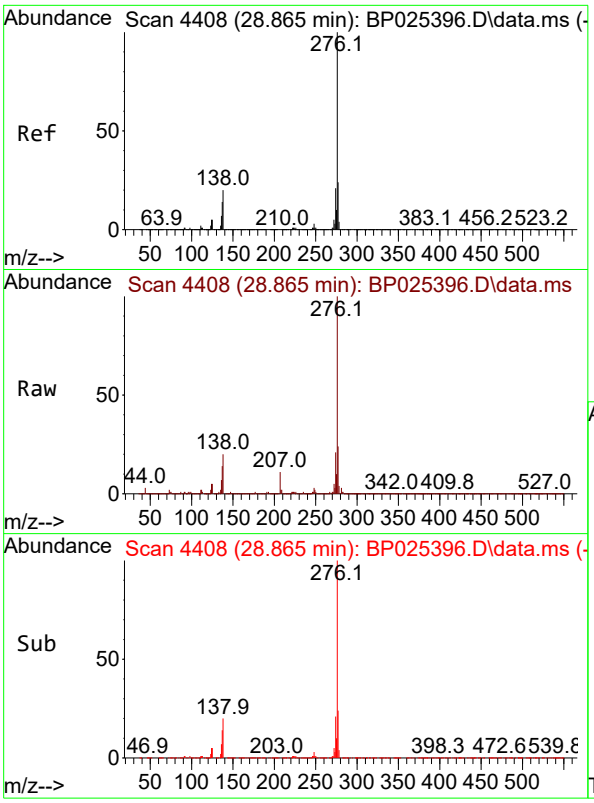


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:264 Resp: 1022138

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.7	17.4	26.0

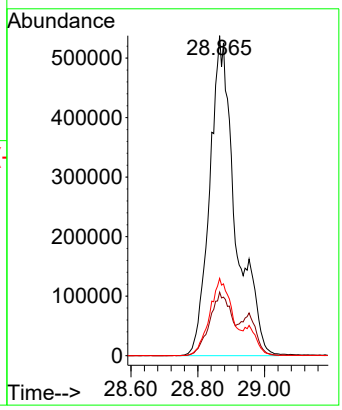




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:276 Resp: 288471

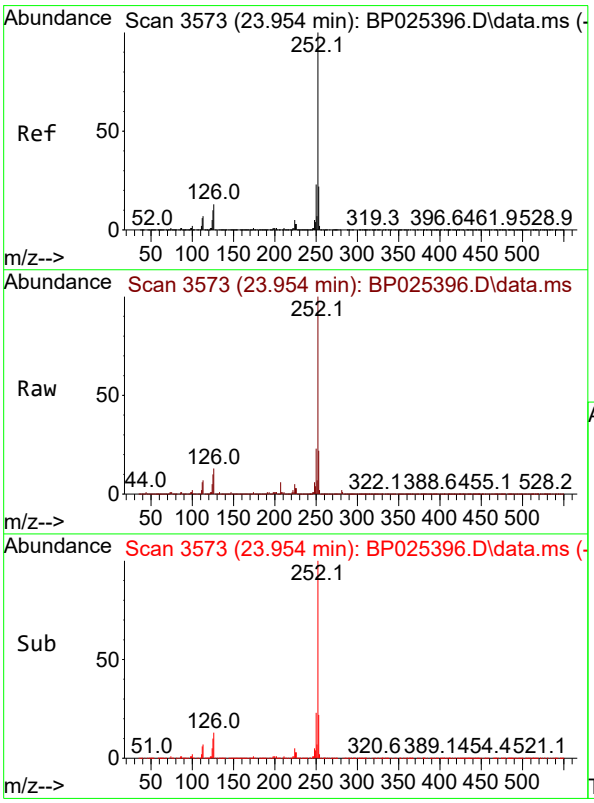
Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	21.3	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

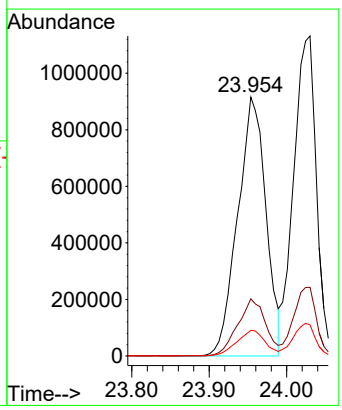
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

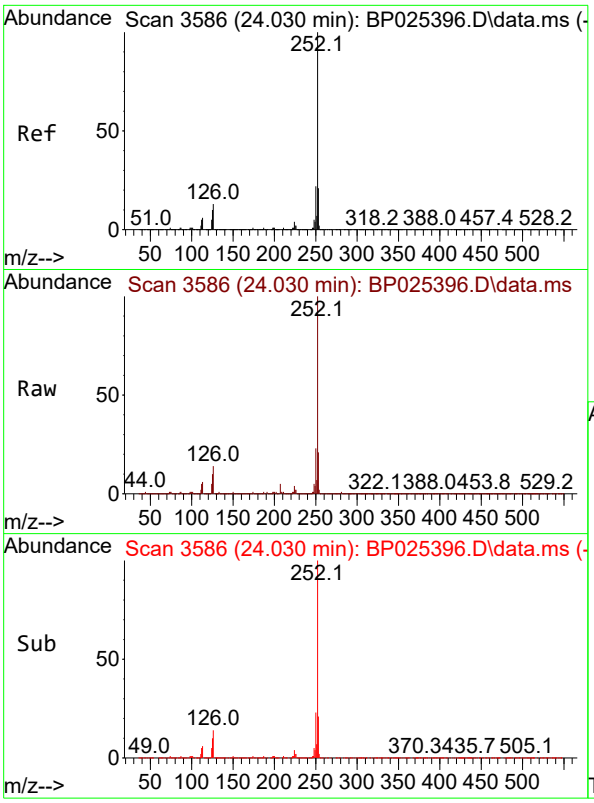


#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 2318198

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	7.9	11.9

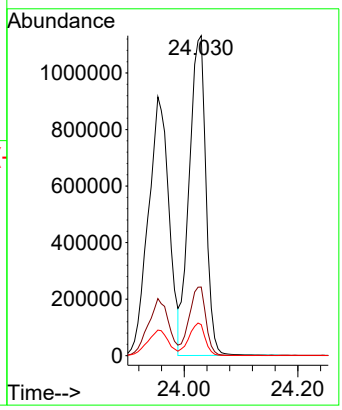




#89
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 24.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 230909

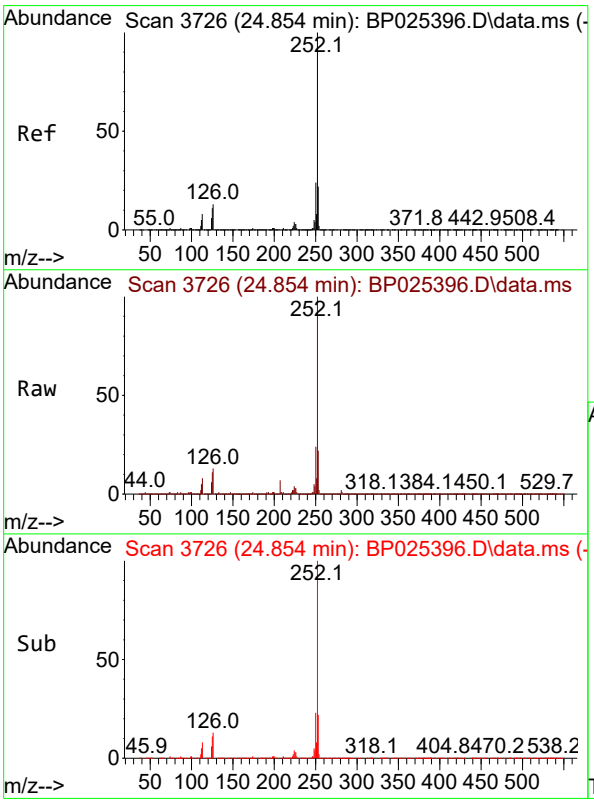
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.7	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

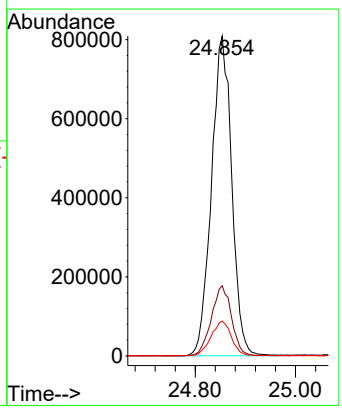
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

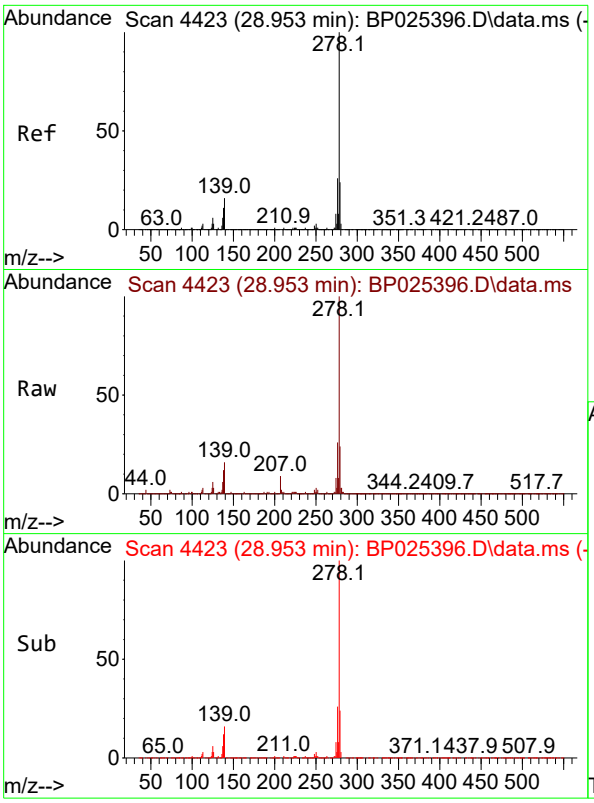


#90
Benzo(a)pyrene
Concen: 38.620 ng
RT: 24.854 min Scan# 3726
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:252 Resp: 2265862

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.9	8.7	13.1

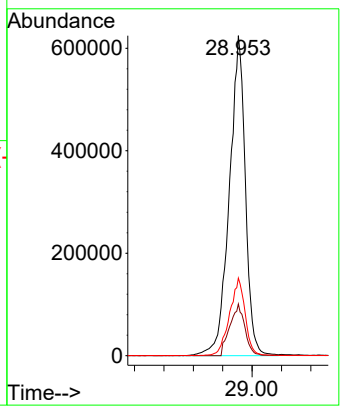




#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:278 Resp: 236384

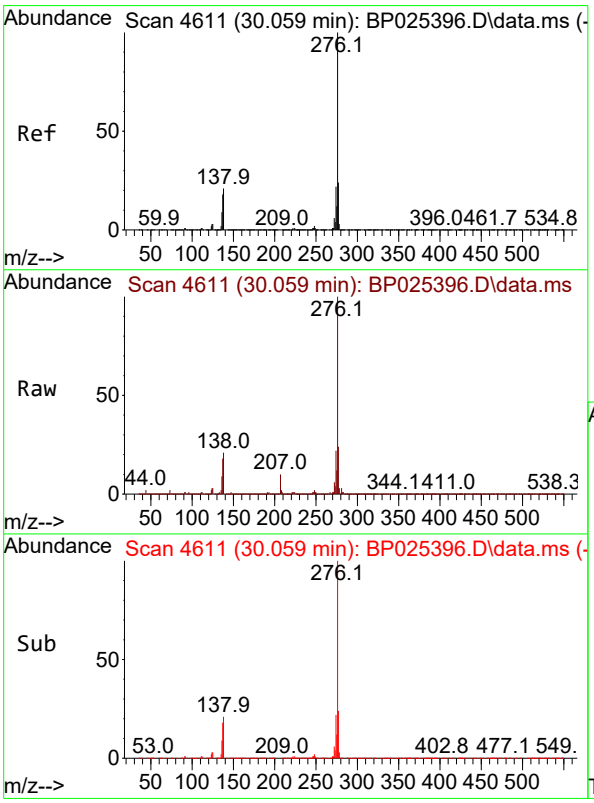
Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.3	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

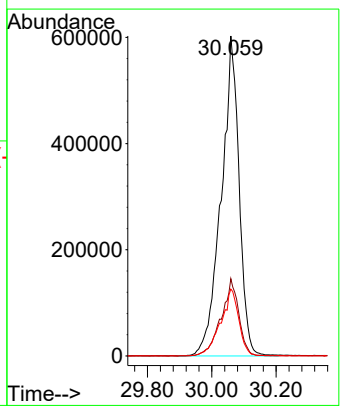
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.654 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:276 Resp: 2327292

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	20.9	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

ICAL Form

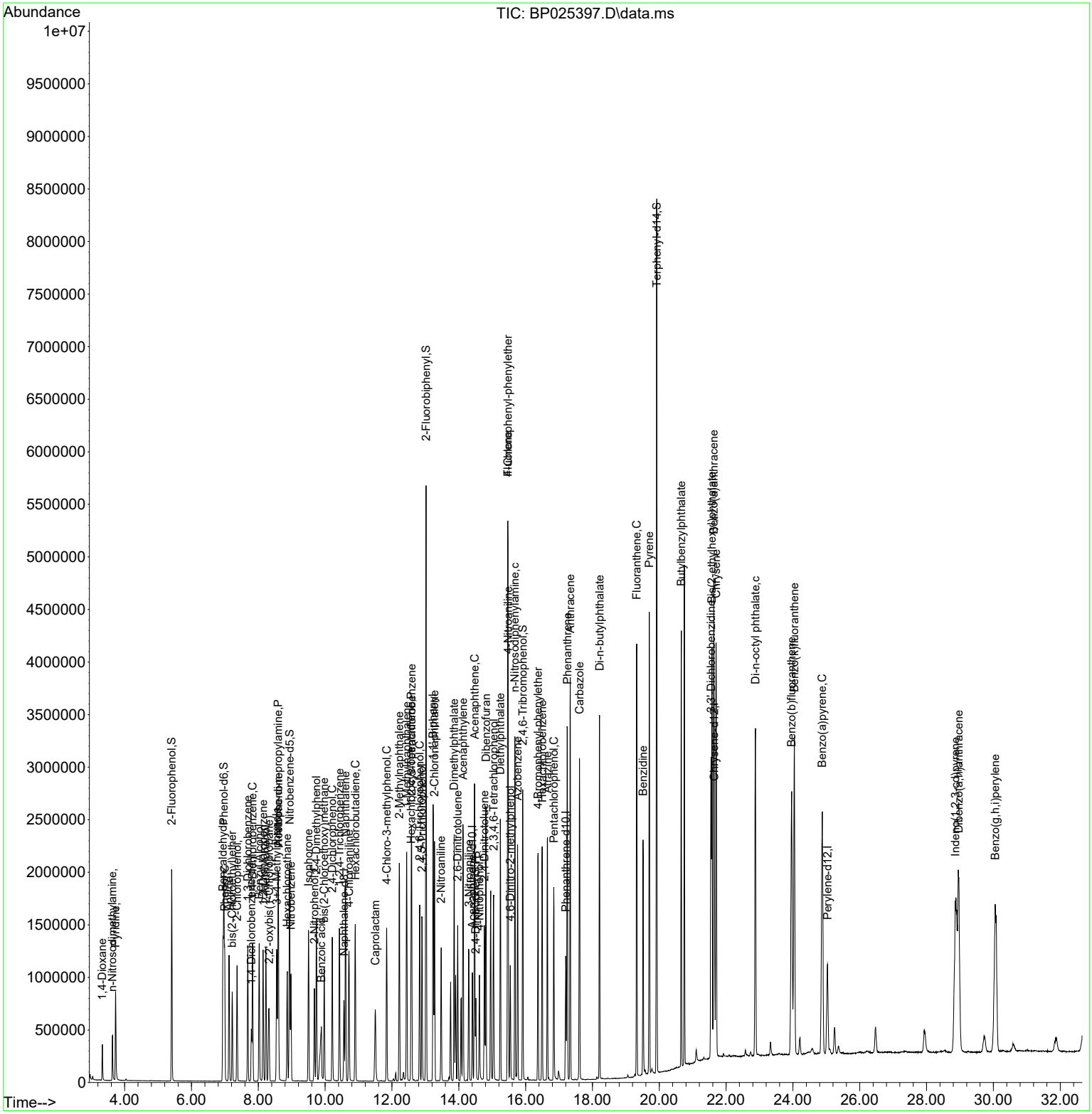
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

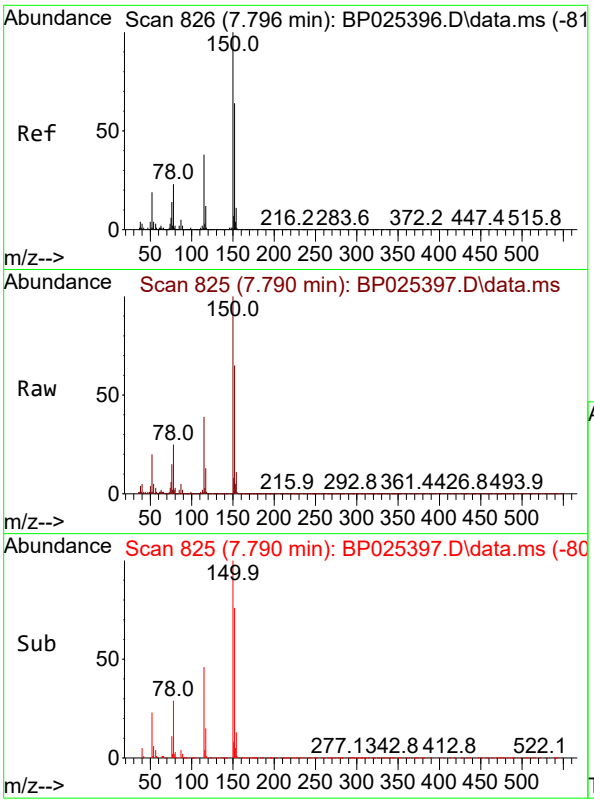
Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

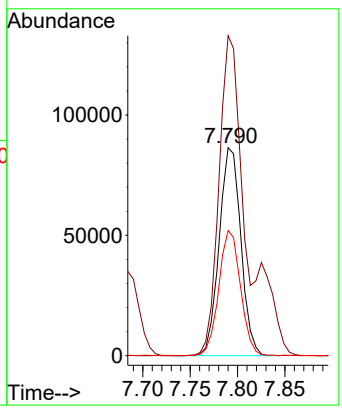




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 13794

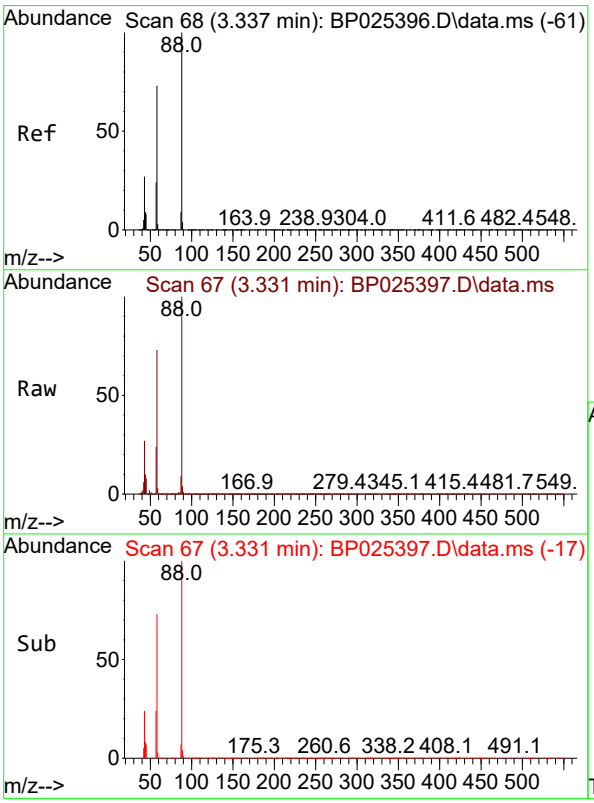
Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	60.2	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

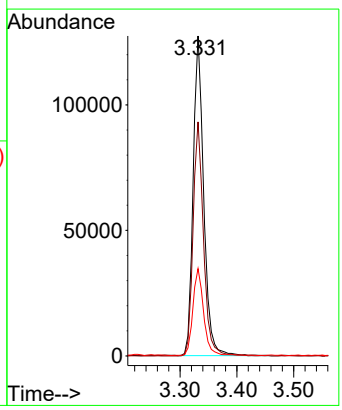
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

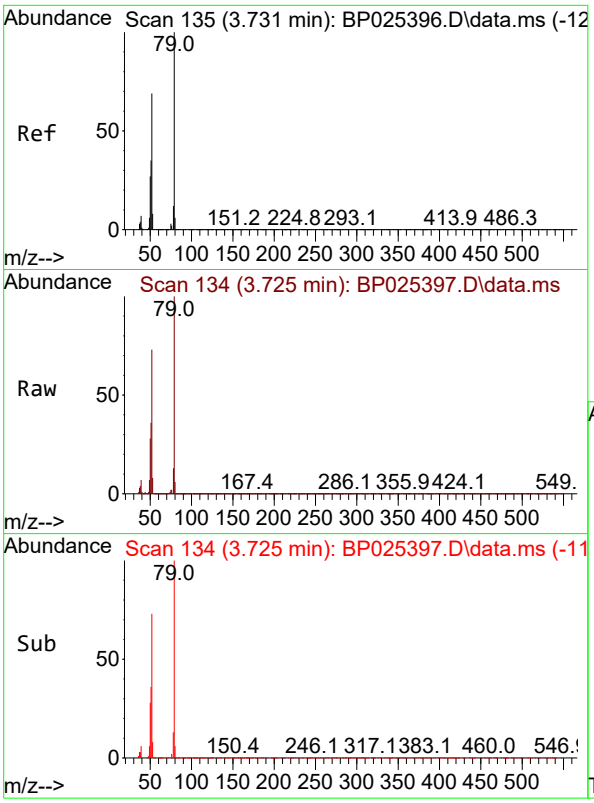


#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 88 Resp: 165184

Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.2	88.8
43	27.8	21.7	32.5

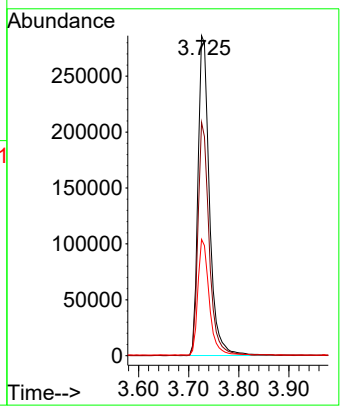




#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 45402

Ion	Ratio	Lower	Upper
79	100		
52	72.9	55.5	83.3
51	36.3	28.3	42.5



Instrument :
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ClientSampleId :
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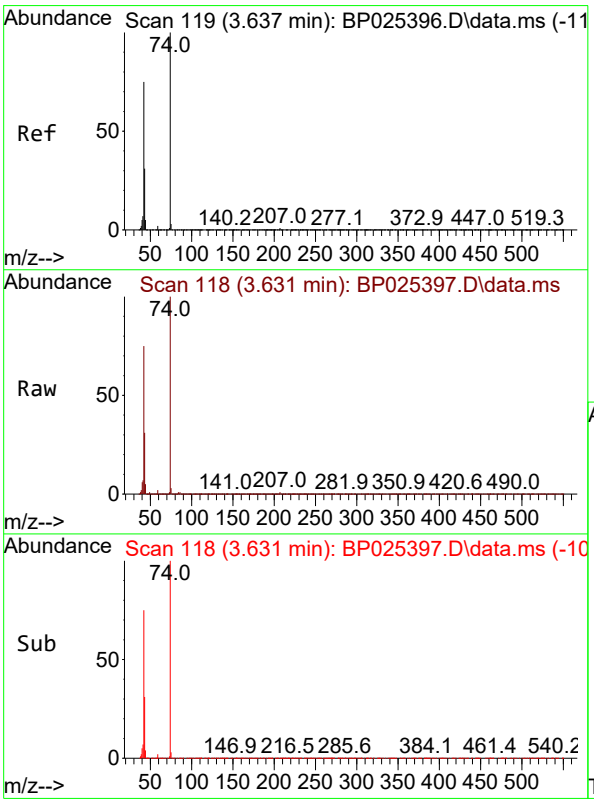
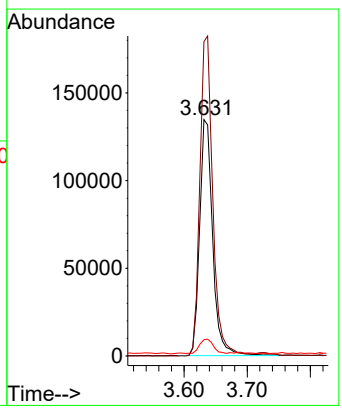
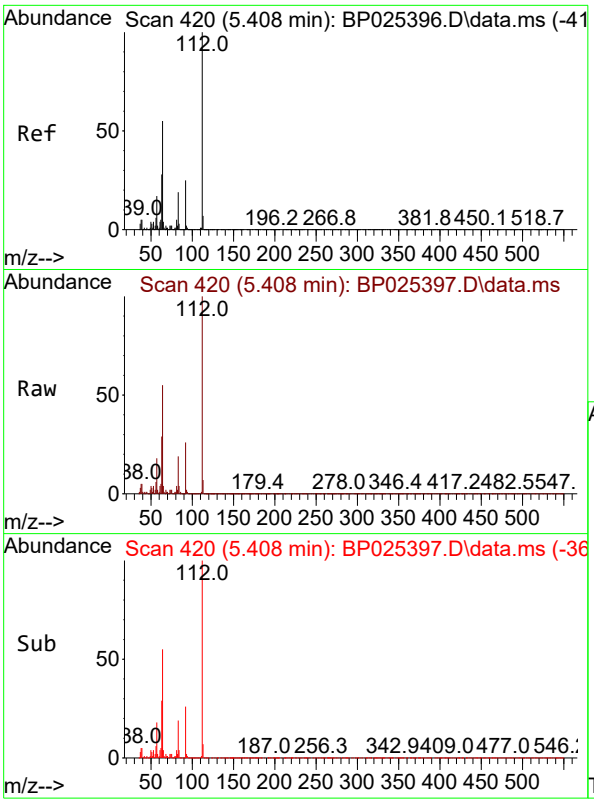


#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 42 Resp: 192837

Ion	Ratio	Lower	Upper
42	100		
74	133.0	107.0	160.4
44	6.9	6.2	9.4

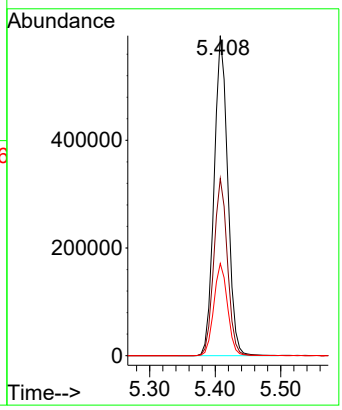




#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:112 Resp: 85525

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.8
63	28.8	22.7	34.1



Instrument :
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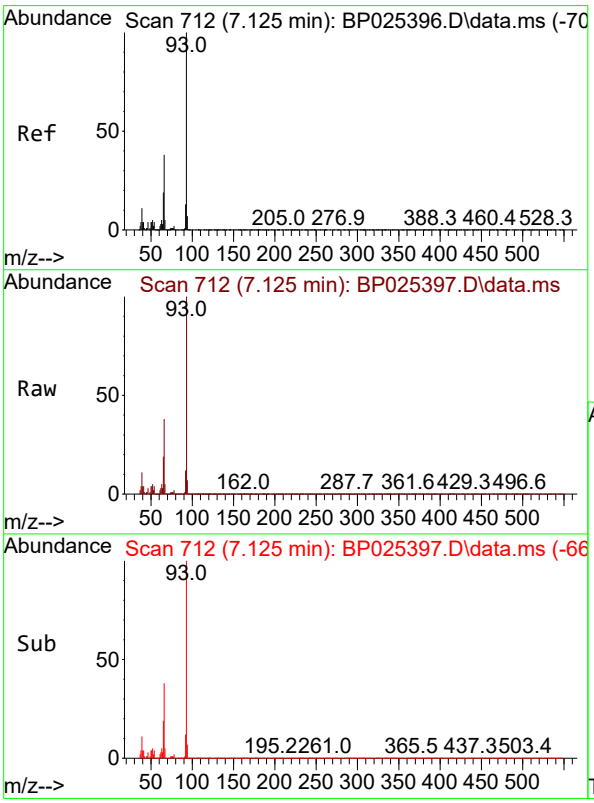
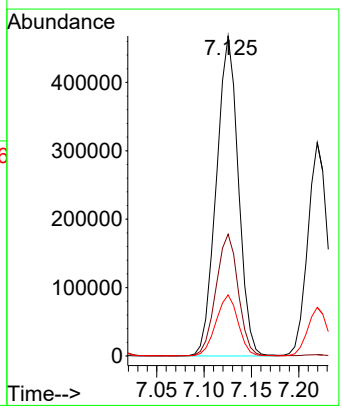
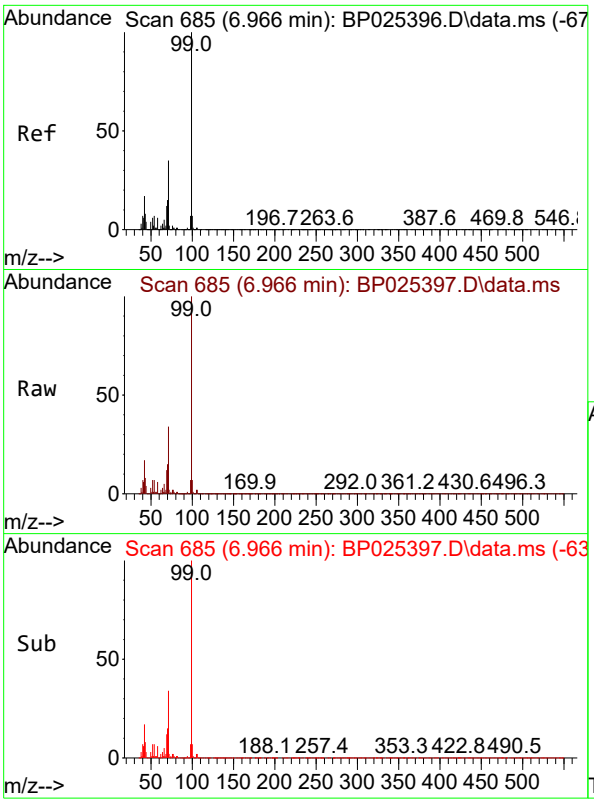


#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 756782

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	19.1	15.3	22.9

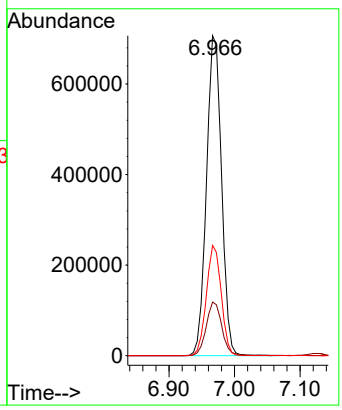




#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 99 Resp: 113186

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	34.4	28.2	42.4



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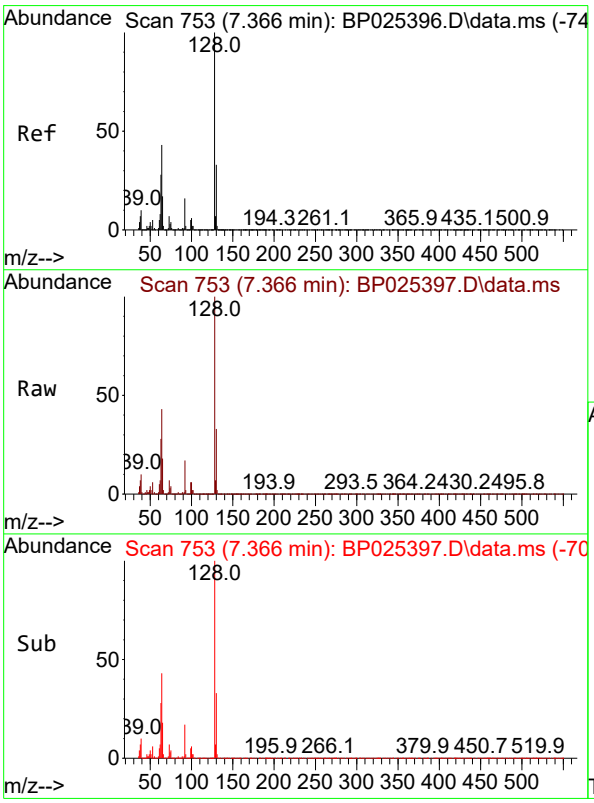
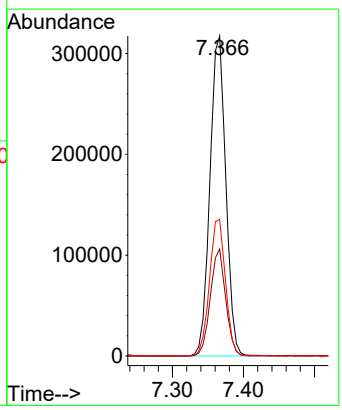
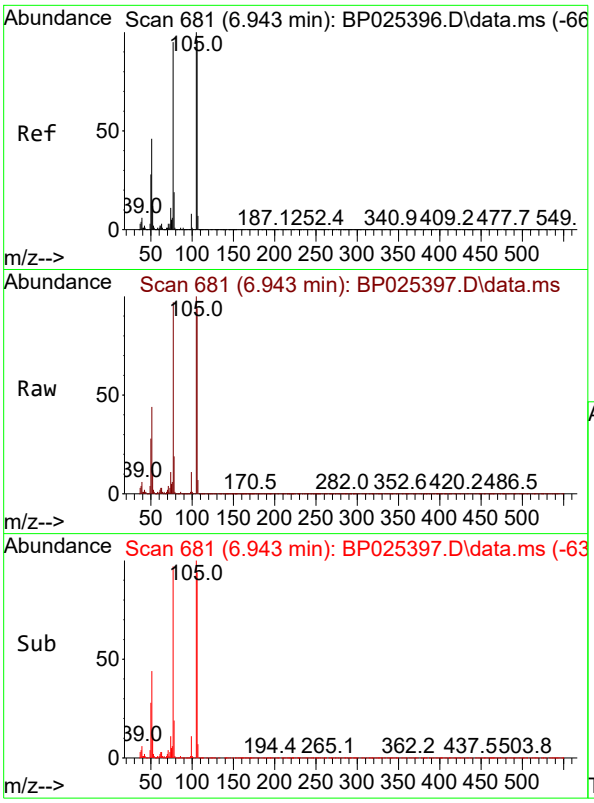


#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 492570

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	42.7	23.4	63.4

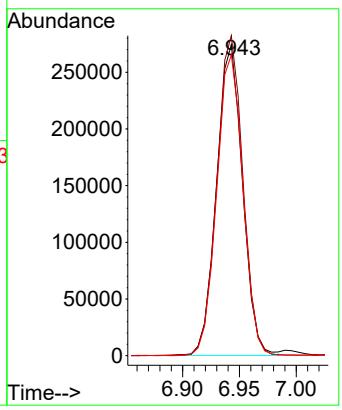




#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 43517

Ion	Ratio	Lower	Upper
77	100		
105	102.9	84.8	124.8
106	96.7	80.5	120.5



Instrument :
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ClientSampleId :
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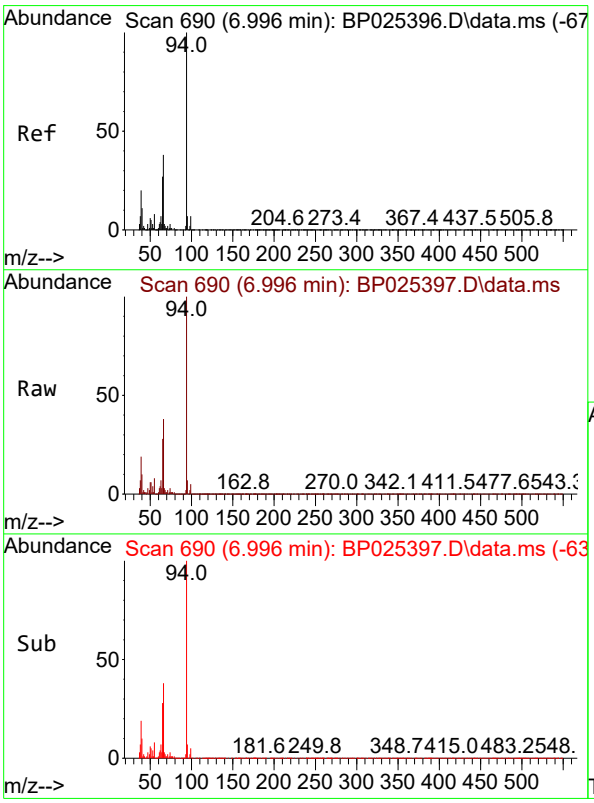
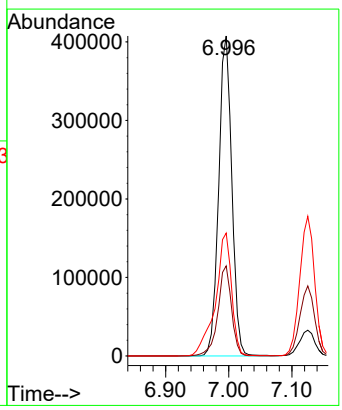
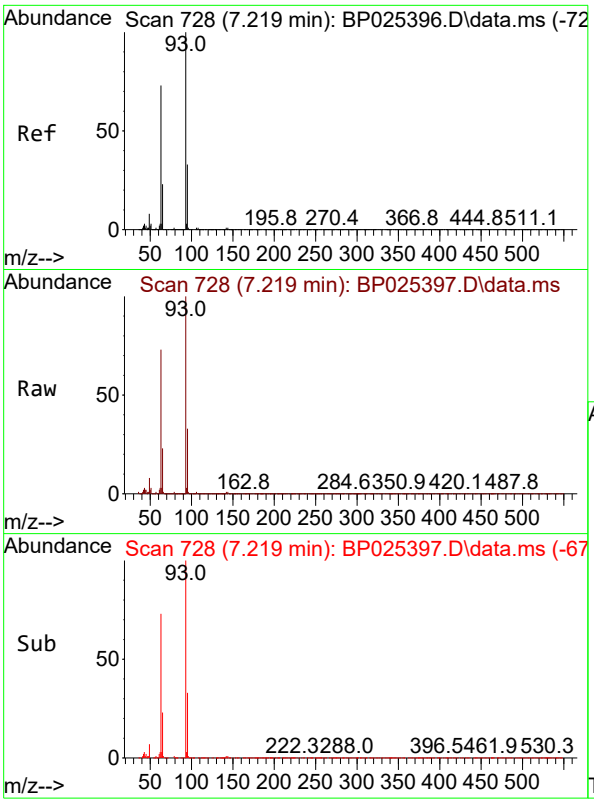


#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.8	46.8
66	38.4	18.2	58.2

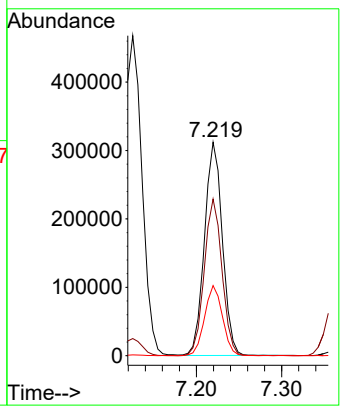




#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 45569

Ion	Ratio	Lower	Upper
93	100		
63	73.4	52.6	92.6
95	32.9	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
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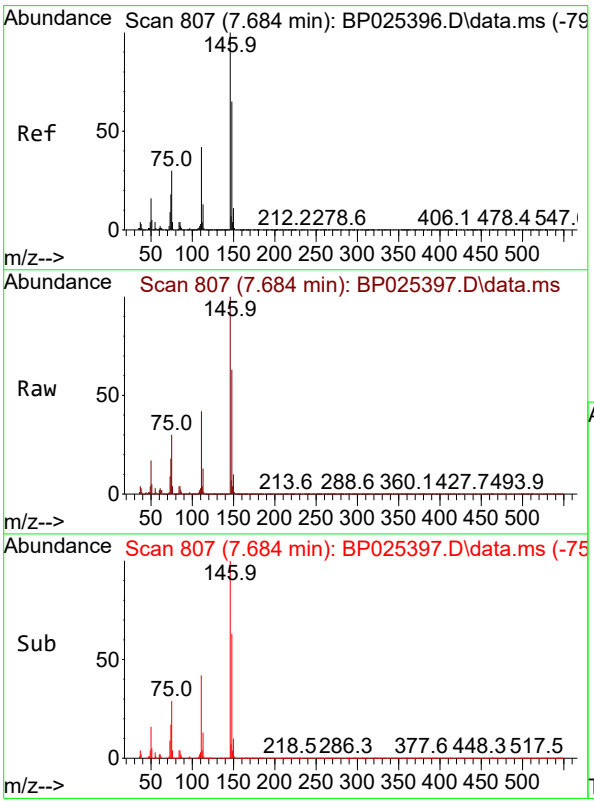
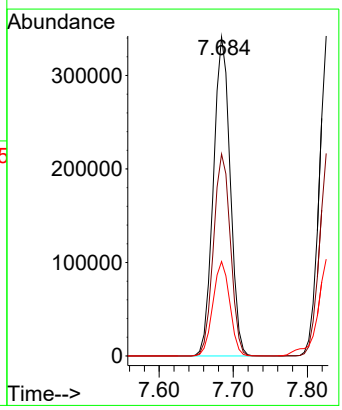
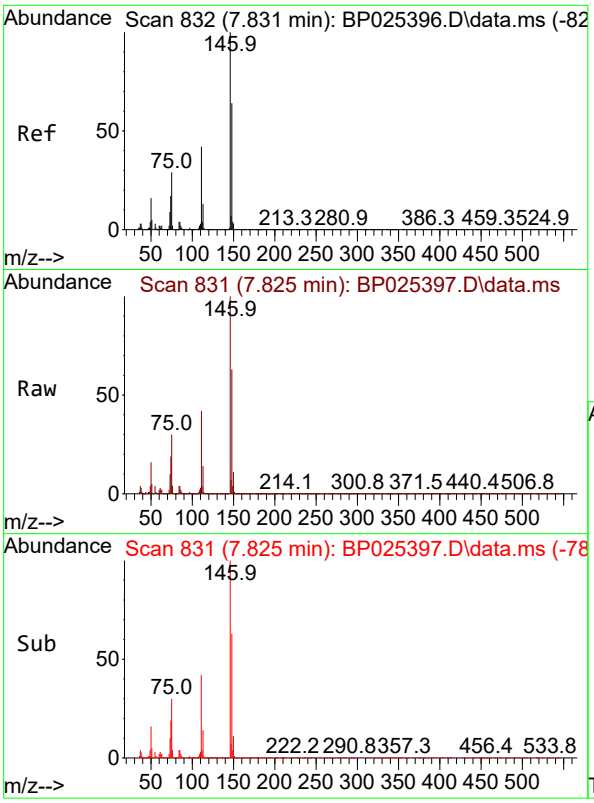


#12
1,3-Dichlorobenzene
Concen: 51.884 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 536261

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	29.6	23.7	35.5

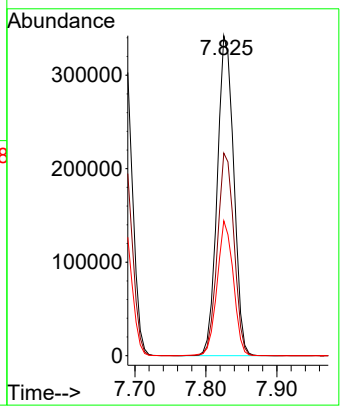




#13
1,4-Dichlorobenzene
Concen: 52.113 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 55054

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	42.2	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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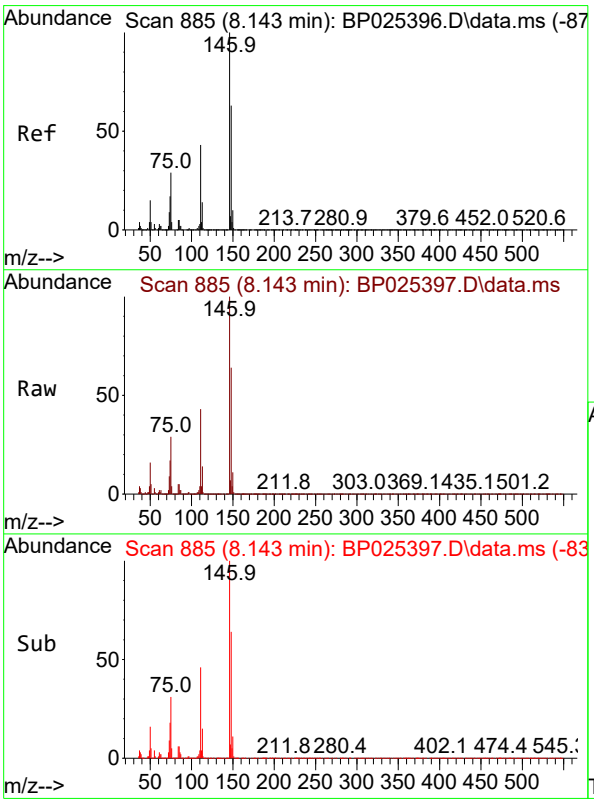
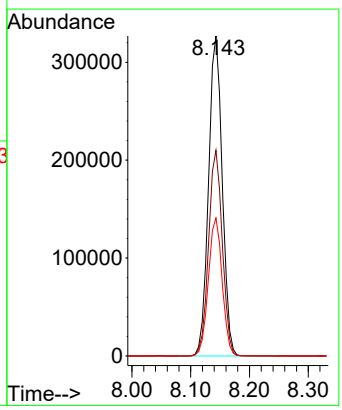
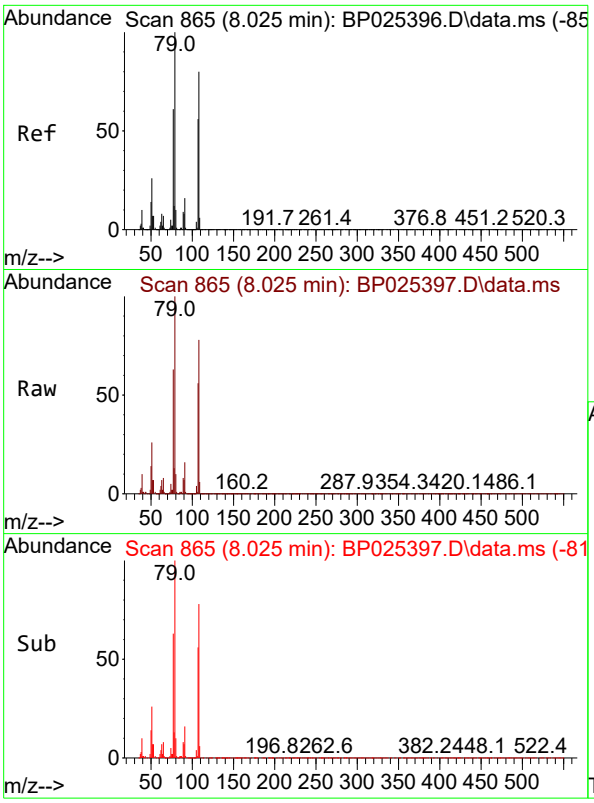


#14
1,2-Dichlorobenzene
Concen: 51.705 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:146 Resp: 528750

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.1	34.5	51.7

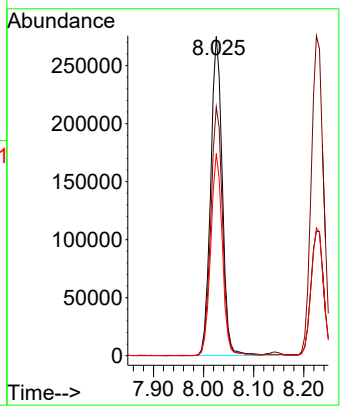




#15
Benzyl Alcohol
Concen: 52.458 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 79 Resp: 44388

Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.8	95.6
77	63.4	49.0	73.4



Instrument :
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ClientSampleId :
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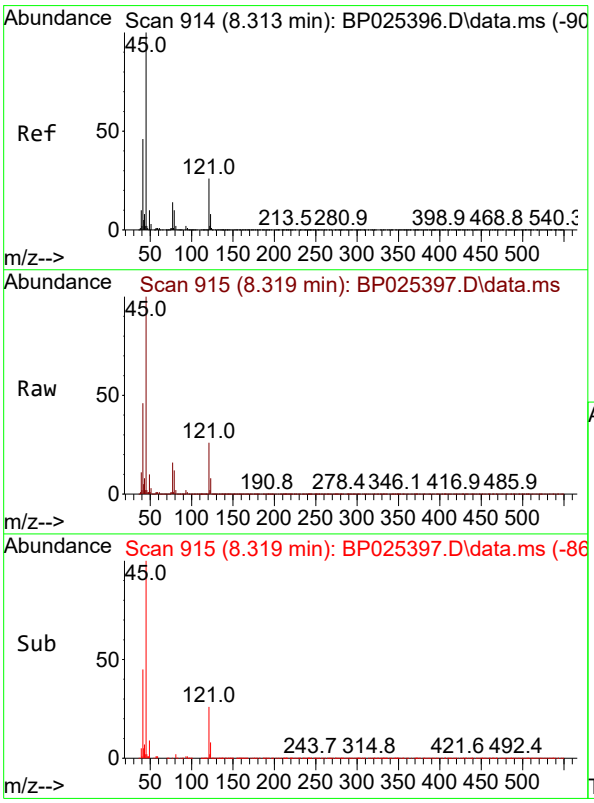
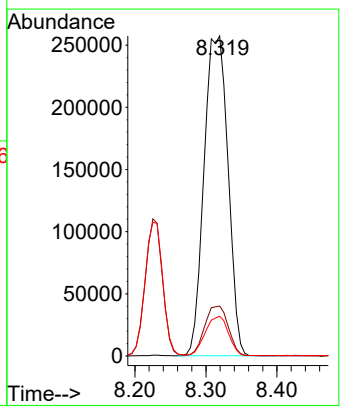
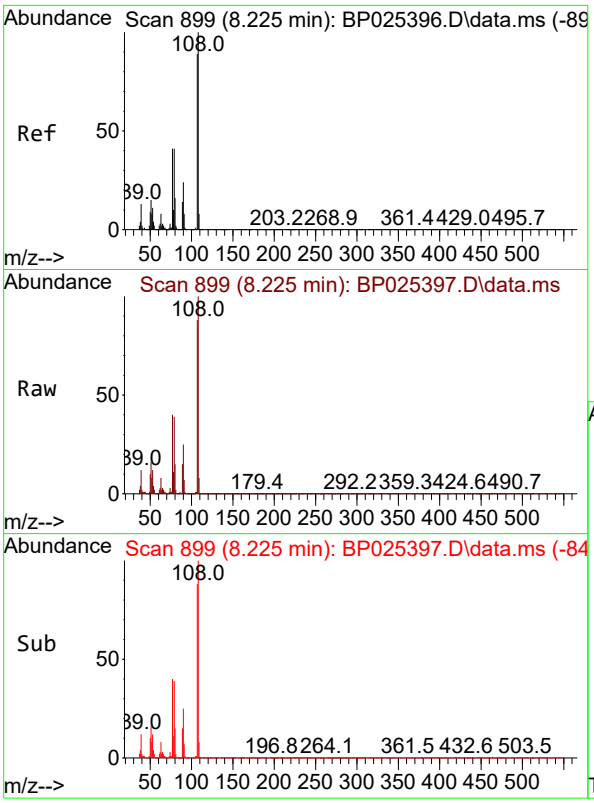


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.742 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 45 Resp: 603716

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.4	0.0	31.8

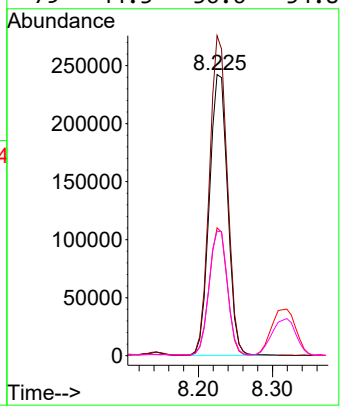




#17
2-Methylphenol
Concen: 53.211 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 41297

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.4	134.0
77	45.5	36.3	54.5
79	44.3	36.6	54.8



Instrument :
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ClientSampleId :
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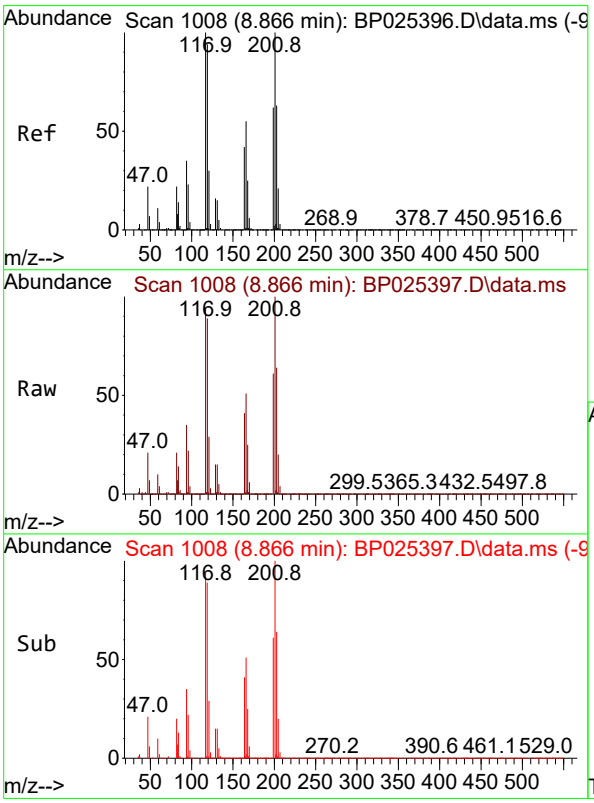
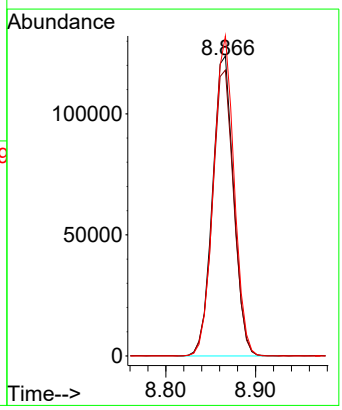
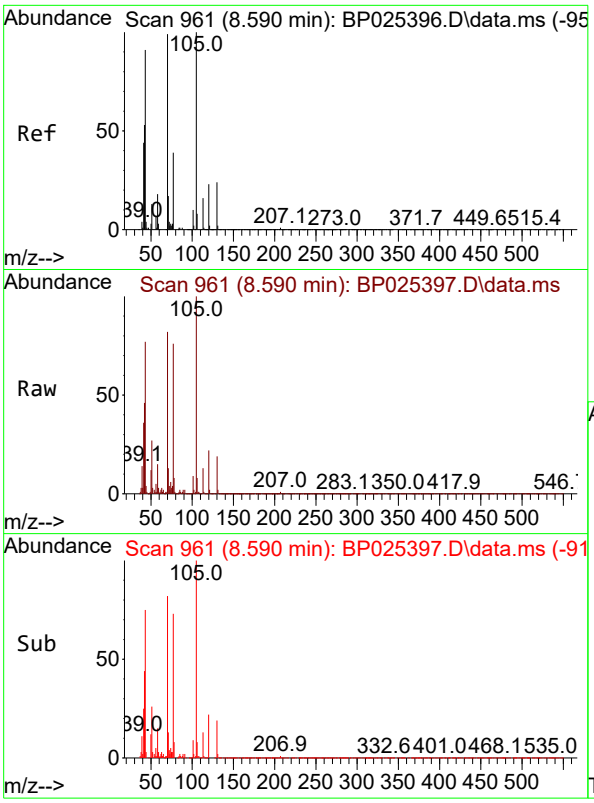


#18
Hexachloroethane
Concen: 52.178 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:117 Resp: 202672

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	106.7	80.1	120.1

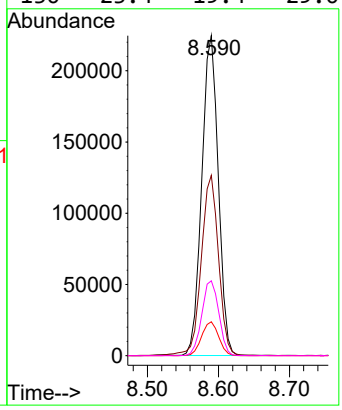




#19
n-Nitroso-di-n-propylamine
Concen: 51.419 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 70 Resp: 36315

Ion	Ratio	Lower	Upper
70	100		
42	56.4	43.8	65.6
101	10.6	8.5	12.7
130	23.4	19.4	29.0



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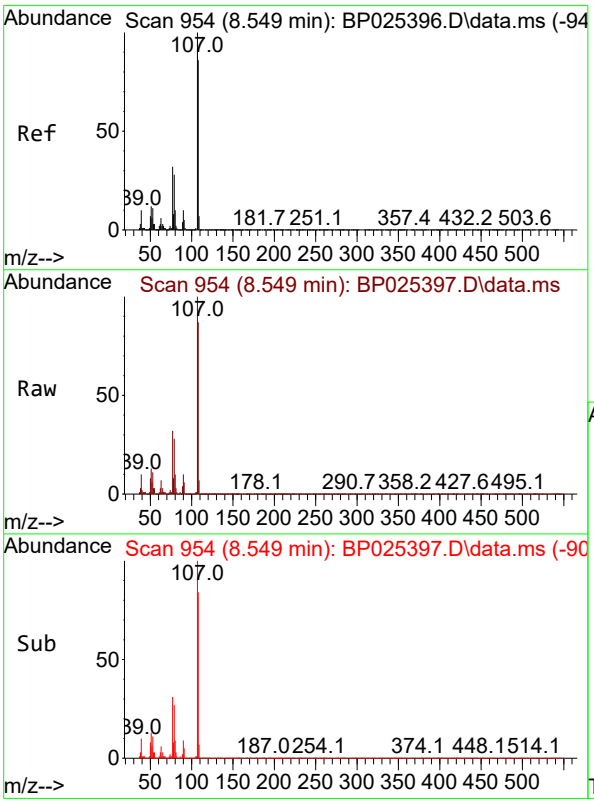
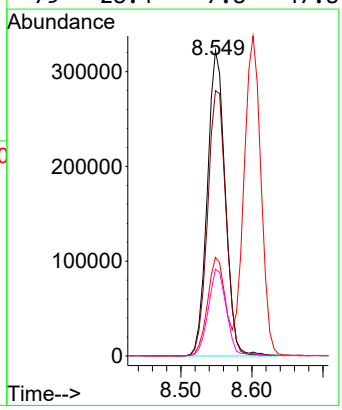
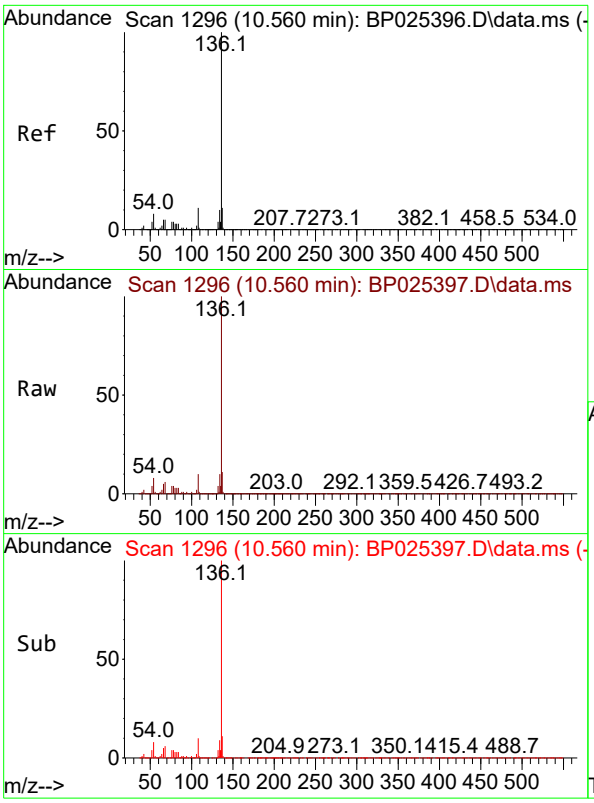


#20
3+4-Methylphenols
Concen: 52.538 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.3	106.3
77	32.2	12.3	52.3
79	28.4	7.8	47.8

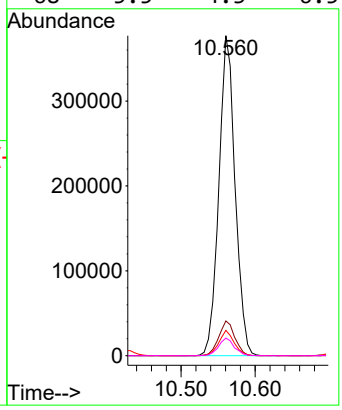




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:136 Resp: 57391

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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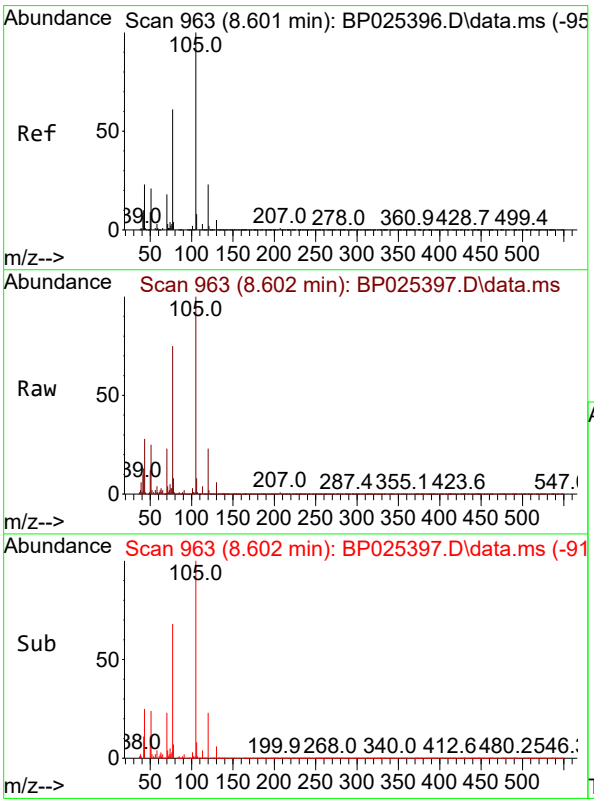
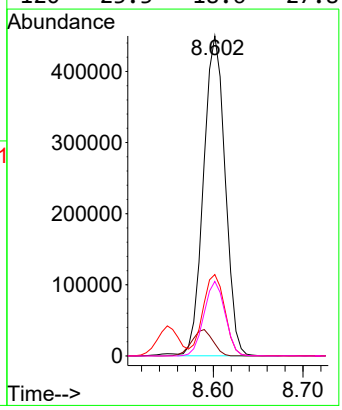
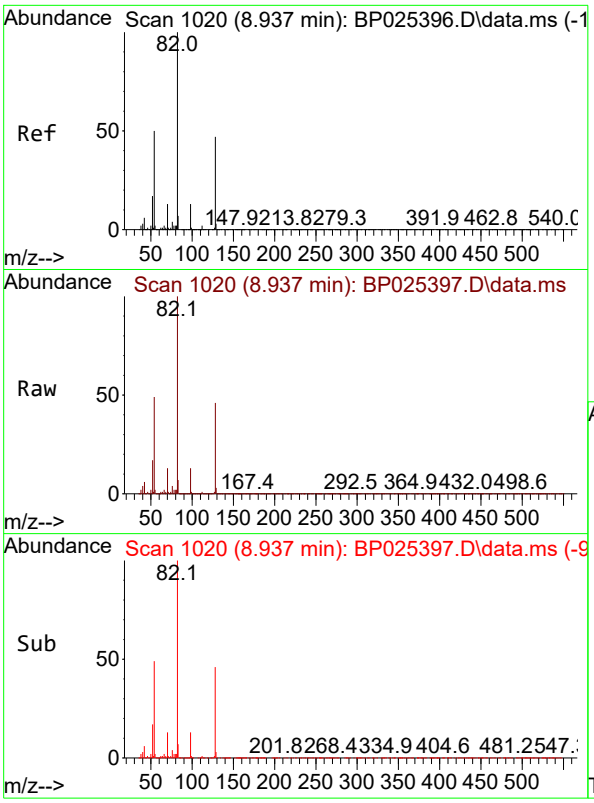


#22
Acetophenone
Concen: 52.131 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:105 Resp: 750308

Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.6	4.0
51	25.5	20.6	30.8
120	23.3	18.6	27.8

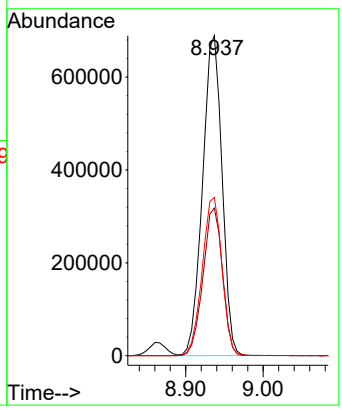




#23
Nitrobenzene-d5
Concen: 105.910 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 120160

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.7	56.5
54	49.4	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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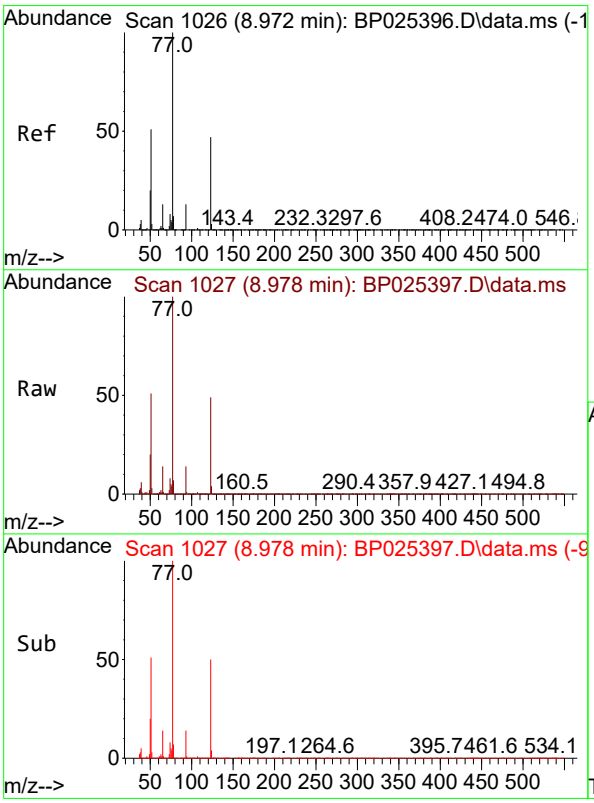
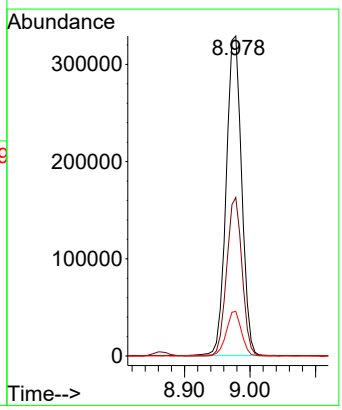
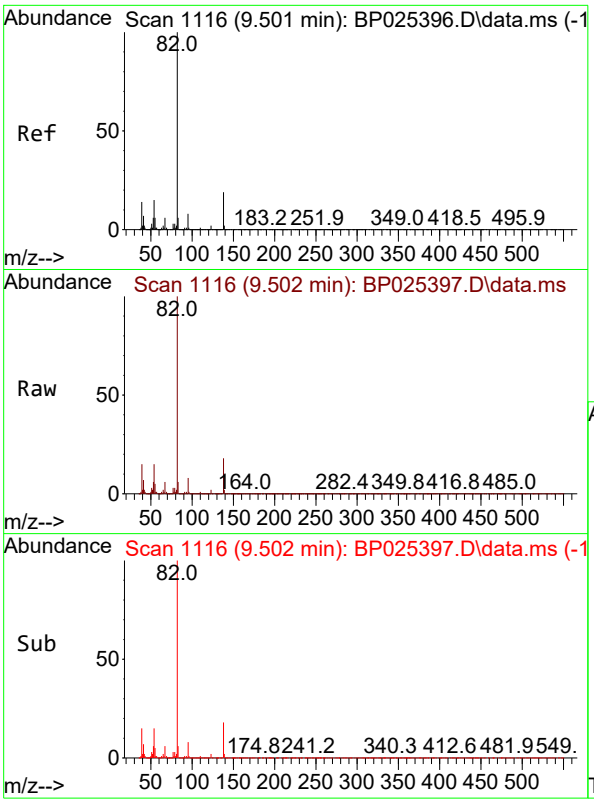


#24
Nitrobenzene
Concen: 53.024 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 537647

Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.6	58.0
65	13.9	10.6	15.8

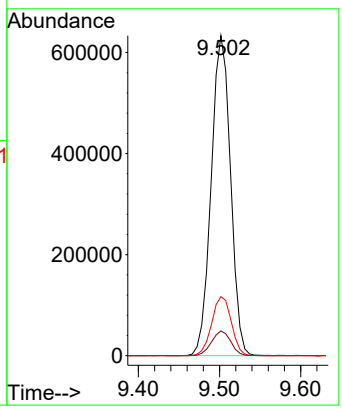




#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 82 Resp: 104773

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.5	15.4	23.0



Instrument :
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ClientSampleId :
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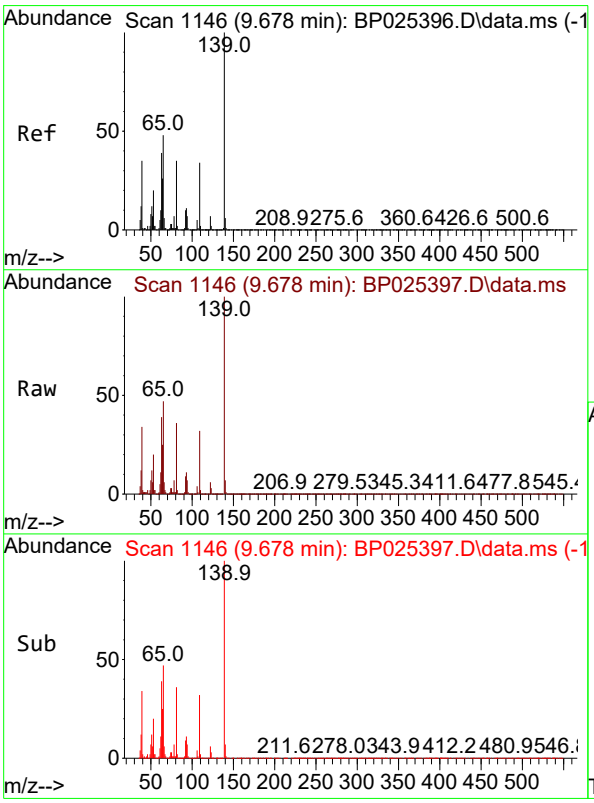
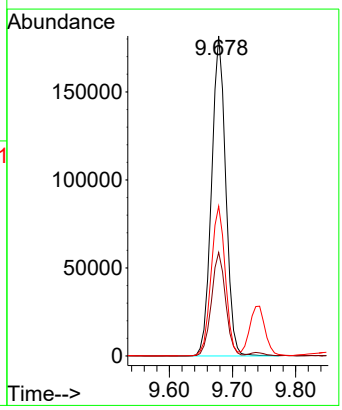
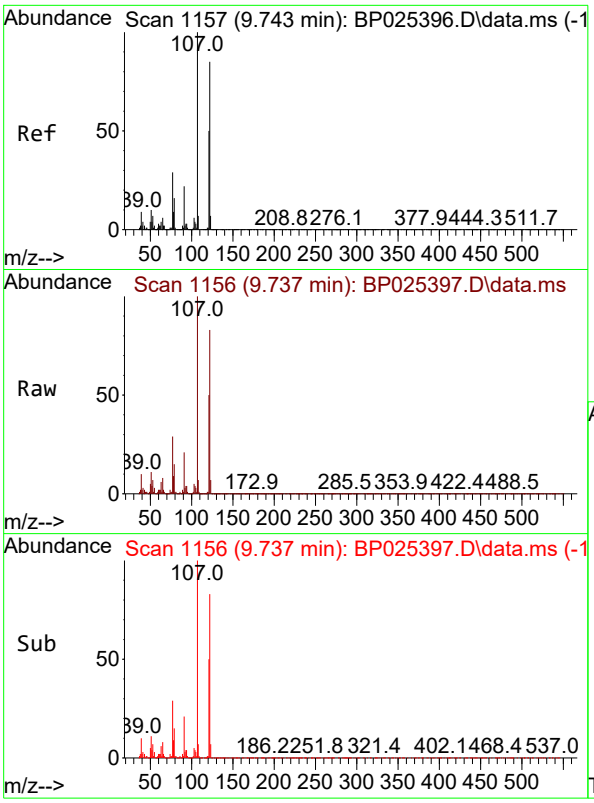


#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 282682

Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.9	40.3
65	46.8	38.3	57.5

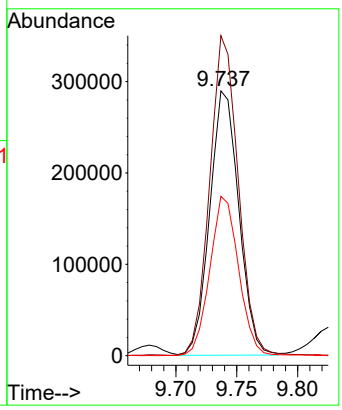




#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 48150

Ion	Ratio	Lower	Upper
122	100		
107	120.8	93.7	140.5
121	60.2	46.6	69.8



Instrument :
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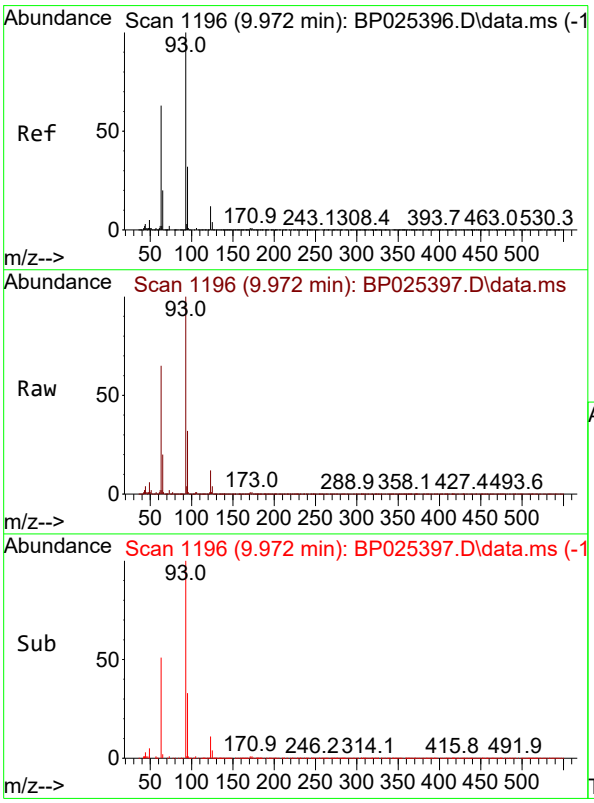
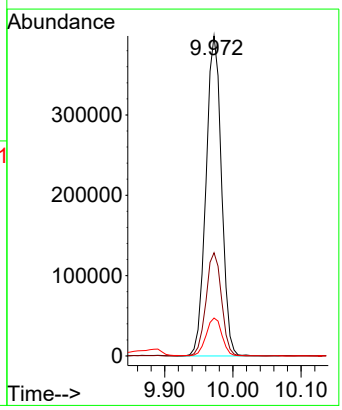
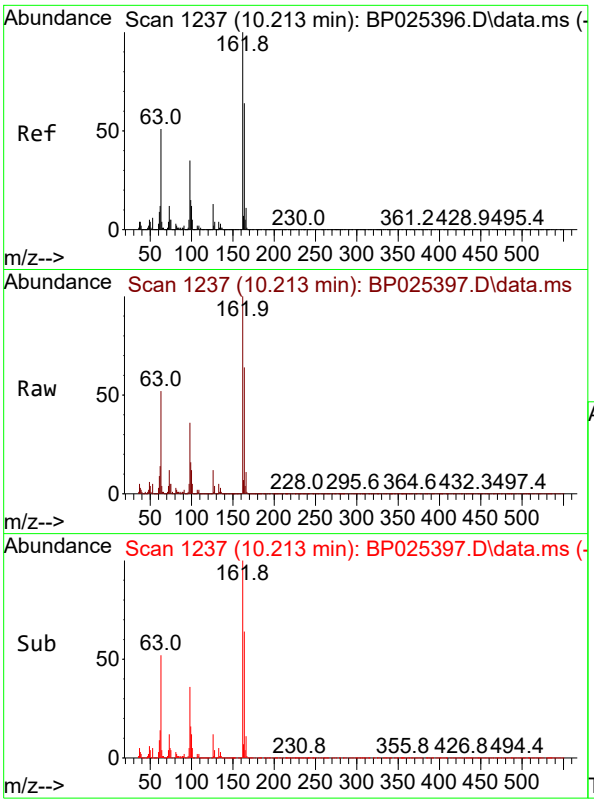


#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.0
123	11.8	9.4	14.0

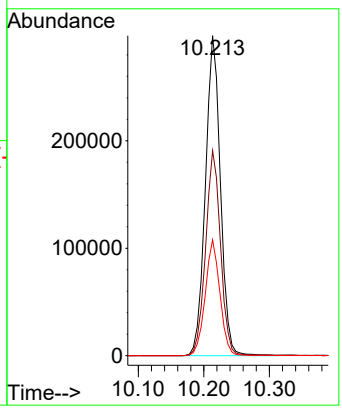




#29
2,4-Dichlorophenol
Concen: 53.478 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 47540

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	36.2	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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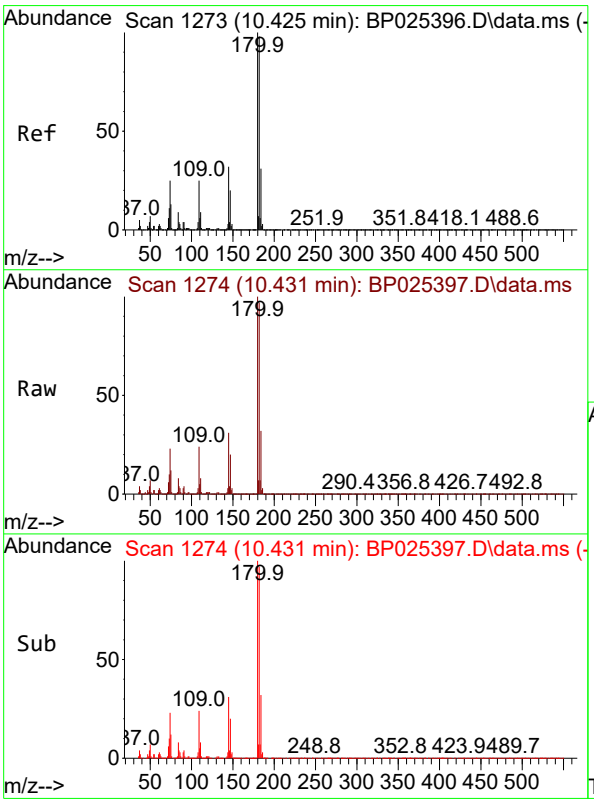
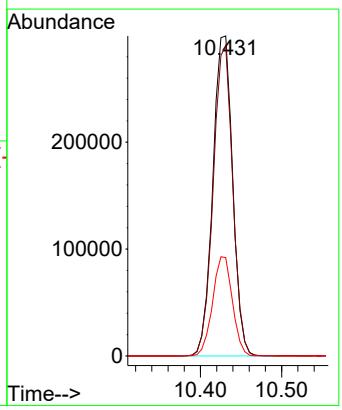
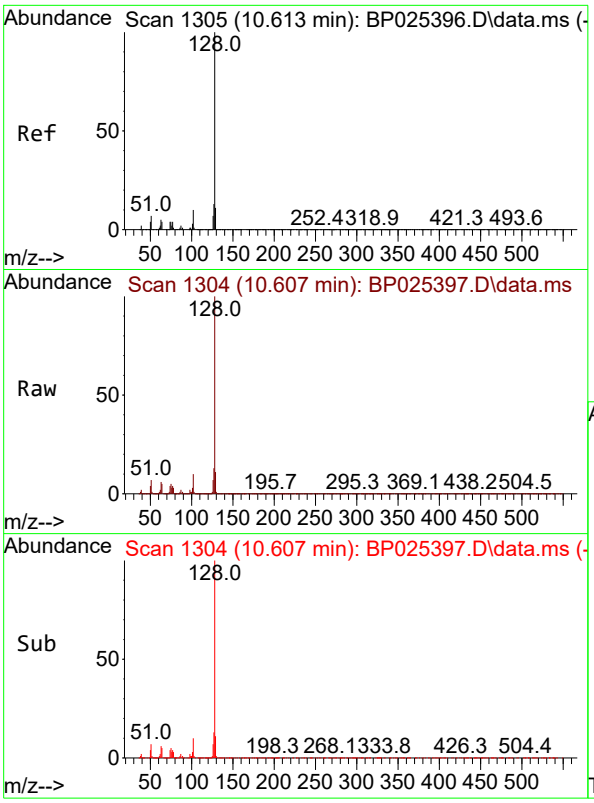


#30
1,2,4-Trichlorobenzene
Concen: 52.101 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:180 Resp: 507724

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
145	30.8	25.9	38.9

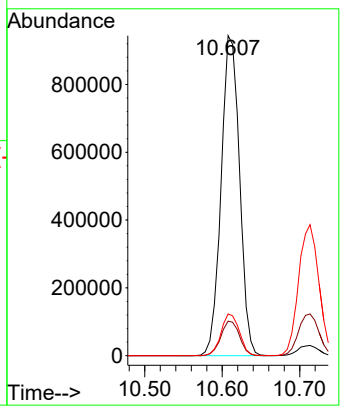




#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:128 Resp: 156024

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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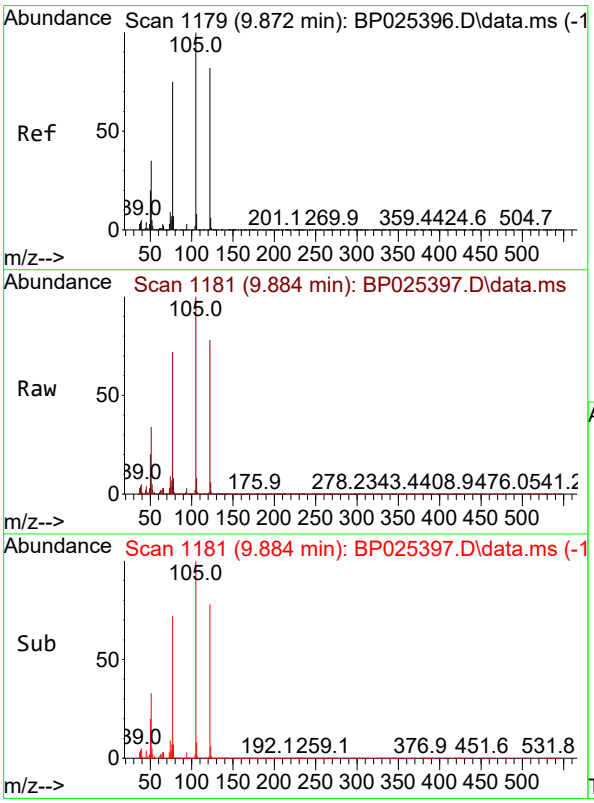
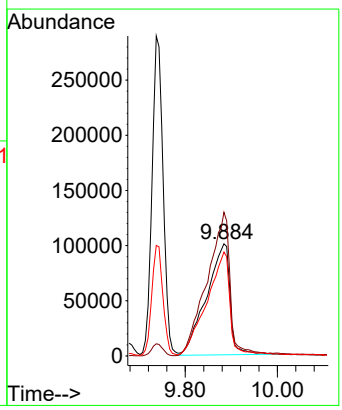
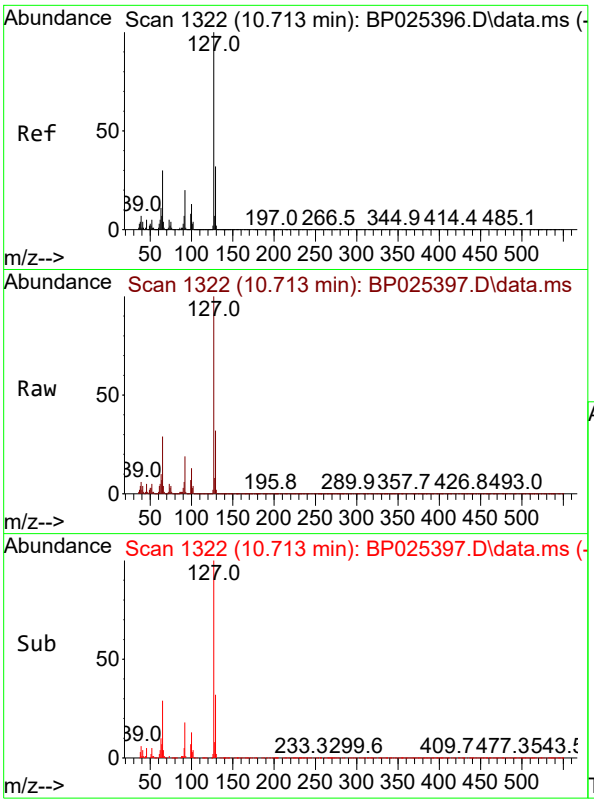


#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:122 Resp: 357706

Ion	Ratio	Lower	Upper
122	100		
105	128.1	100.6	140.6
77	92.6	71.5	111.5

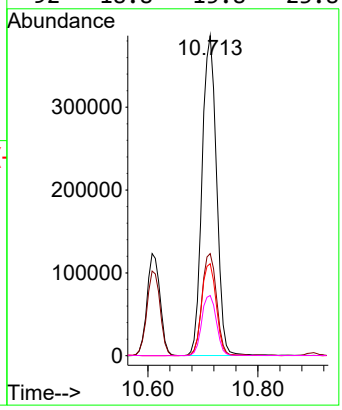




#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:127 Resp: 70556

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	28.7	23.8	35.6
92	18.8	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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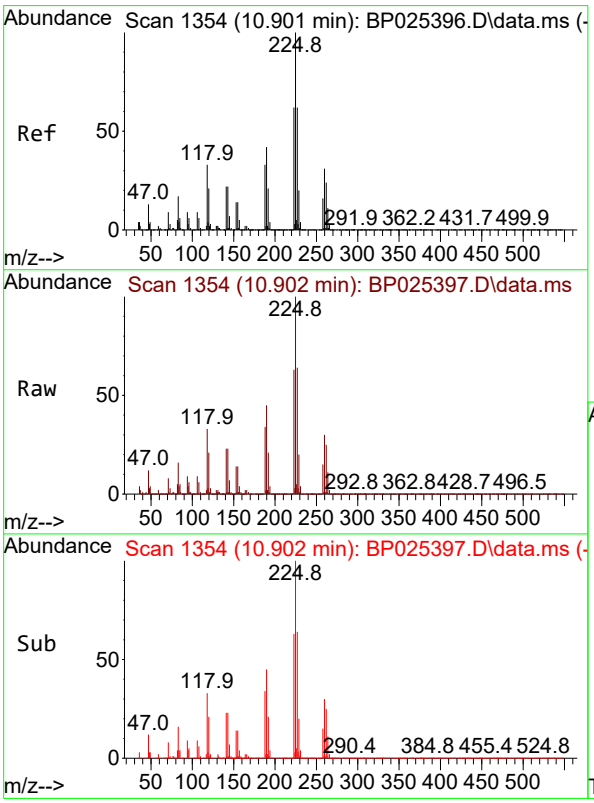
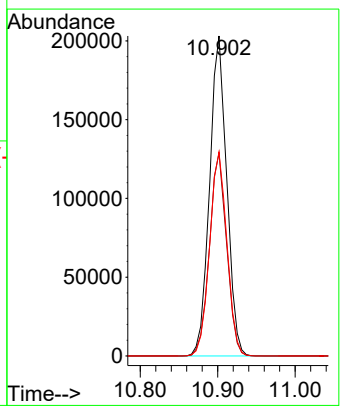
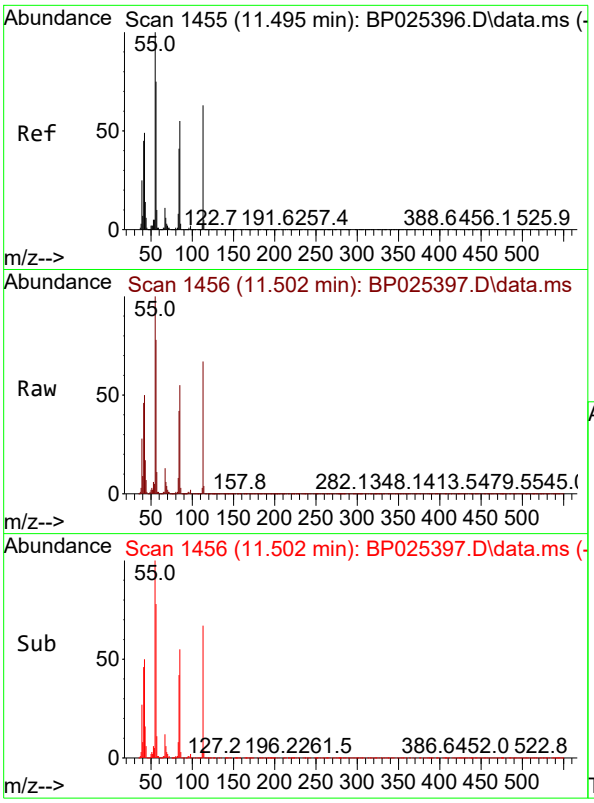


#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:225 Resp: 312163

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.7	49.7	74.5





#35
Caprolactam
Concen: 52.969 ng
RT: 11.502 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 17266

Ion	Ratio	Lower	Upper
113	100		
55	149.6	140.0	180.0
56	116.0	100.0	140.0

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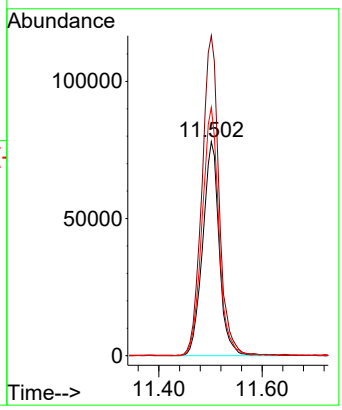
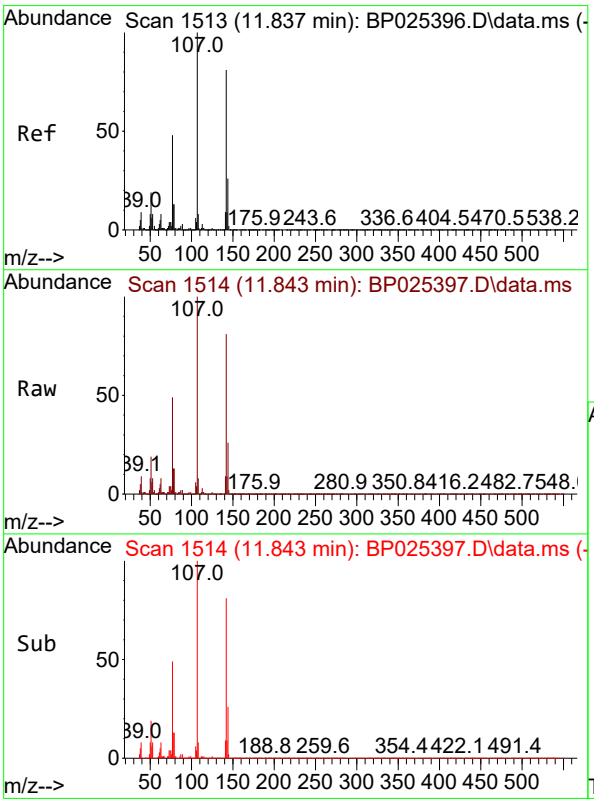
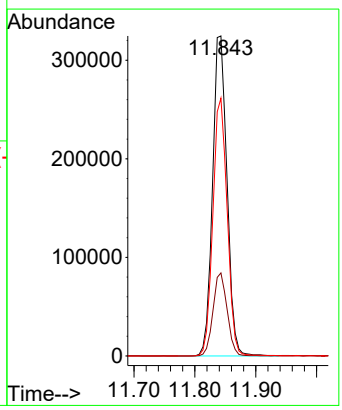


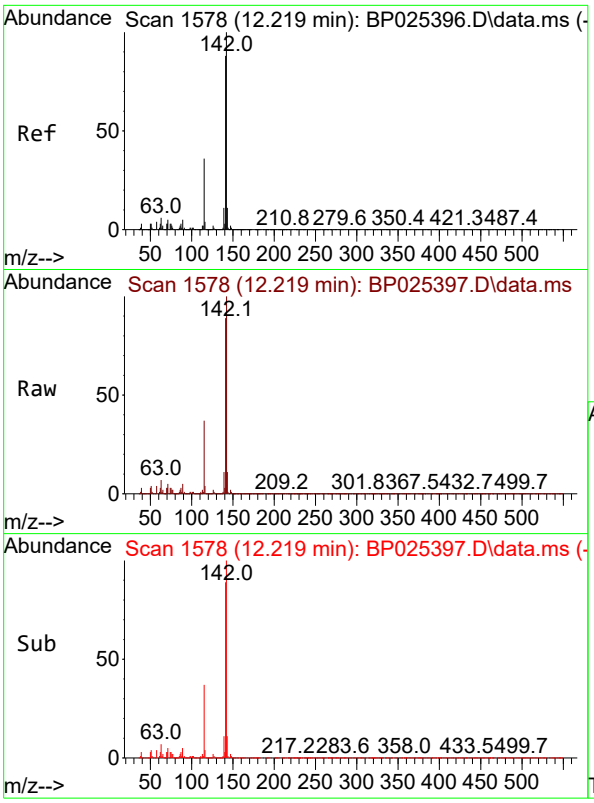


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 534583

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	80.6	64.6	97.0

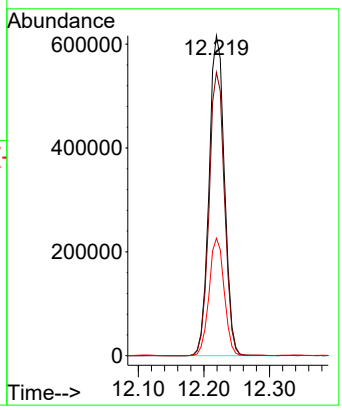




#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 100381

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	36.7	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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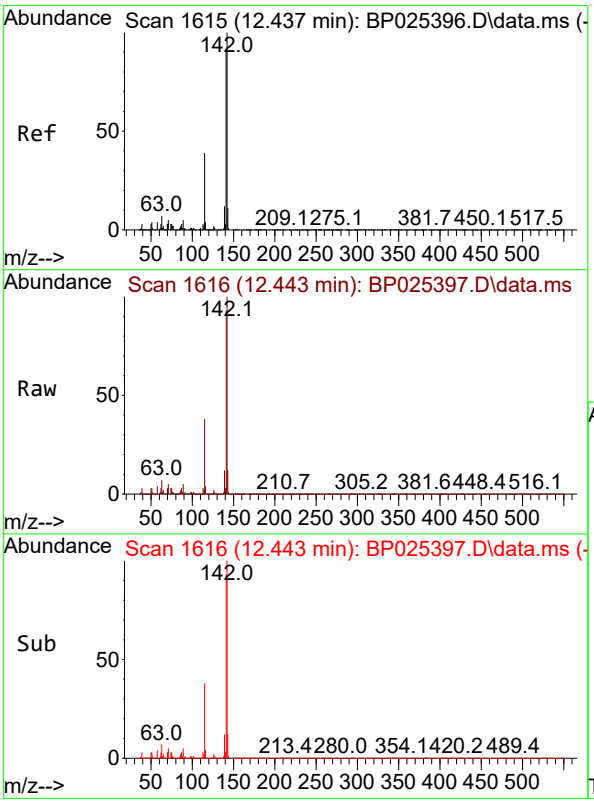
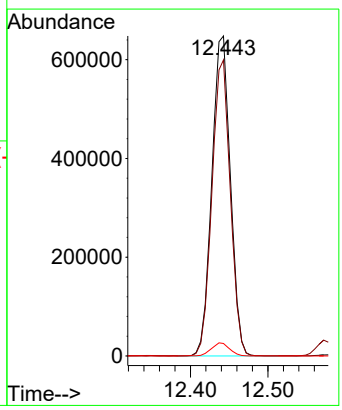
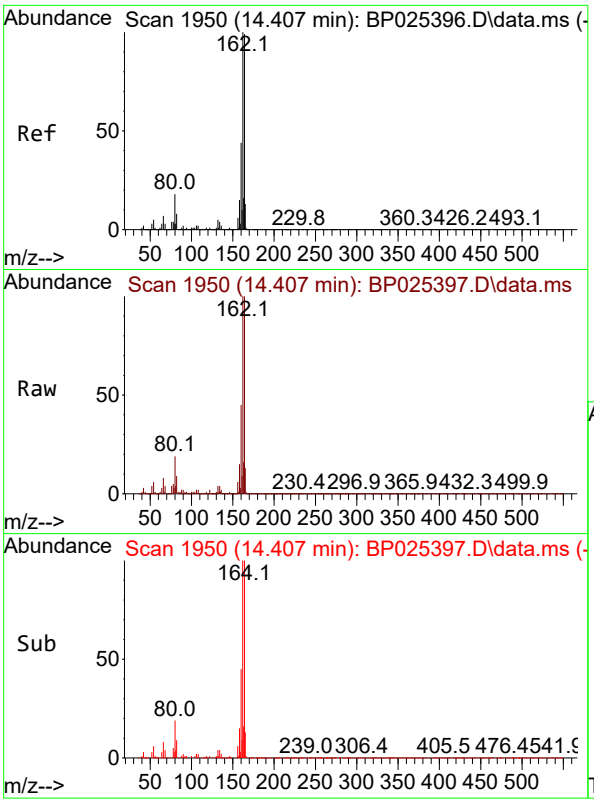


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:142 Resp: 1076949

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.1	109.7
116	3.9	3.2	4.8

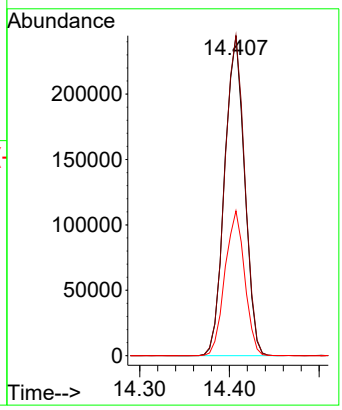




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:164 Resp: 37673

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.6
160	45.2	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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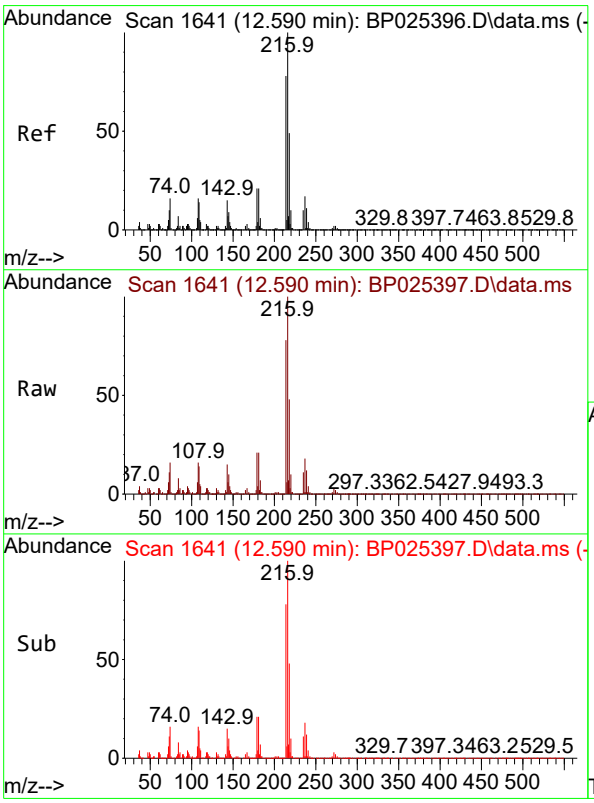
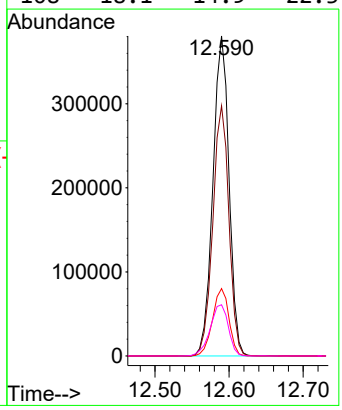
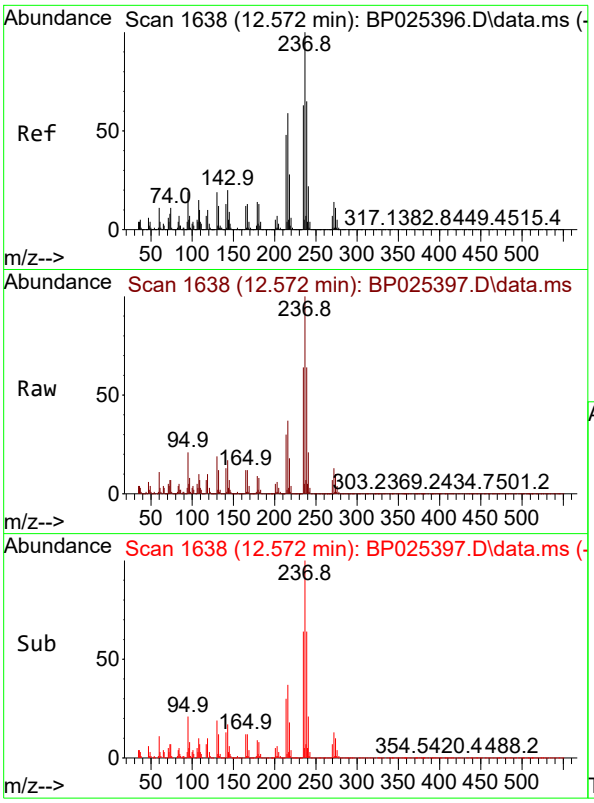


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:216 Resp: 574152

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	21.5	17.1	25.7
108	18.1	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:237 Resp: 36404

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.7	82.7
272	12.7	0.0	34.0

Instrument :
BNA_P
ClientSampleId :
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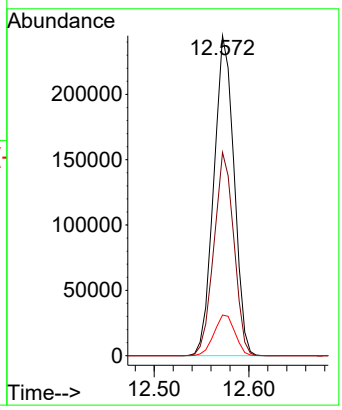
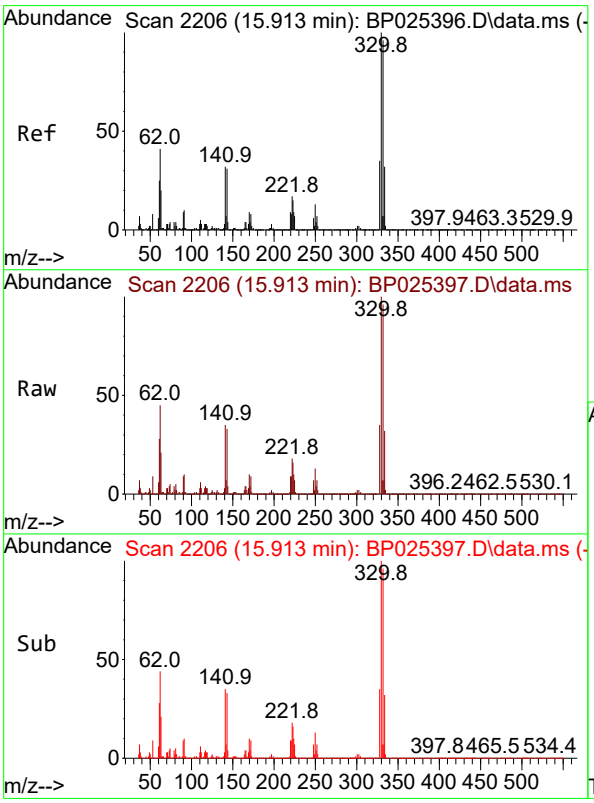
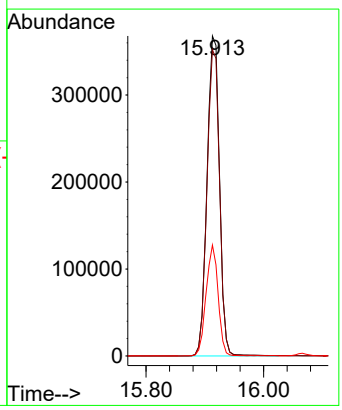


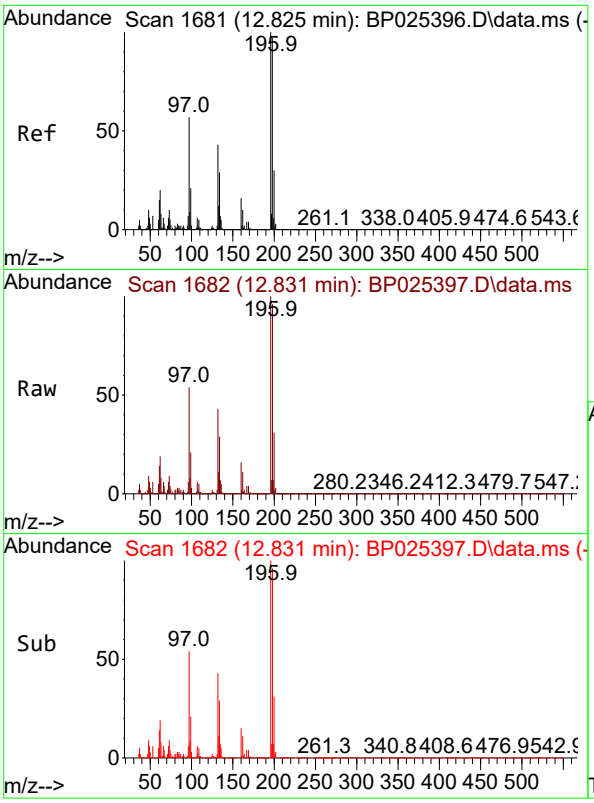


#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:330 Resp: 539295

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.5	26.6	39.8

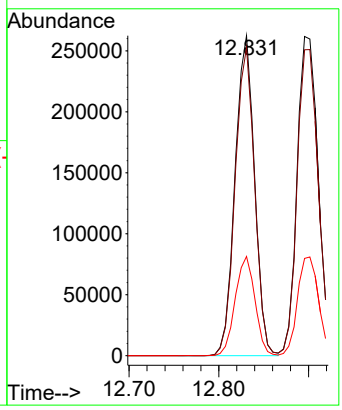




#43
2,4,6-Trichlorophenol
Concen: 53.971 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 39644

Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.2	115.8
200	31.0	23.9	35.9



Instrument :
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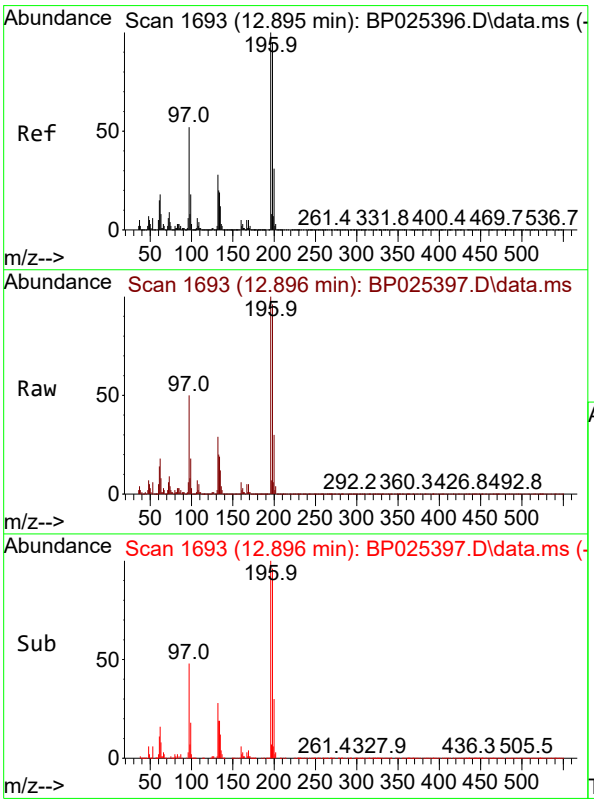
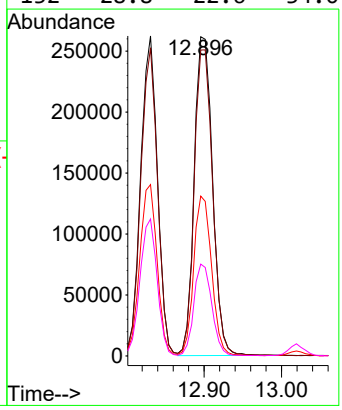
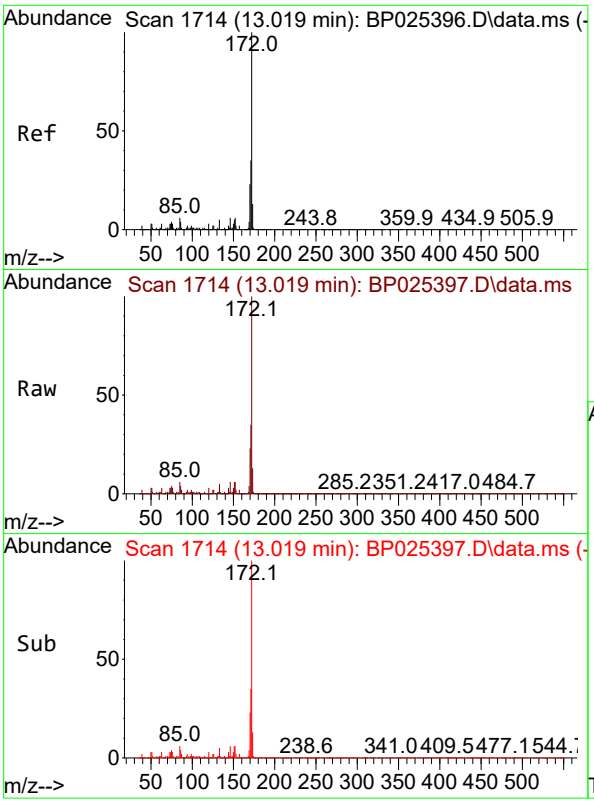


#44
2,4,5-Trichlorophenol
Concen: 53.421 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
97	50.1	41.2	61.8
132	28.8	22.6	34.0

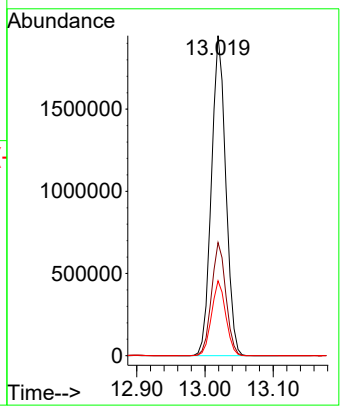




#45
2-Fluorobiphenyl
Concen: 103.632 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:172 Resp: 285663

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.4	18.6	28.0



Instrument :
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ClientSampleId :
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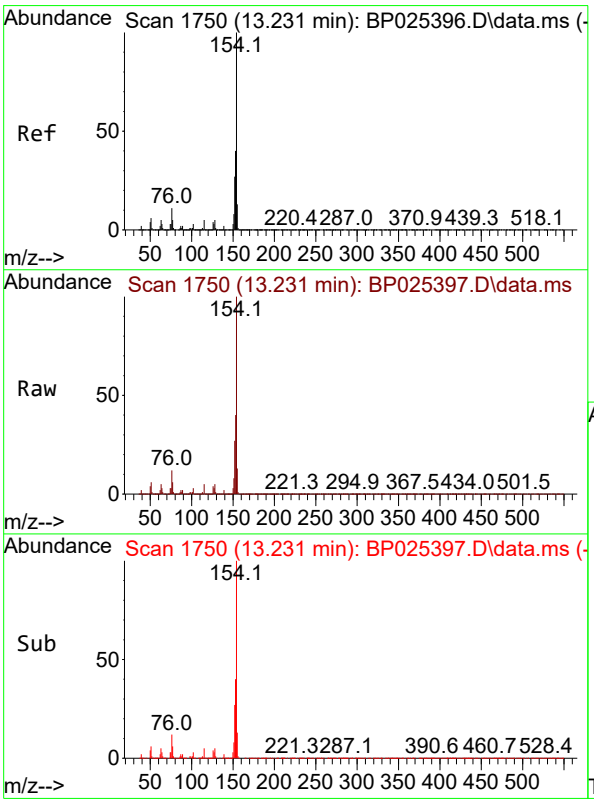
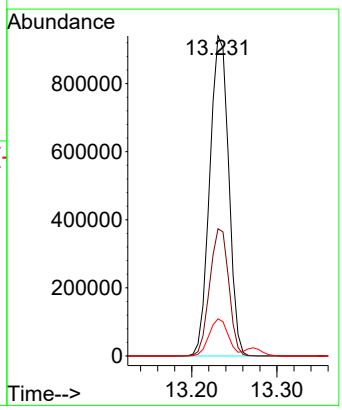
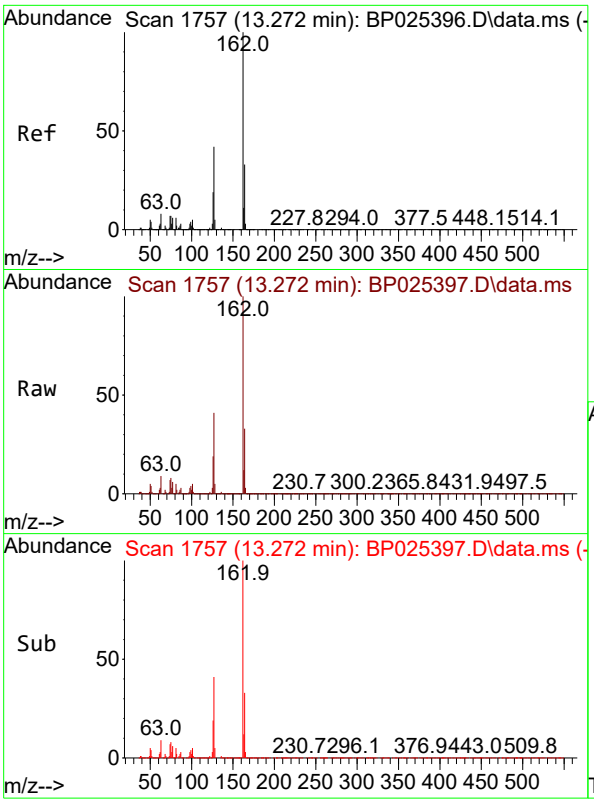


#46
1,1'-Biphenyl
Concen: 52.922 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:154 Resp: 1447968

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1

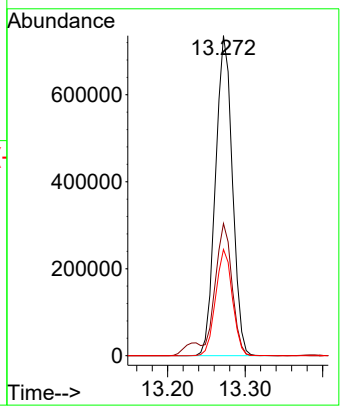




#47
2-Chloronaphthalene
Concen: 52.344 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:162 Resp: 111492

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	33.2	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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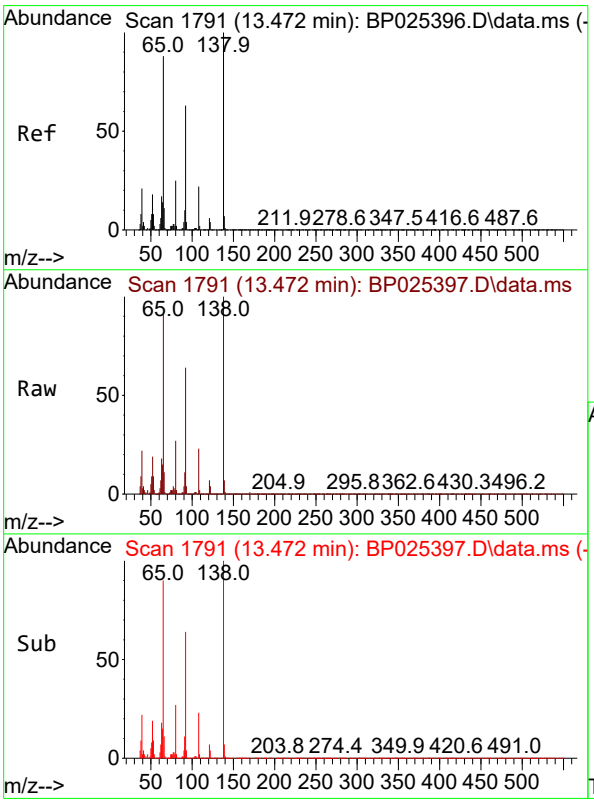
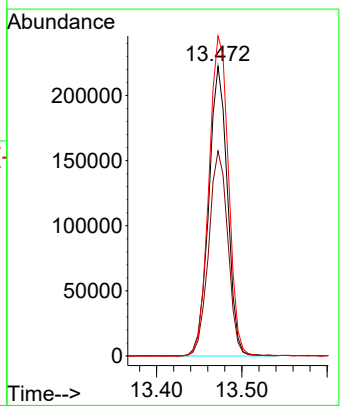
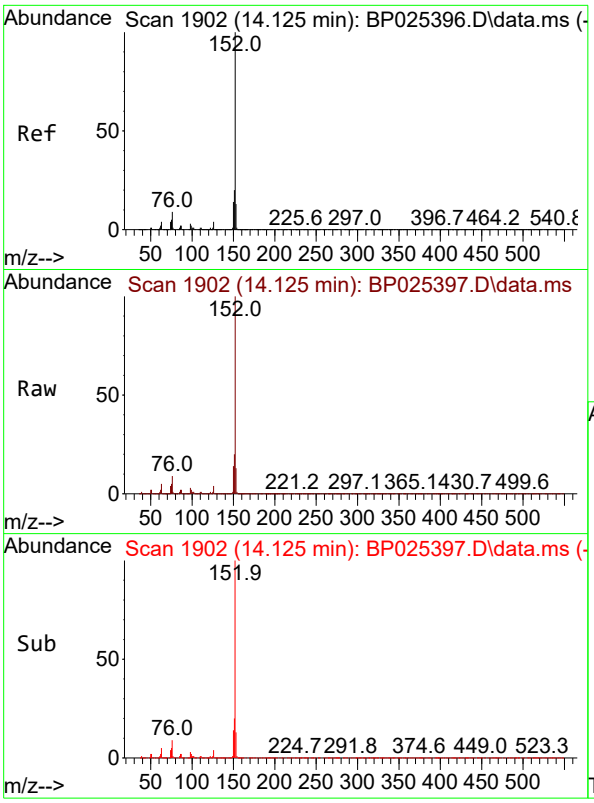


#48
2-Nitroaniline
Concen: 54.613 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 65 Resp: 338939

Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.6	86.4
138	110.5	91.0	136.6

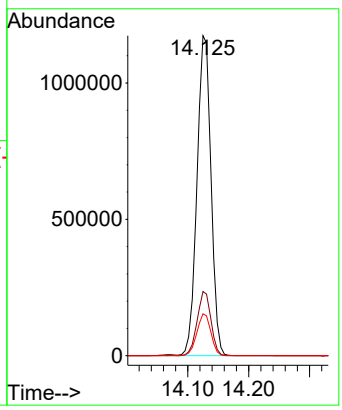




#49
Acenaphthylene
Concen: 53.227 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:152 Resp: 187599

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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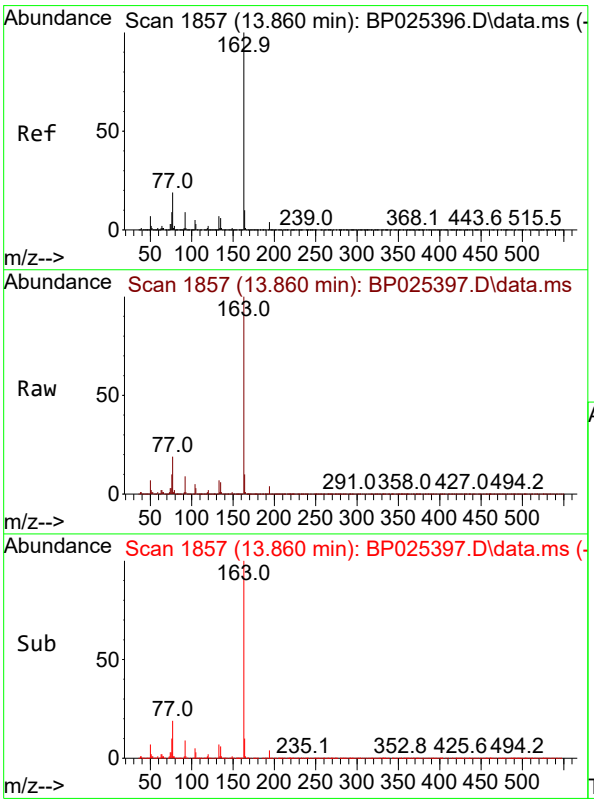
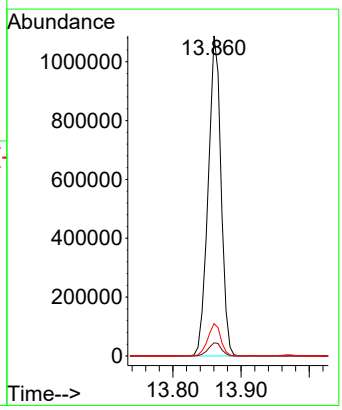
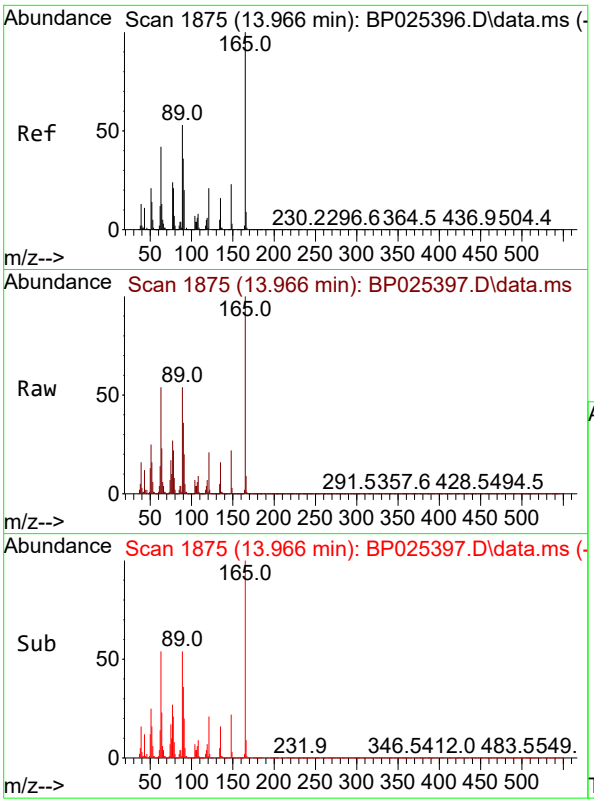


#50
Dimethylphthalate
Concen: 51.622 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:163 Resp: 1424127

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9

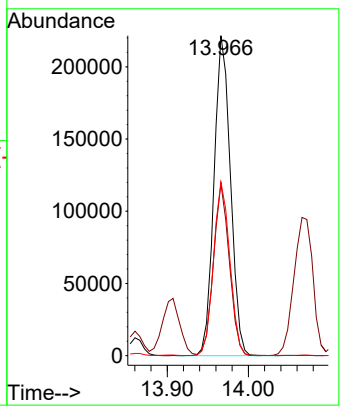




#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 31214

Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.9	61.3
89	54.2	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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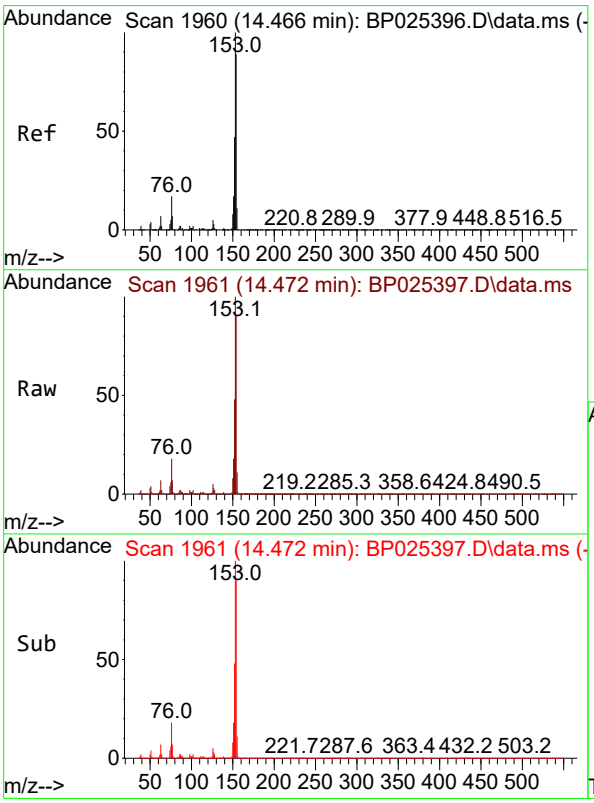
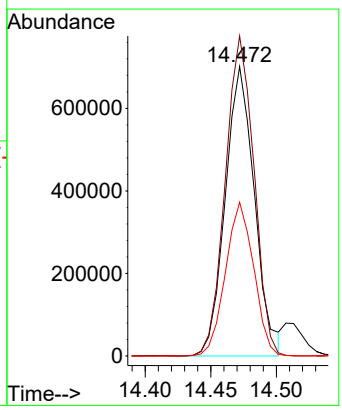
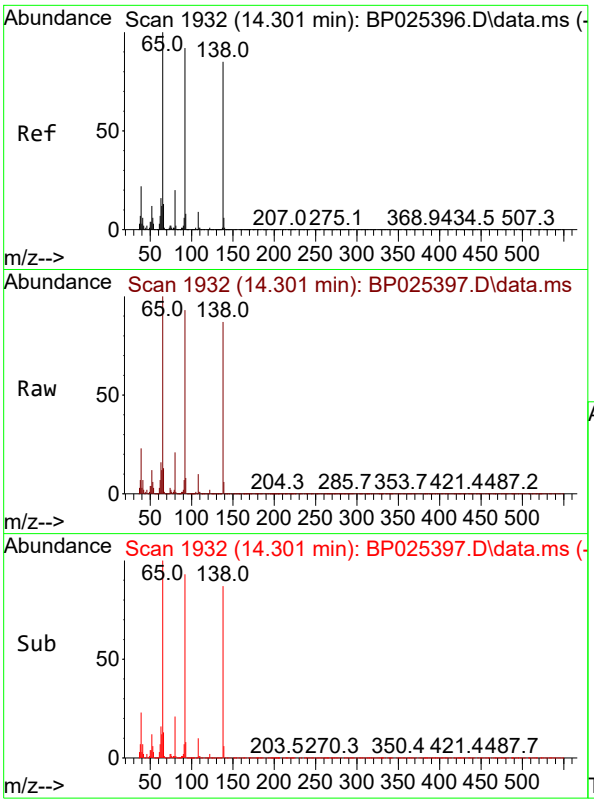


#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:154 Resp: 1087721

Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.2	135.2
152	53.1	42.1	63.1





#53
3-Nitroaniline
Concen: 55.339 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:138 Resp: 36203

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	106.6	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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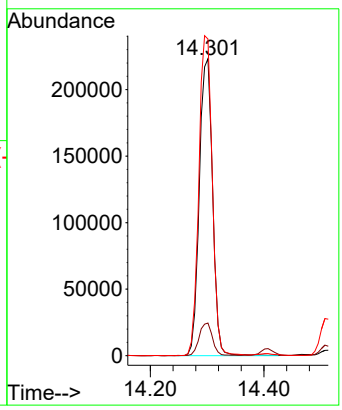
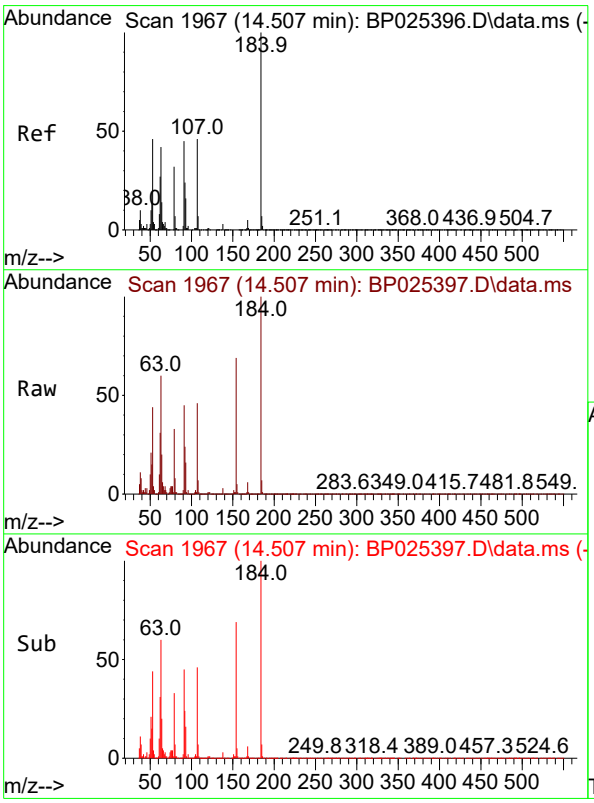
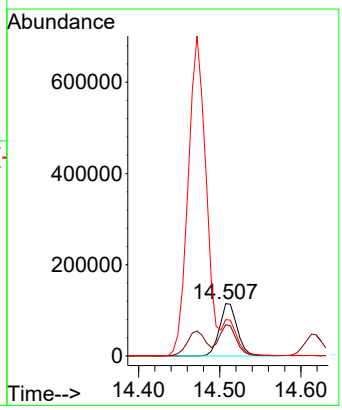


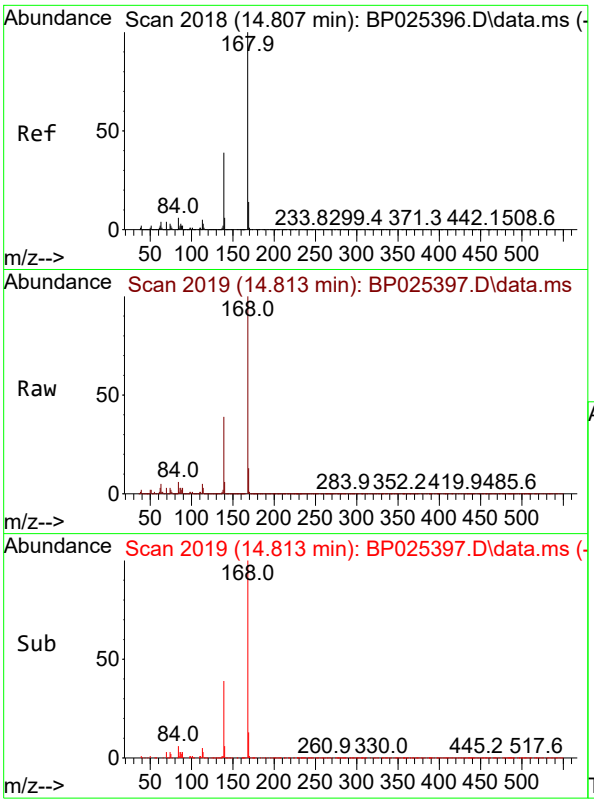


#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 175453

Ion	Ratio	Lower	Upper
184	100		
63	59.7	49.4	74.2
154	69.4	54.6	82.0

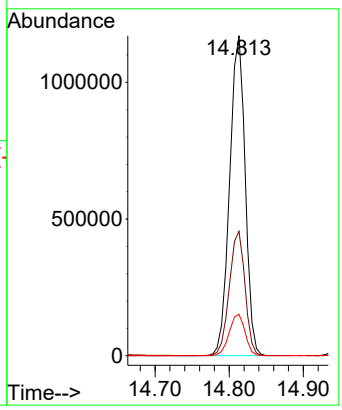




#55
Dibenzofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:168 Resp: 170563

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.5	47.3
169	13.0	10.9	16.3



Instrument :
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ClientSampleId :
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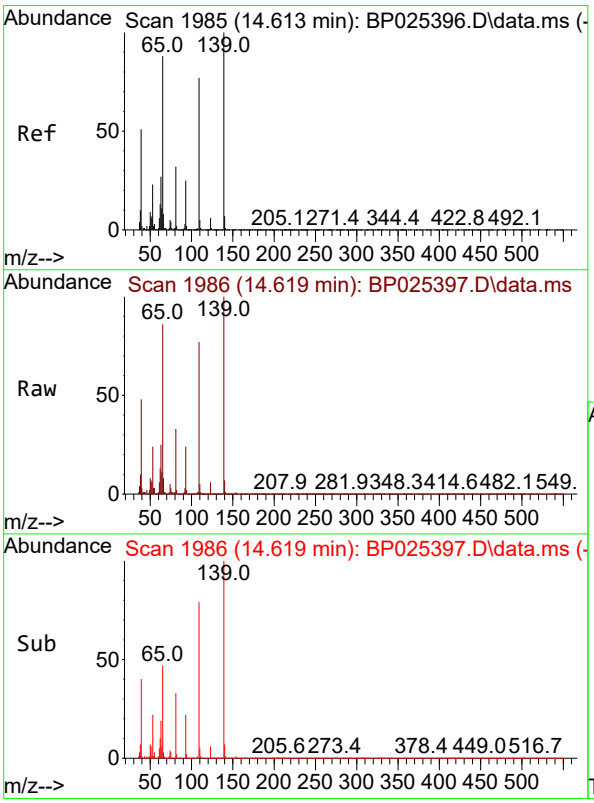
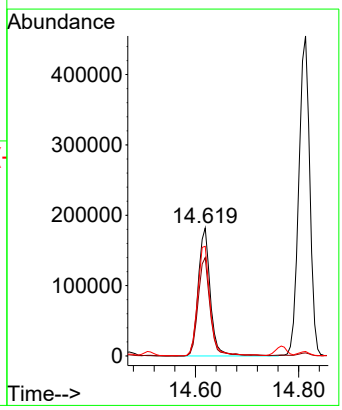
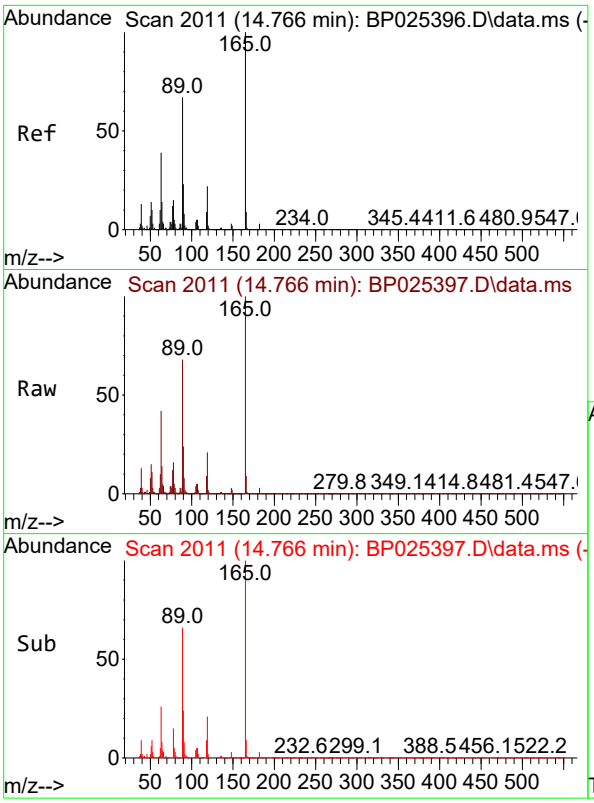


#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:139 Resp: 296227

Ion	Ratio	Lower	Upper
139	100		
109	76.8	56.6	96.6
65	85.5	68.2	108.2

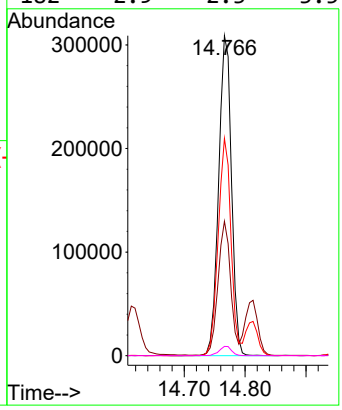




#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:165 Resp: 45092

Ion	Ratio	Lower	Upper
165	100		
63	42.0	31.4	47.2
89	67.9	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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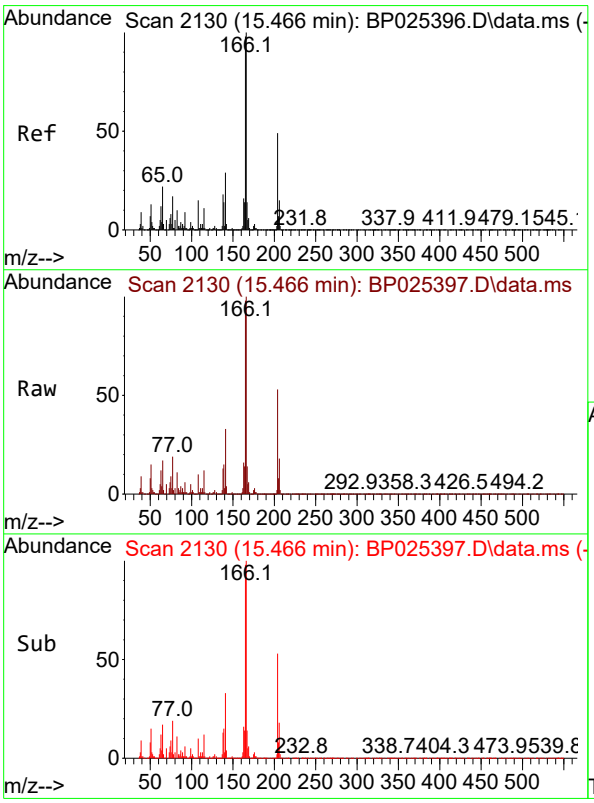
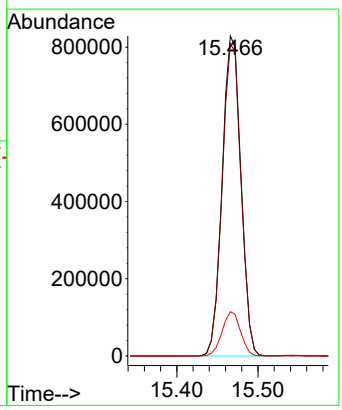
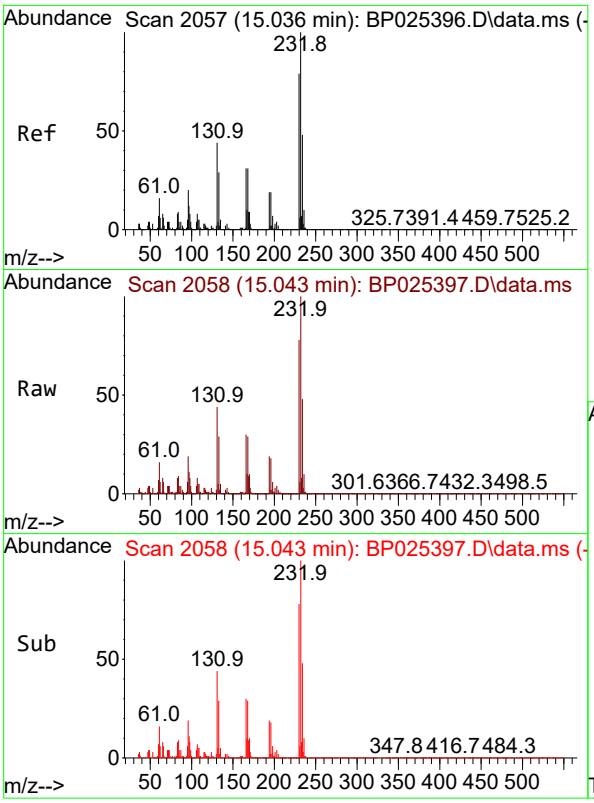


#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:166 Resp: 1332448

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.9	11.0	16.4

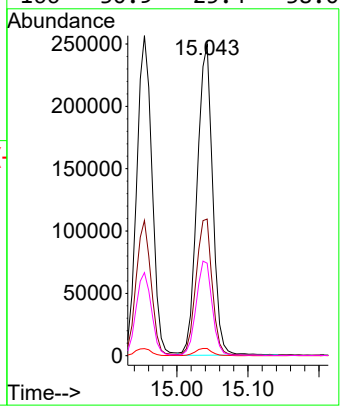




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:232 Resp: 37874

Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.6
130	2.5	1.9	2.9
166	30.9	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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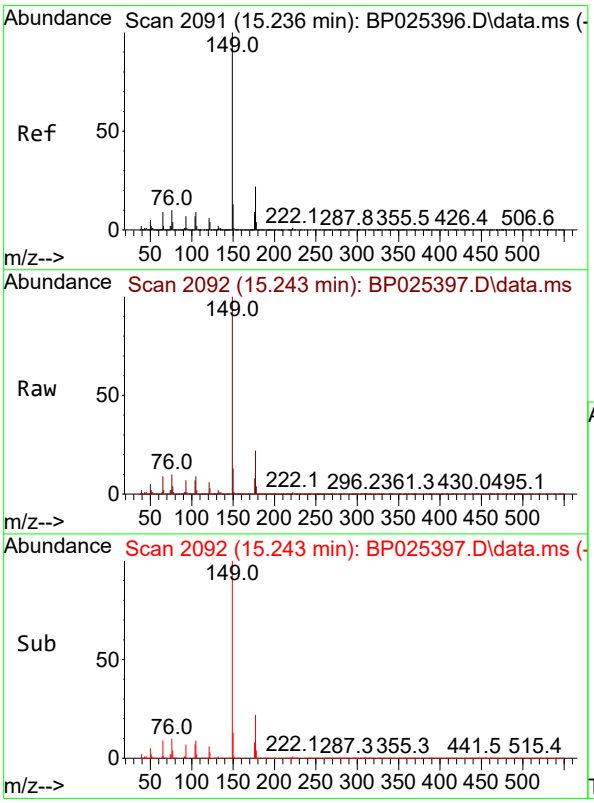
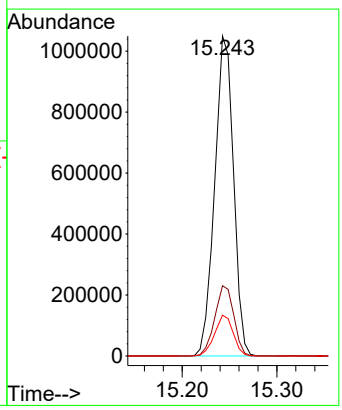
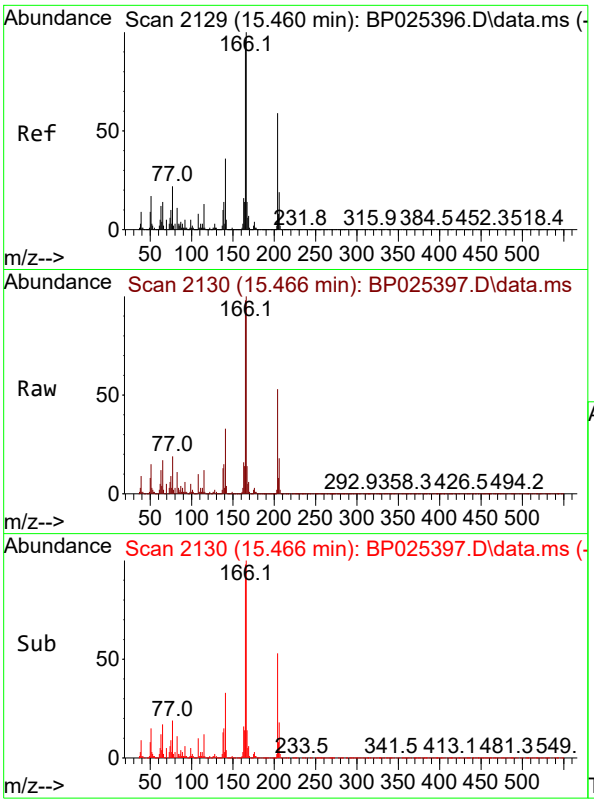


#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1450033

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:204 Resp: 65010

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.8
141	61.8	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
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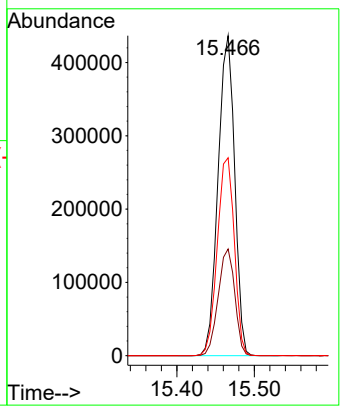
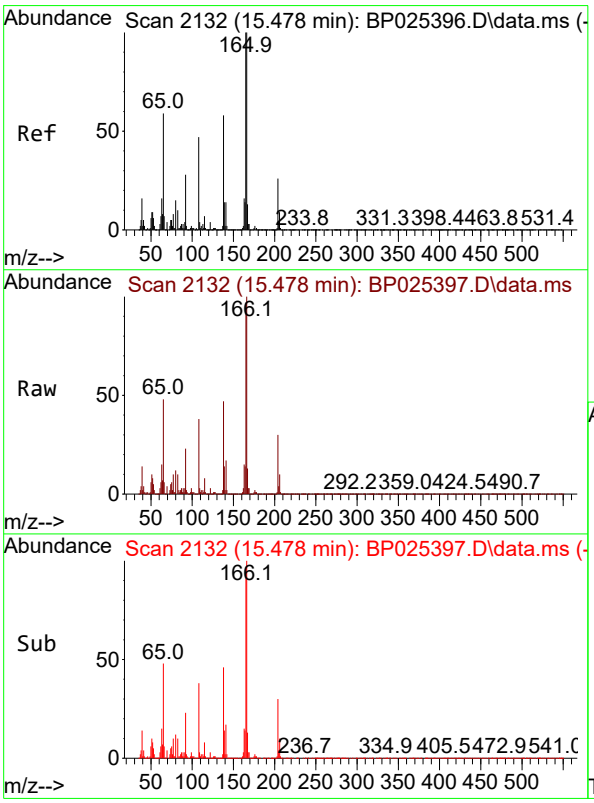
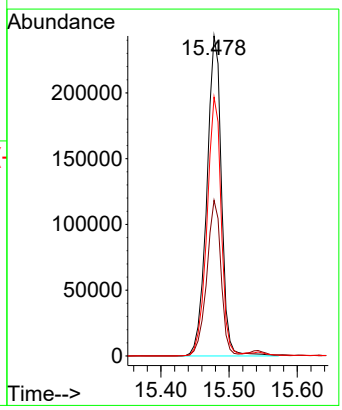


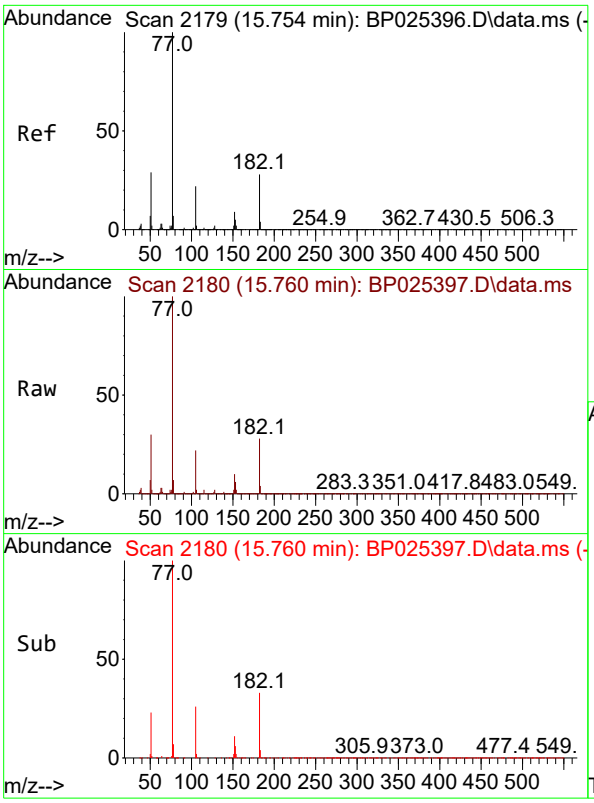


#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:138 Resp: 364030

Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.1	69.1
108	80.9	61.5	101.5

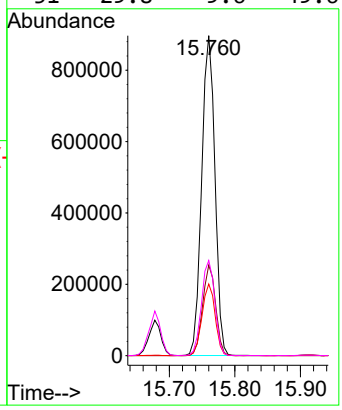




#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 77 Resp: 126257

Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.5	47.5
105	22.4	2.1	42.1
51	29.8	9.6	49.6



Instrument :
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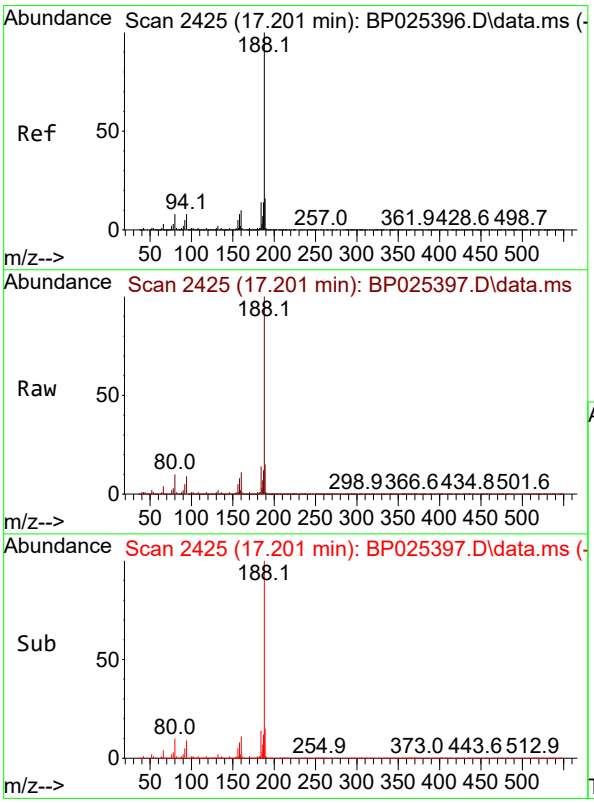
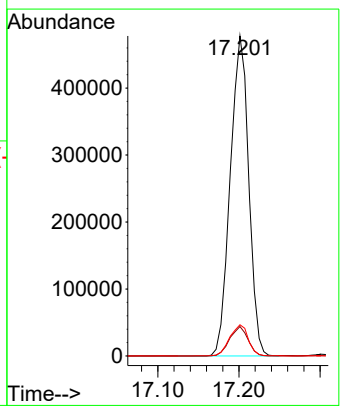
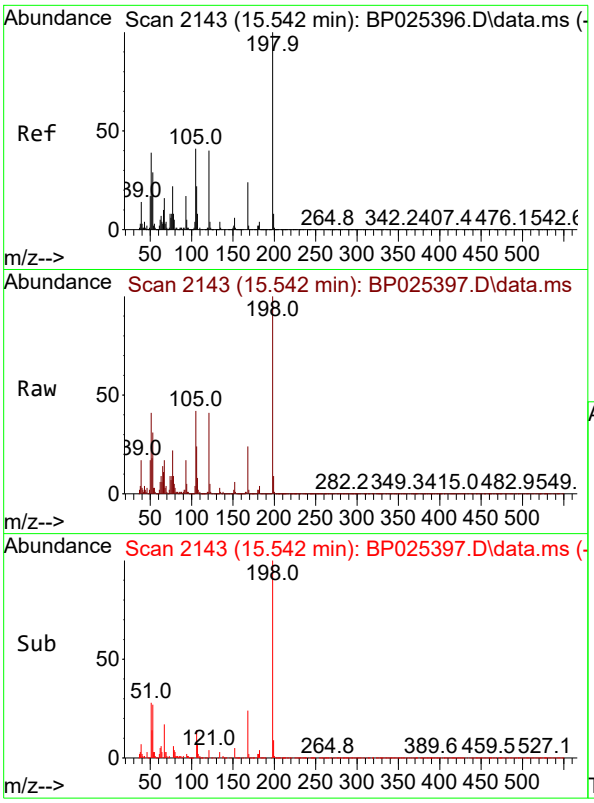


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:188 Resp: 753705

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.8	6.7	10.1

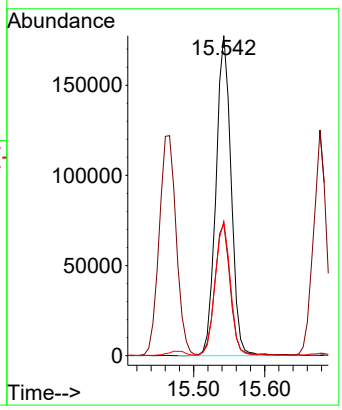




#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:198 Resp: 26212

Ion	Ratio	Lower	Upper
198	100		
51	41.2	19.6	59.6
105	42.0	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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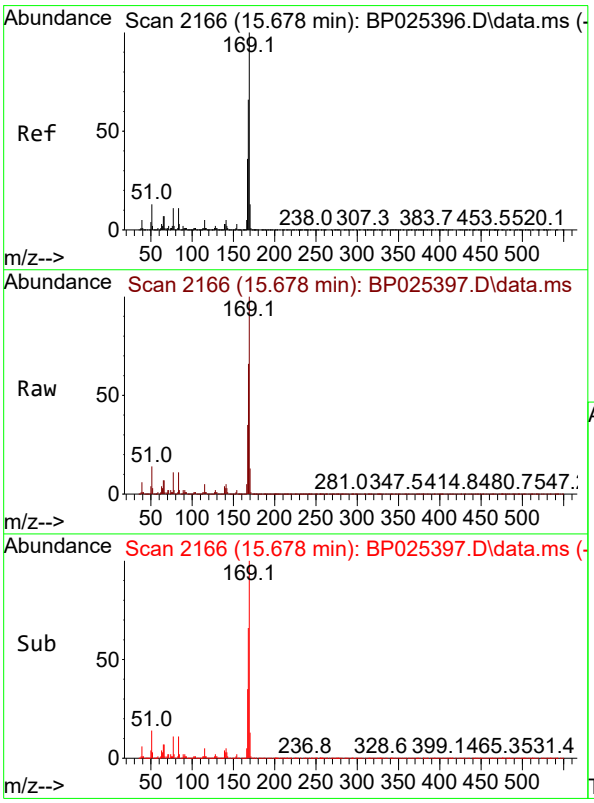
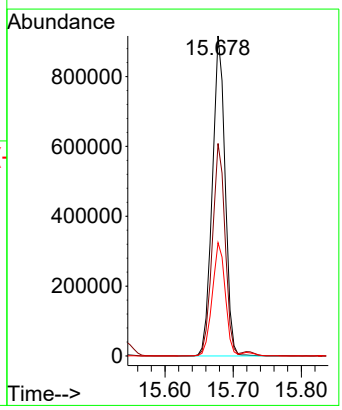
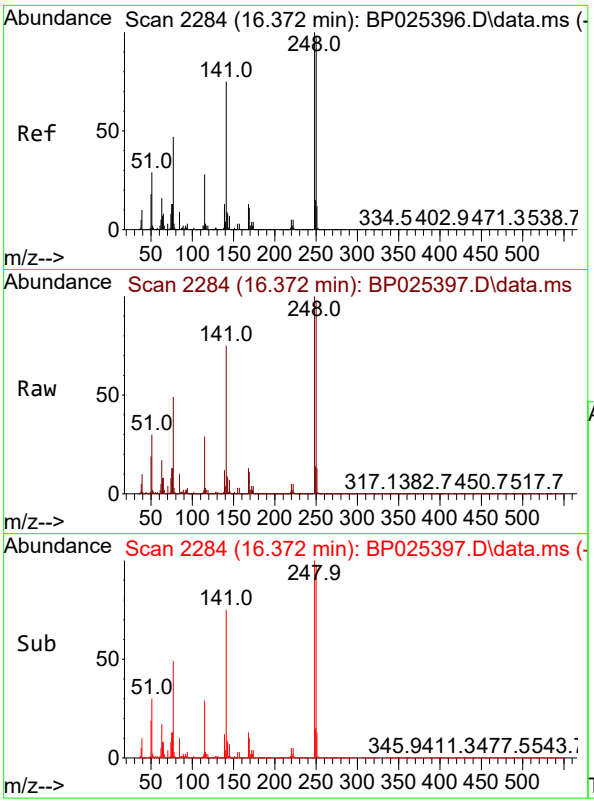


#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:169 Resp: 1195077

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	35.4	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:248 Resp: 43374

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	75.0	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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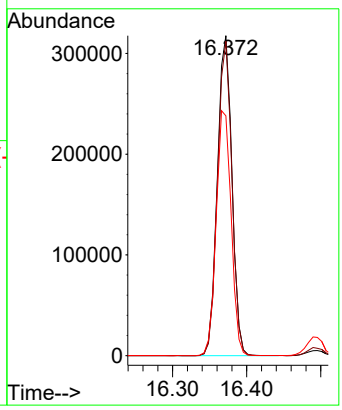
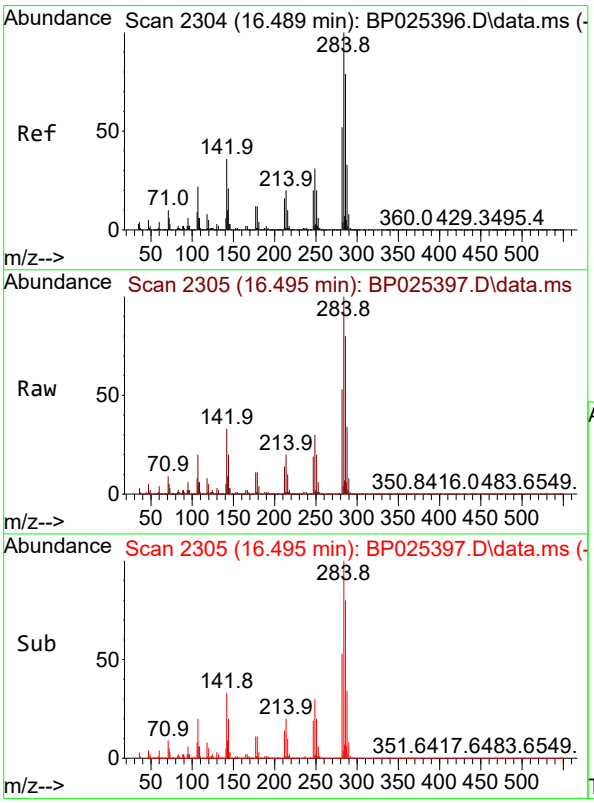
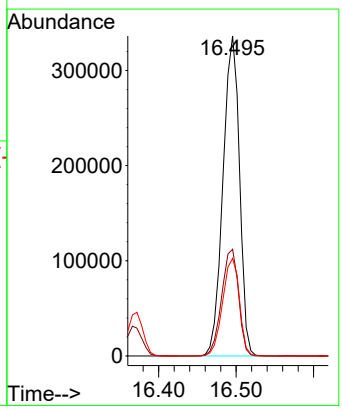


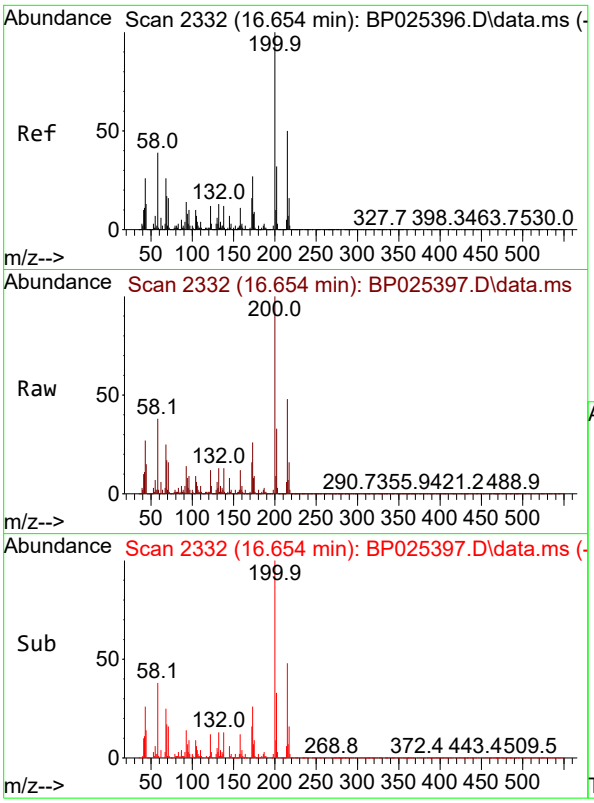


#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:284 Resp: 497906

Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.1	43.7
249	30.5	25.0	37.4

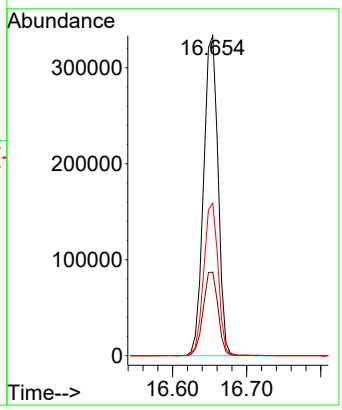




#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:200 Resp: 45170

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.7	46.7
215	47.7	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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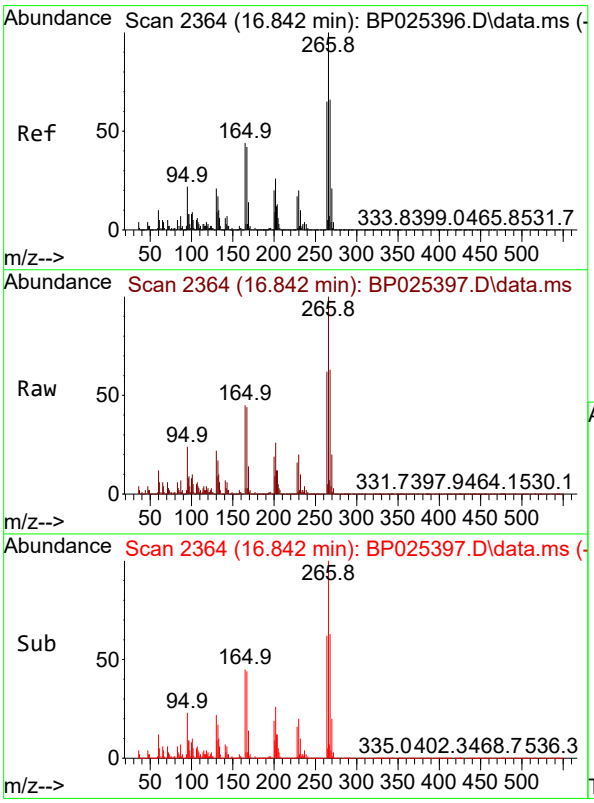
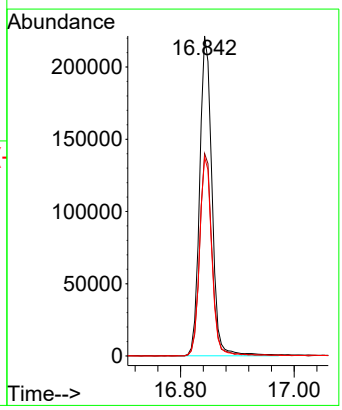
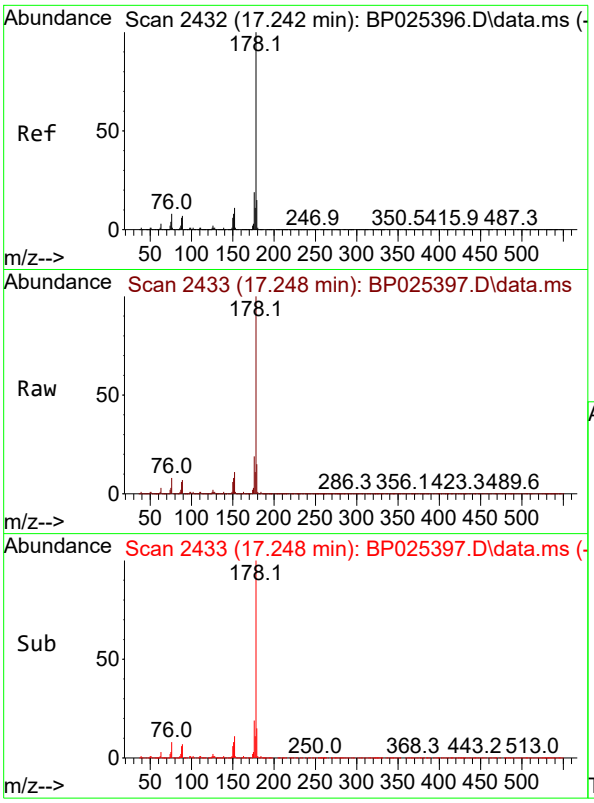


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:266 Resp: 332839

Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.6	79.0
264	62.1	52.0	78.0

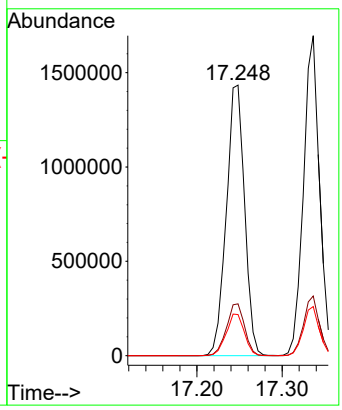




#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 213943

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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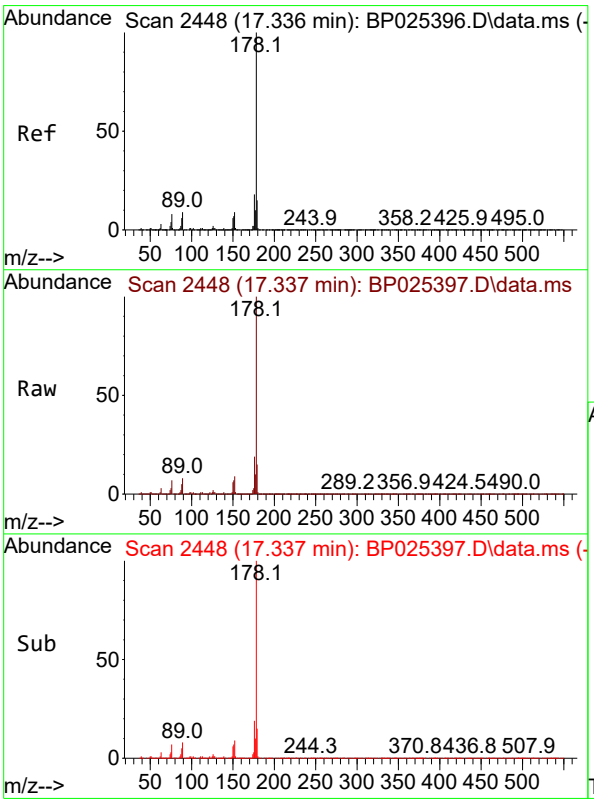
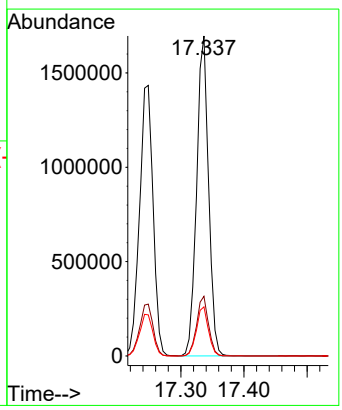
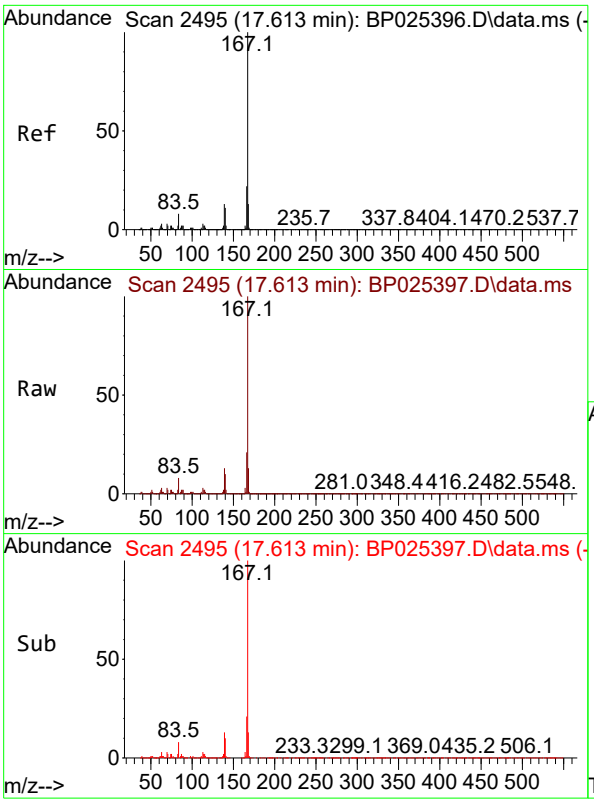


#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:178 Resp: 2214911

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.2

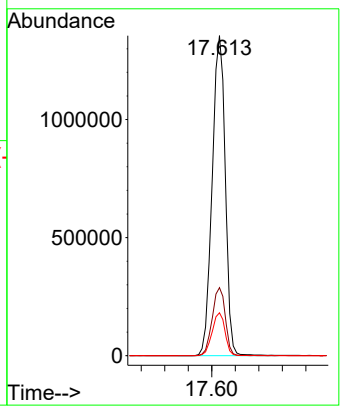




#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:167 Resp: 209317

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	13.4	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
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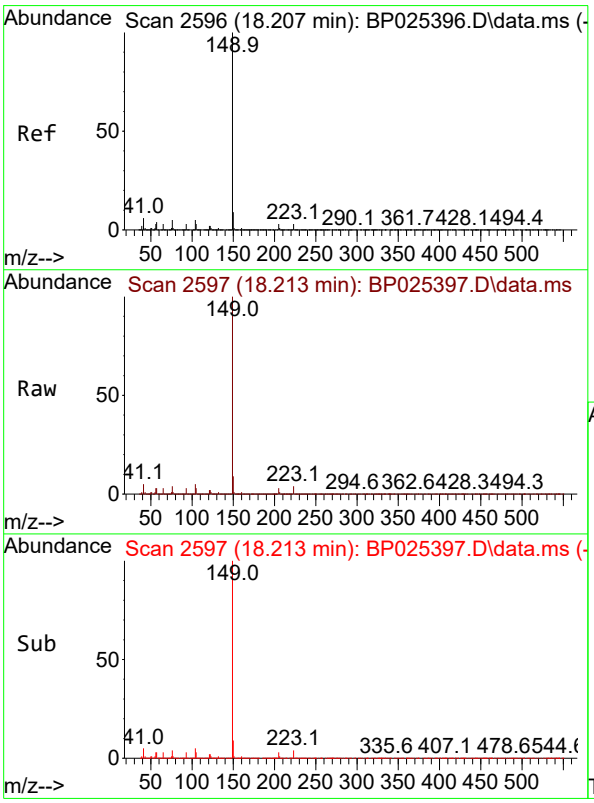
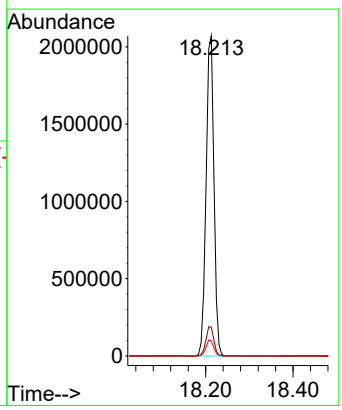
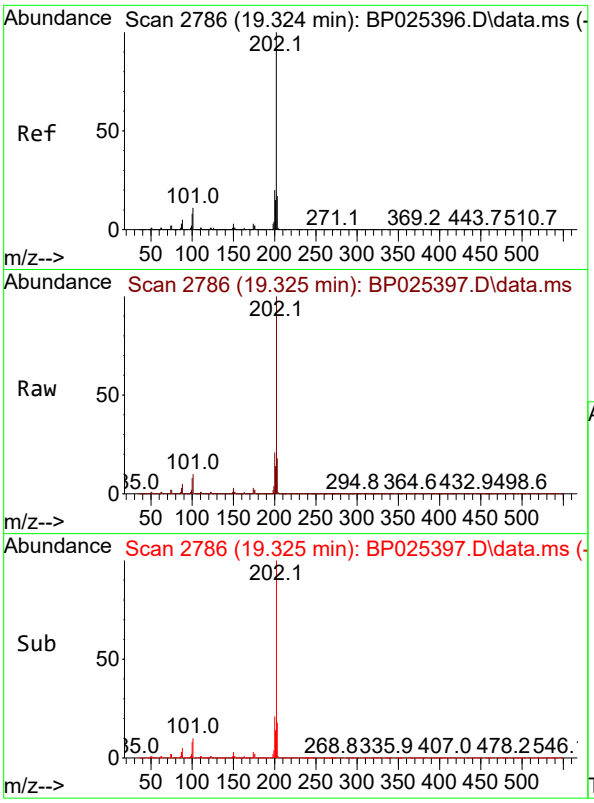


#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 2589522

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.2	6.2

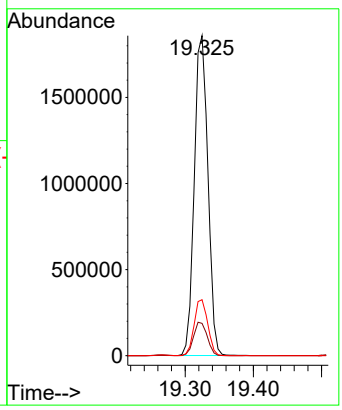




#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 256370

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.5	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
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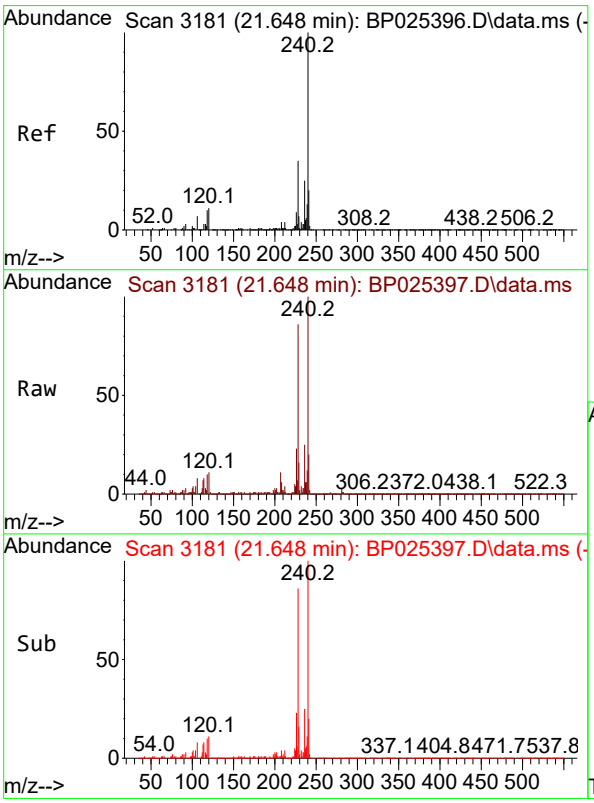
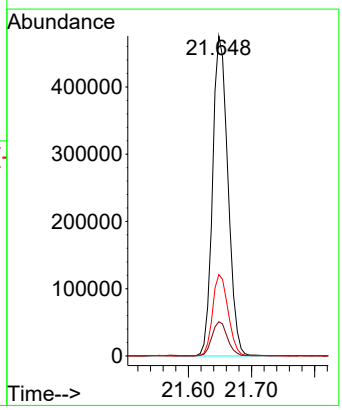
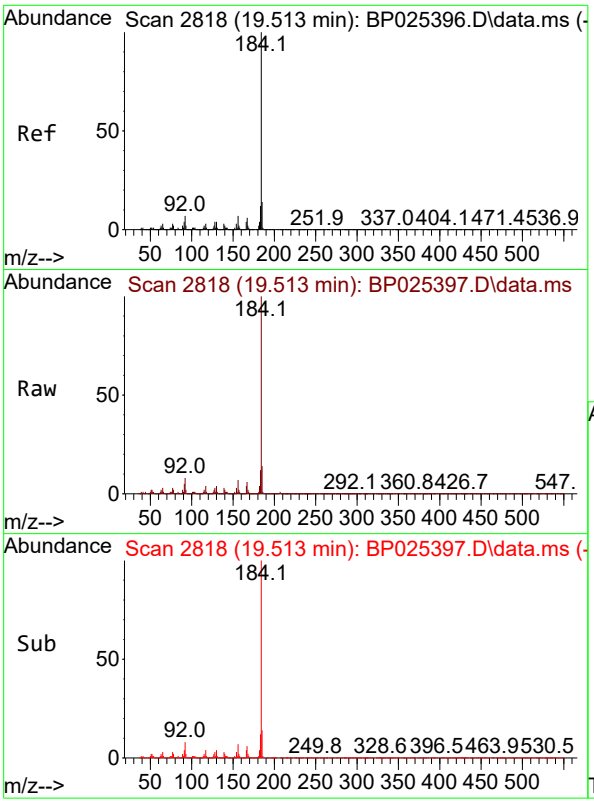


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:240 Resp: 801742

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	19.8	29.8

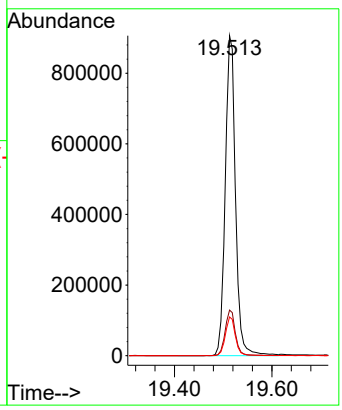




#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:184 Resp: 133019

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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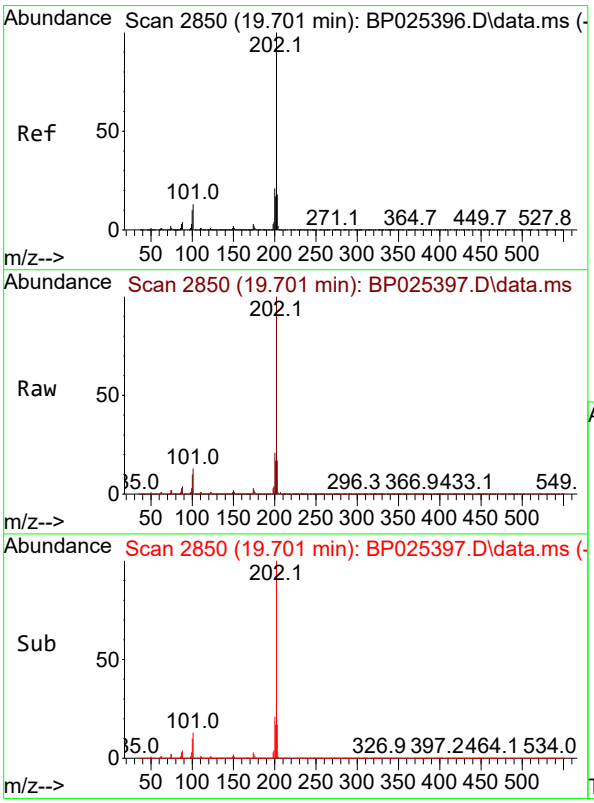
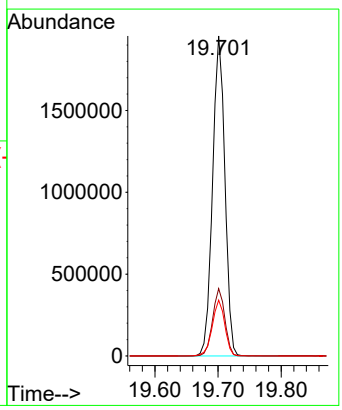
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

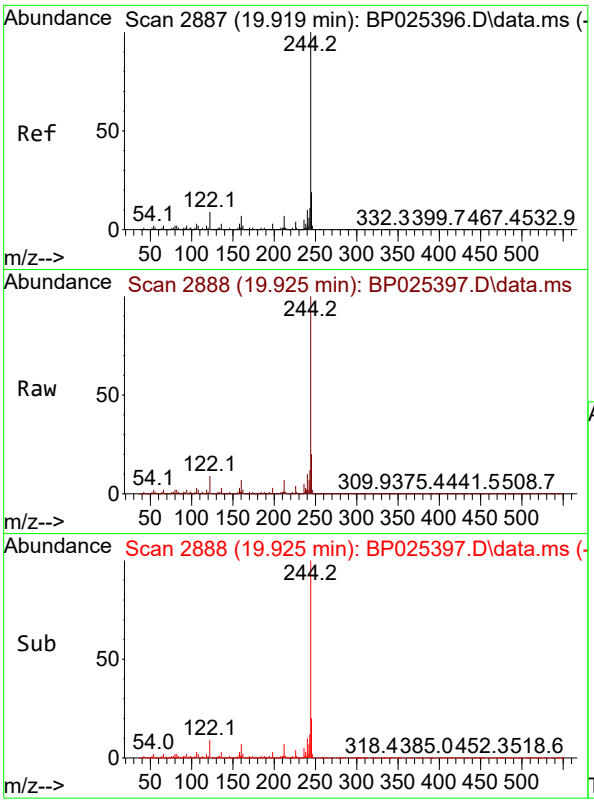


#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:202 Resp: 2644850

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.2	21.2

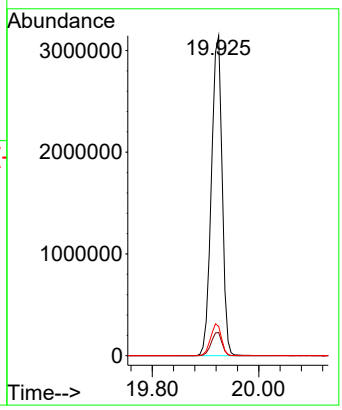




#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:244 Resp: 440909

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.2	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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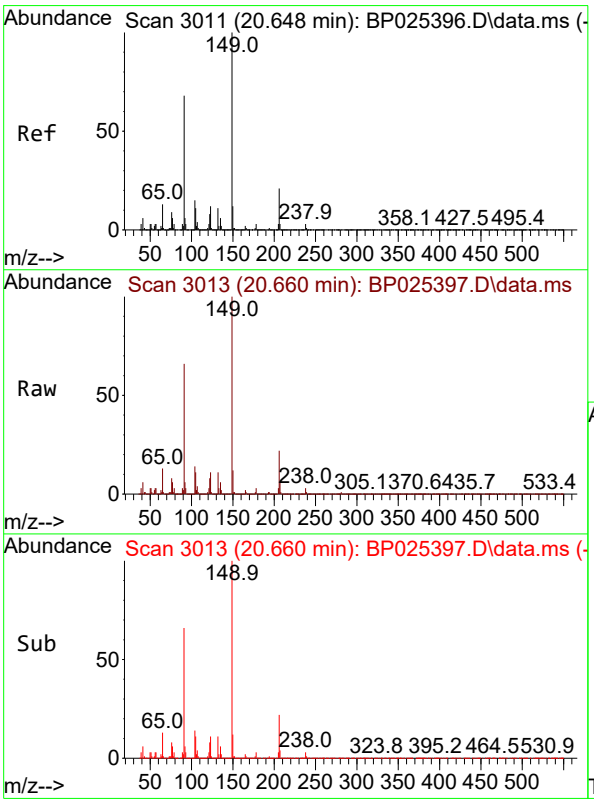
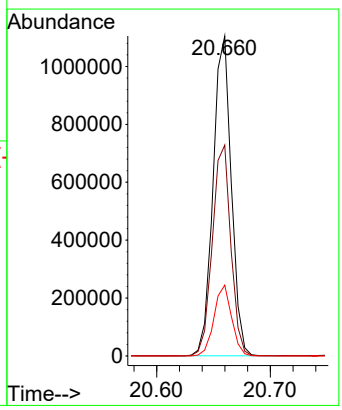
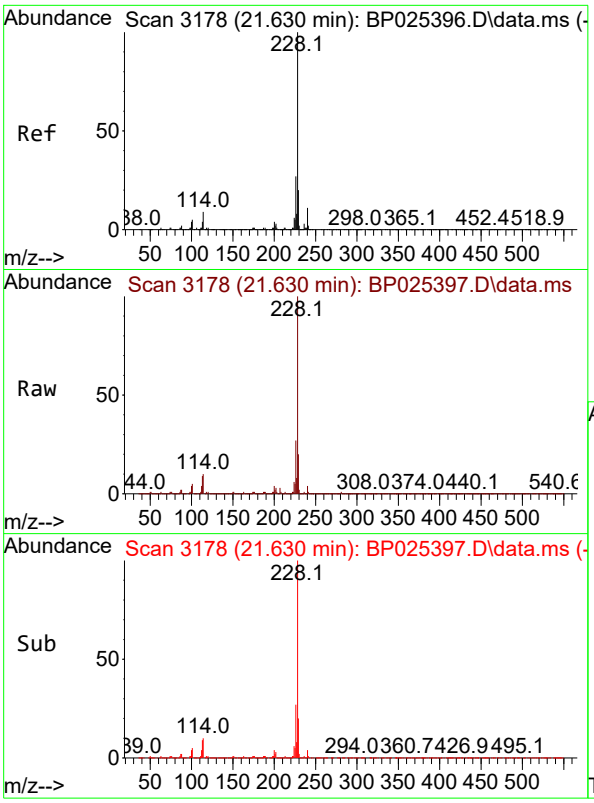


#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1231376

Ion	Ratio	Lower	Upper
149	100		
91	65.9	54.2	81.2
206	22.2	16.6	24.8

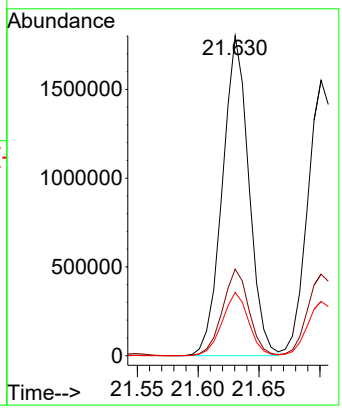




#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 272300

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.8	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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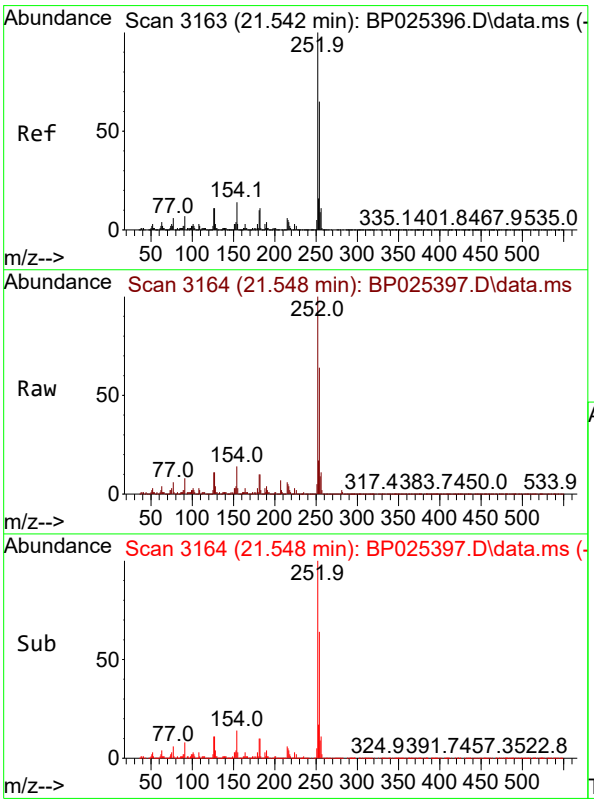
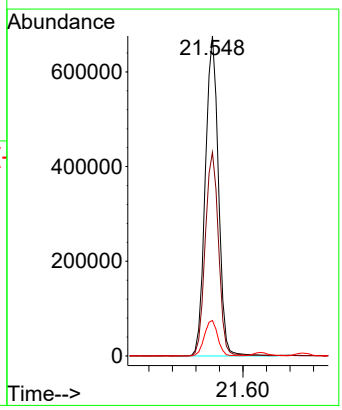
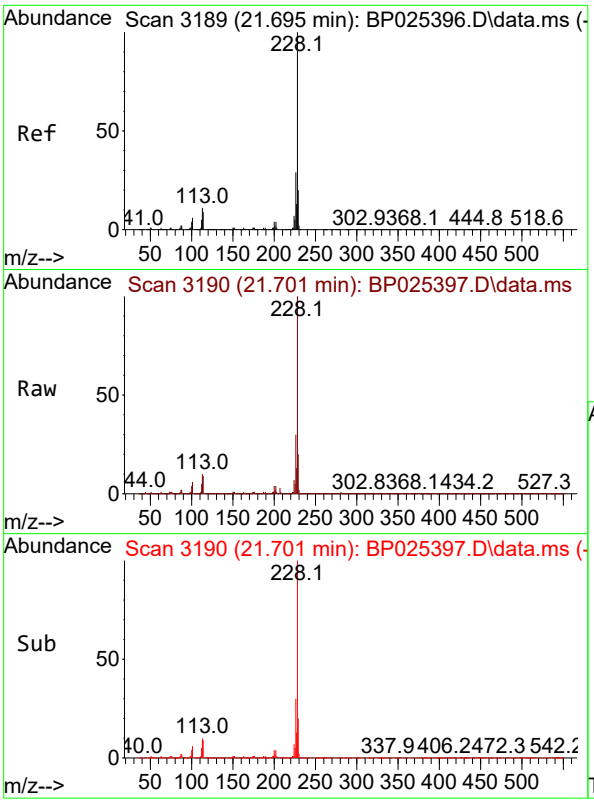


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 1043476

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	11.1	9.1	13.7

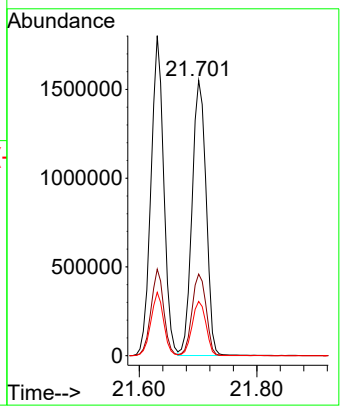




#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:228 Resp: 256585

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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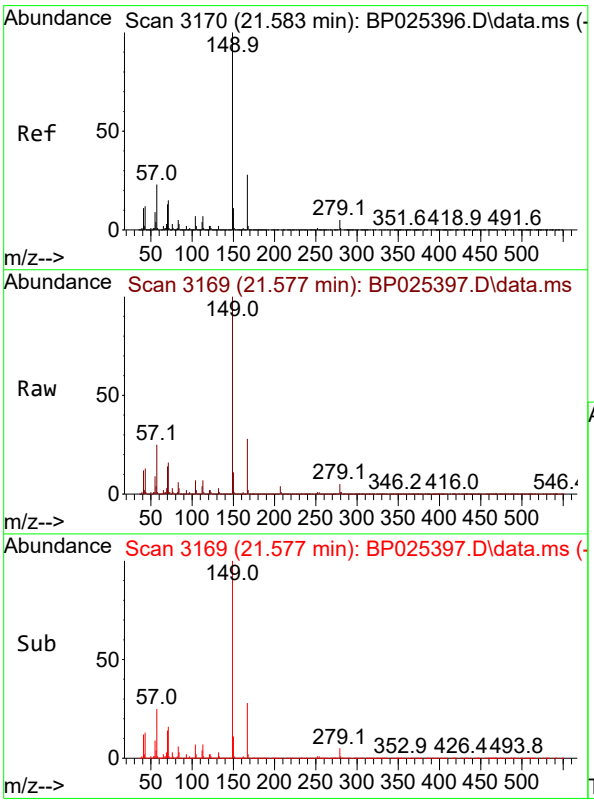
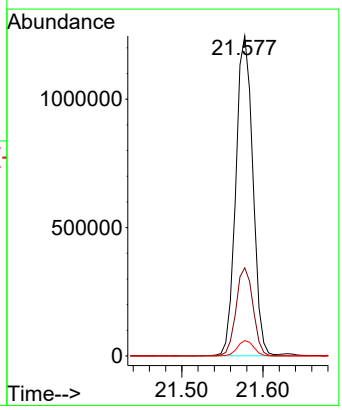
Supervised By :Jagrut Upadhyay 08/15/2025

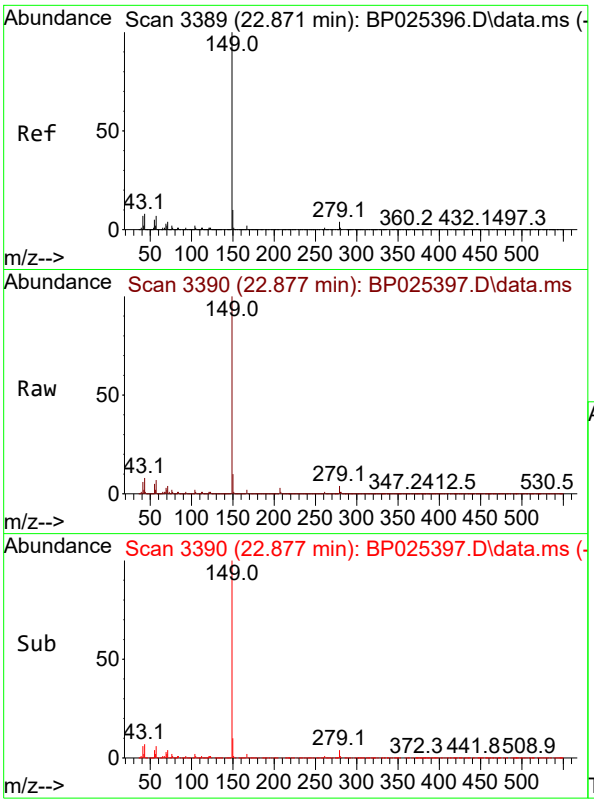


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 1805478

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.8	3.8	5.6

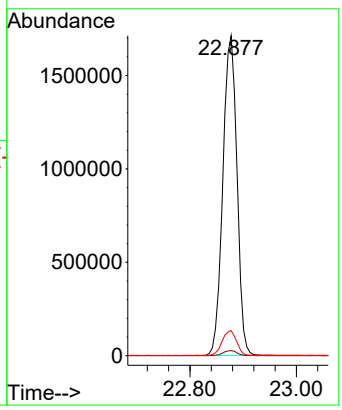




#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:149 Resp: 315082

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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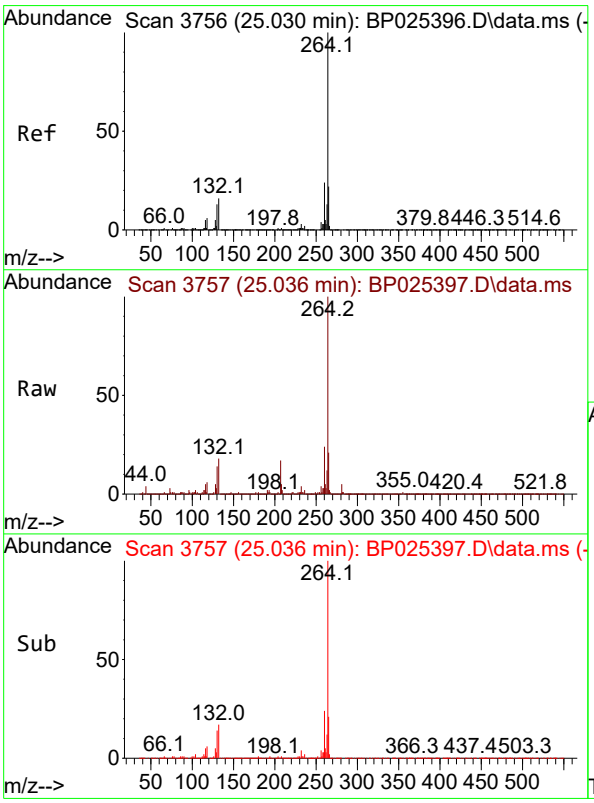
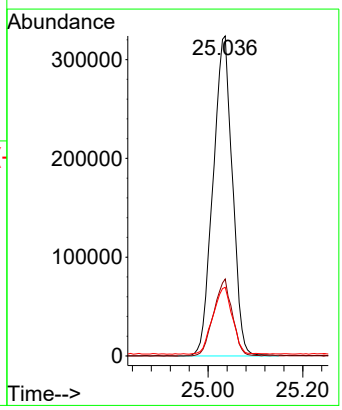
Supervised By :Jagrut Upadhyay 08/15/2025

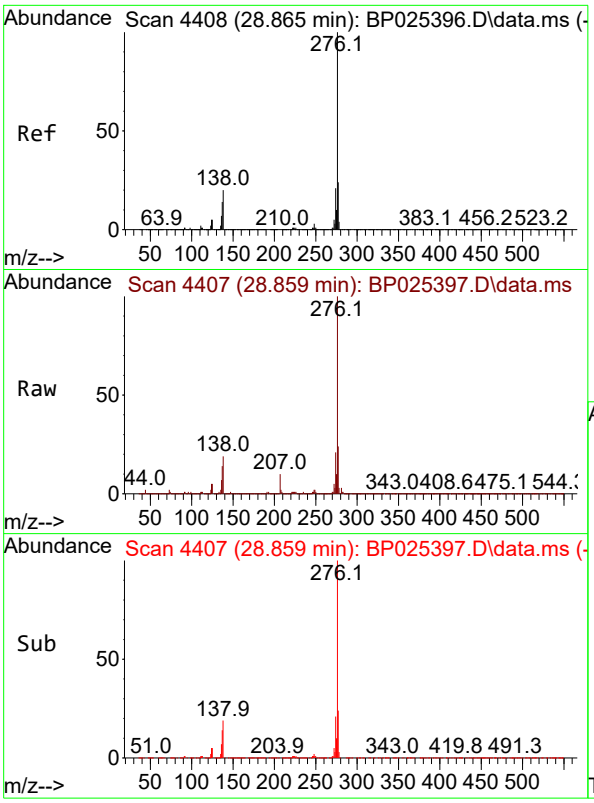


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.463 ng m
RT: 28.859 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 360417

Ion	Ratio	Lower	Upper
276	100		
138	8.3	12.9	19.3#
277	9.7	17.0	25.6#

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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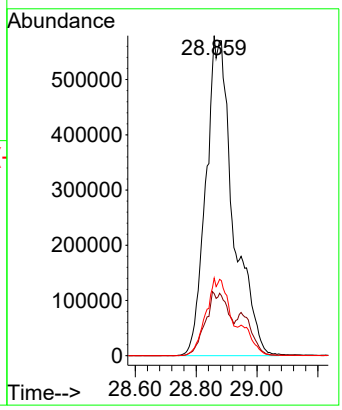
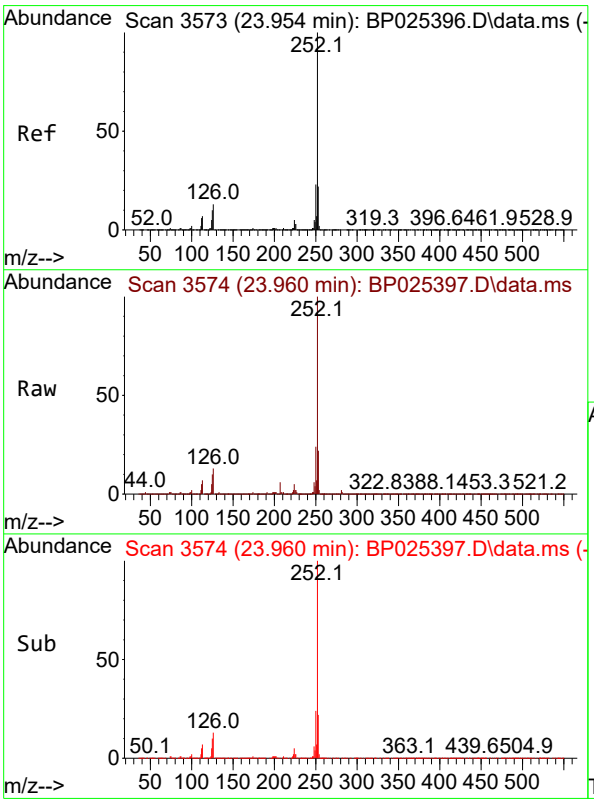
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

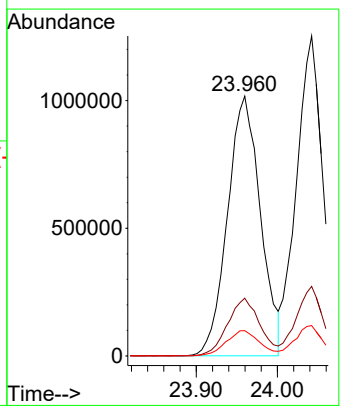


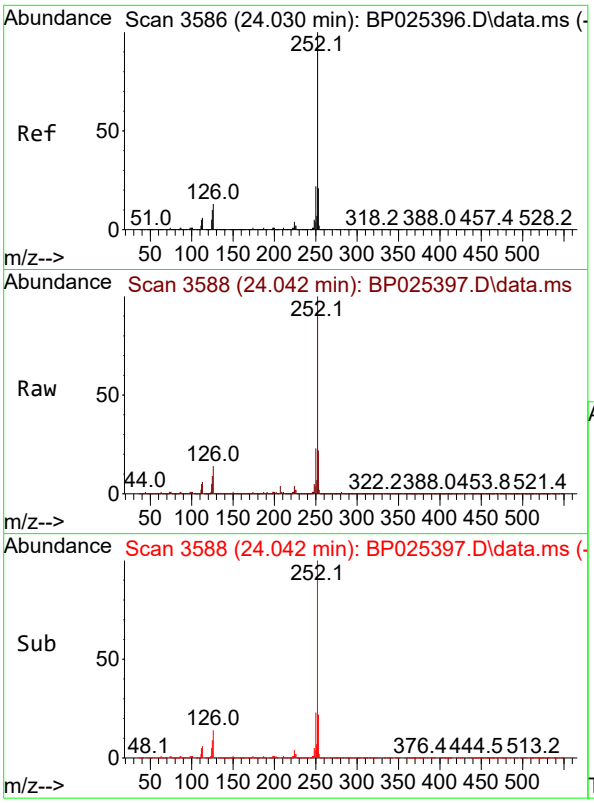


#88
Benzo(b)fluoranthene
Concen: 52.982 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2870971

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	7.9	11.9

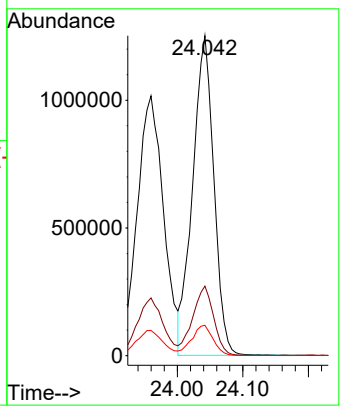




#89
Benzo(k)fluoranthene
Concen: 51.956 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 281727

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

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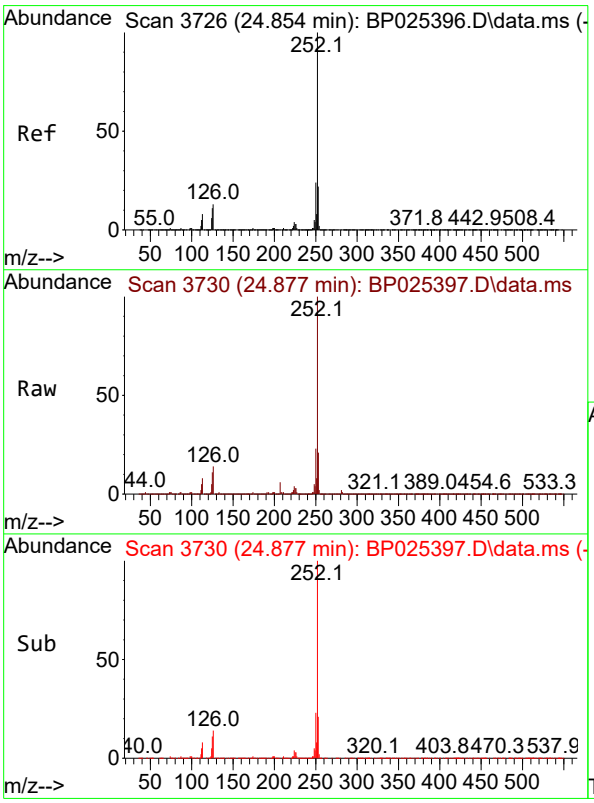
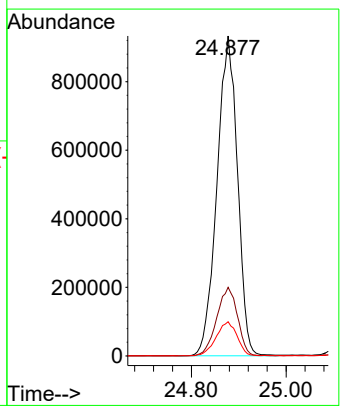
Supervised By :Jagrut Upadhyay 08/15/2025

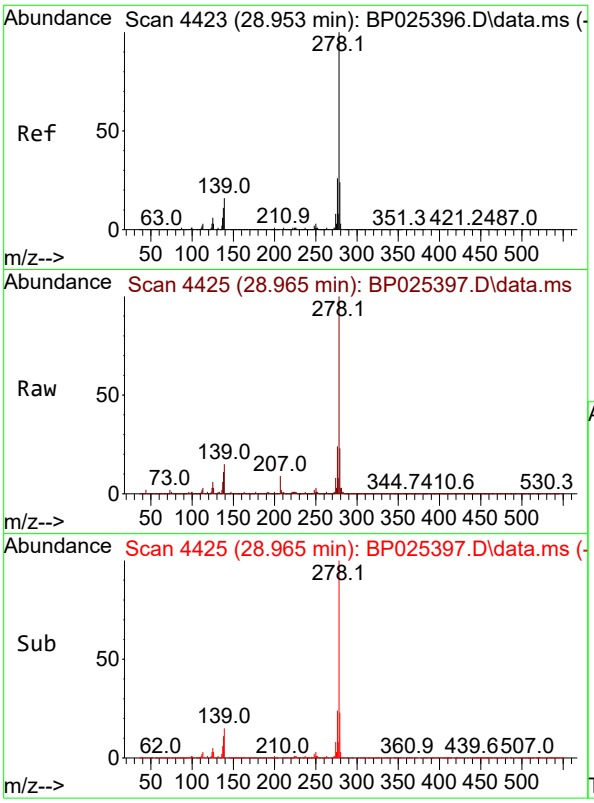


#90
Benzo(a)pyrene
Concen: 53.100 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:252 Resp: 2800880

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.7	8.7	13.1

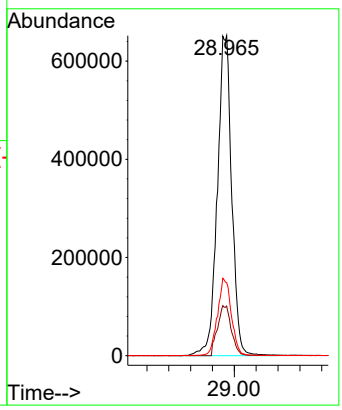




#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 44
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:278 Resp: 296262

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	22.9	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
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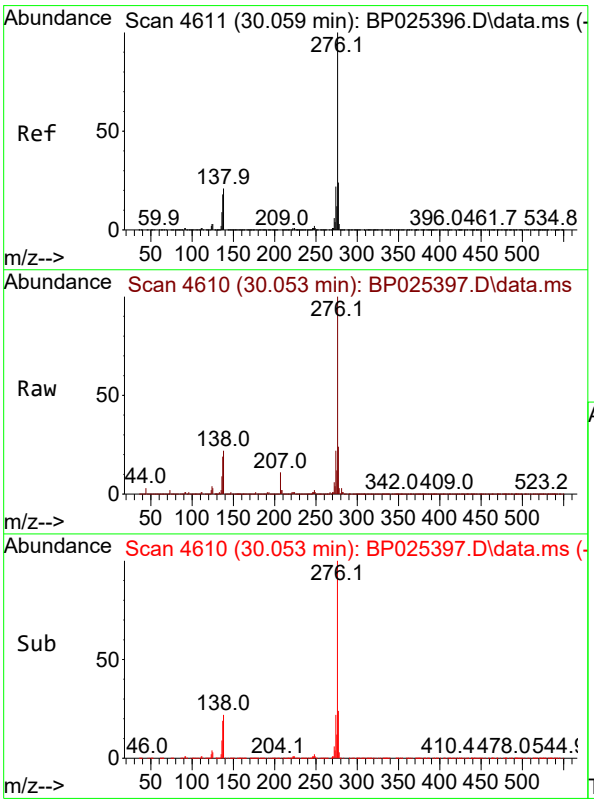
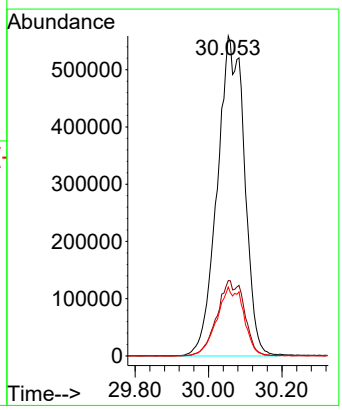


#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:276 Resp: 2866689

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	21.6	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46) 1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47) 2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48) 2-Nitroaniline	13.472	65	485429	63.996	ng	100
49) Acenaphthylene	14.131	152	2634005	61.147	ng	99
50) Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51) 2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52) Acenaphthene	14.478	154	1527191	60.399	ng	100
53) 3-Nitroaniline	14.301	138	506373	63.331	ng	96
54) 2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55) Dibenzofuran	14.819	168	2387933	59.734	ng	100
56) 4-Nitrophenol	14.625	139	419801	63.893	ng	99
57) 2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58) Fluorene	15.478	166	1836972	58.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60) Diethylphthalate	15.254	149	2015888	58.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62) 4-Nitroaniline	15.489	138	510438	62.272	ng	99
63) Azobenzene	15.766	77	1796580	61.242	ng	99
65) 4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66) n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68) Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69) Atrazine	16.666	200	633381	60.063	ng	99
70) Pentachlorophenol	16.854	266	474276	63.820	ng	97
71) Phenanthrene	17.260	178	3006132	59.263	ng	100
72) Anthracene	17.342	178	3050794	58.895	ng	99
73) Carbazole	17.625	167	2916606	59.776	ng	99
74) Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75) Fluoranthene	19.342	202	3563798	58.899	ng	99
77) Benzidine	19.525	184	1690432	53.489	ng	99
78) Pyrene	19.713	202	3664453	60.883	ng	100
80) Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81) Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83) Chrysene	21.707	228	3453736	60.387	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85) Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88) Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89) Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90) Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91) Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92) Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

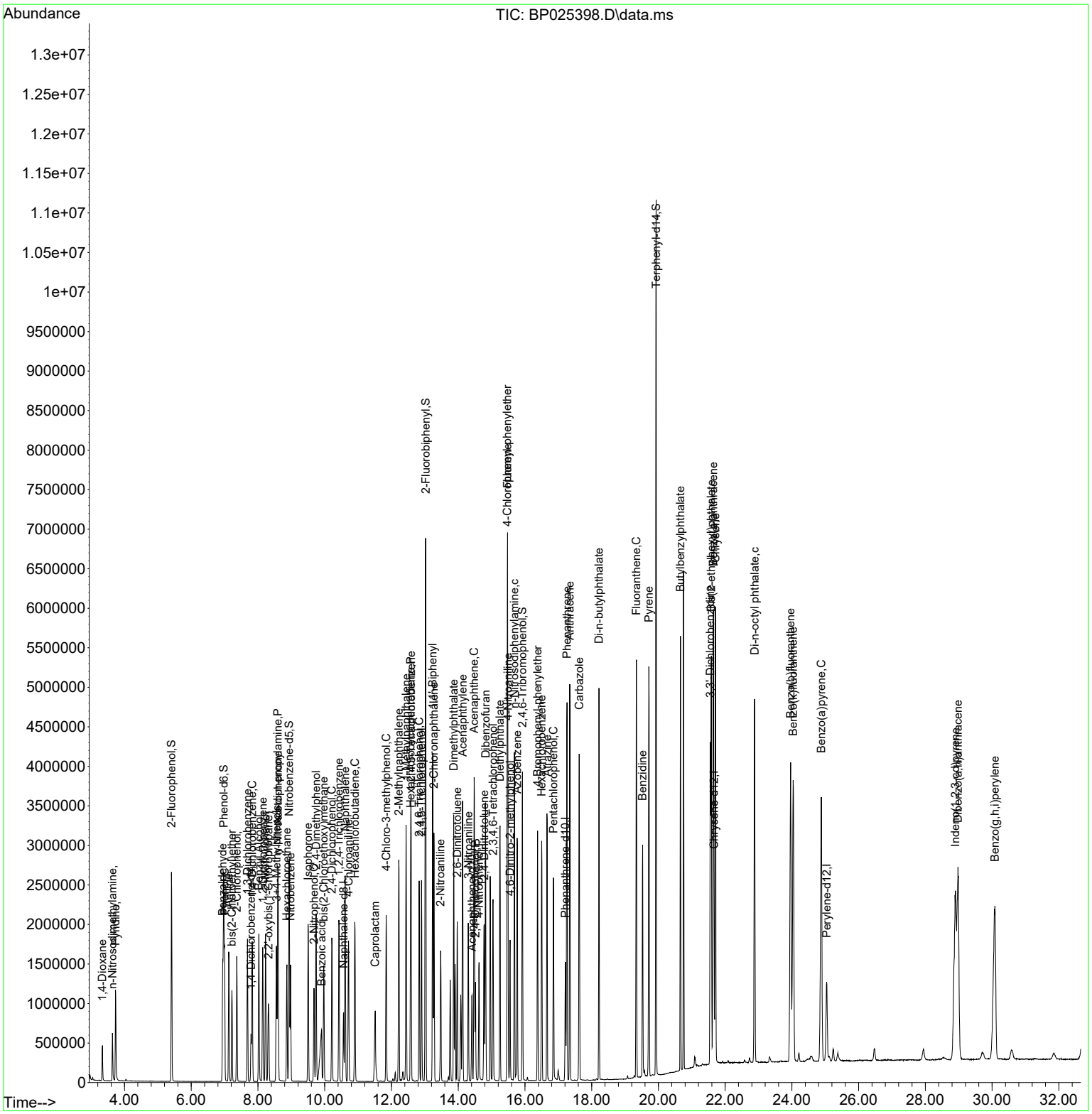
(#) = qualifier out of range (m) = manual integration (+) = signals summed

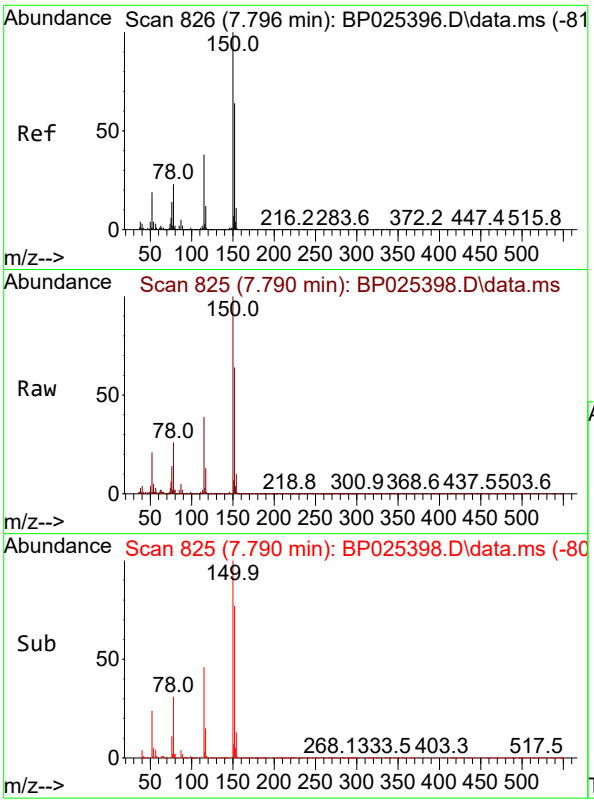
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



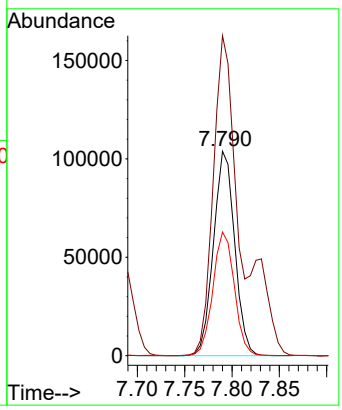


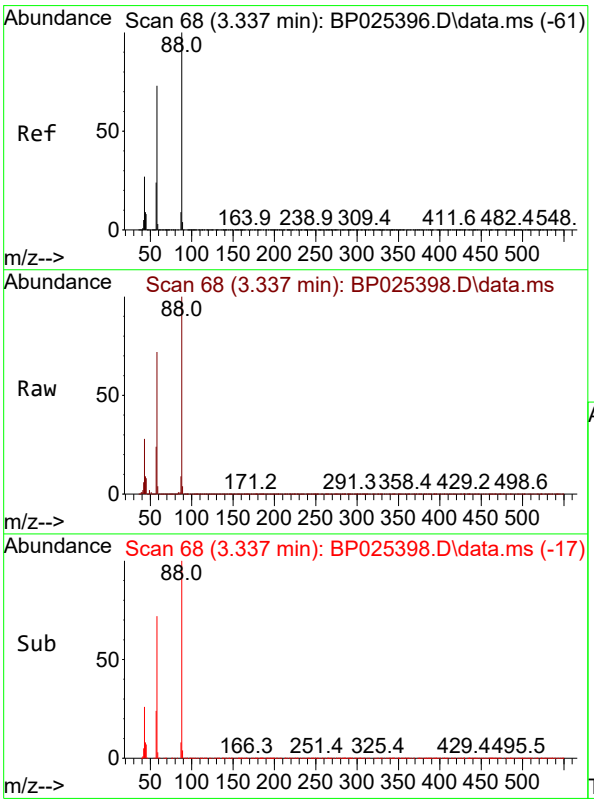
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 162248

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	60.5	48.5	72.7

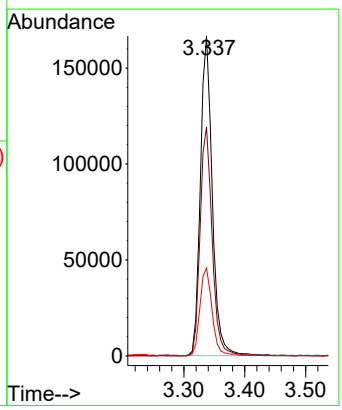


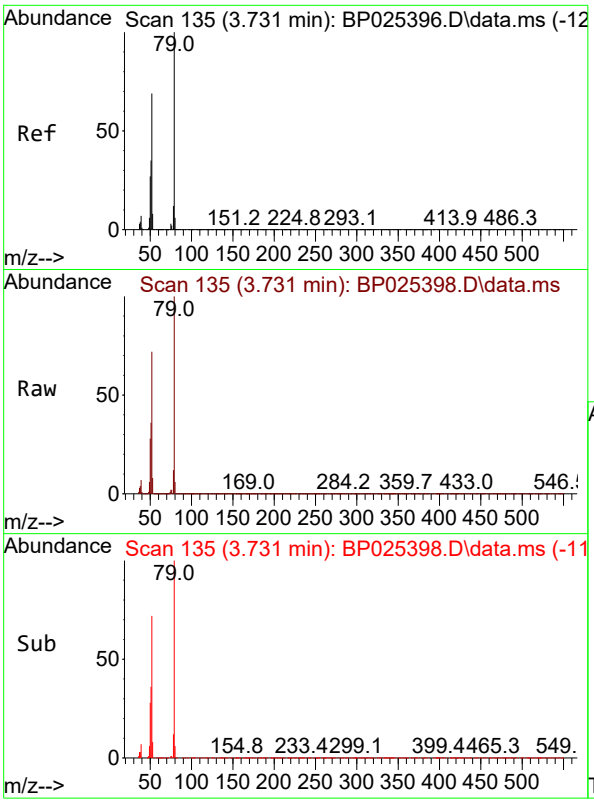


#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.2	88.8
43	27.9	21.7	32.5



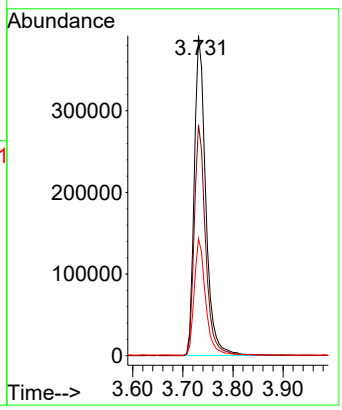


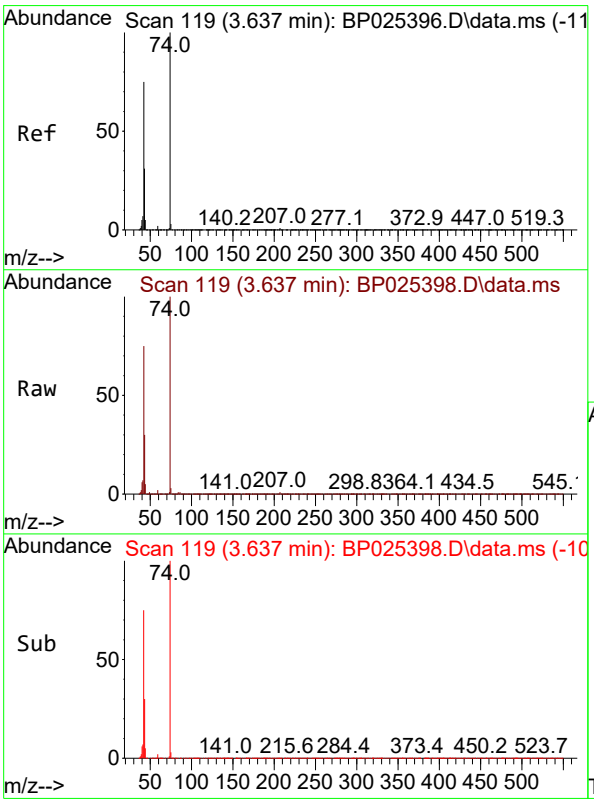
#3
Pyridine
Concen: 59.539 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 623639

Ion	Ratio	Lower	Upper
79	100		
52	72.1	55.5	83.3
51	36.5	28.3	42.5

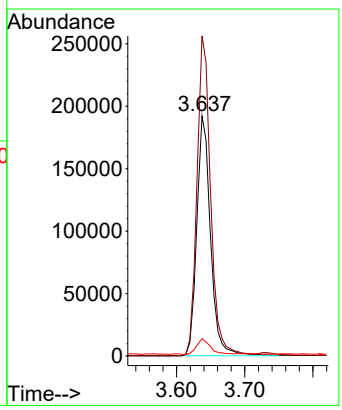


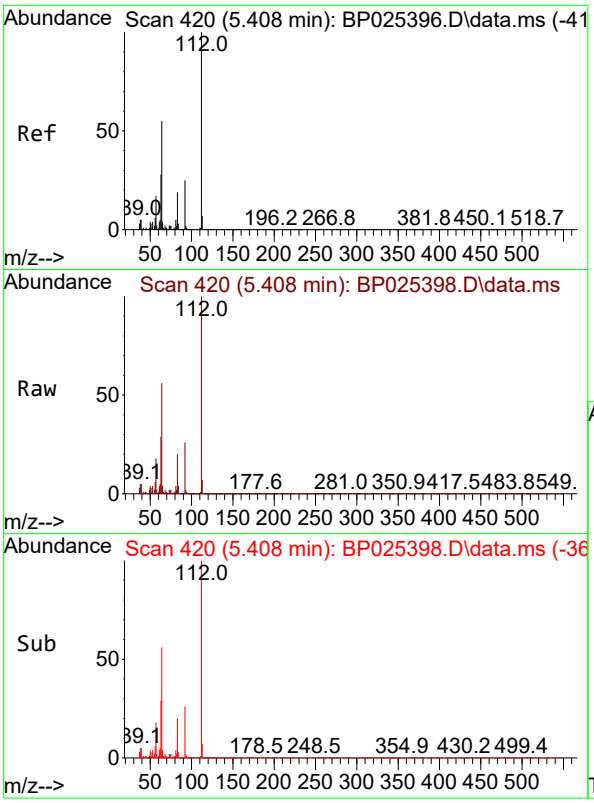


#4
n-Nitrosodimethylamine
Concen: 62.518 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 42 Resp: 269971

Ion	Ratio	Lower	Upper
42	100		
74	133.4	107.0	160.4
44	7.2	6.2	9.4



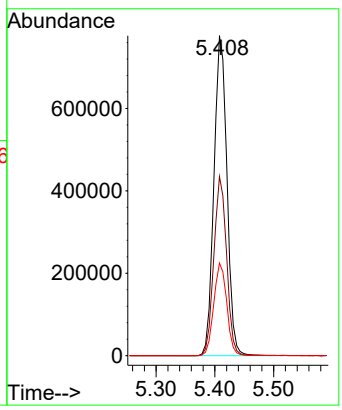


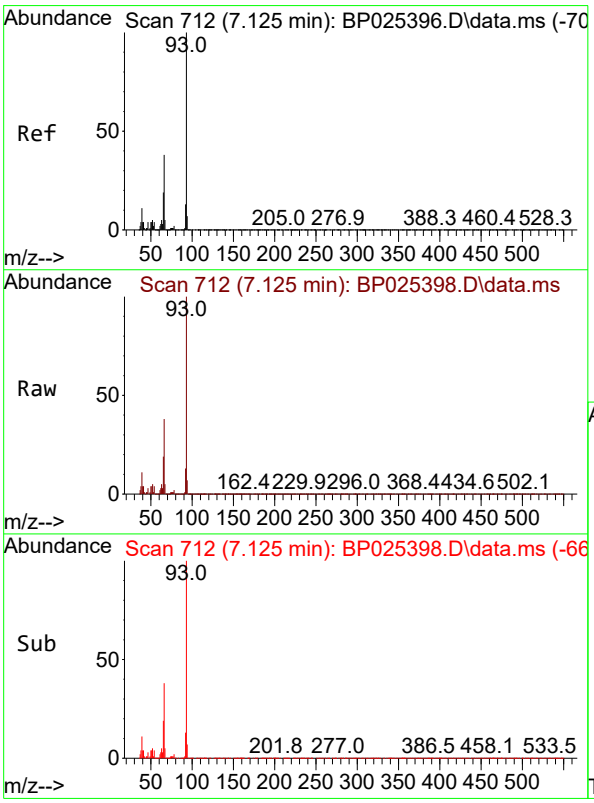
#5
2-Fluorophenol
Concen: 122.144 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1193329

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.8
63	29.0	22.7	34.1

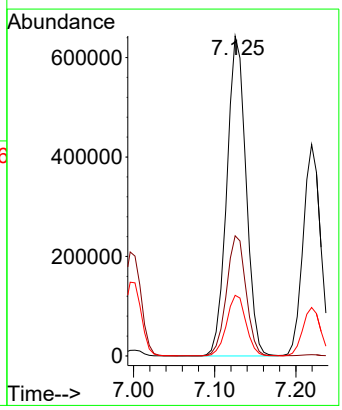


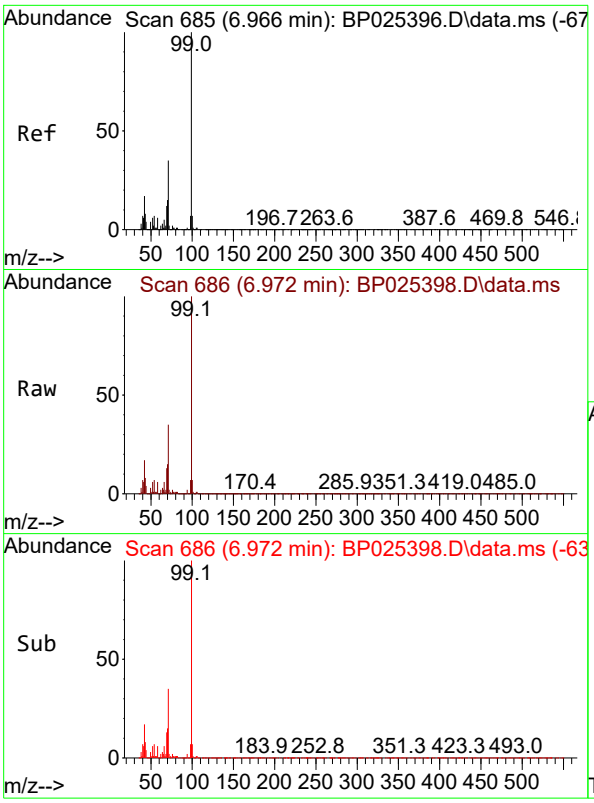


#6
Aniline
Concen: 62.408 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 1053232

Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.4	45.6
65	18.9	15.3	22.9



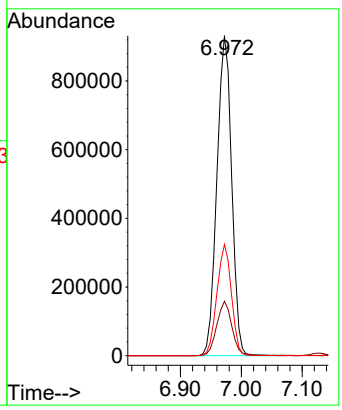


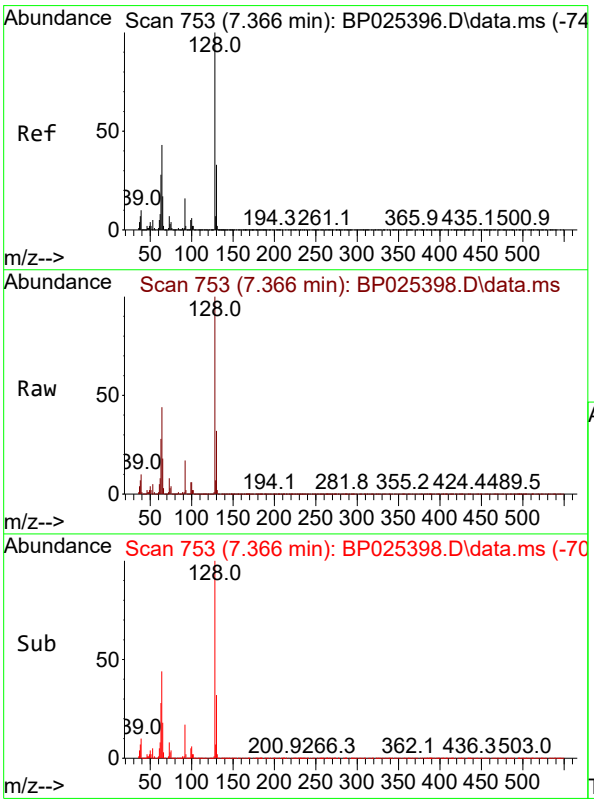
#7
Phenol-d6
Concen: 125.072 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1566626

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	34.8	28.2	42.4

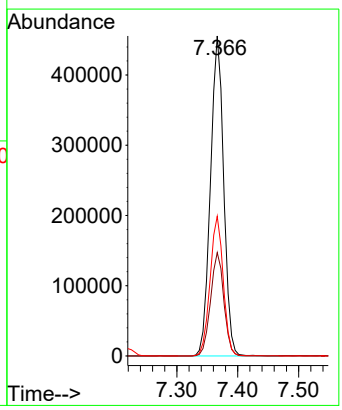


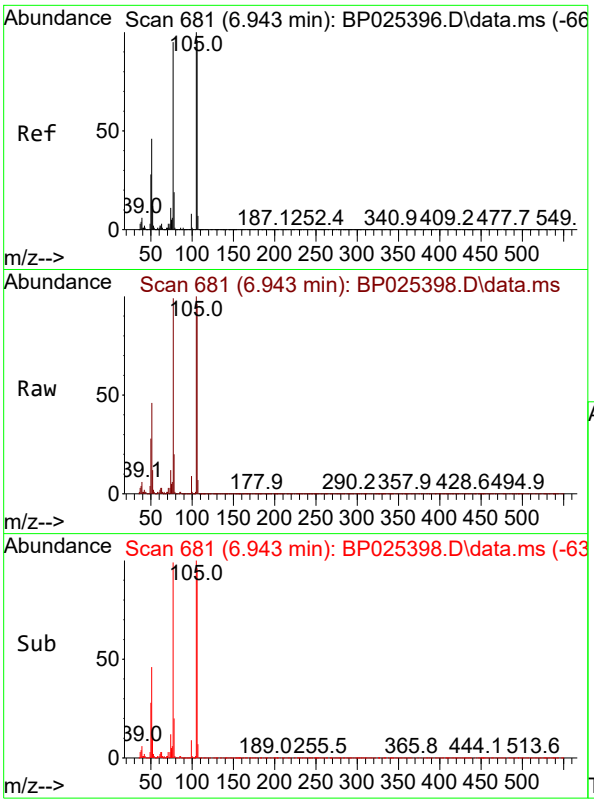


#8
2-Chlorophenol
Concen: 62.413 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:128 Resp: 688094

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	43.7	23.4	63.4



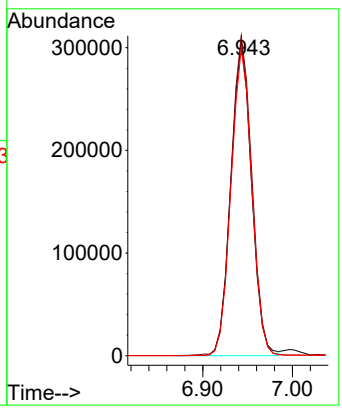


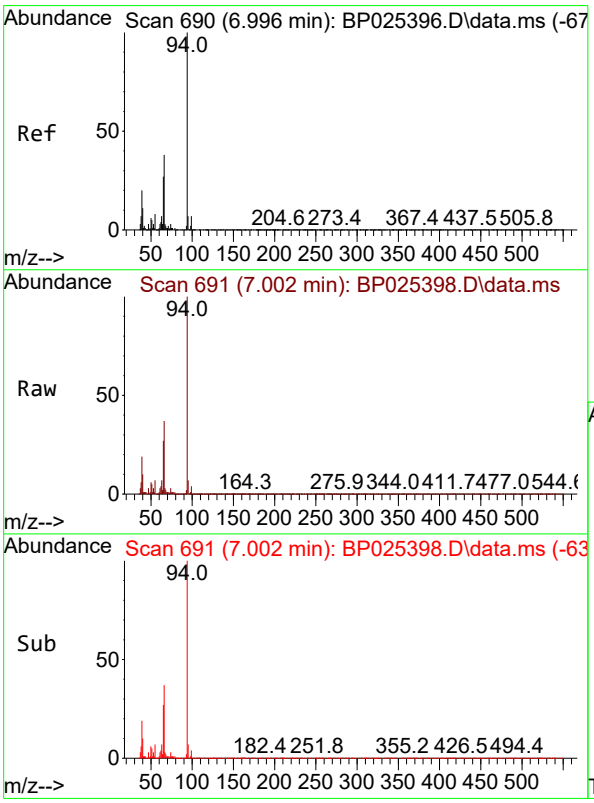
#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 489205

Ion	Ratio	Lower	Upper
77	100		
105	101.4	84.8	124.8
106	97.4	80.5	120.5

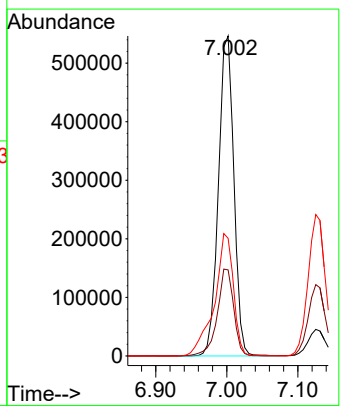


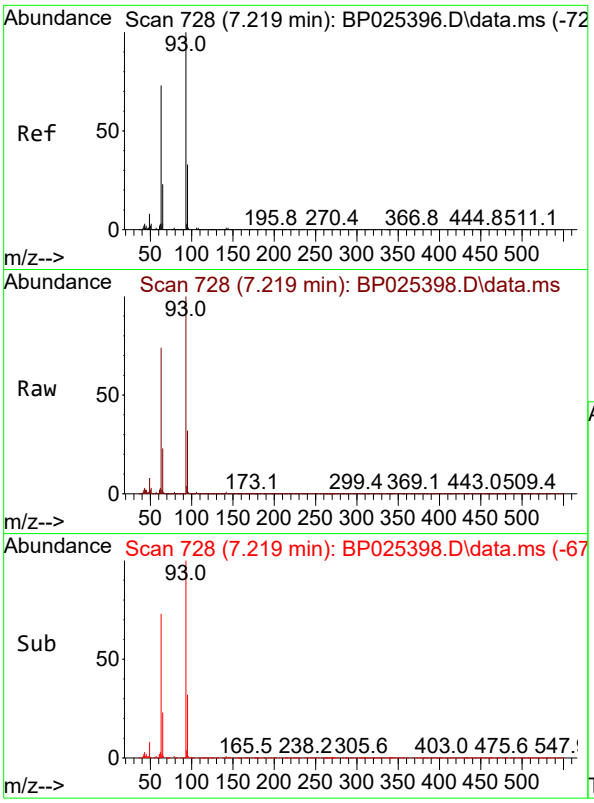


#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.8	46.8
66	36.8	18.2	58.2



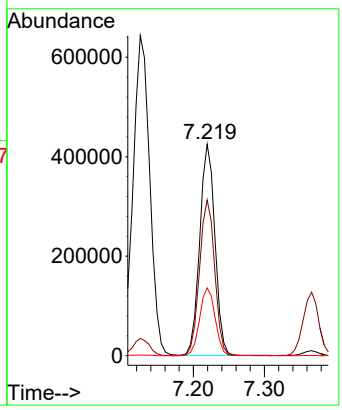


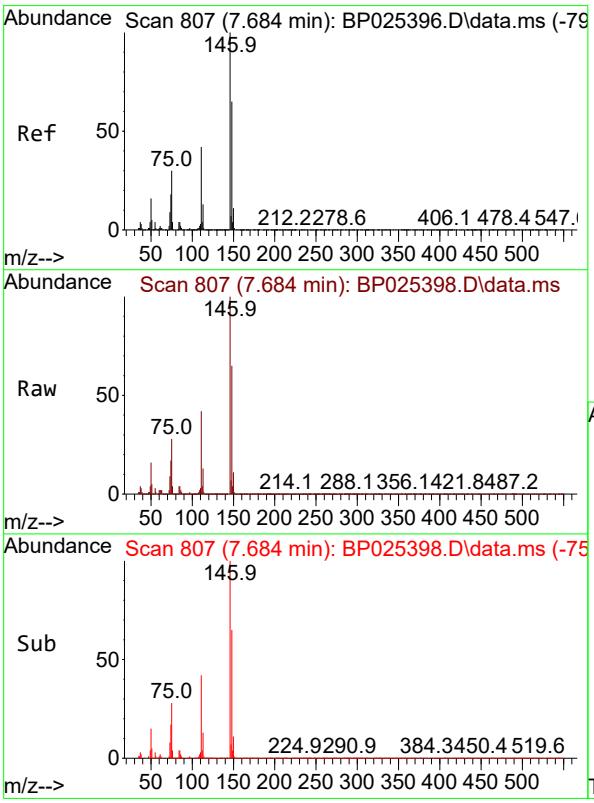
#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 634374

Ion	Ratio	Lower	Upper
93	100		
63	73.6	52.6	92.6
95	32.0	12.7	52.7

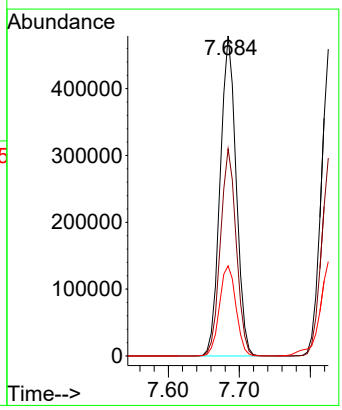


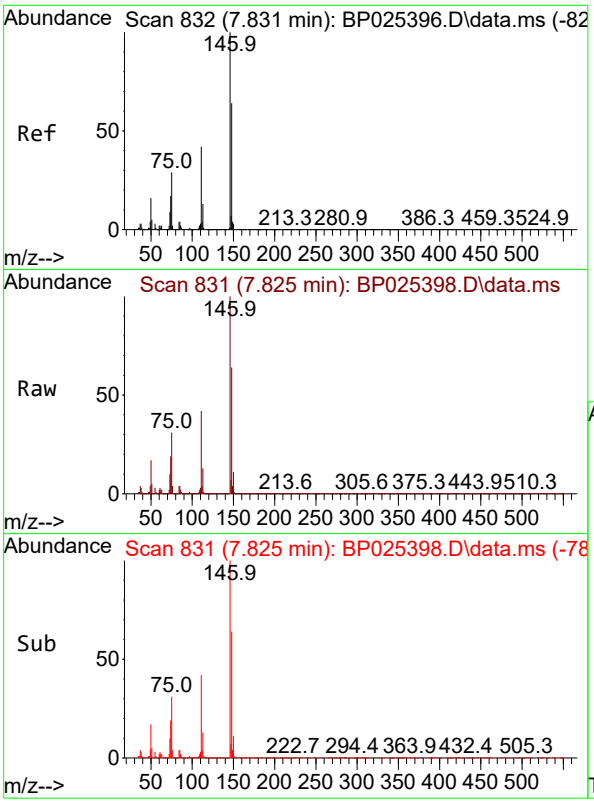


#12
1,3-Dichlorobenzene
Concen: 61.273 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 744884

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	28.2	23.7	35.5



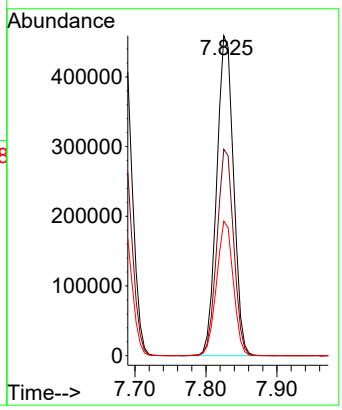


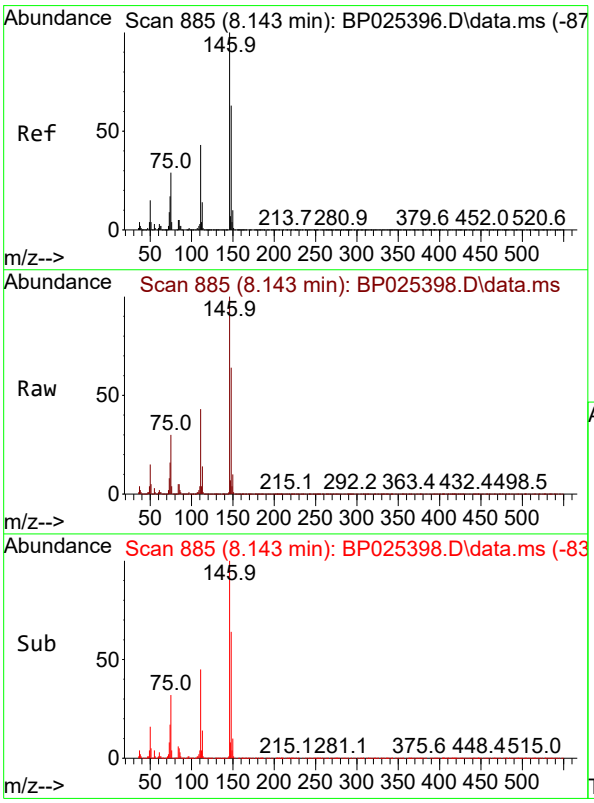
#13
1,4-Dichlorobenzene
Concen: 60.469 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 751354

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.0	33.4	50.0

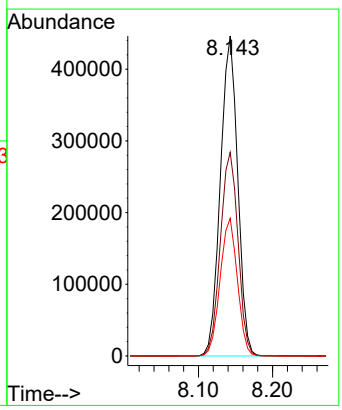


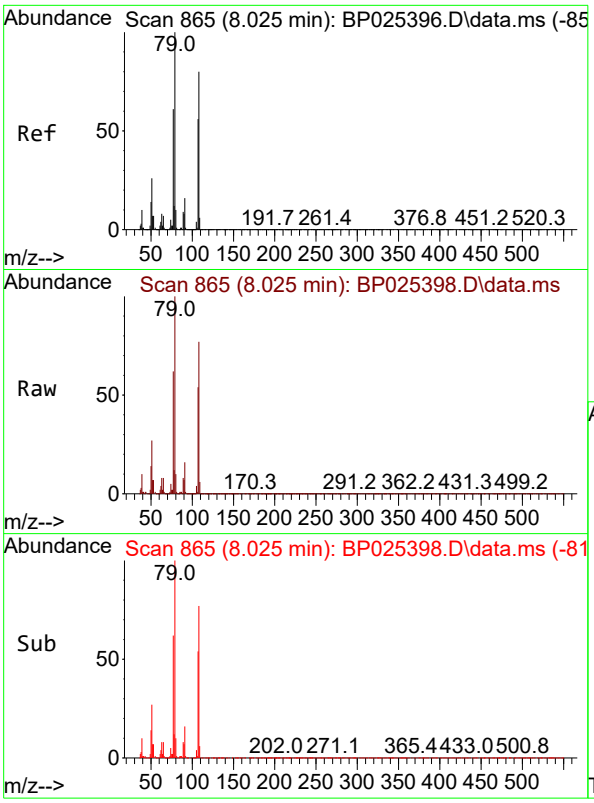


#14
1,2-Dichlorobenzene
Concen: 60.165 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:146 Resp: 723663

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.0	34.5	51.7



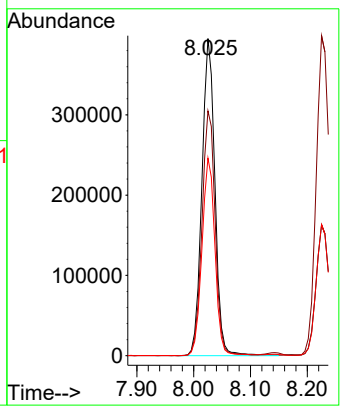


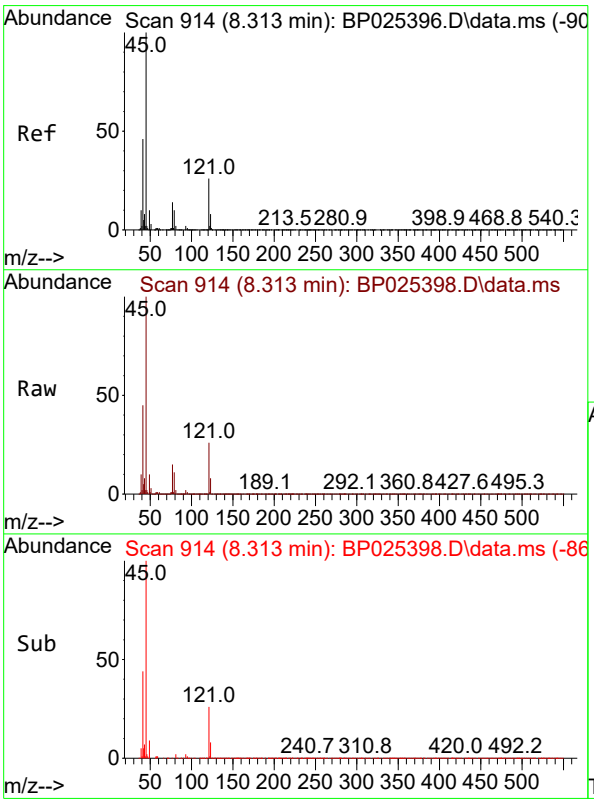
#15
Benzyl Alcohol
Concen: 63.019 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 627198

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.8	95.6
77	62.3	49.0	73.4

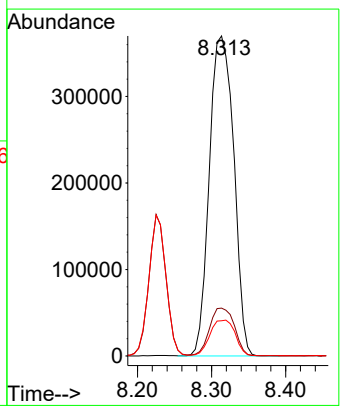


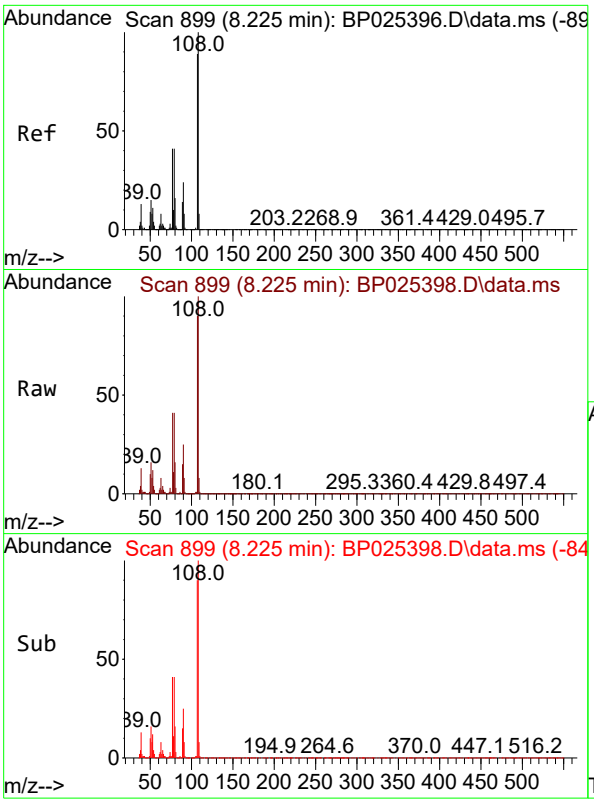


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.712 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 45 Resp: 846896

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.3
79	11.0	0.0	31.8



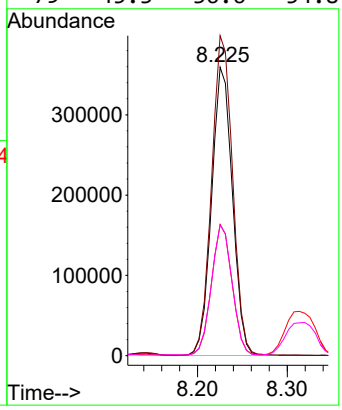


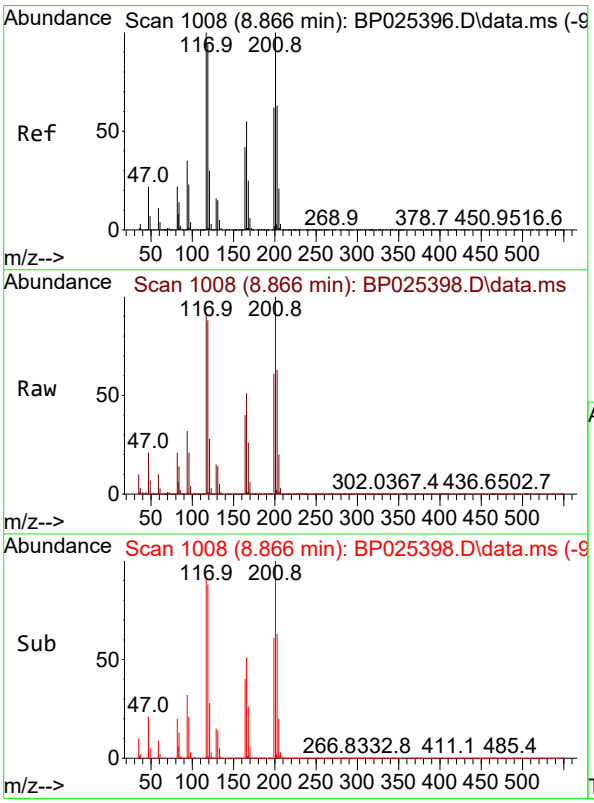
#17
2-Methylphenol
Concen: 63.480 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 579471

Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.4	134.0
77	45.5	36.3	54.5
79	45.3	36.6	54.8

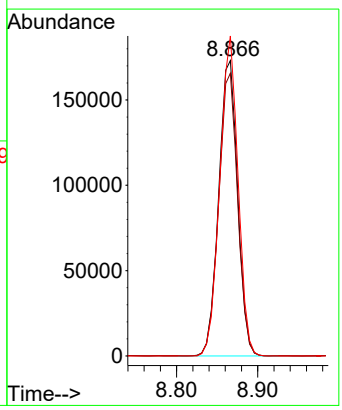


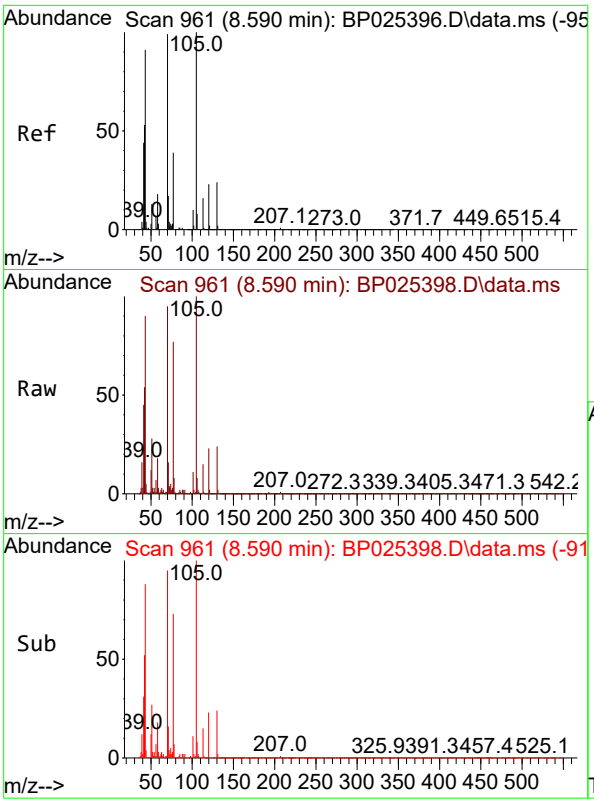


#18
Hexachloroethane
Concen: 61.535 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:117 Resp: 281129

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.1	112.7
201	108.4	80.1	120.1



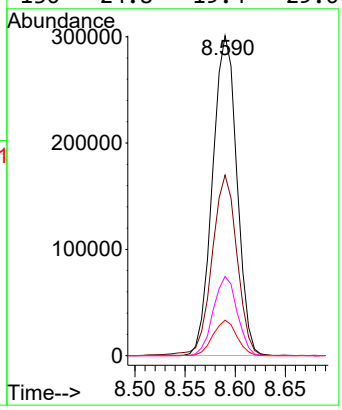


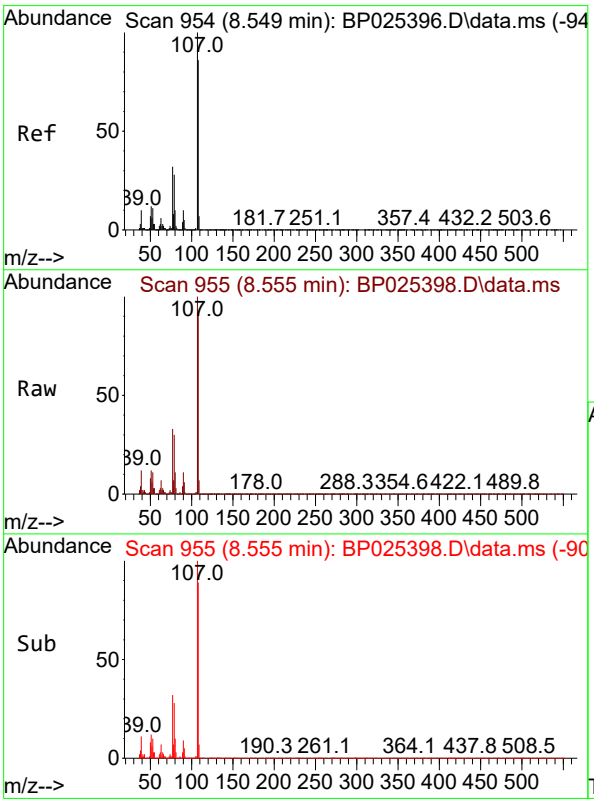
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 507223

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	11.1	8.5	12.7
130	24.8	19.4	29.0

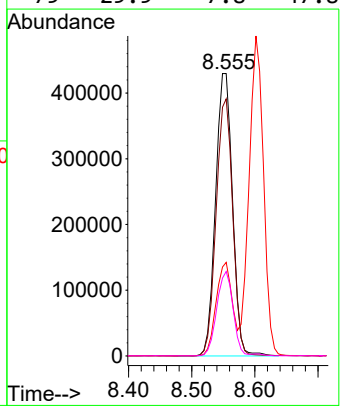


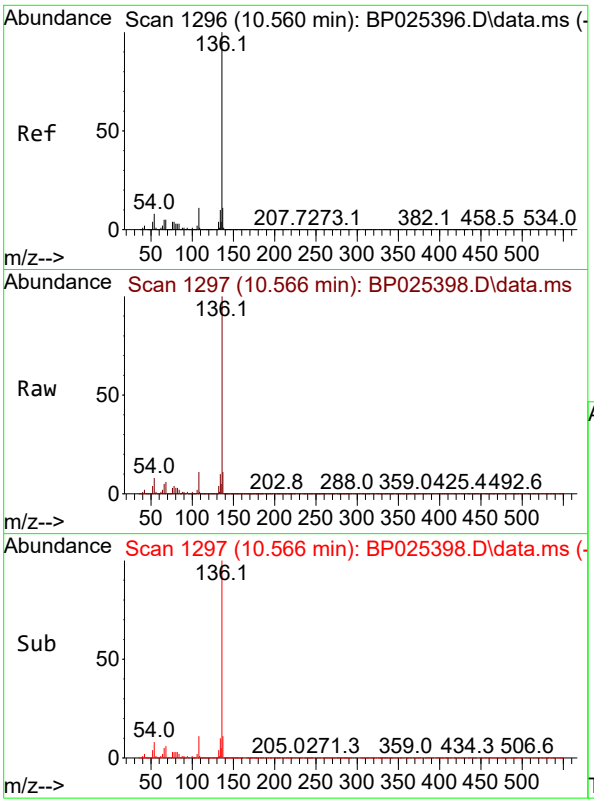


#20
3+4-Methylphenols
Concen: 63.075 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 798107

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.3	106.3
77	33.1	12.3	52.3
79	29.9	7.8	47.8



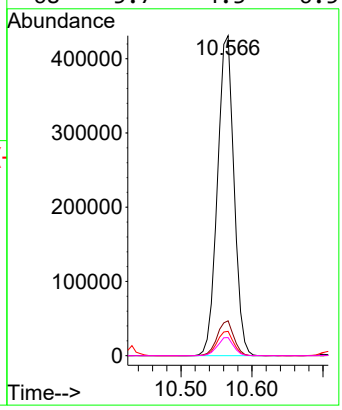


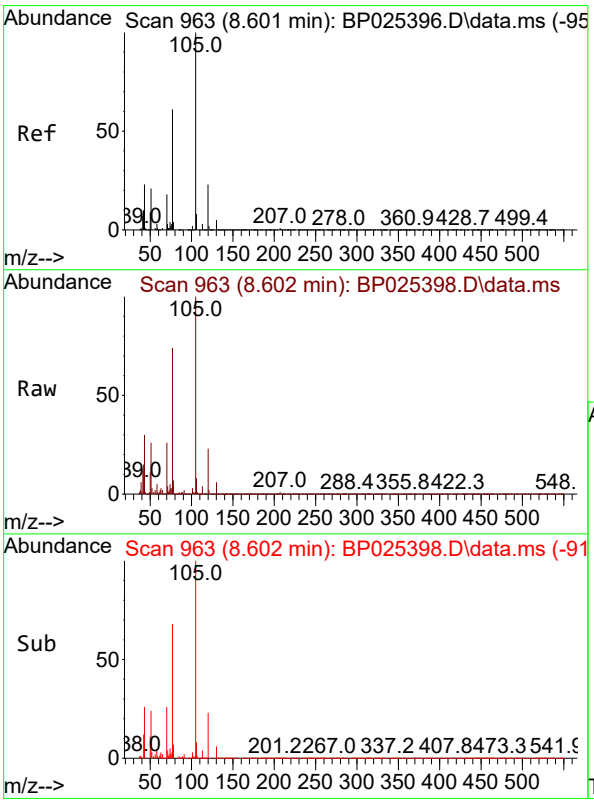
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 693237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	6.0	9.0
68	5.7	4.3	6.5

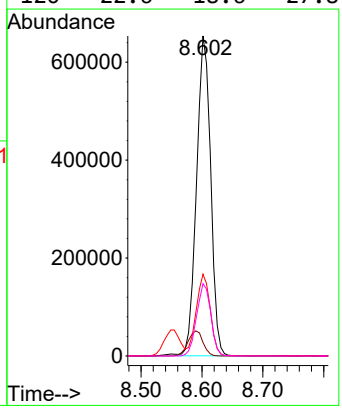


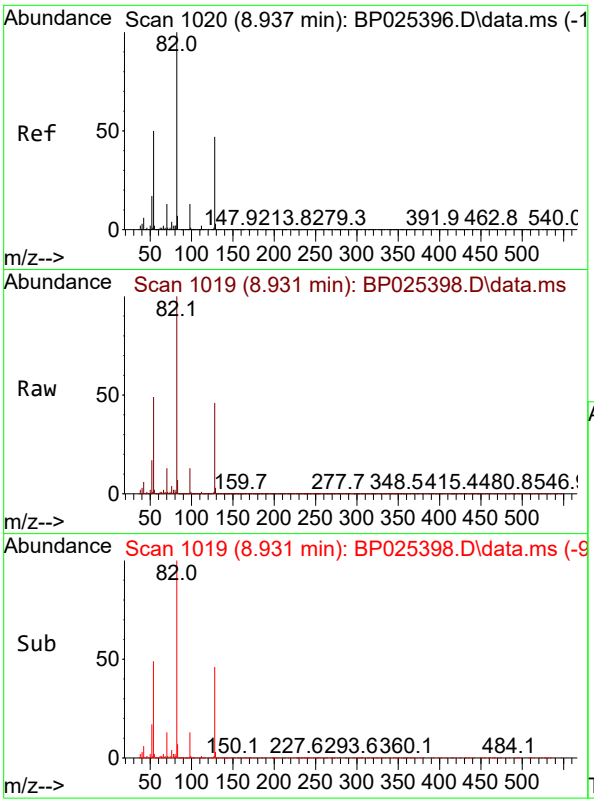


#22
Acetophenone
Concen: 60.503 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	25.5	20.6	30.8
120	22.6	18.6	27.8



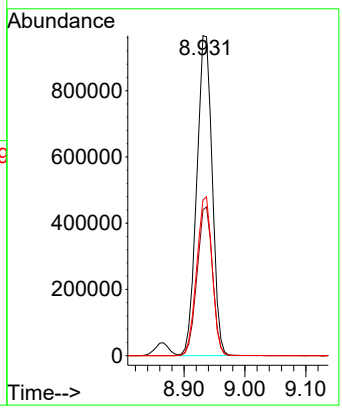


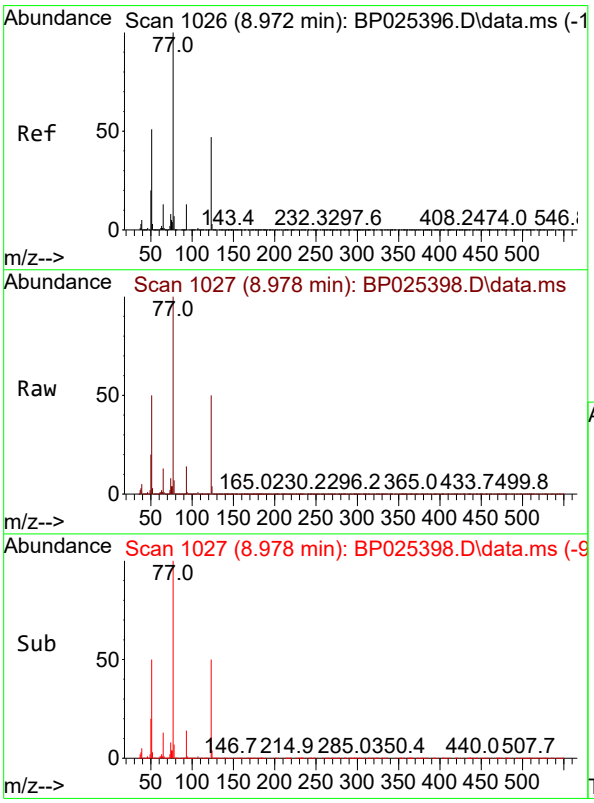
#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1698557

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	48.6	39.8	59.6

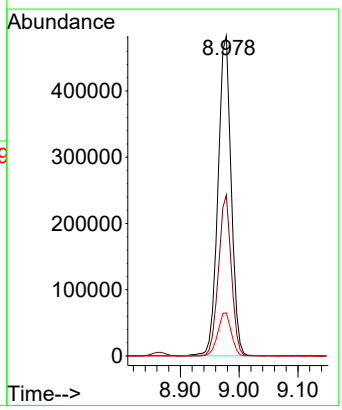


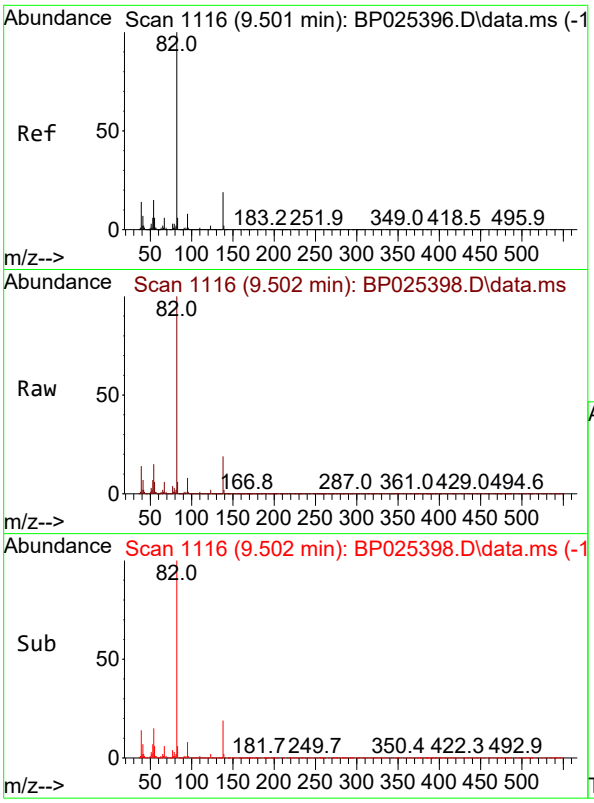


#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	13.4	10.6	15.8



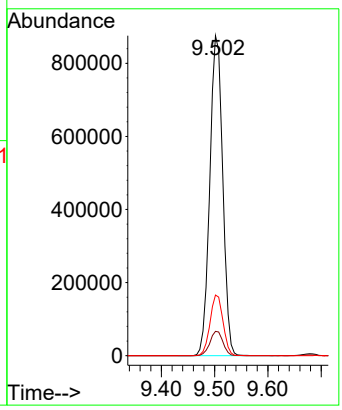


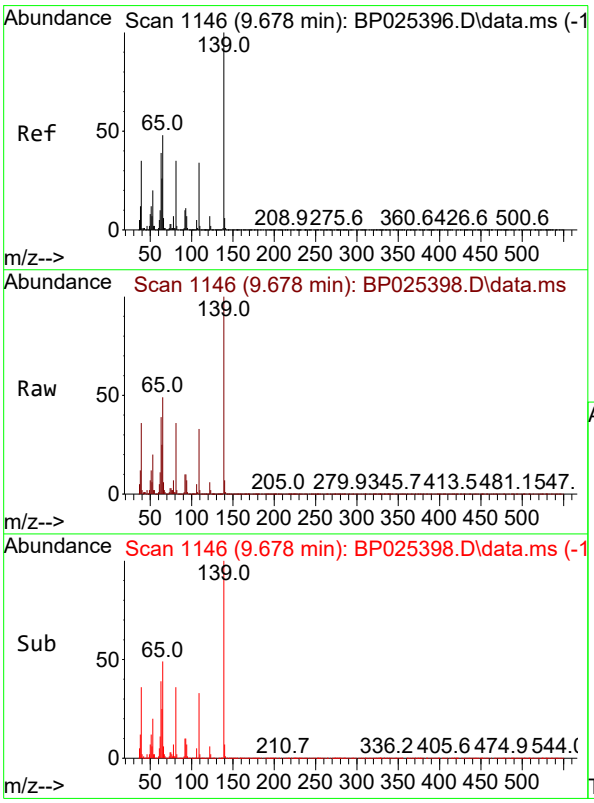
#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1475193

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	19.0	15.4	23.0

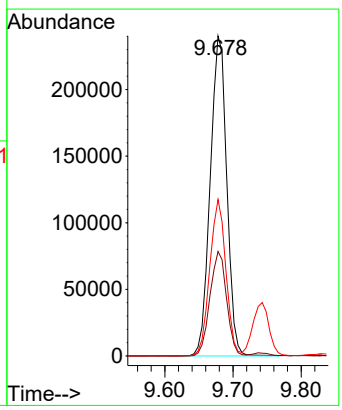


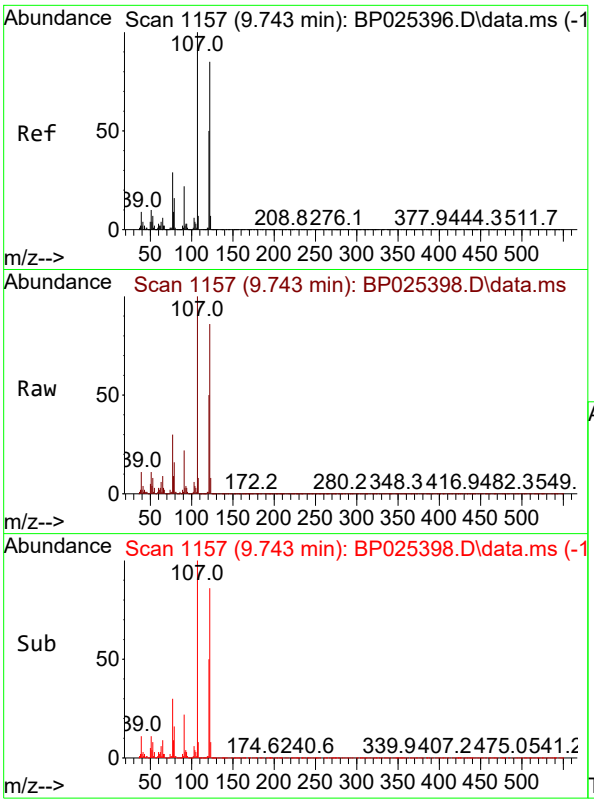


#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 405821

Ion	Ratio	Lower	Upper
139	100		
109	32.7	26.9	40.3
65	48.9	38.3	57.5



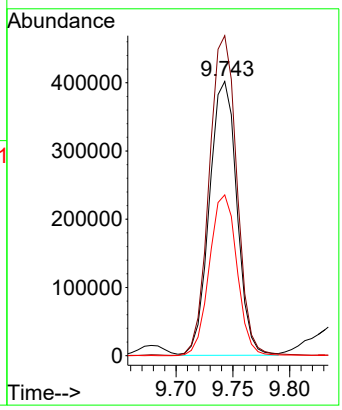


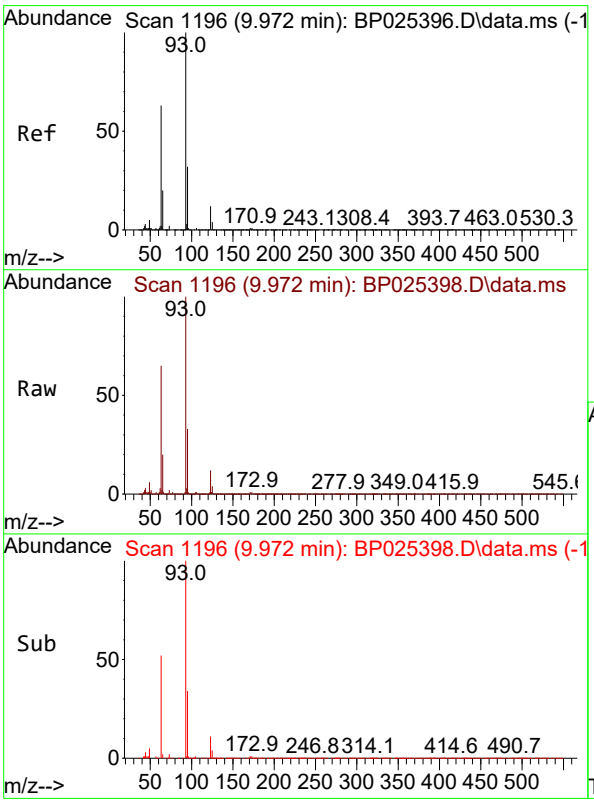
#27
2,4-Dimethylphenol
Concen: 62.463 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 675186

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.7	140.5
121	58.6	46.6	69.8

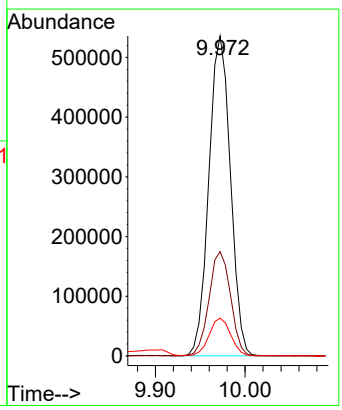


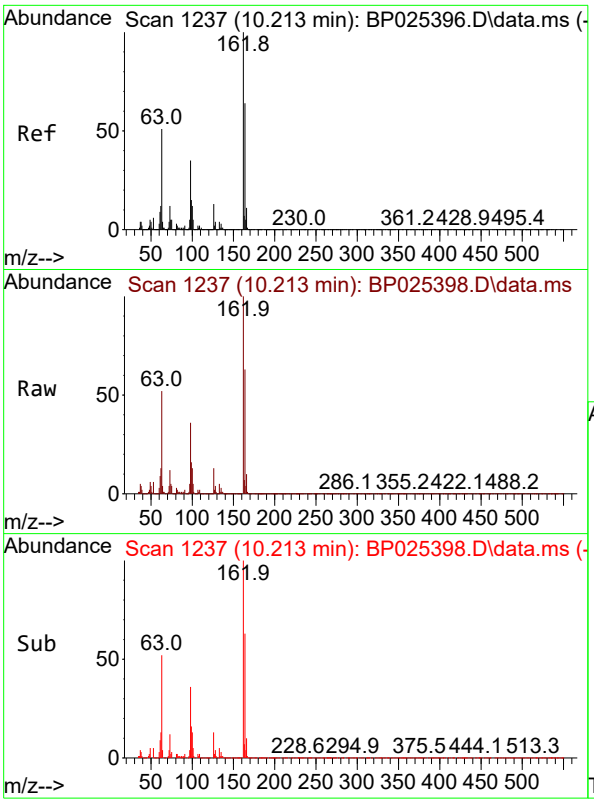


#28
bis(2-Chloroethoxy)methane
Concen: 61.040 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 93 Resp: 894872

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.9	9.4	14.0



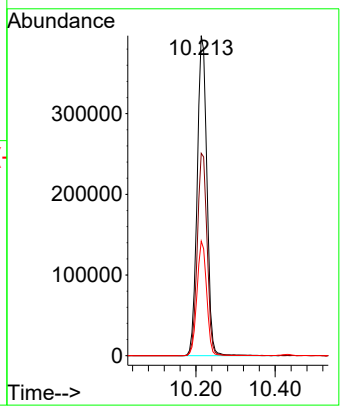


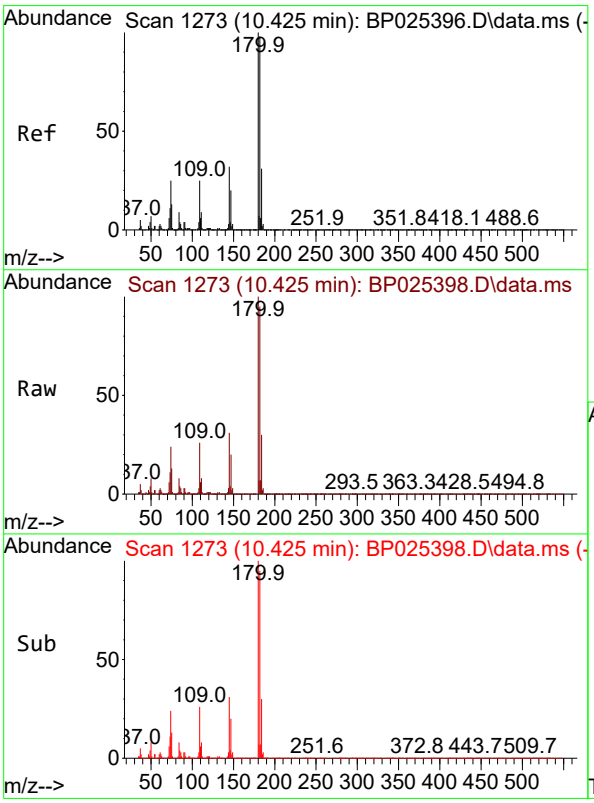
#29
2,4-Dichlorophenol
Concen: 62.764 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 673952

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	35.8	14.9	54.9

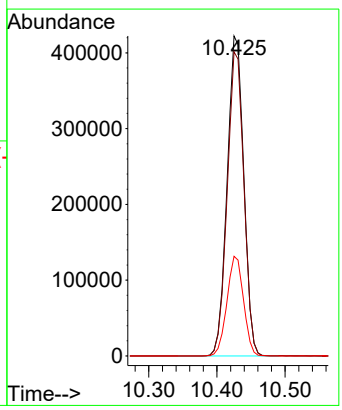


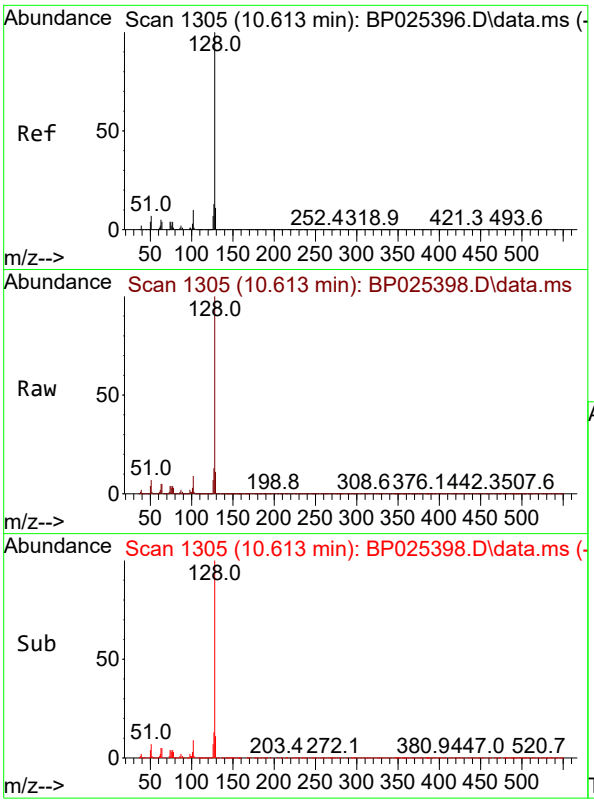


#30
1,2,4-Trichlorobenzene
Concen: 60.823 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:180 Resp: 715954

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.9	38.9



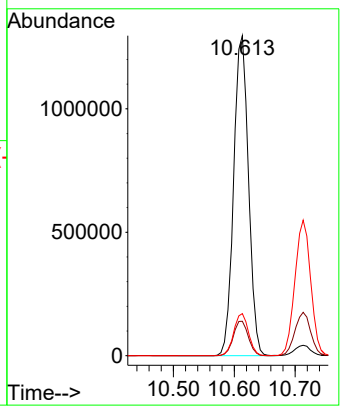


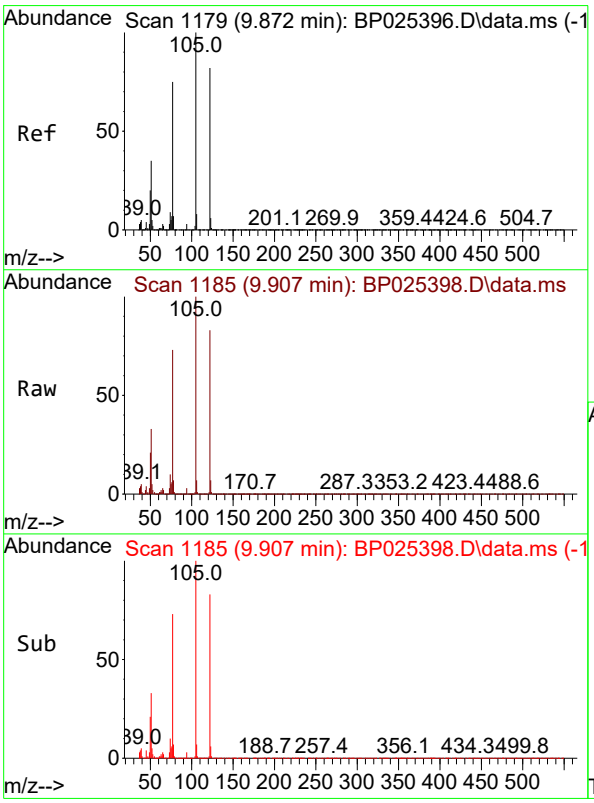
#31
Naphthalene
Concen: 60.722 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2187912

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.7	16.1

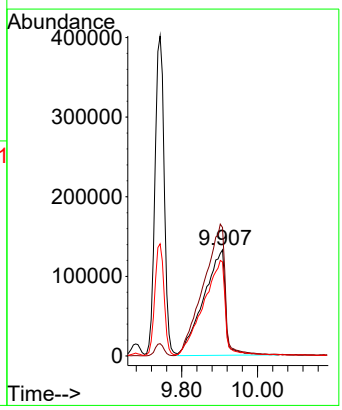


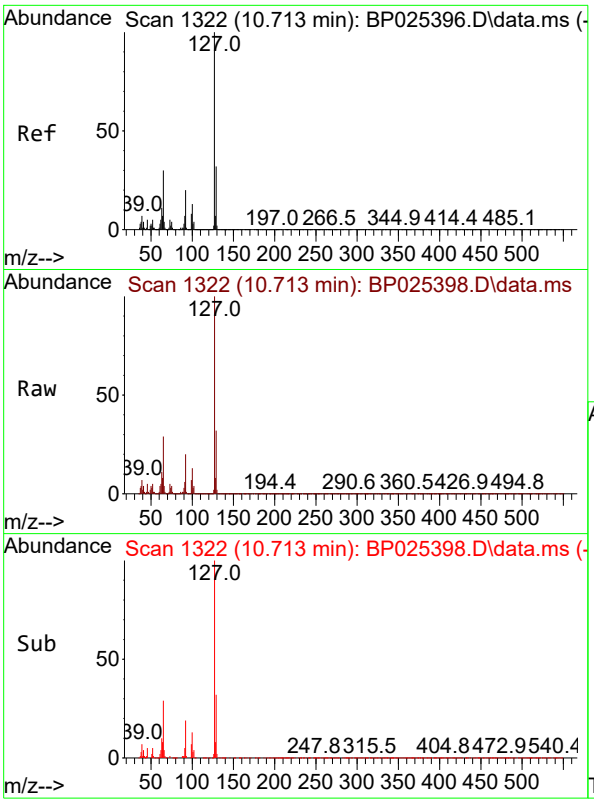


#32
Benzoic acid
Concen: 66.651 ng
RT: 9.907 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:122 Resp: 530609

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	88.6	71.5	111.5



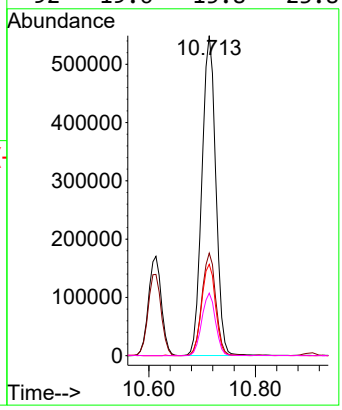


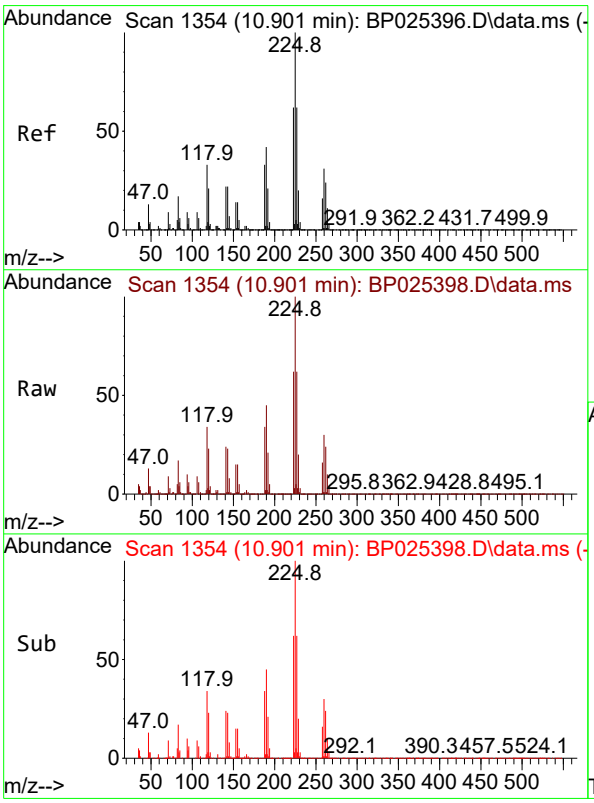
#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 993155

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8

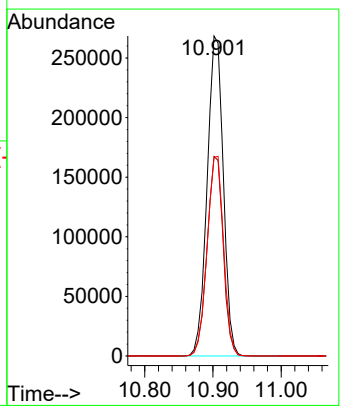


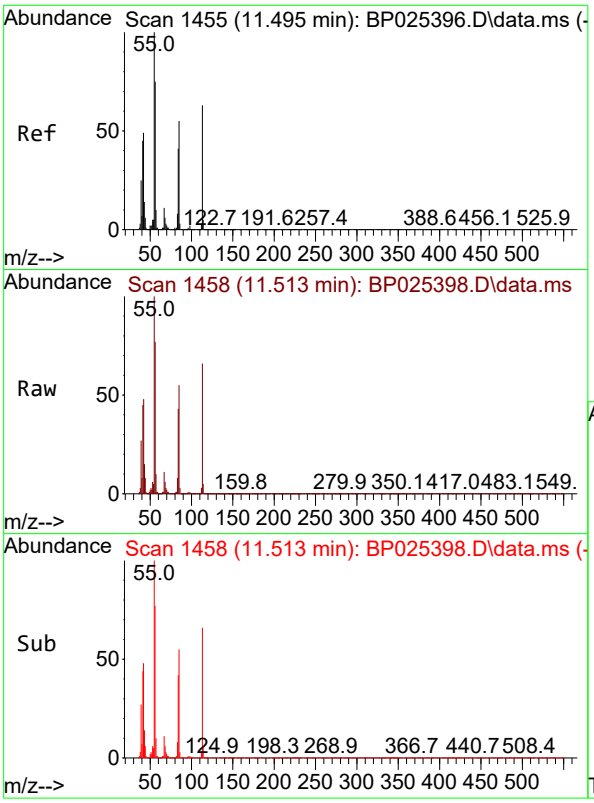


#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:225 Resp: 442929

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5



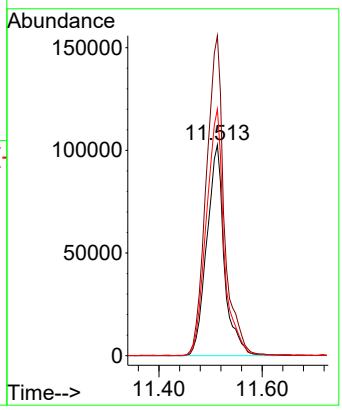


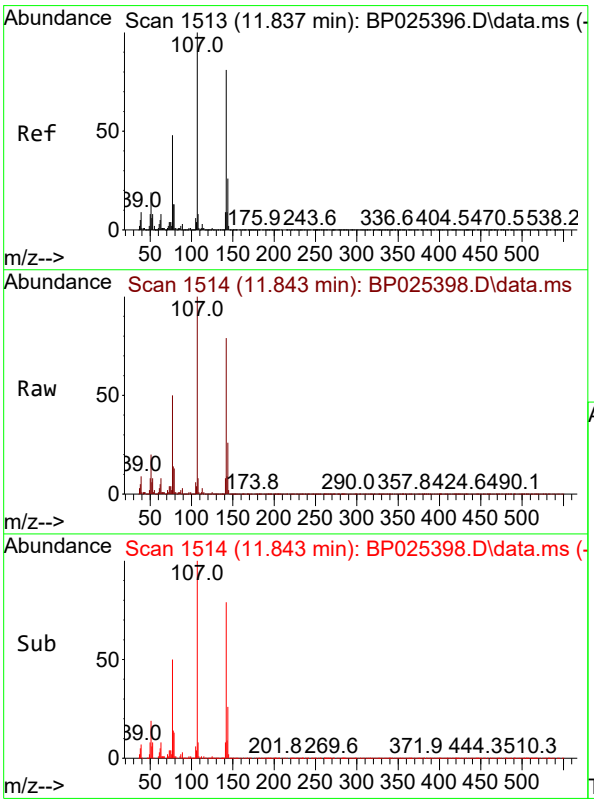
#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 241521

Ion	Ratio	Lower	Upper
113	100		
55	151.8	140.0	180.0
56	117.0	100.0	140.0

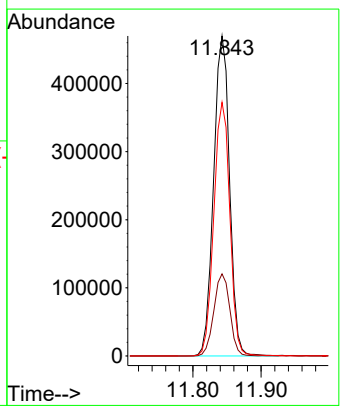


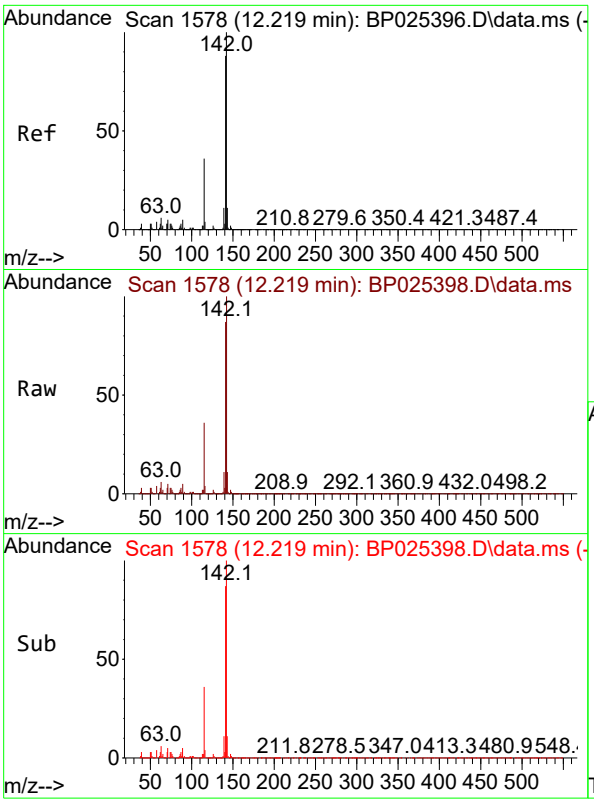


#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	79.2	64.6	97.0



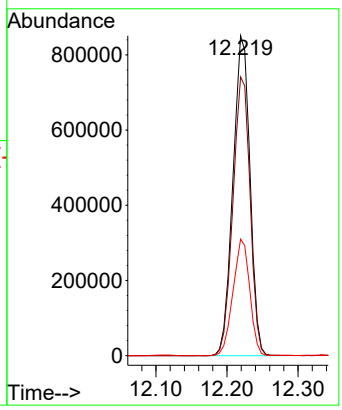


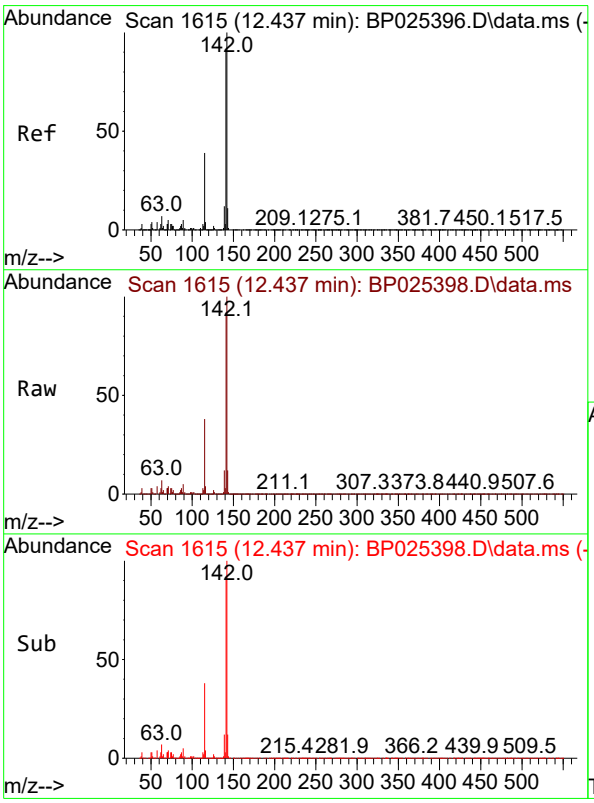
#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1418882

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	36.5	28.9	43.3

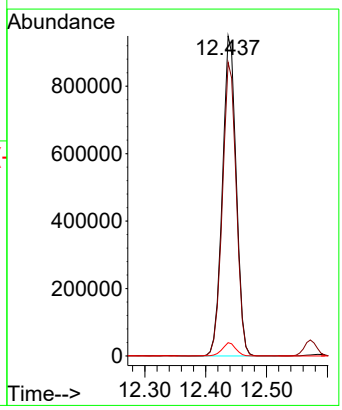


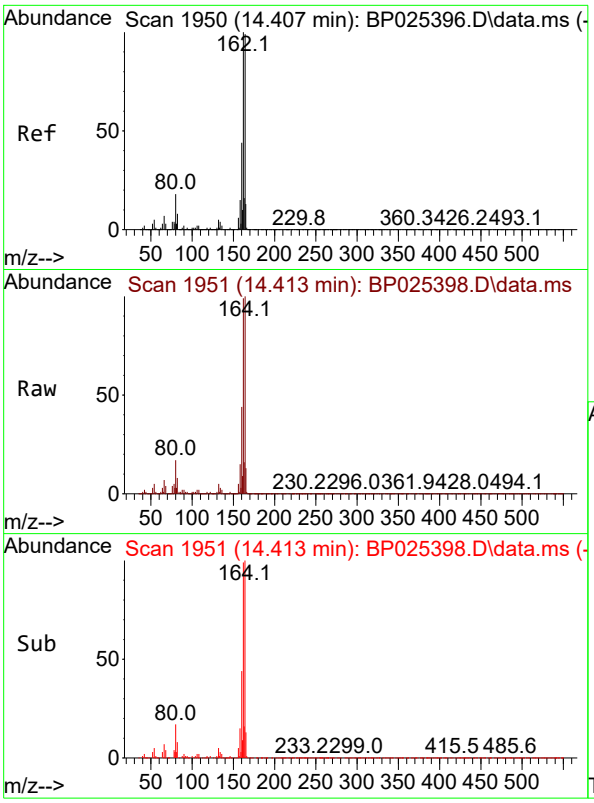


#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.1	109.7
116	4.1	3.2	4.8



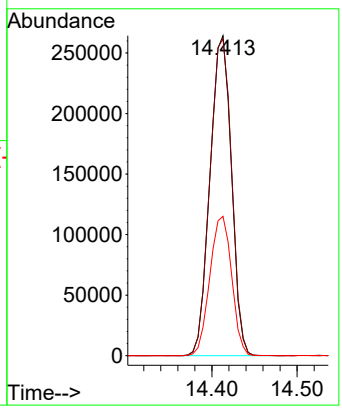


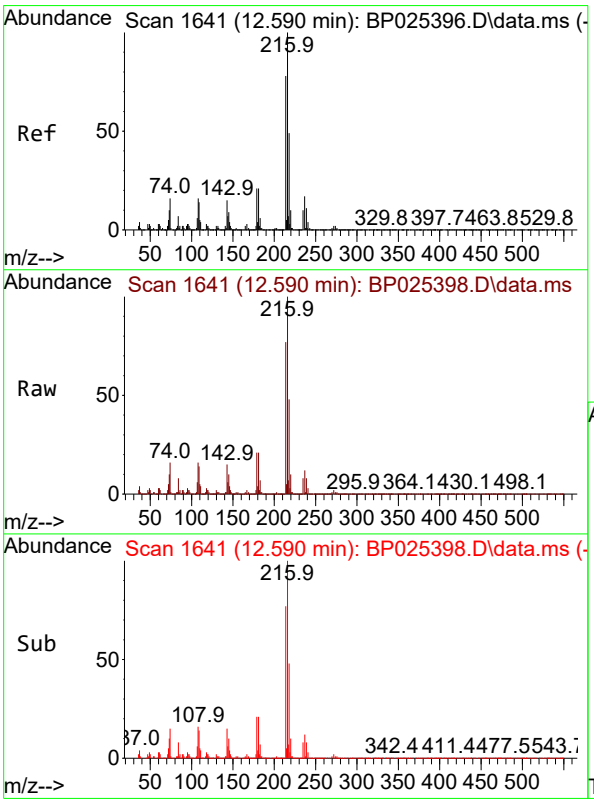
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 460439

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	43.6	35.4	53.2

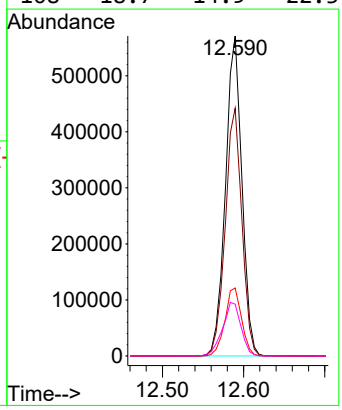


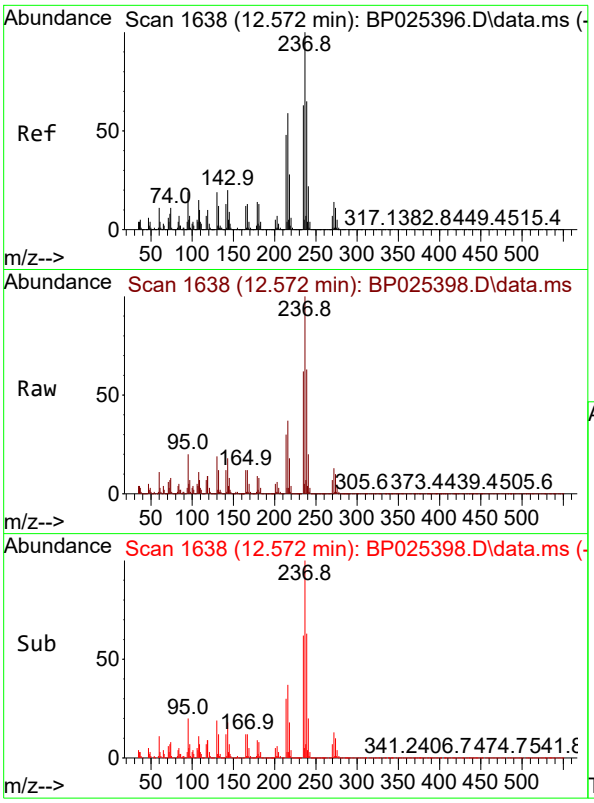


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.365 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.6	17.1	25.7
108	18.7	14.9	22.3



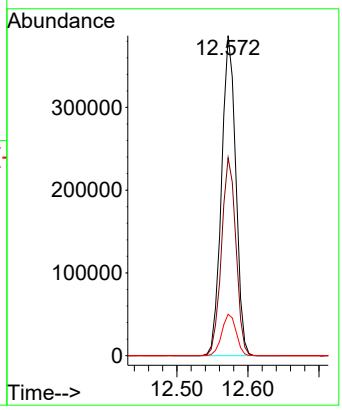


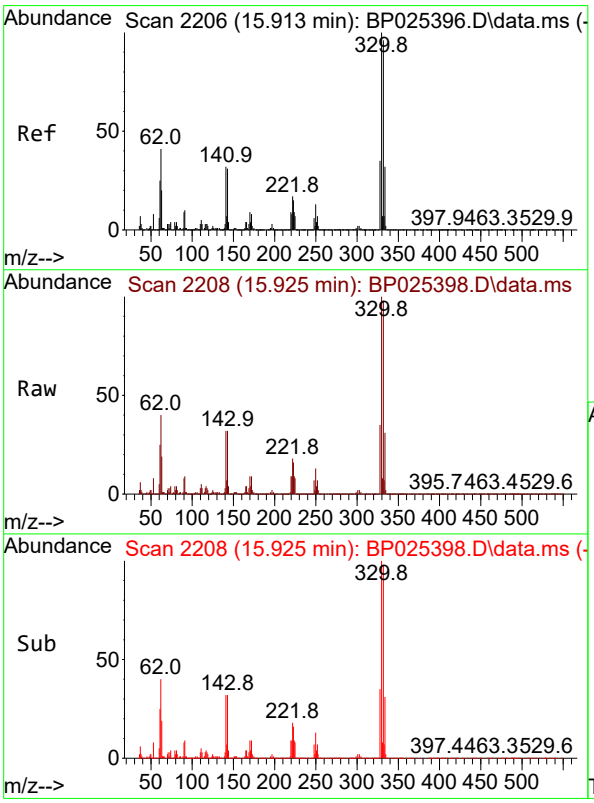
#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 536440

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	13.0	0.0	34.0

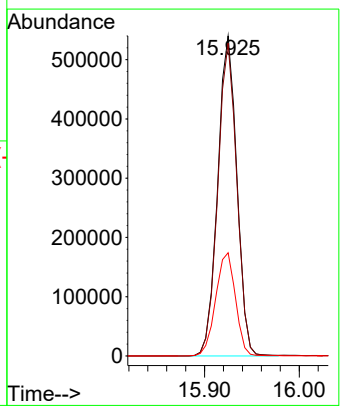


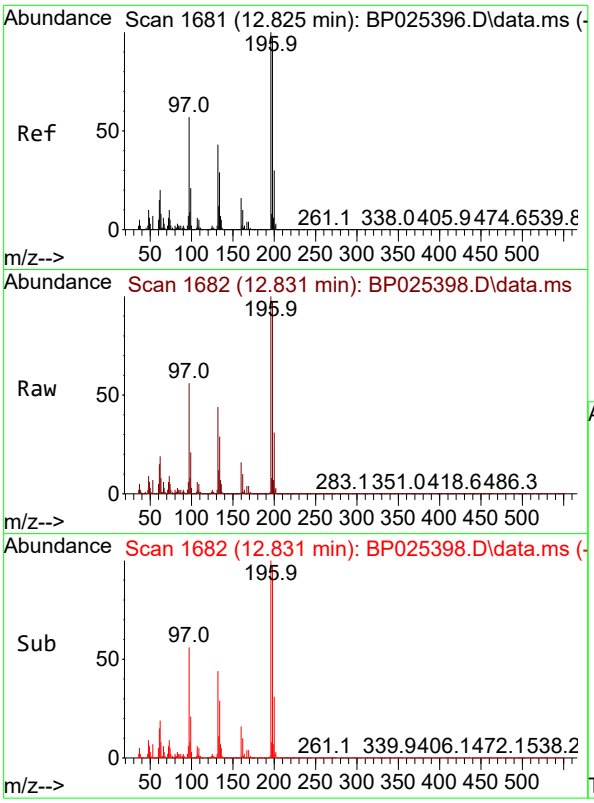


#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:330 Resp: 760738

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.3	26.6	39.8



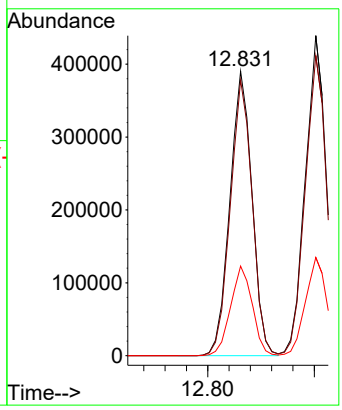


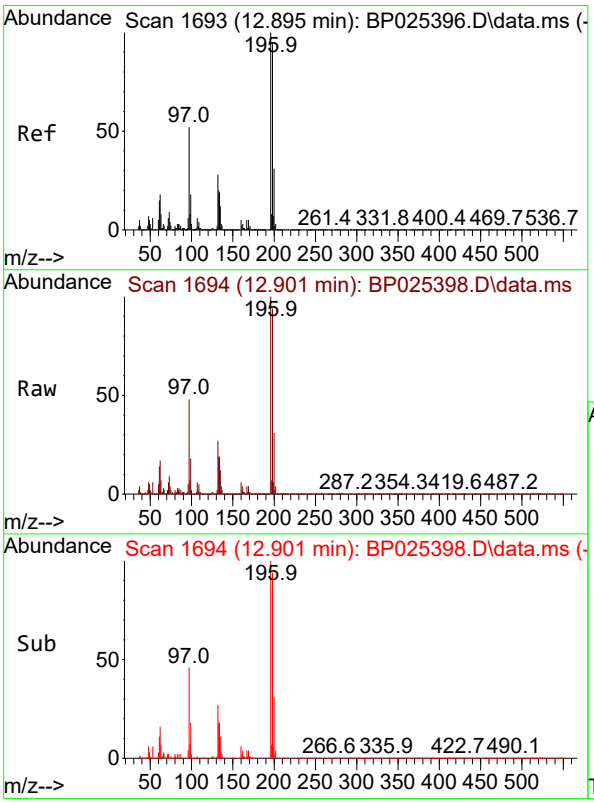
#43
2,4,6-Trichlorophenol
Concen: 62.841 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 564165

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
200	31.5	23.9	35.9

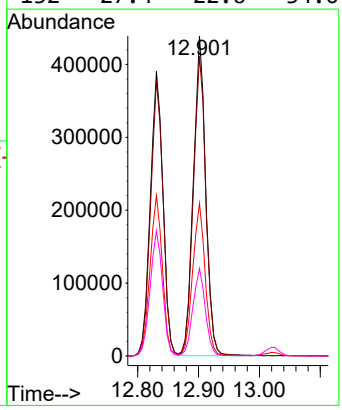


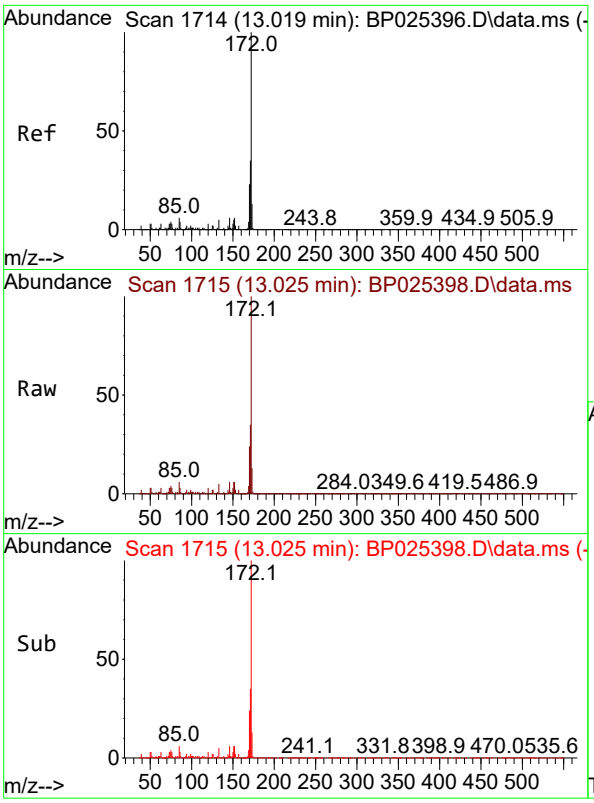


#44
2,4,5-Trichlorophenol
Concen: 62.937 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
97	47.7	41.2	61.8
132	27.4	22.6	34.0



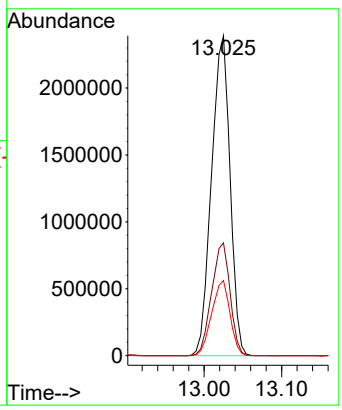


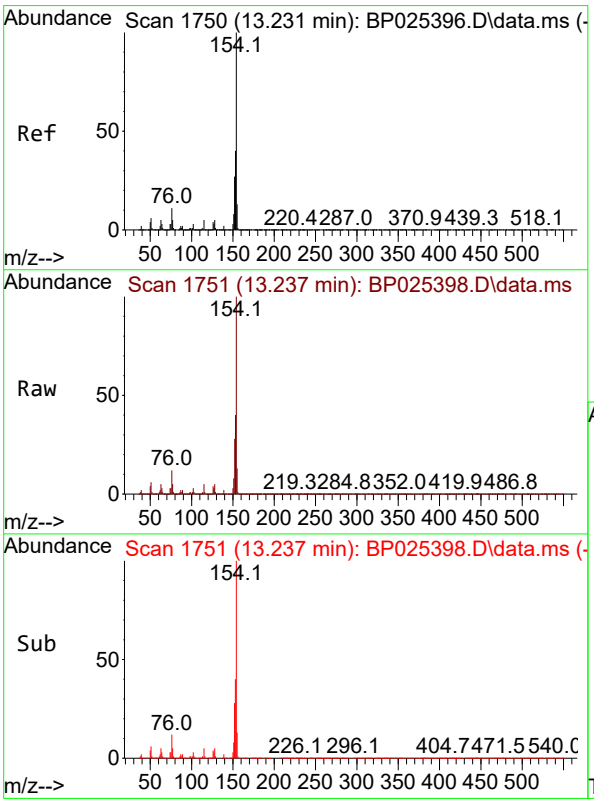
#45
2-Fluorobiphenyl
Concen: 117.656 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 3963871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0

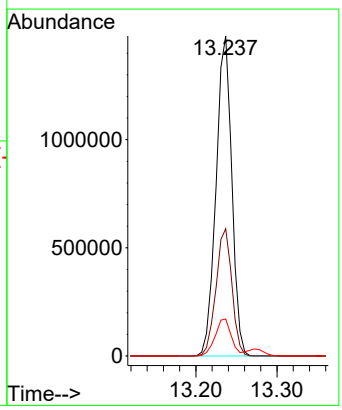


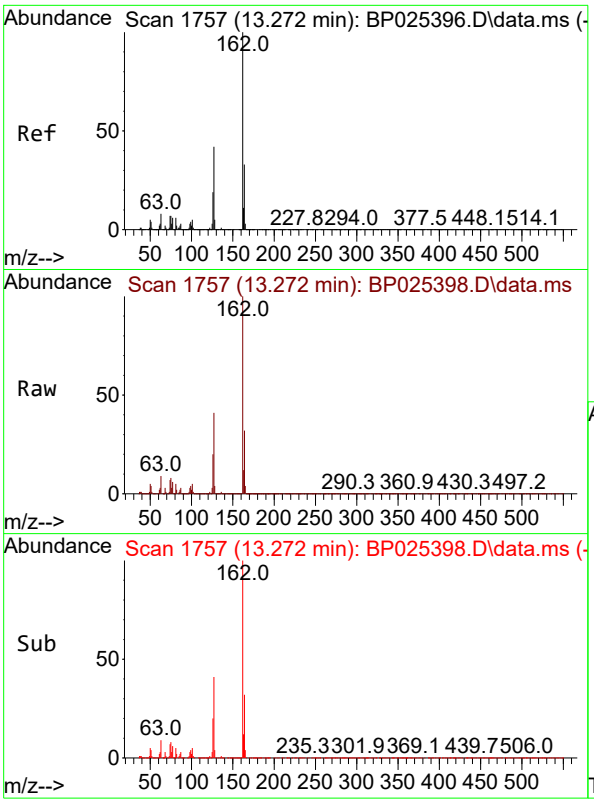


#46
1,1'-Biphenyl
Concen: 59.695 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1996186

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.5	59.5
76	11.6	0.0	31.1



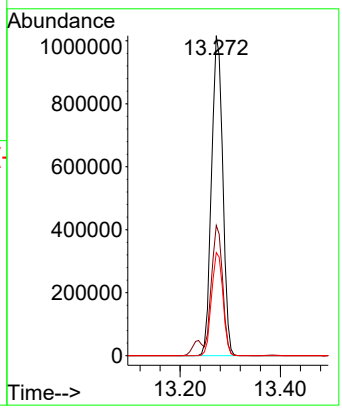


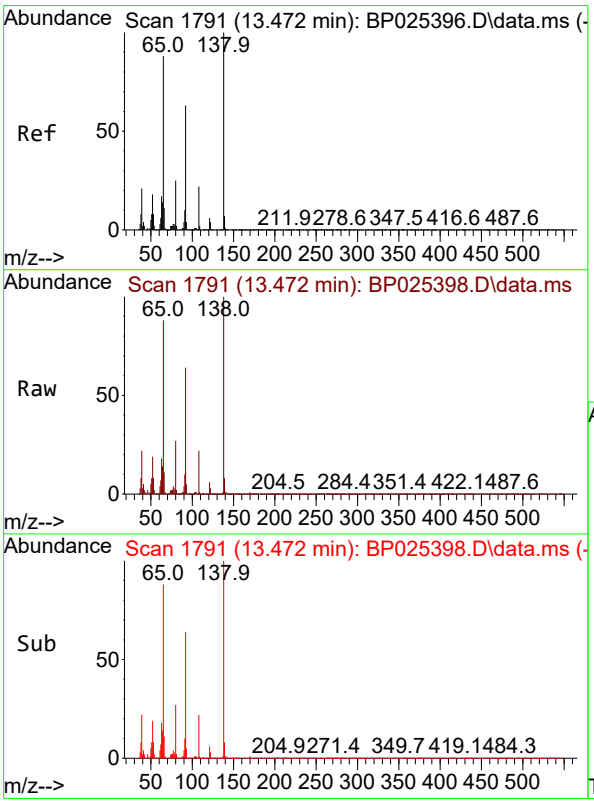
#47
2-Chloronaphthalene
Concen: 60.600 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1577577

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.4	50.2
164	32.2	26.2	39.2

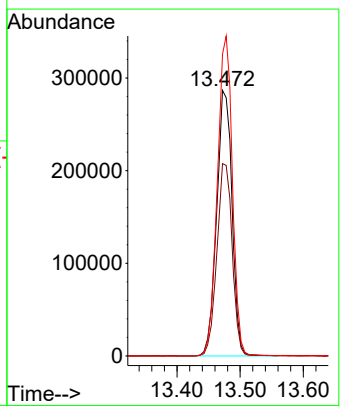


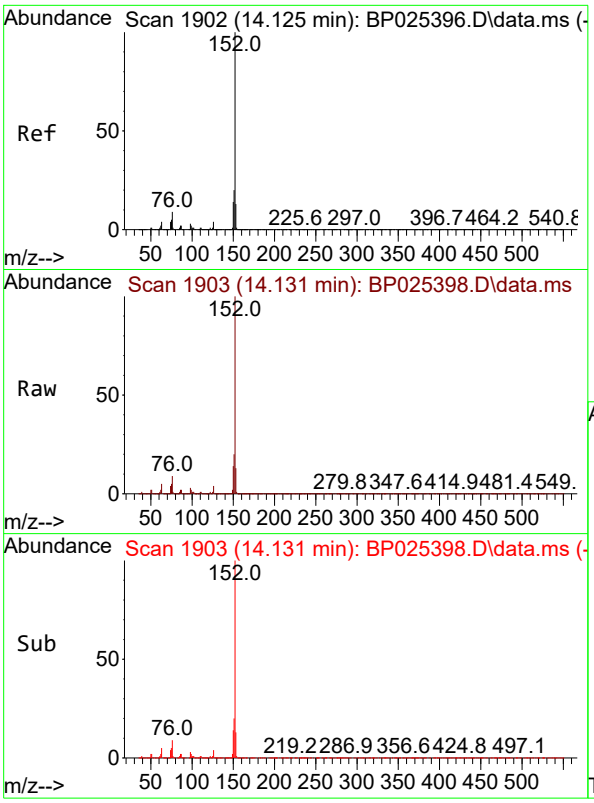


#48
2-Nitroaniline
Concen: 63.996 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 65 Resp: 485429

Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.6	86.4
138	113.7	91.0	136.6



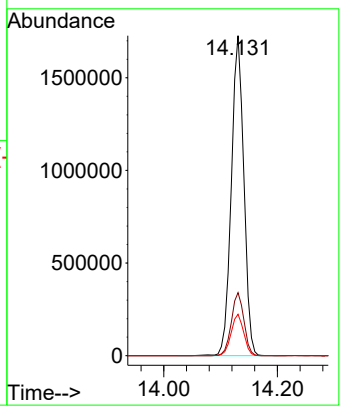


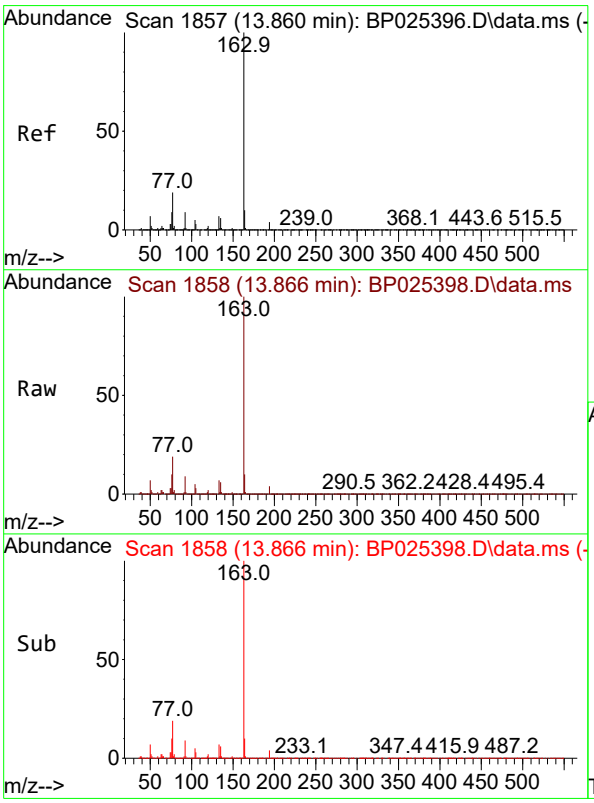
#49
Acenaphthylene
Concen: 61.147 ng
RT: 14.131 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 2634005

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.6	15.8

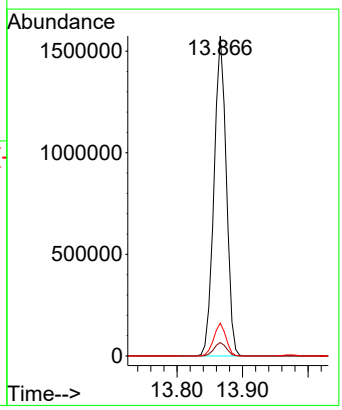


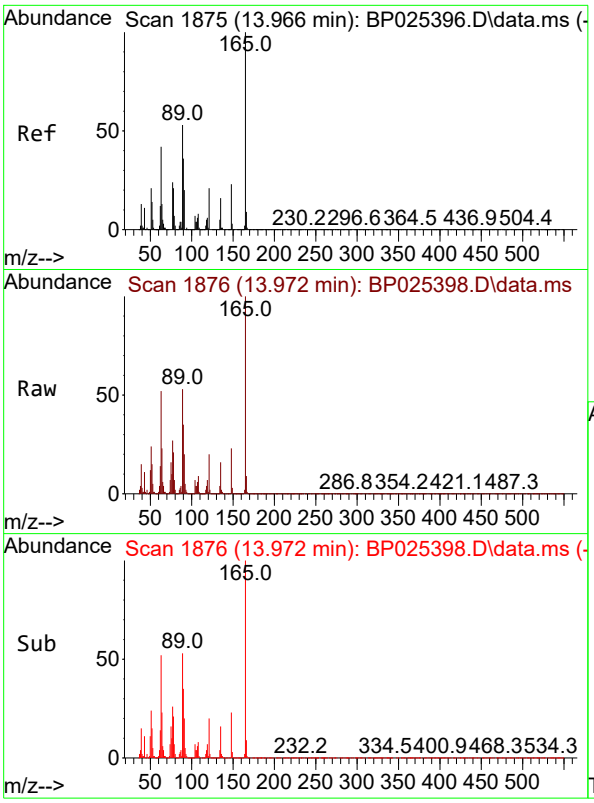


#50
Dimethylphthalate
Concen: 60.572 ng
RT: 13.866 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:163 Resp: 2042324

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	7.9	11.9



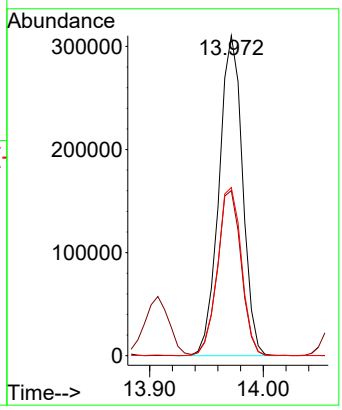


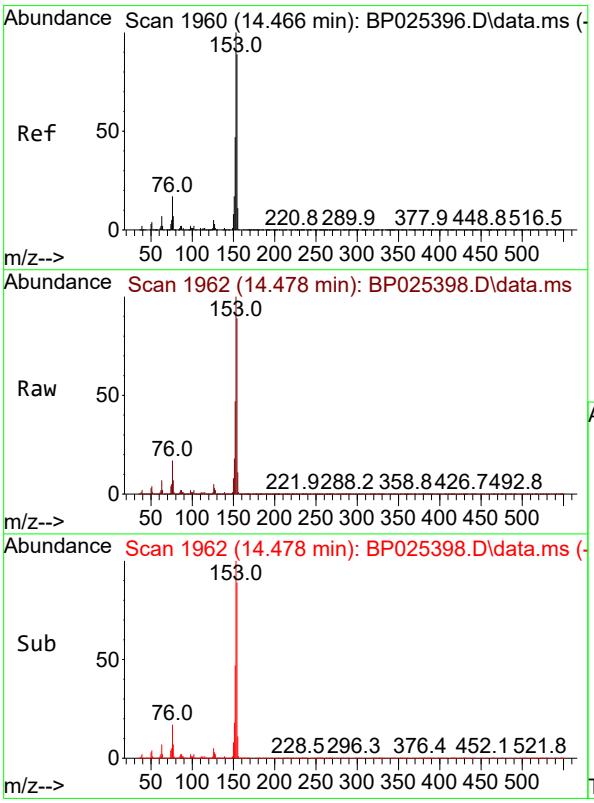
#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 446520

Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.9	61.3
89	52.5	42.1	63.1

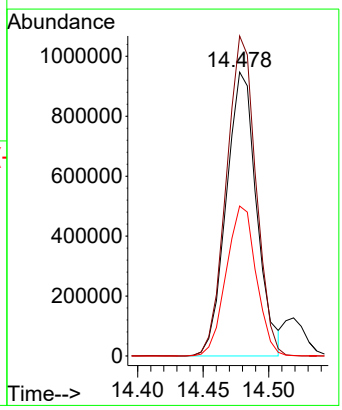


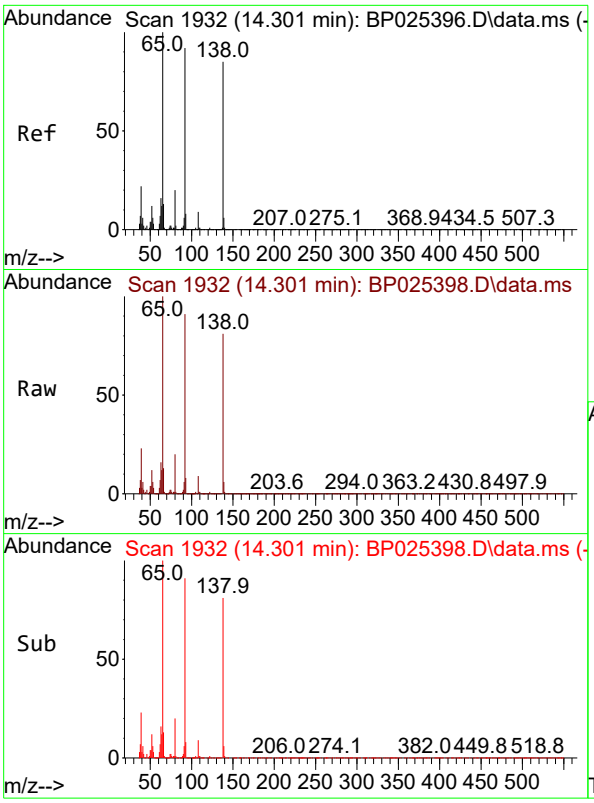


#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	52.8	42.1	63.1



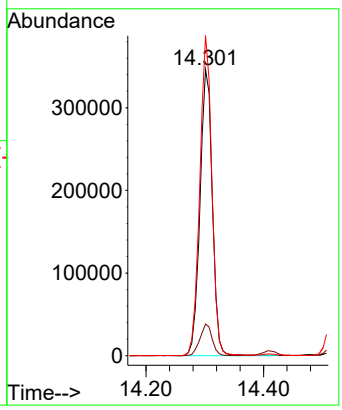


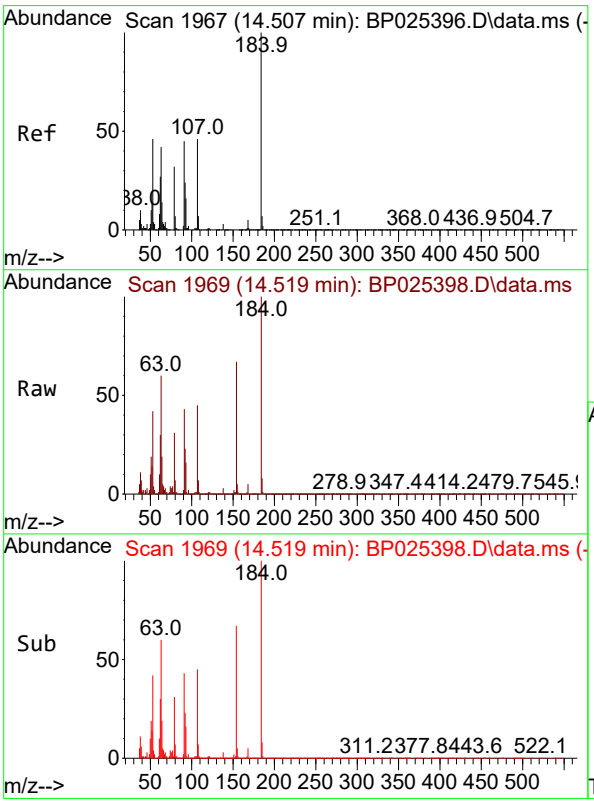
#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 506373

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	111.9	86.2	129.2

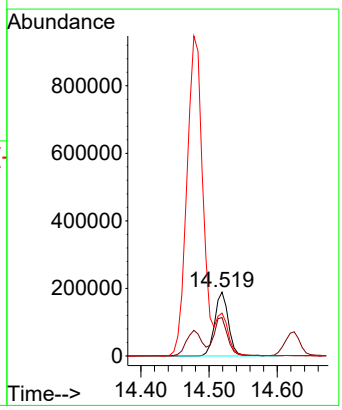


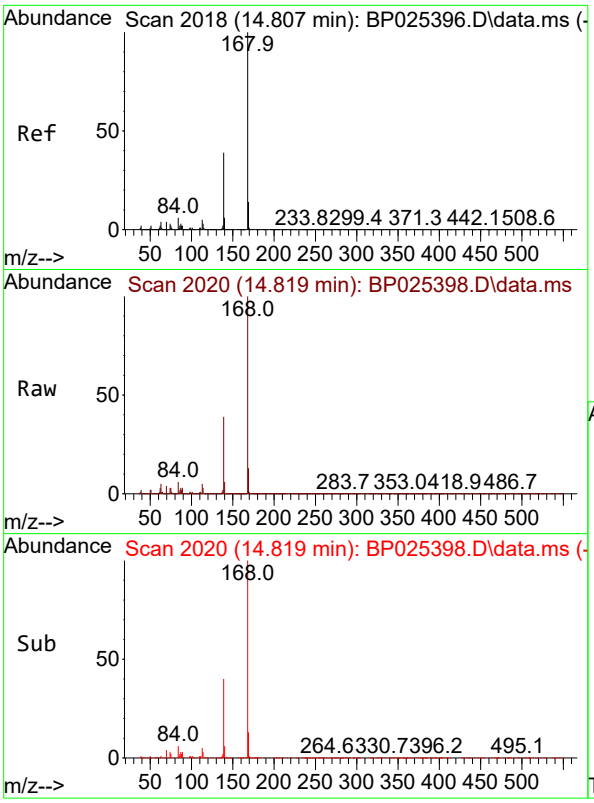


#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089

Ion	Ratio	Lower	Upper
184	100		
63	60.1	49.4	74.2
154	67.3	54.6	82.0



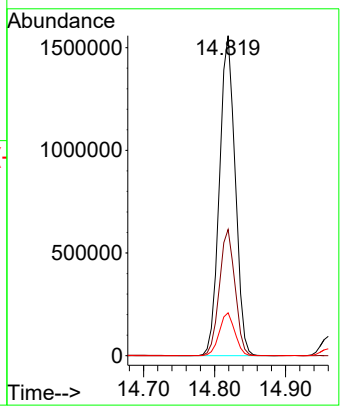


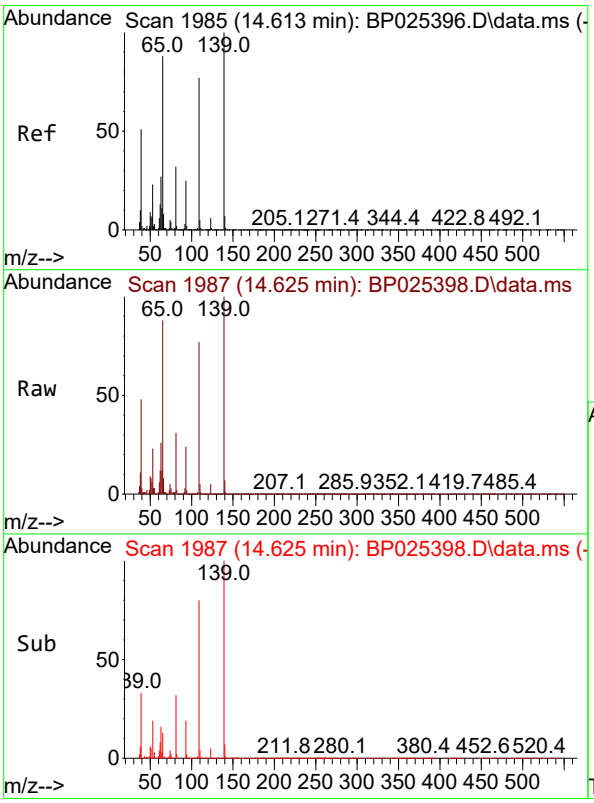
#55
Dibenzofuran
Concen: 59.734 ng
RT: 14.819 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 2387933

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.5	47.3
169	13.4	10.9	16.3

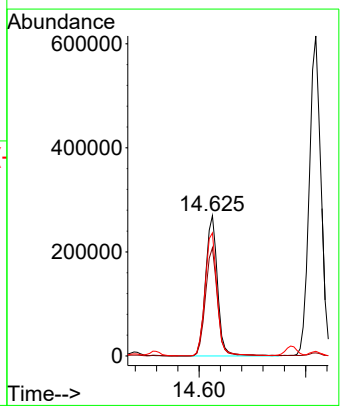


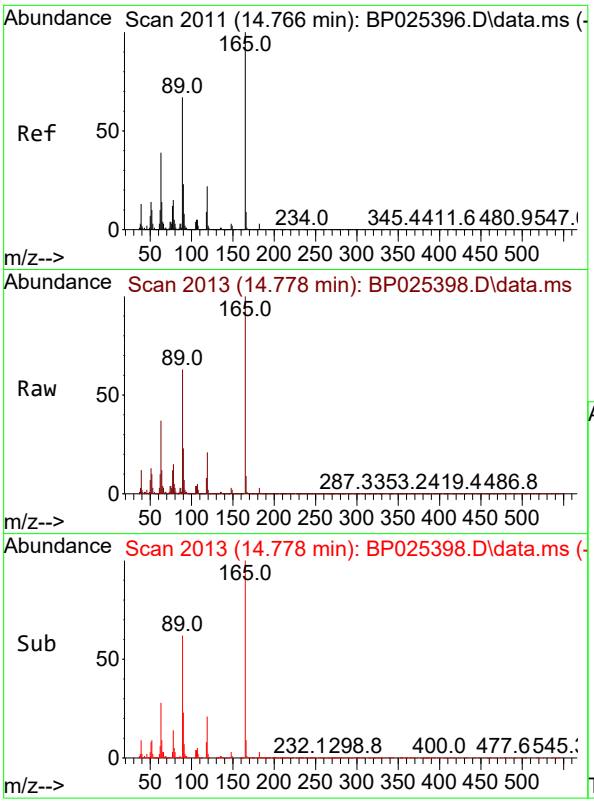


#56
4-Nitrophenol
Concen: 63.893 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:139 Resp: 419801

Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.6	96.6
65	87.6	68.2	108.2



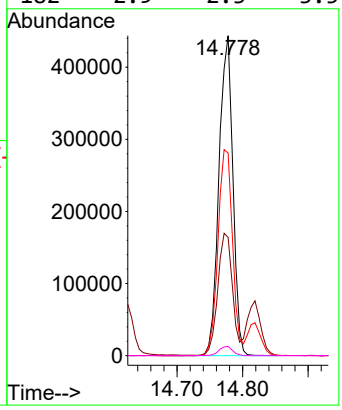


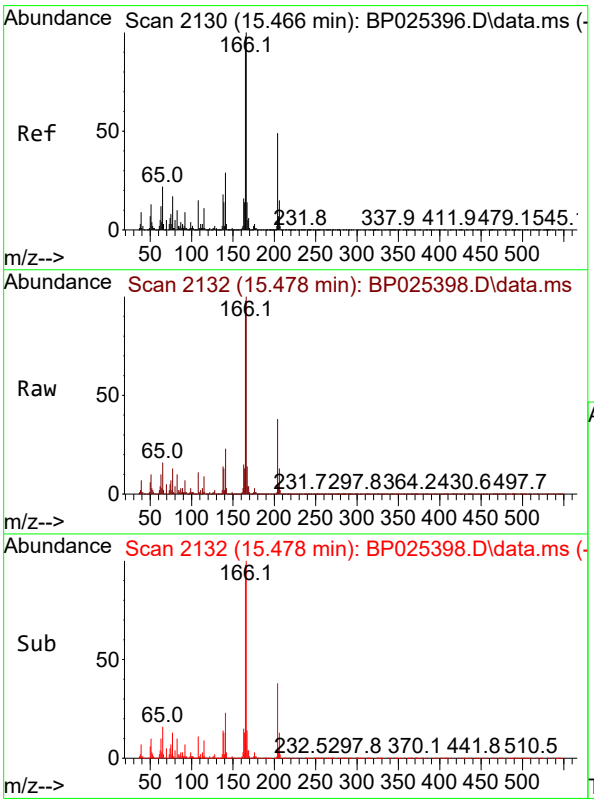
#57
2,4-Dinitrotoluene
Concen: 64.112 ng
RT: 14.778 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 650054

Ion	Ratio	Lower	Upper
165	100		
63	37.0	31.4	47.2
89	63.3	53.3	79.9
182	2.9	2.3	3.5

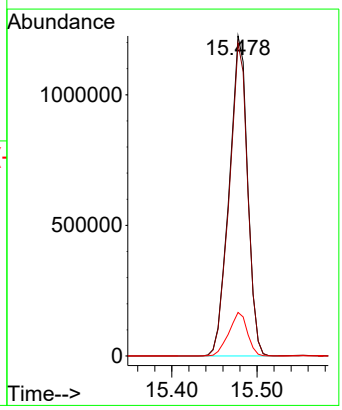


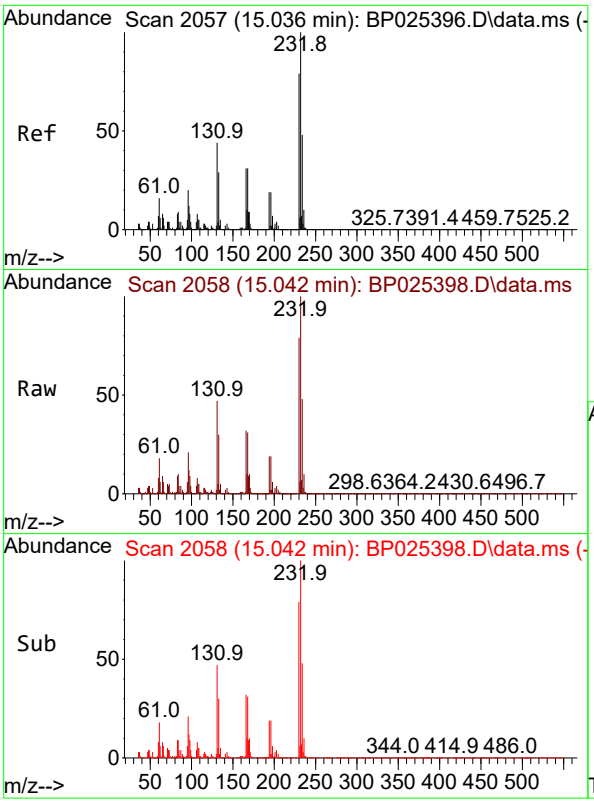


#58
Fluorene
Concen: 58.236 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:166 Resp: 1836972

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4



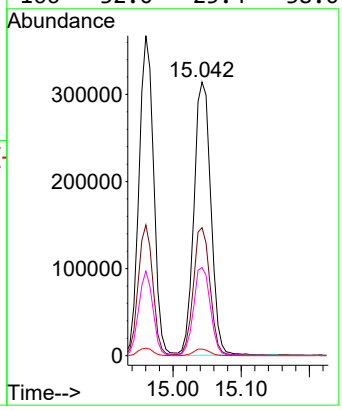


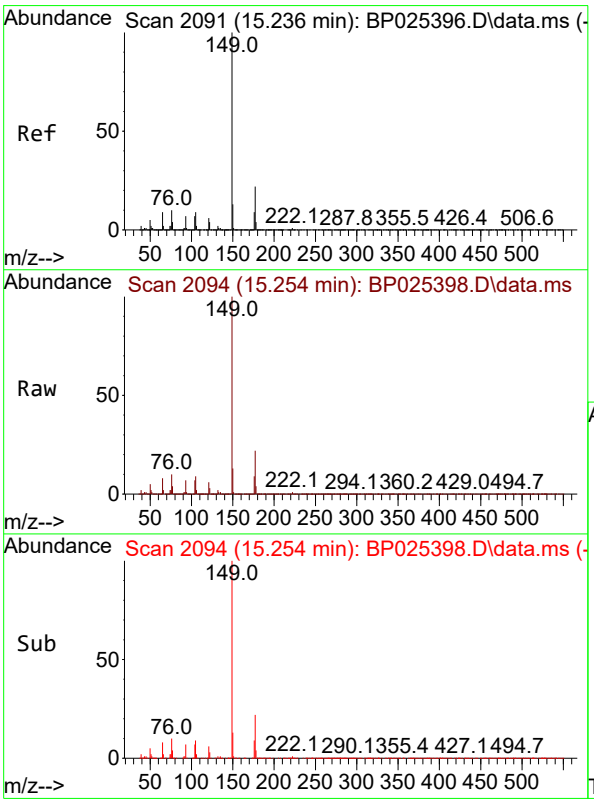
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.307 ng
RT: 15.042 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 541317

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.0	55.6
130	2.4	1.9	2.9
166	32.0	25.4	38.0

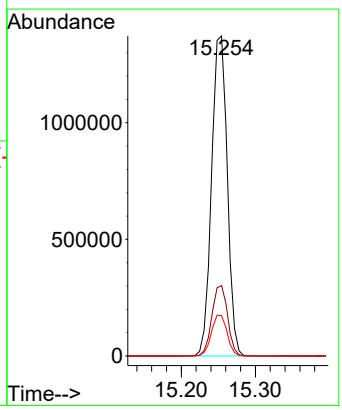


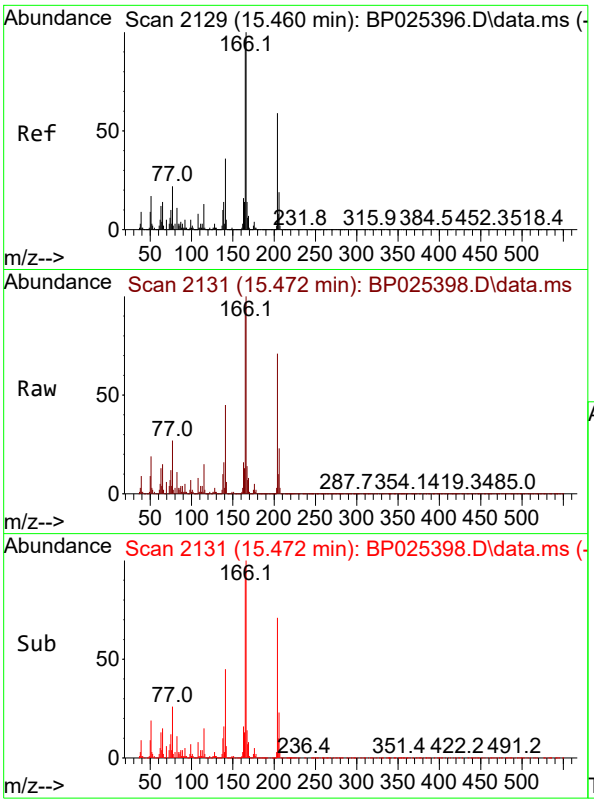


#60
Diethylphthalate
Concen: 58.840 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2015888

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5



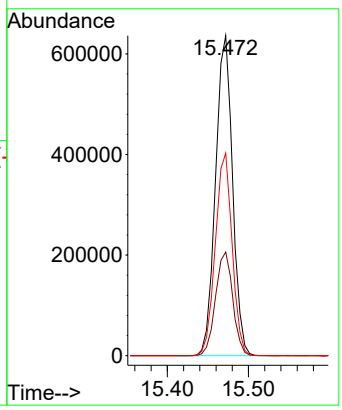


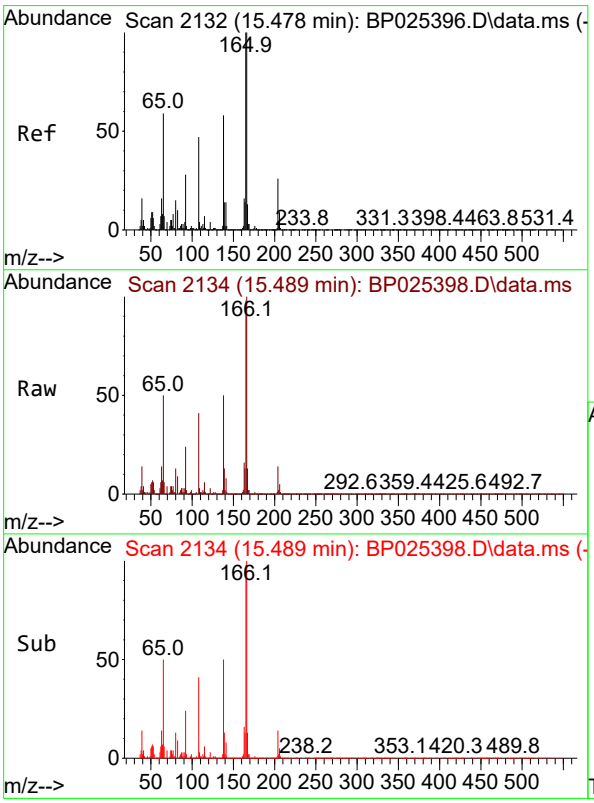
#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 926280

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.8
141	63.3	49.4	74.2

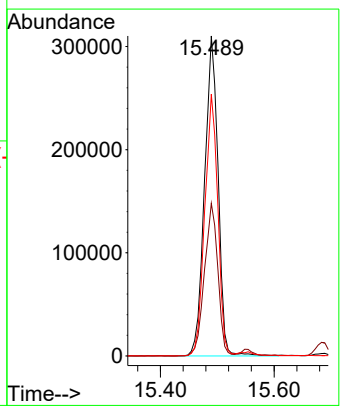


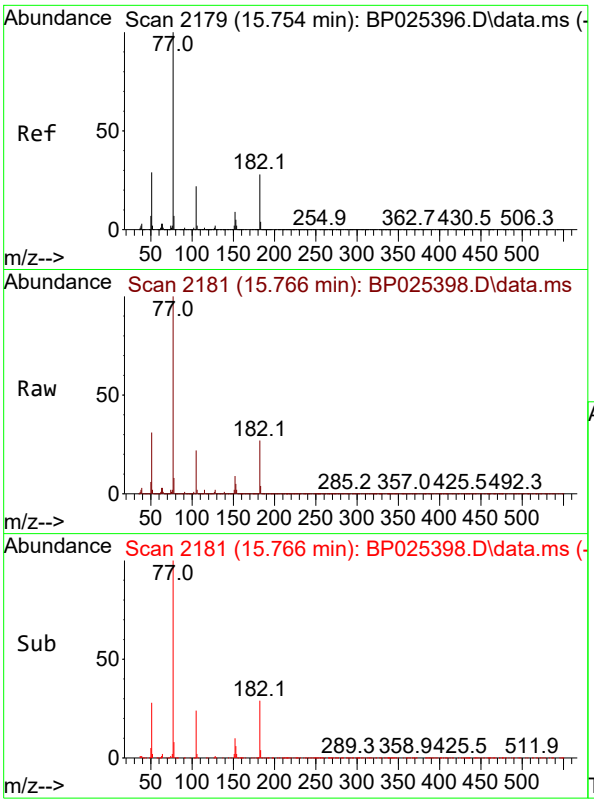


#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438

Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.1	69.1
108	81.8	61.5	101.5



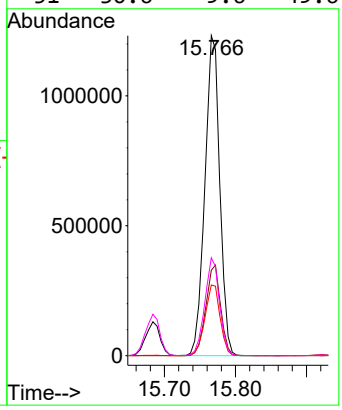


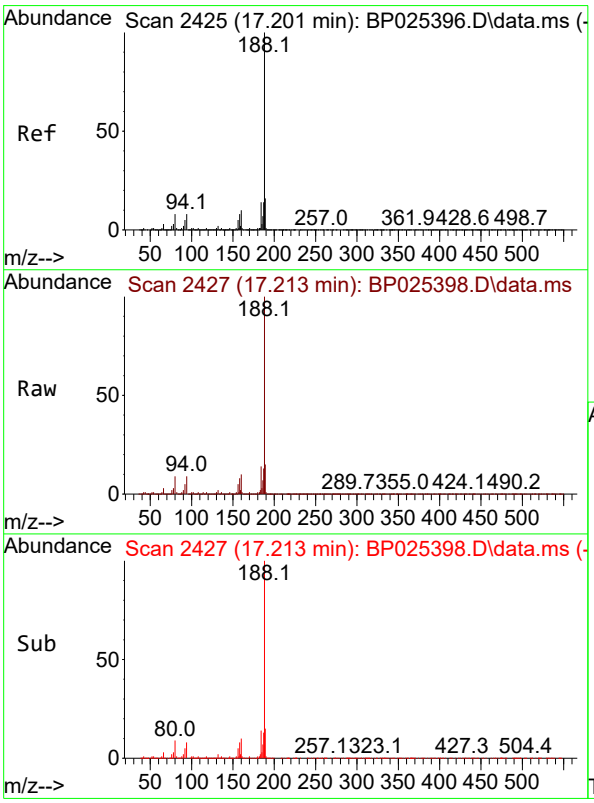
#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1796580

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.5	47.5
105	22.1	2.1	42.1
51	30.6	9.6	49.6

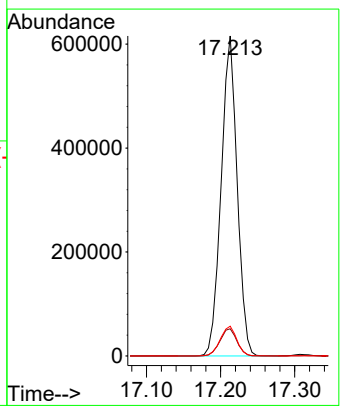


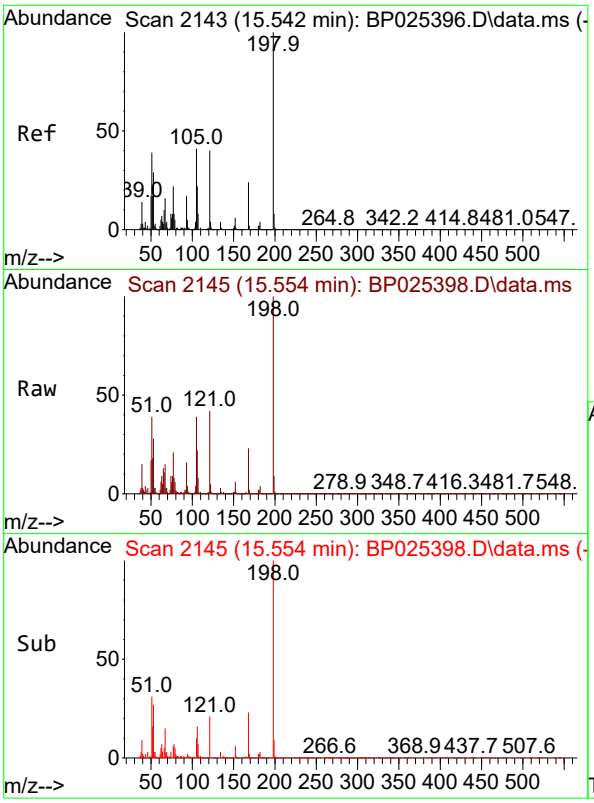


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:188 Resp: 923402

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.3	6.7	10.1



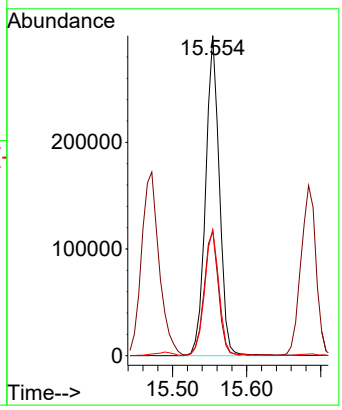


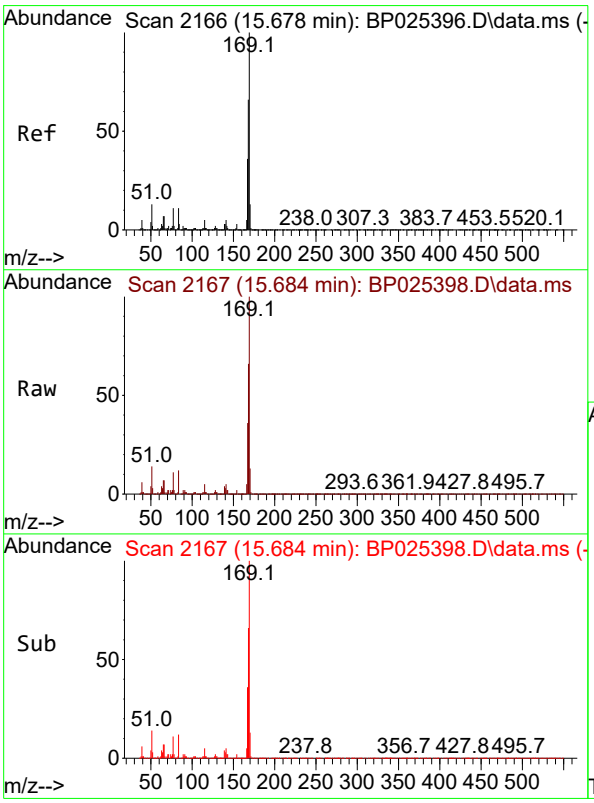
#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 385873

Ion	Ratio	Lower	Upper
198	100		
51	38.9	19.6	59.6
105	39.4	20.9	60.9

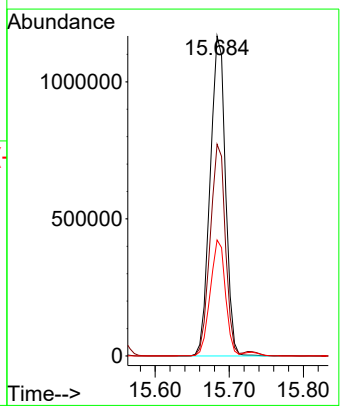


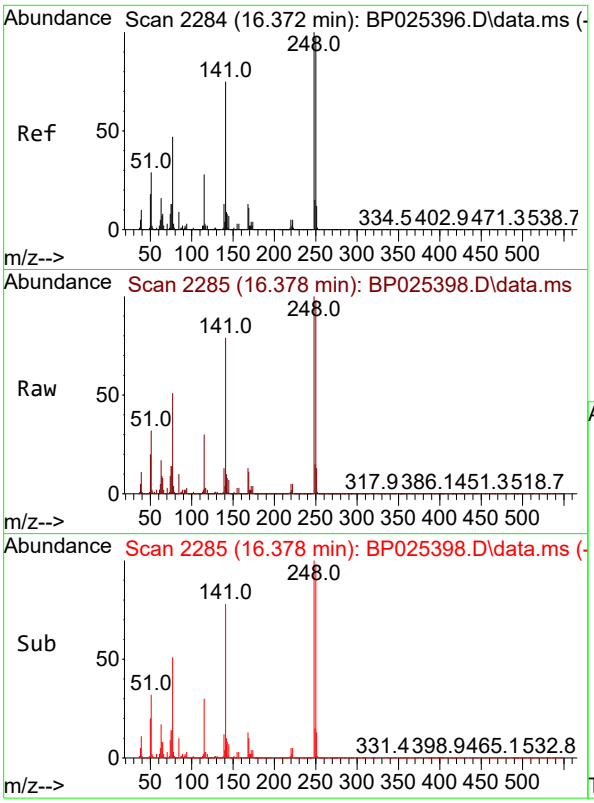


#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.2	79.8
167	36.3	28.7	43.1



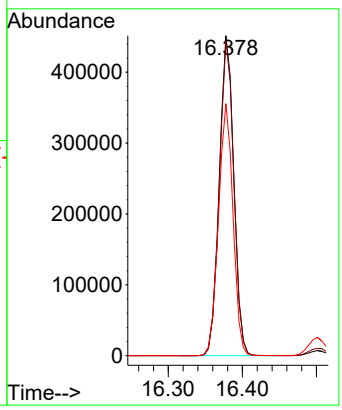


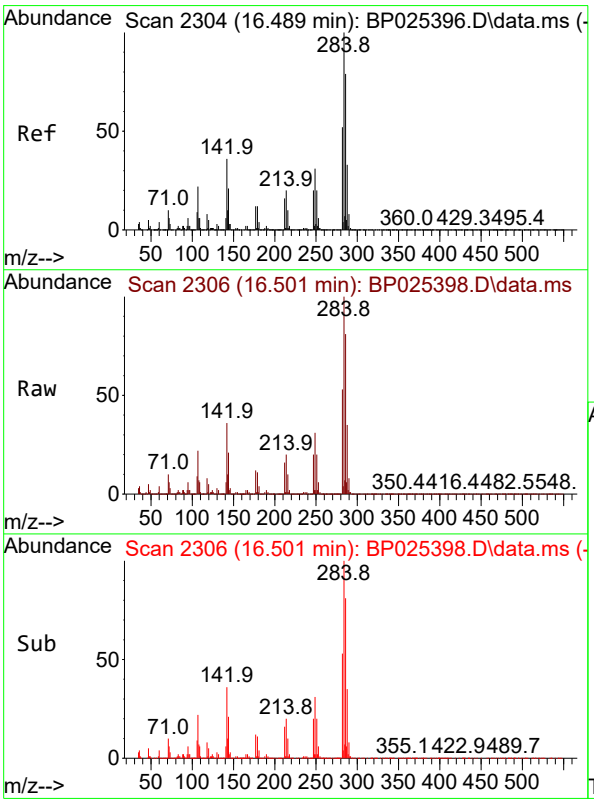
#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 616767

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.2
141	78.7	59.6	89.4

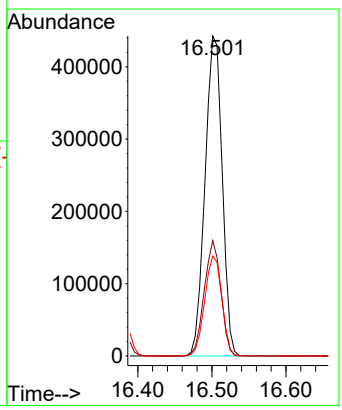


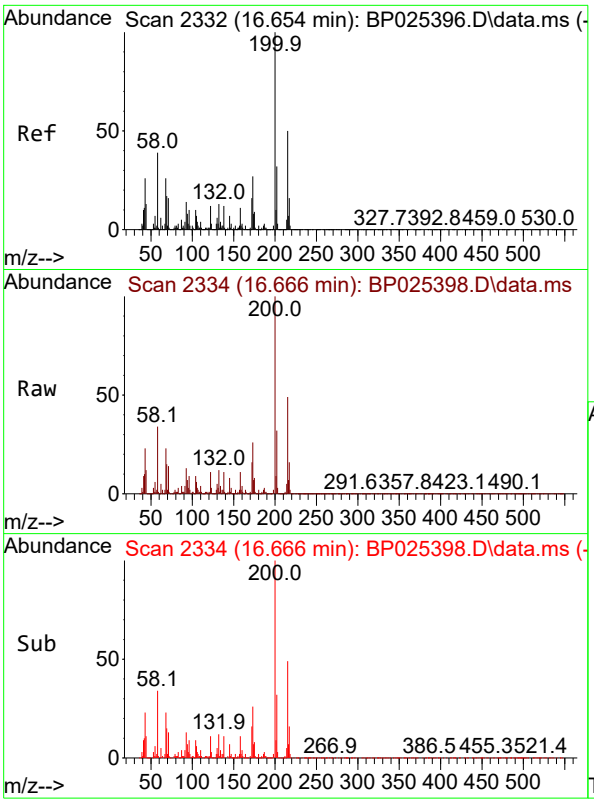


#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778

Ion	Ratio	Lower	Upper
284	100		
142	36.1	29.1	43.7
249	31.3	25.0	37.4



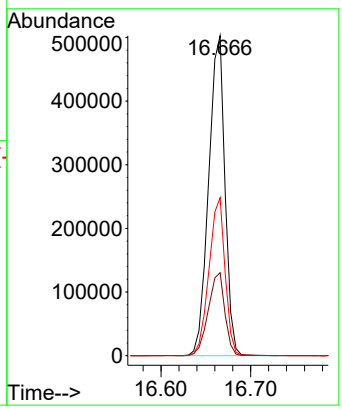


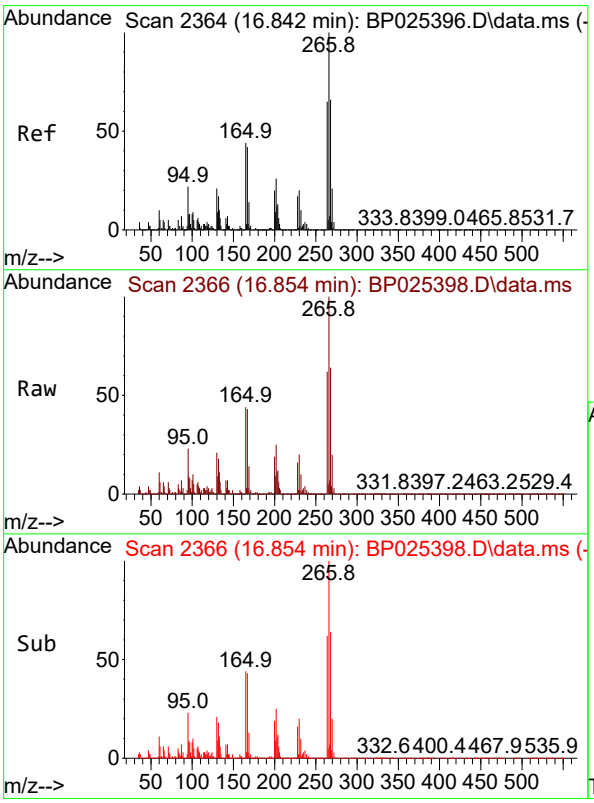
#69
Atrazine
Concen: 60.063 ng
RT: 16.666 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 633381

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	49.4	29.7	69.7

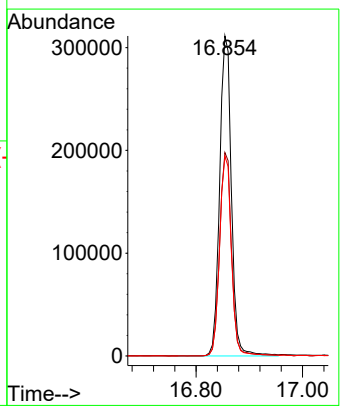


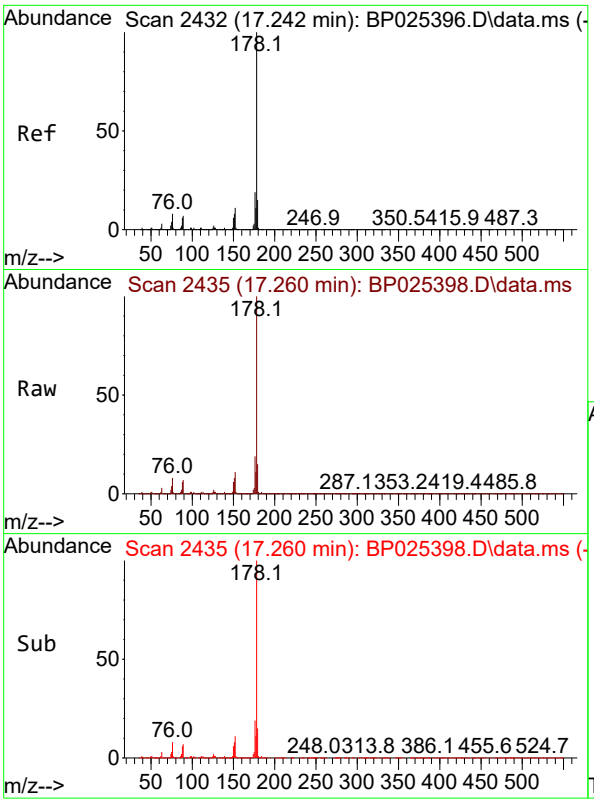


#70
Pentachlorophenol
Concen: 63.820 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:266 Resp: 474276

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.6	79.0
264	62.4	52.0	78.0



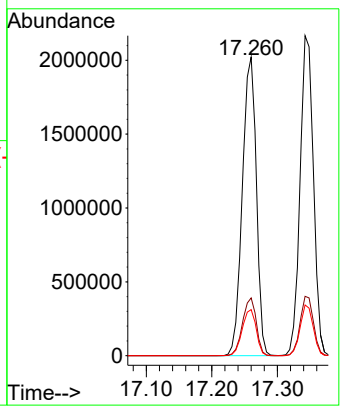


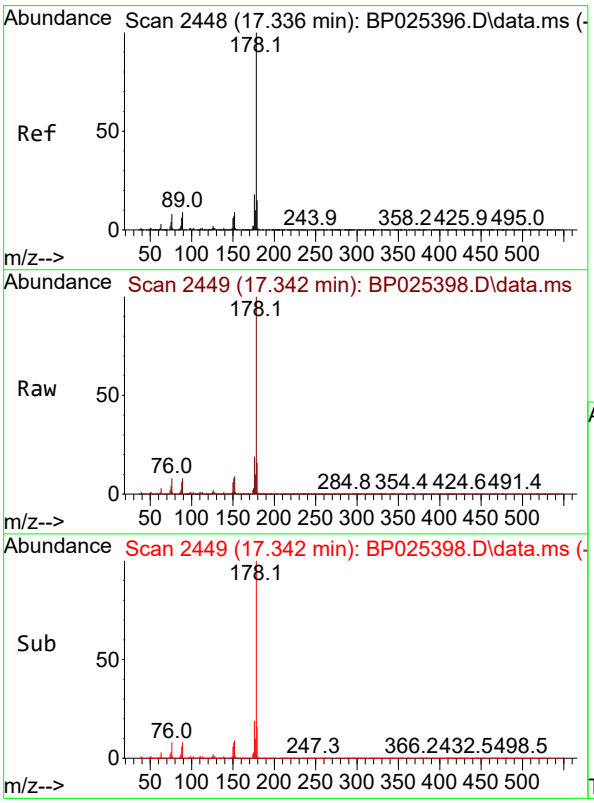
#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 3006132

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.2	18.4

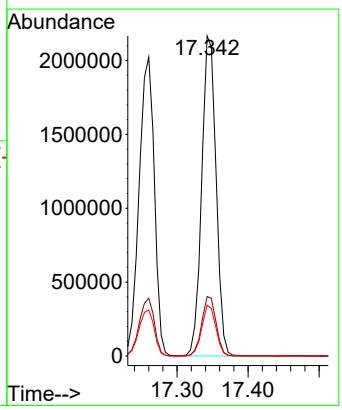


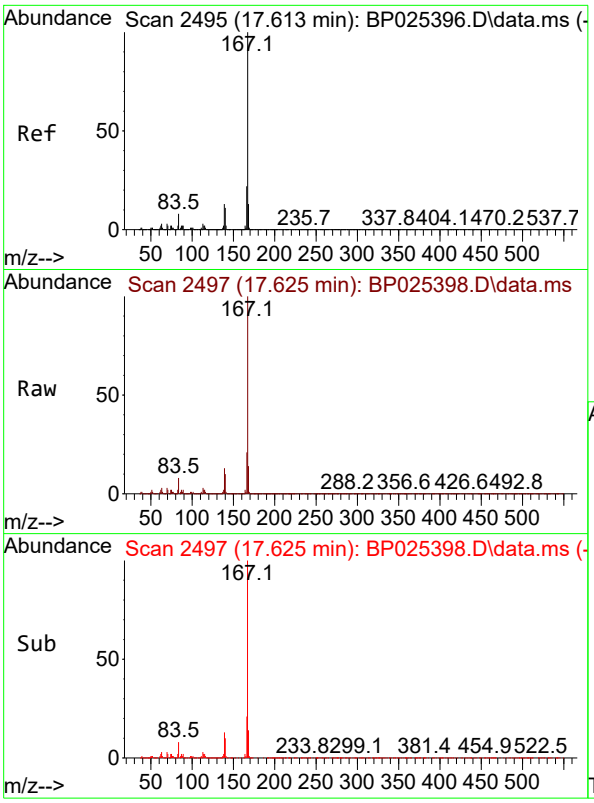


#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:178 Resp: 3050794

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.9	12.2	18.2



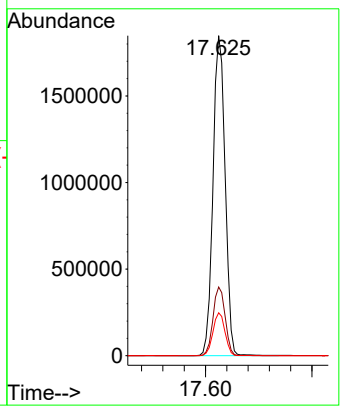


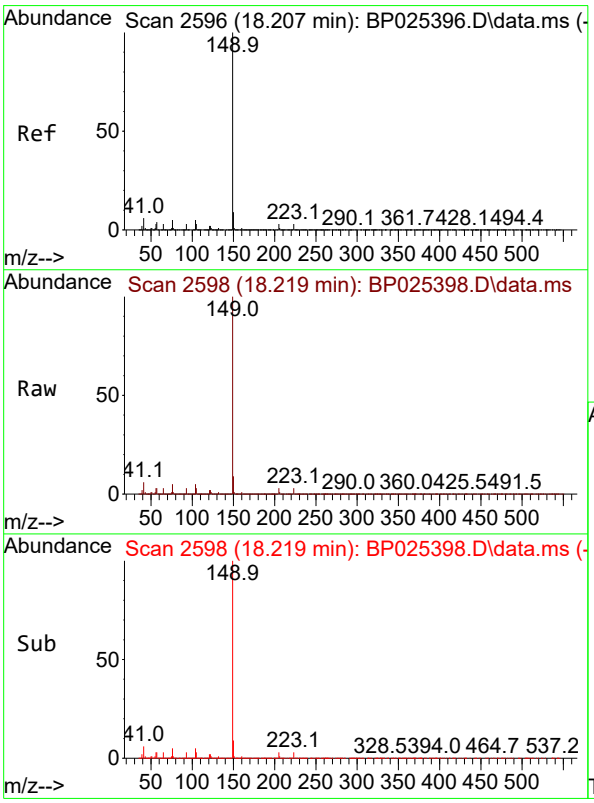
#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2916606

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.4	10.6	16.0

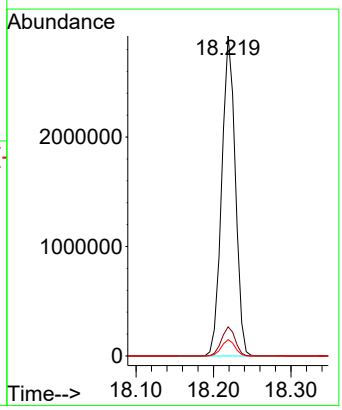


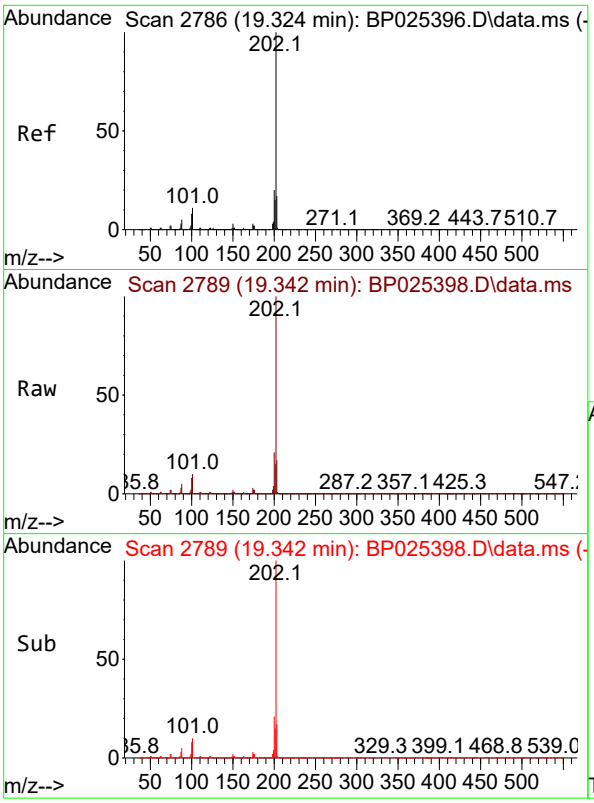


#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.2



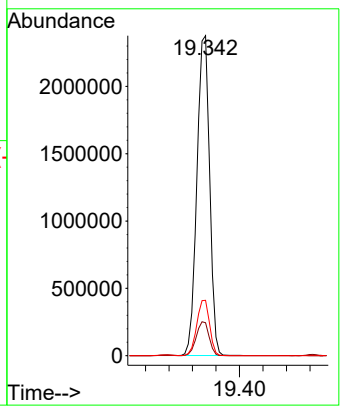


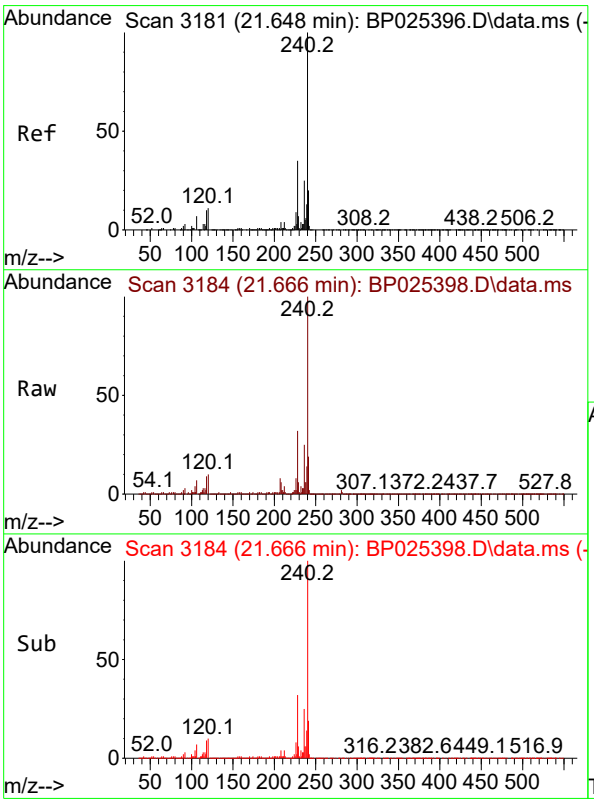
#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 3563798

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	17.3	0.0	37.3

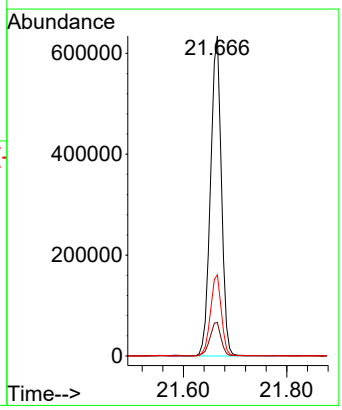


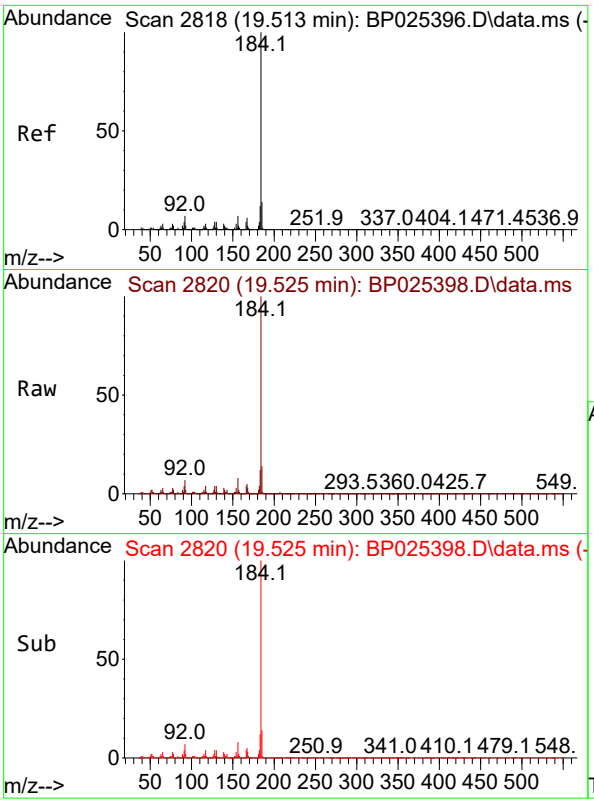


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.3	19.8	29.8



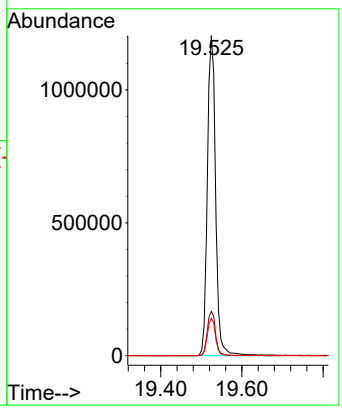


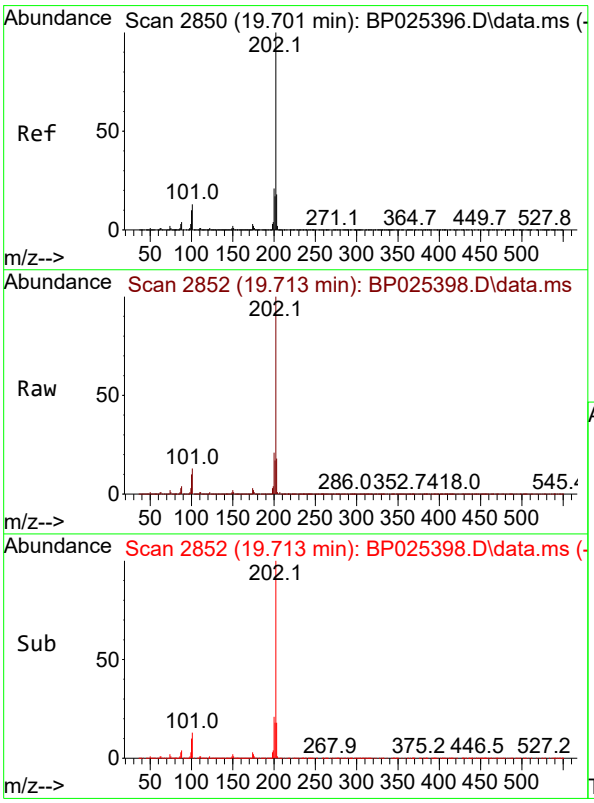
#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1690432

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.7	9.4	14.2

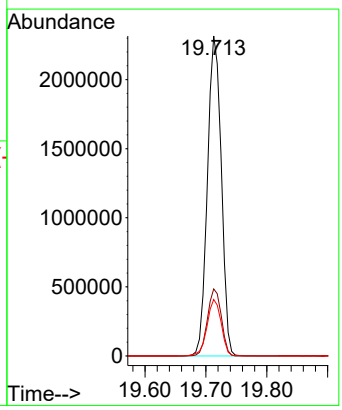


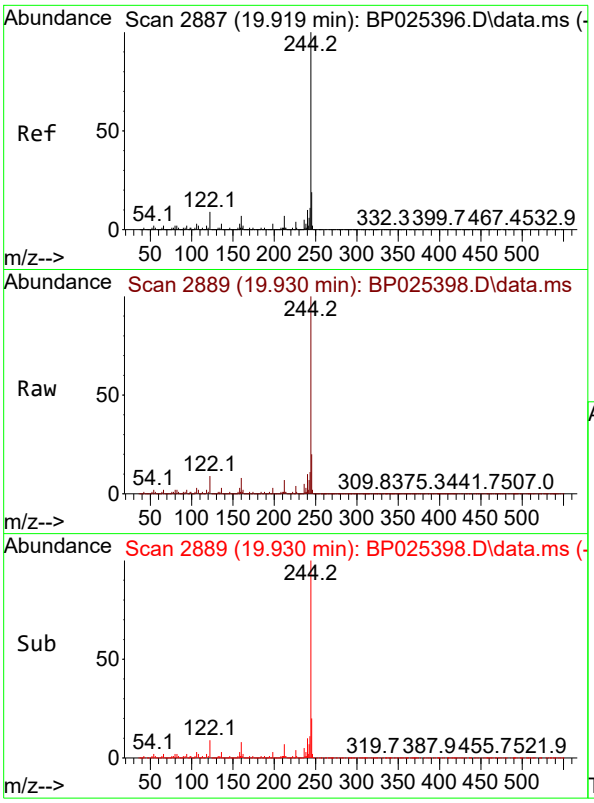


#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.2	21.2



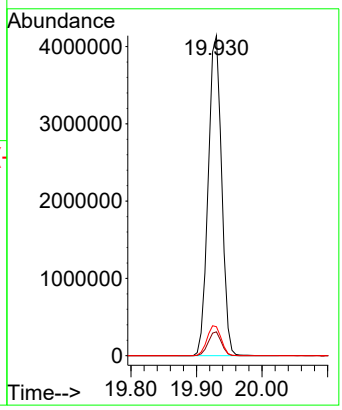


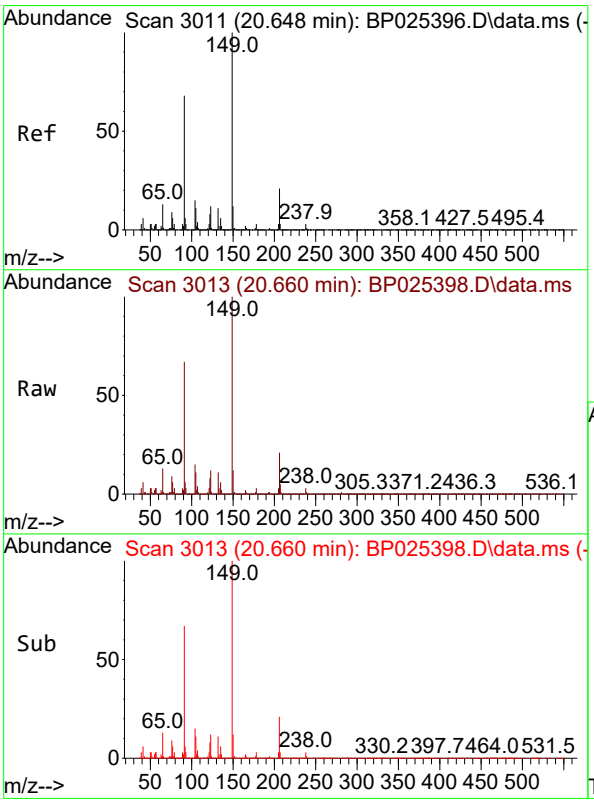
#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5896004

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2

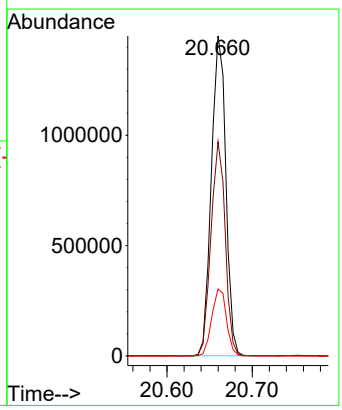


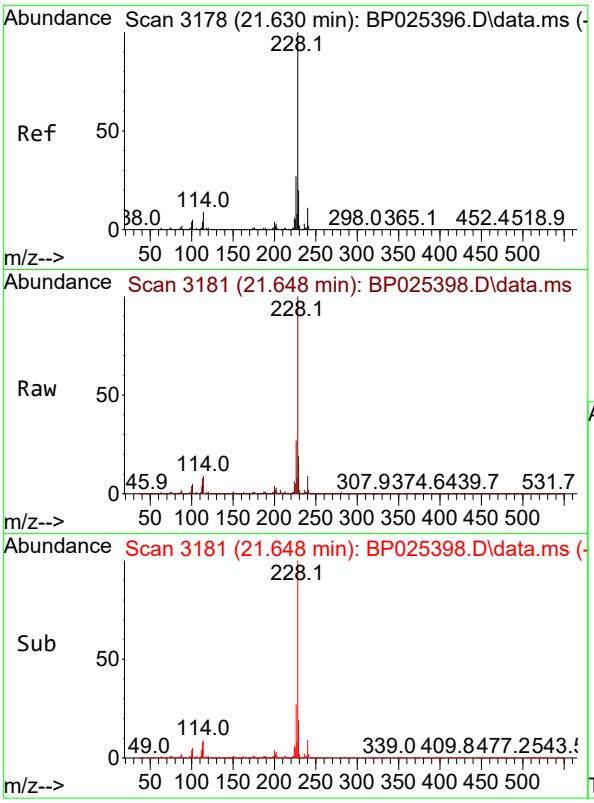


#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246

Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.2	81.2
206	20.9	16.6	24.8



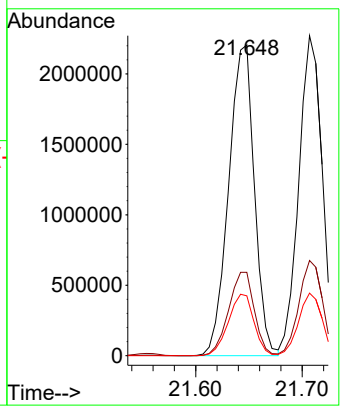


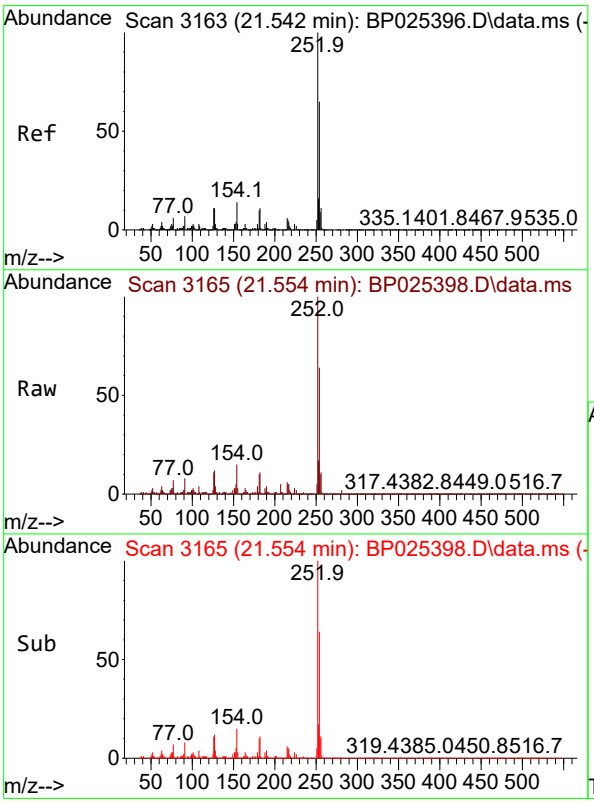
#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3702064

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.2	15.6	23.4

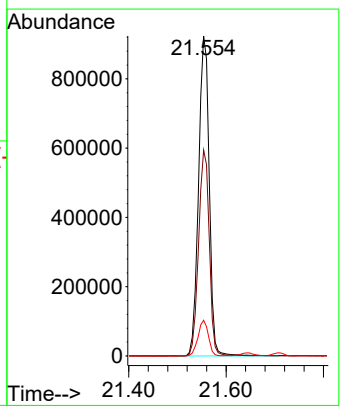


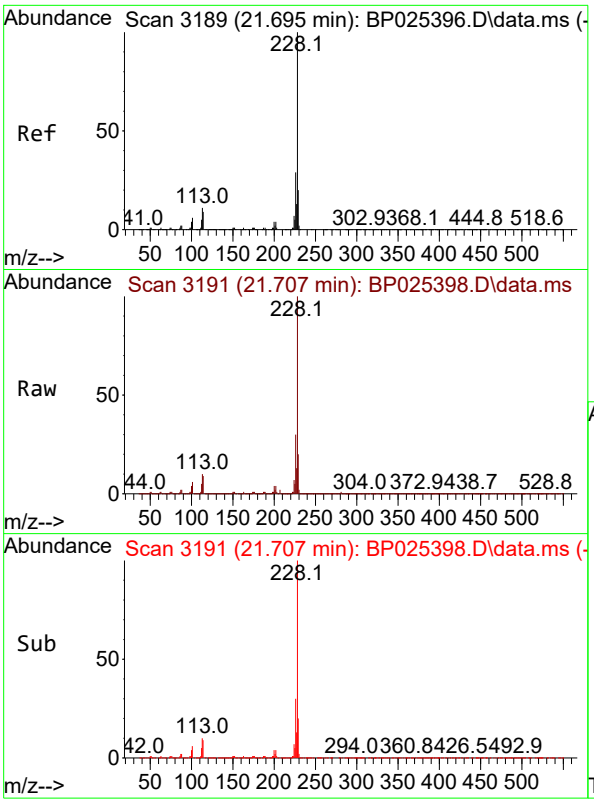


#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 1405597

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	11.2	9.1	13.7



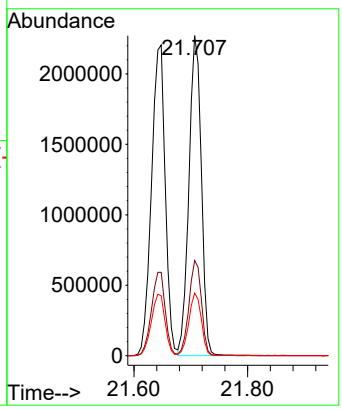


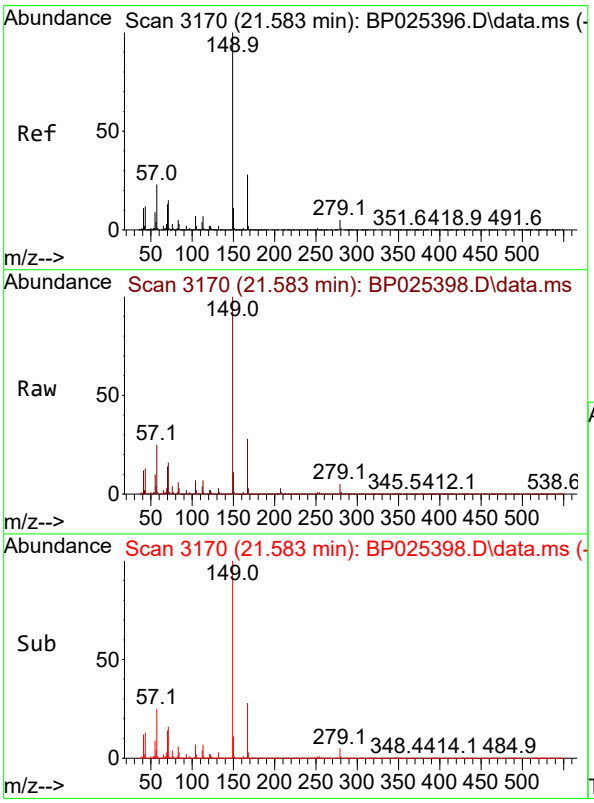
#83
Chrysene
Concen: 60.387 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 3453736

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.6	15.6	23.4

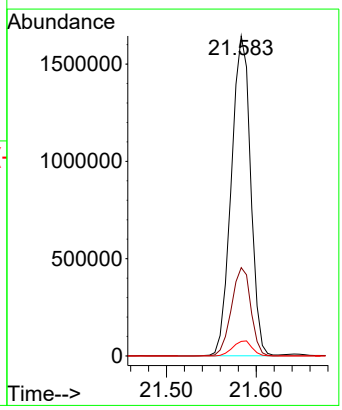


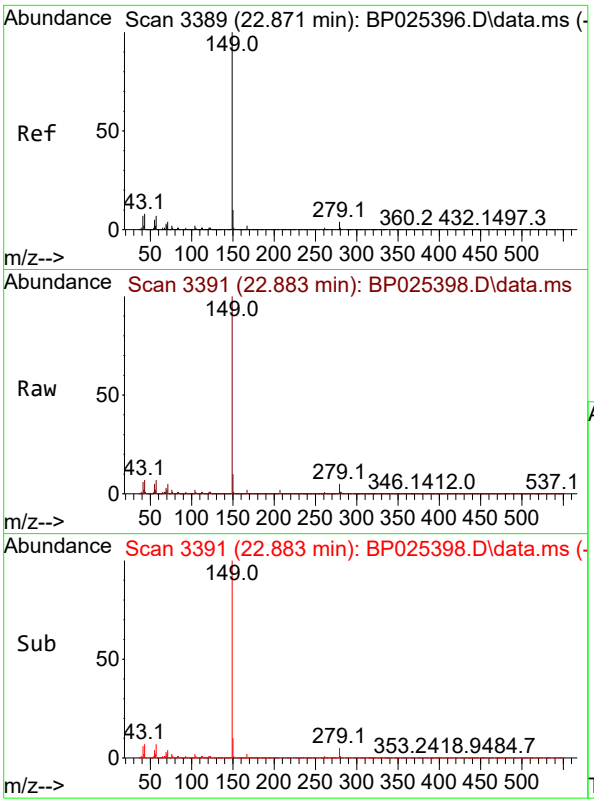


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.038 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 2450963

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.6	3.8	5.6



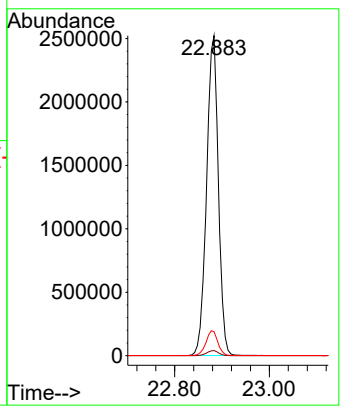


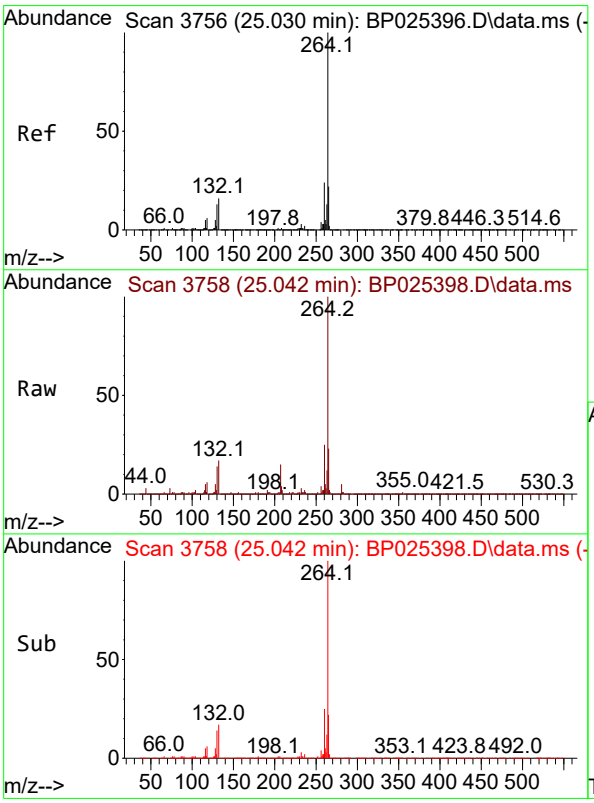
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4342211

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.3	9.5

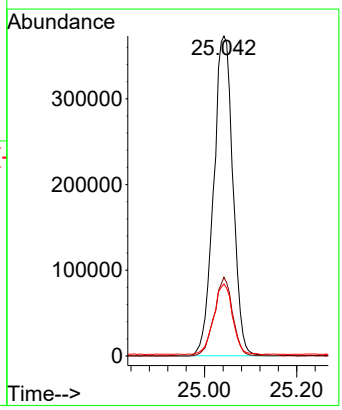


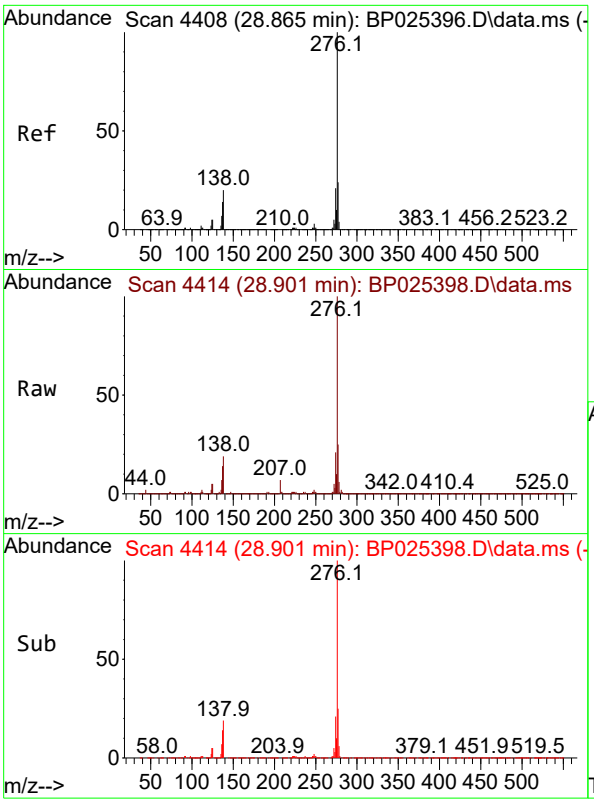


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.5	17.4	26.0



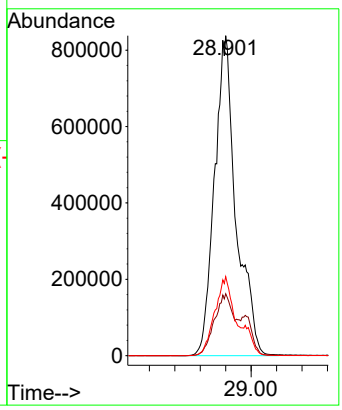


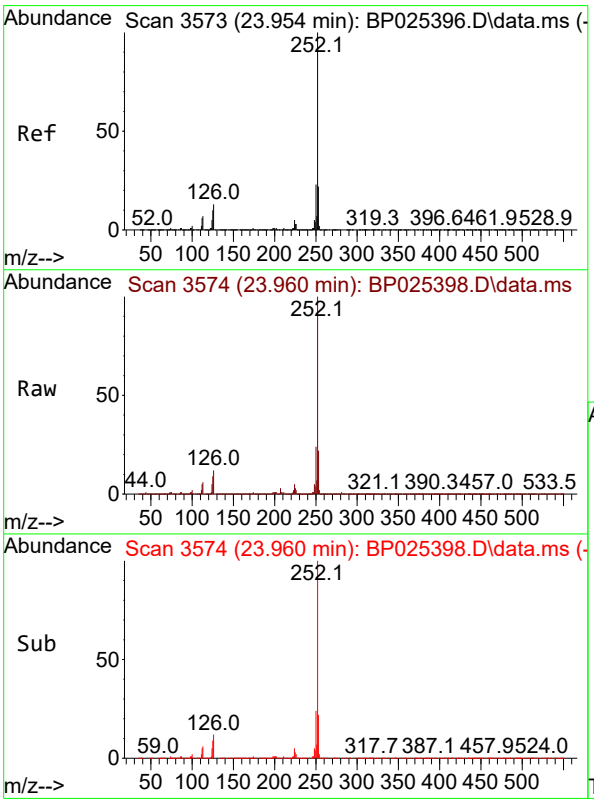
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 44
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 4937235

Ion	Ratio	Lower	Upper
276	100		
138	18.5	12.9	19.3
277	22.4	17.0	25.6

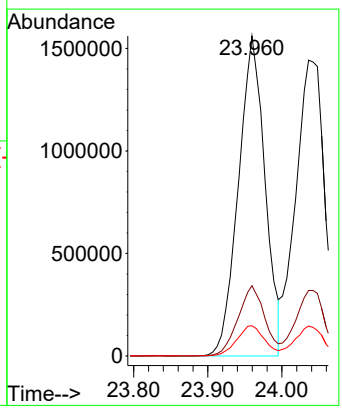


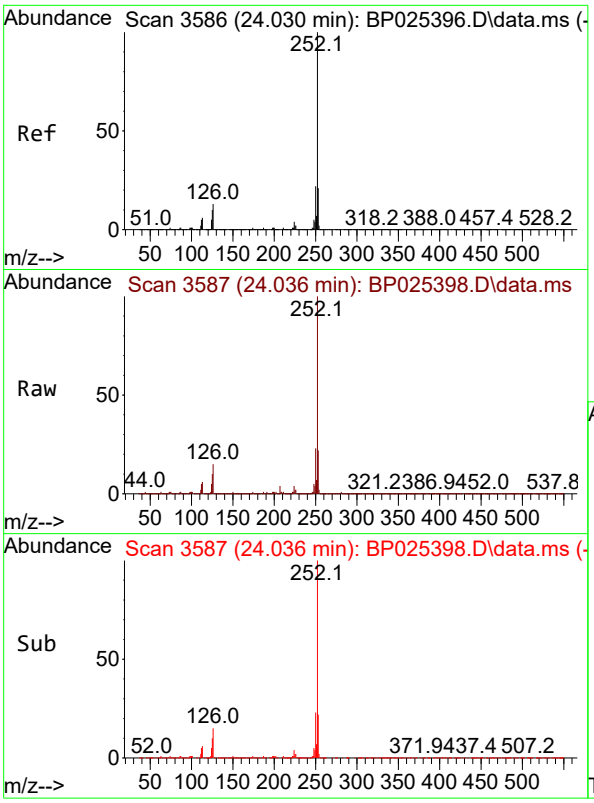


#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	7.9	11.9



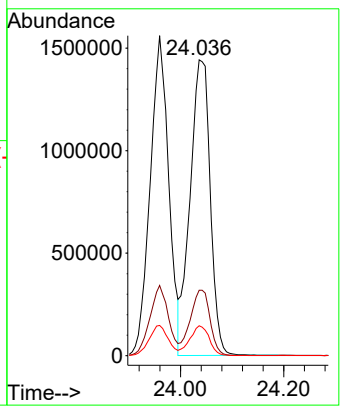


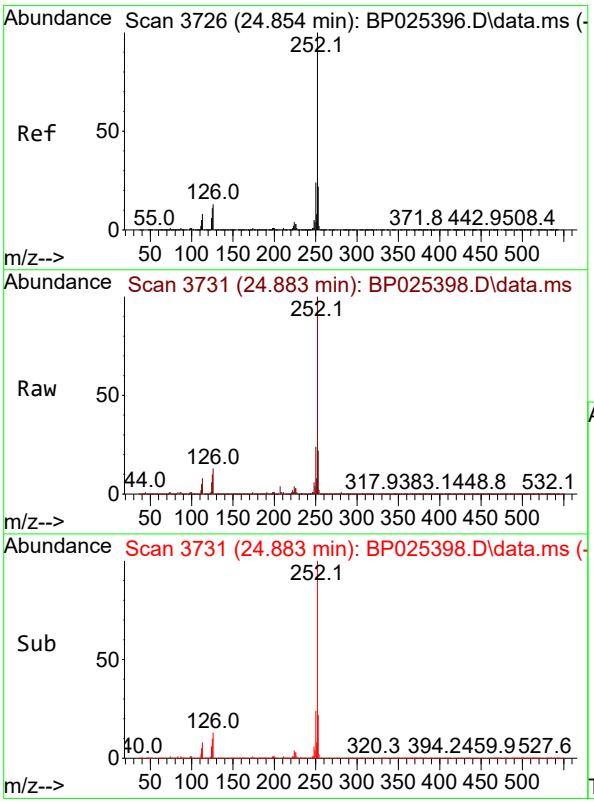
#89
Benzo(k)fluoranthene
Concen: 61.334 ng
RT: 24.036 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3912900

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.1	7.8	11.6

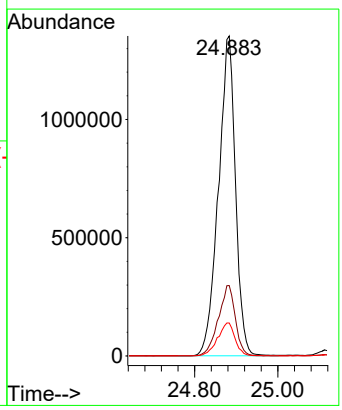


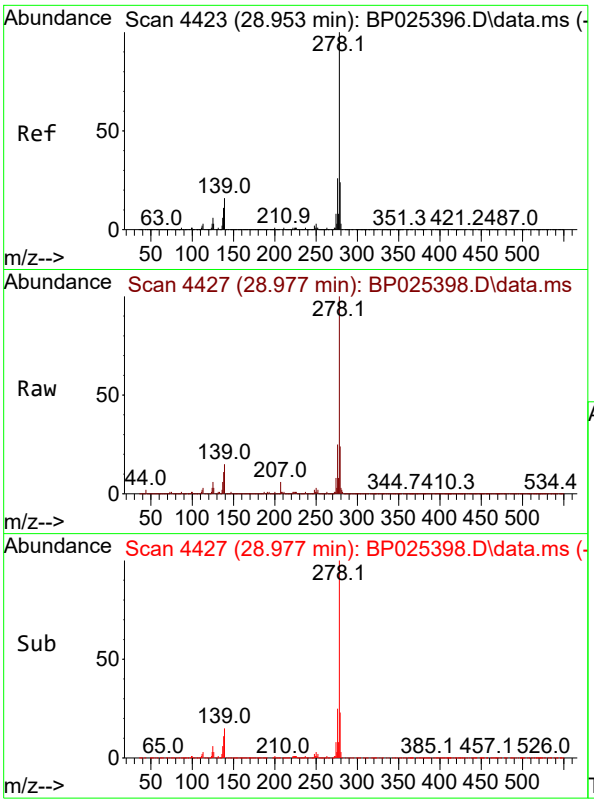


#90
Benzo(a)pyrene
Concen: 61.959 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.030 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3845093

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	8.7	13.1



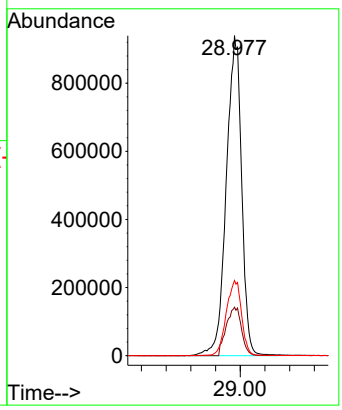


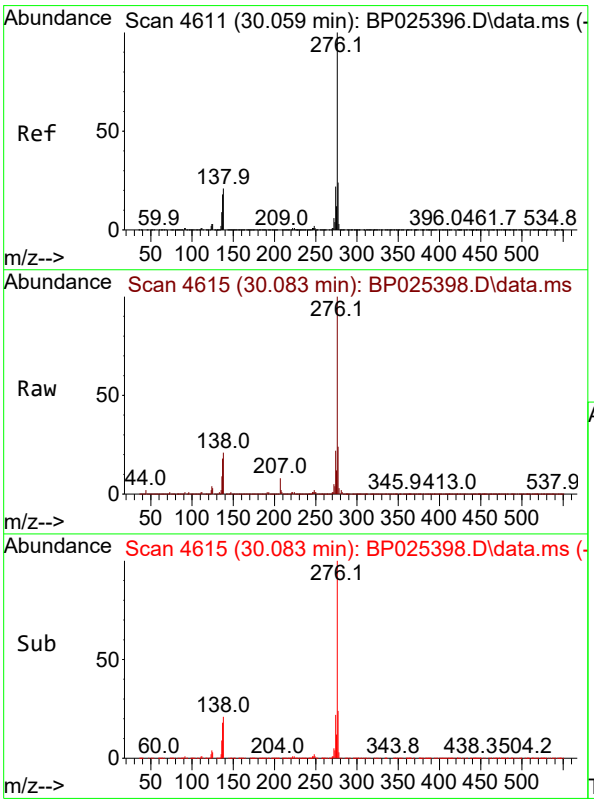
#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 44
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4035414

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.5	19.4	29.2

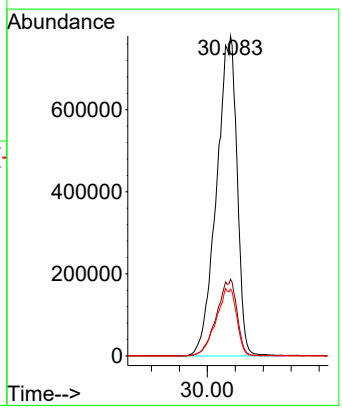




#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:276 Resp: 3958545

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	20.8	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

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Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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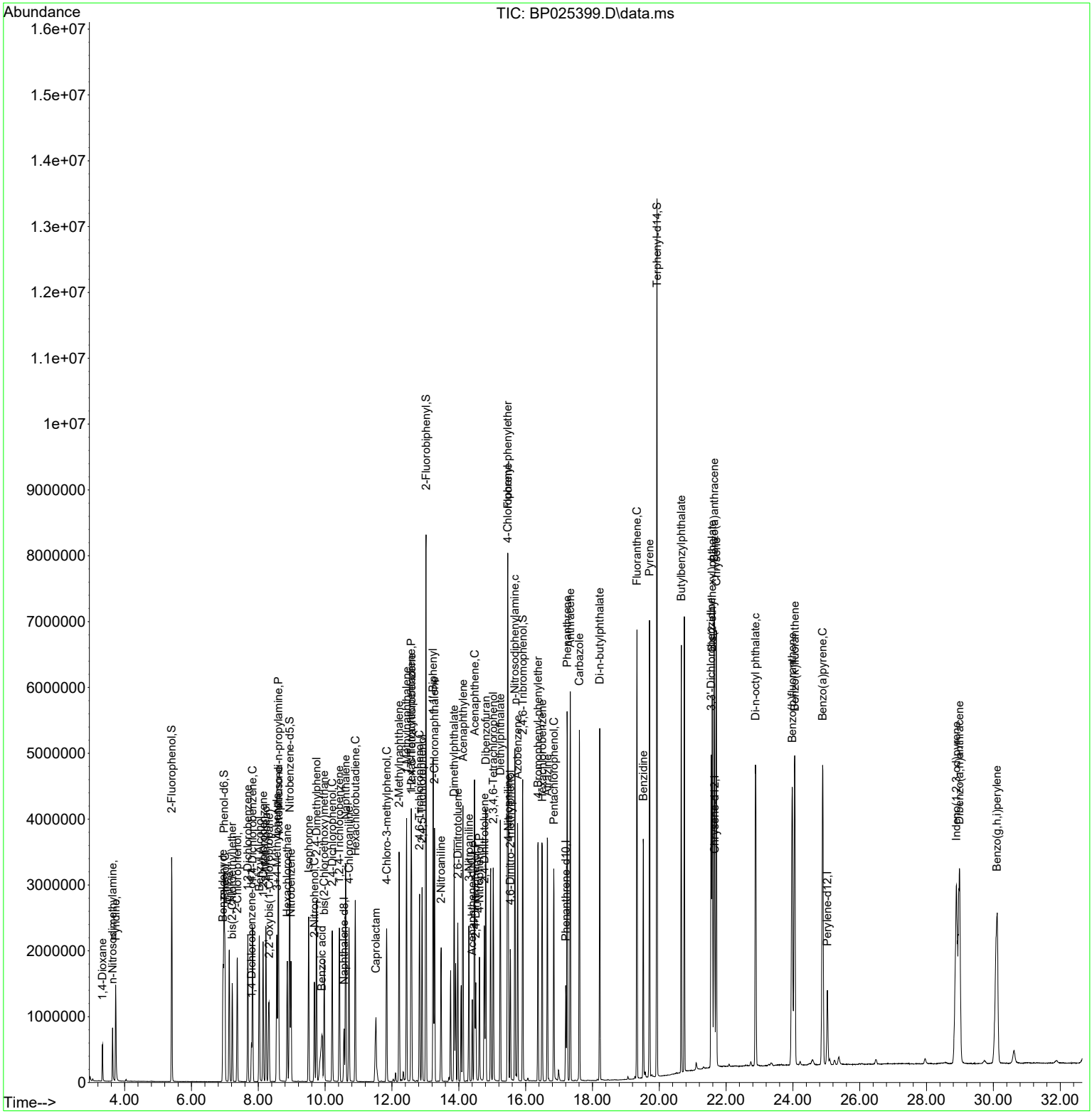
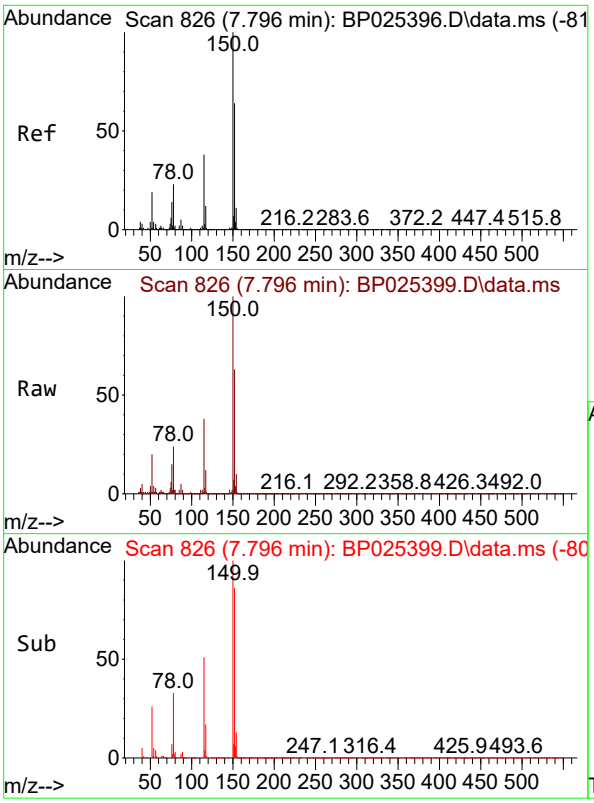
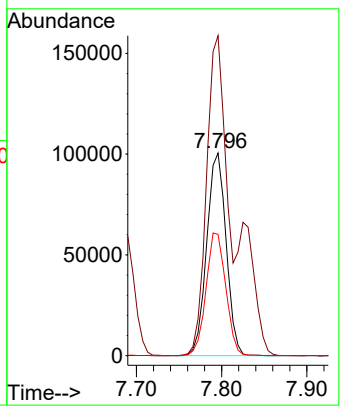




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 15914

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	59.9	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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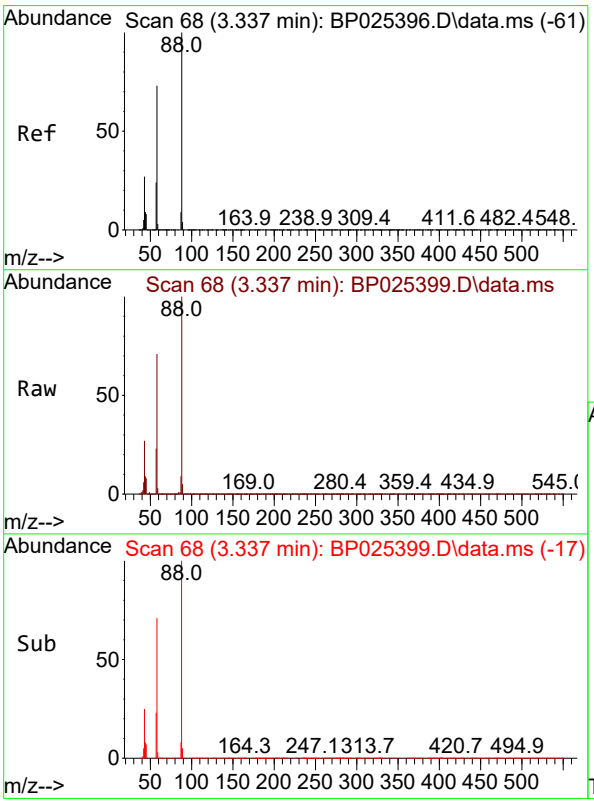
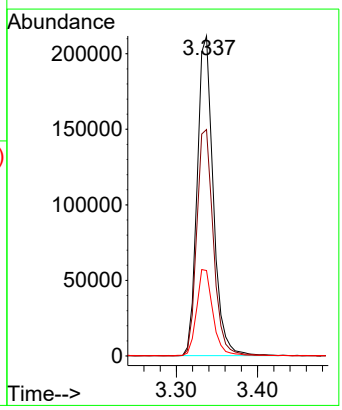
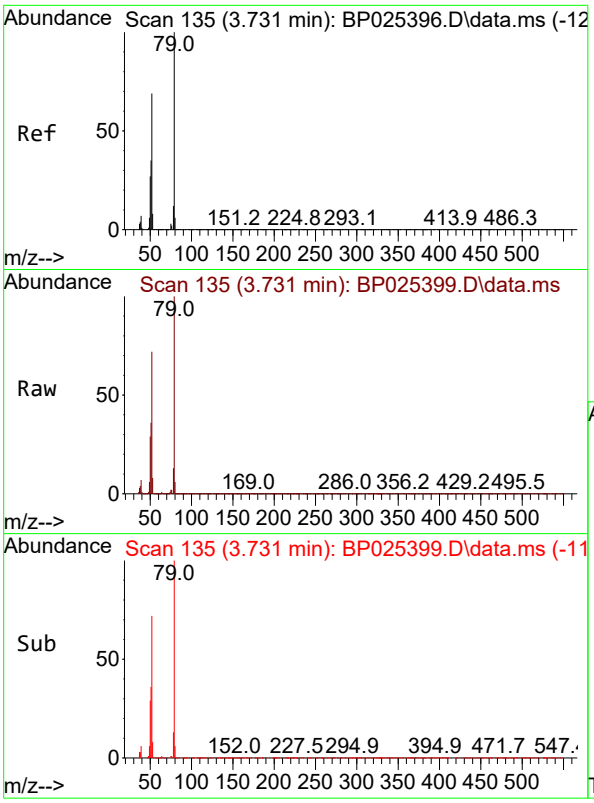


#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 88 Resp: 291527

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.2	88.8
43	27.4	21.7	32.5

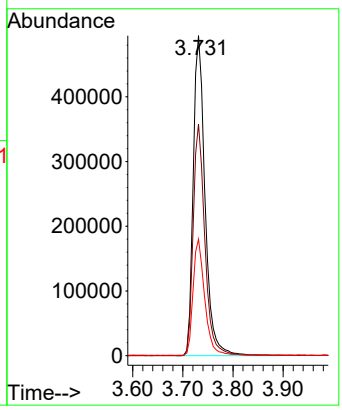




#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 80726

Ion	Ratio	Lower	Upper
79	100		
52	72.4	55.5	83.3
51	36.4	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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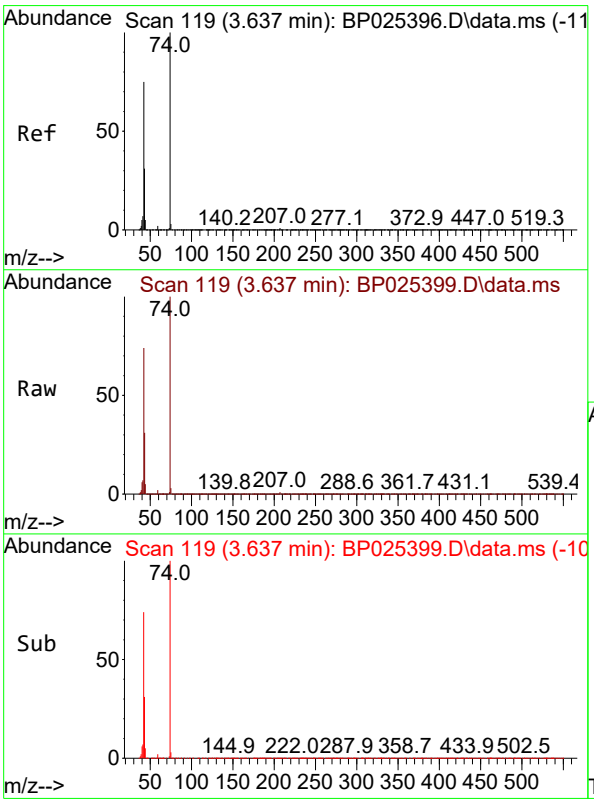
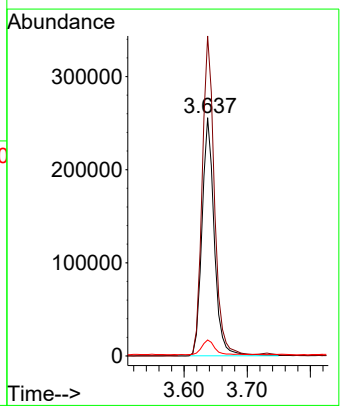
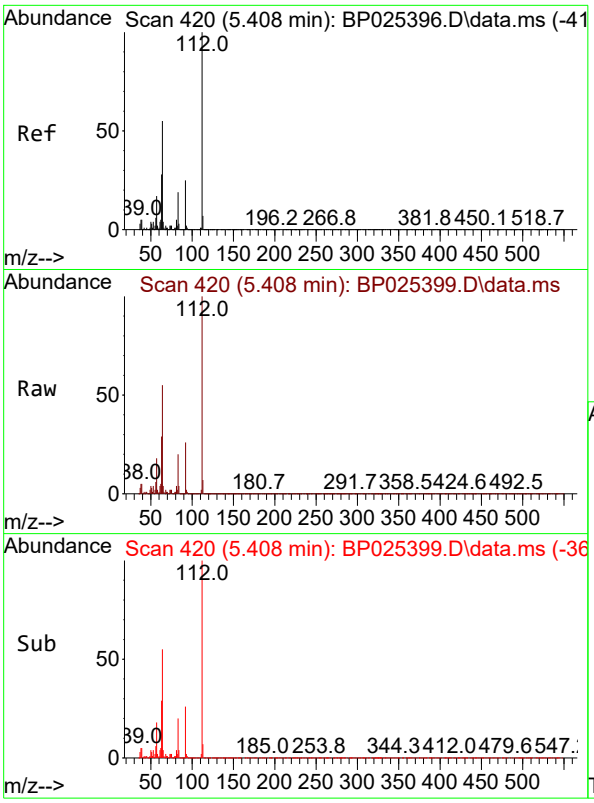


#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 42 Resp: 344349

Ion	Ratio	Lower	Upper
42	100		
74	134.3	107.0	160.4
44	6.7	6.2	9.4

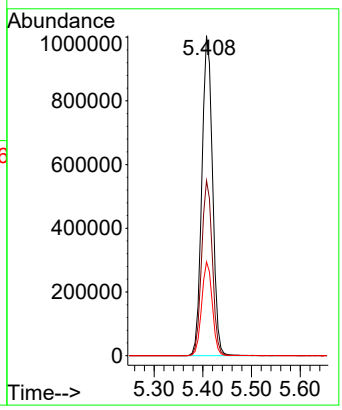




#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:112 Resp: 152616

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.8	65.8
63	29.3	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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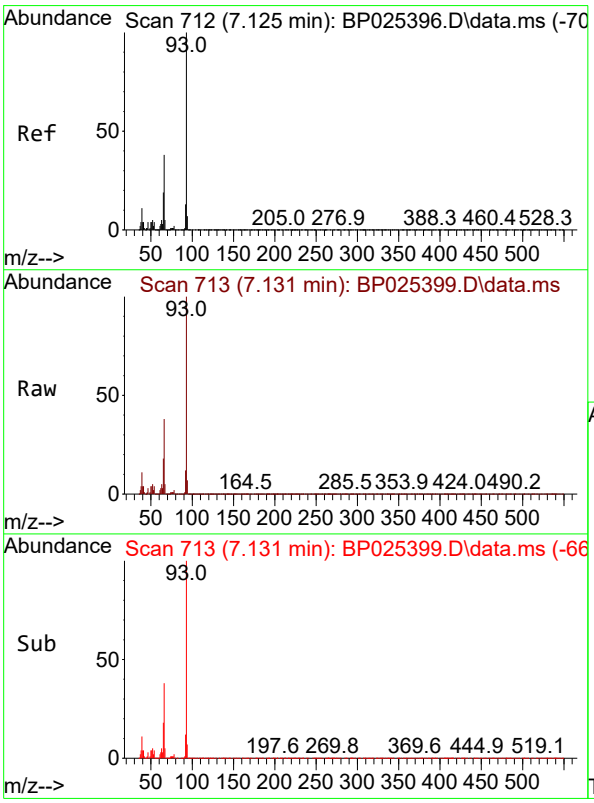
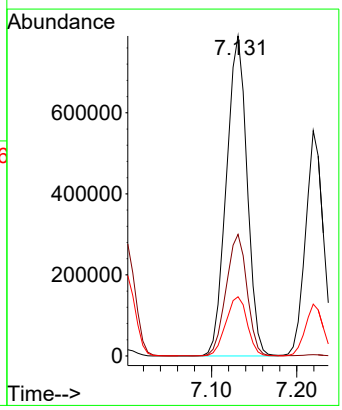
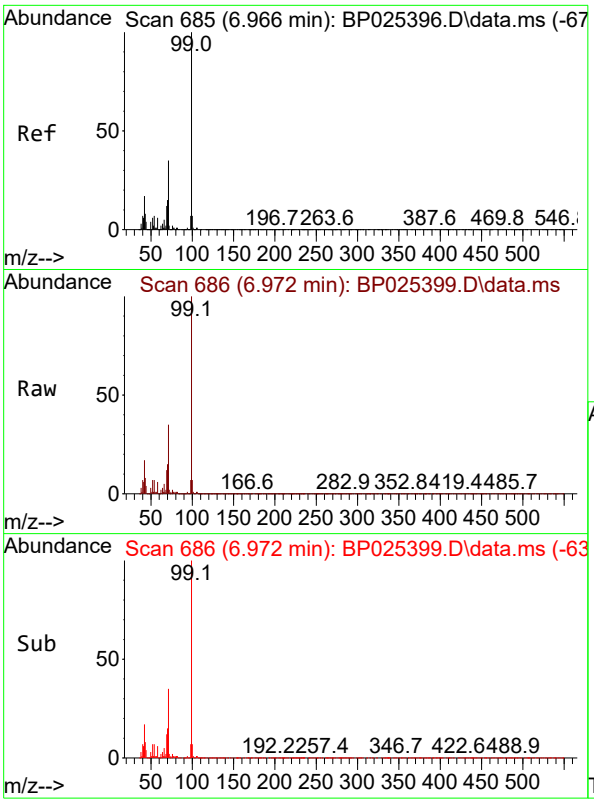


#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1333221

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	18.5	15.3	22.9

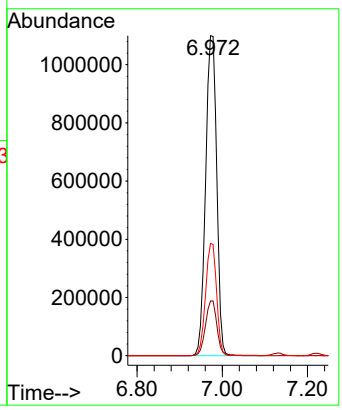




#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 99 Resp: 198963

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.1	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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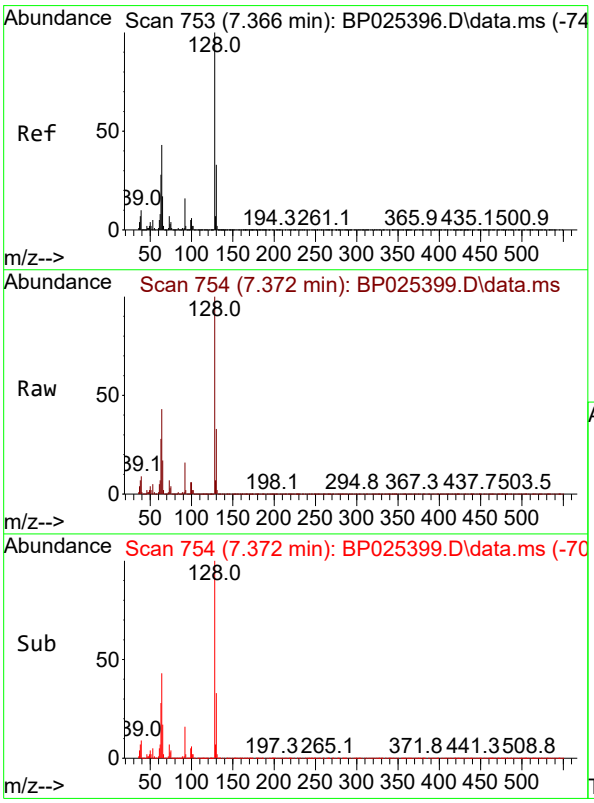
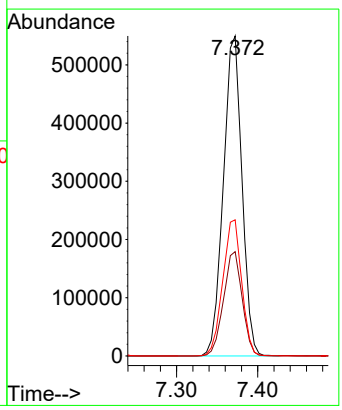
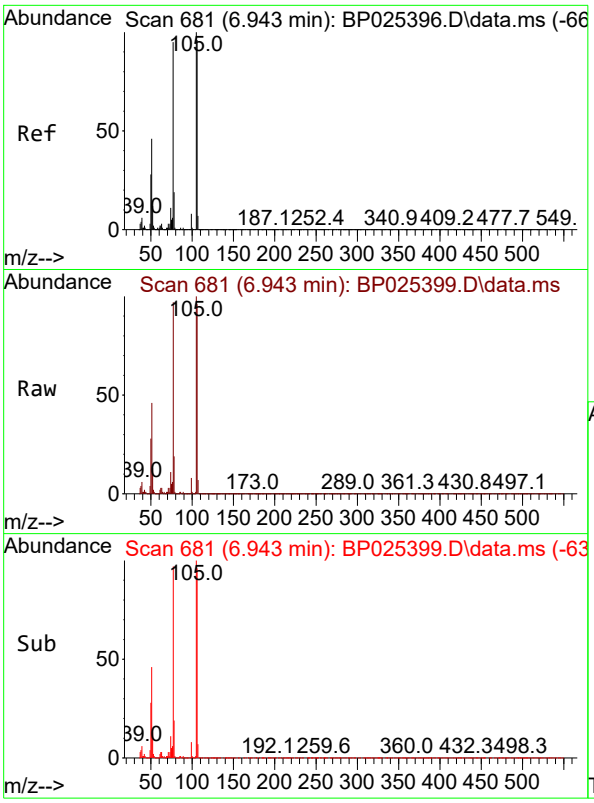


#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 877073

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	42.5	23.4	63.4

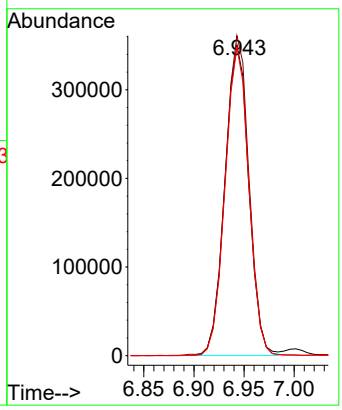




#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 58234

Ion	Ratio	Lower	Upper
77	100		
105	103.0	84.8	124.8
106	99.3	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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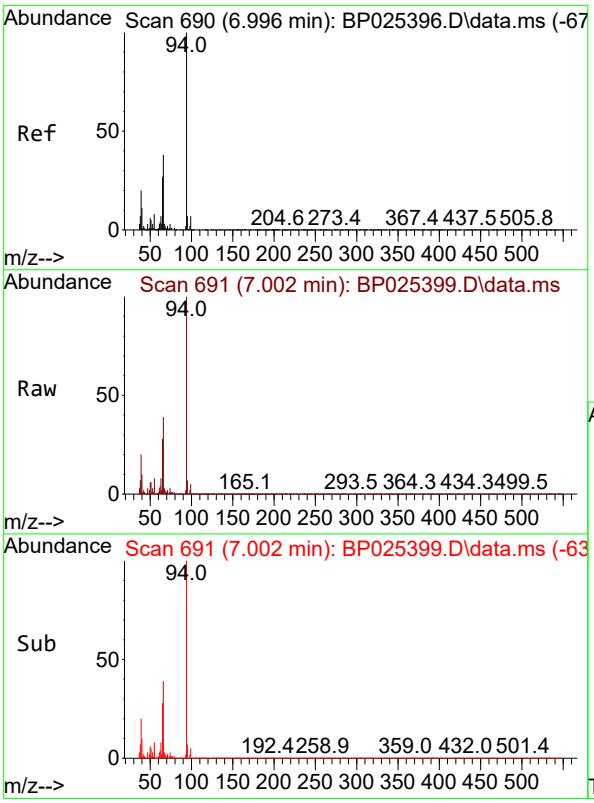
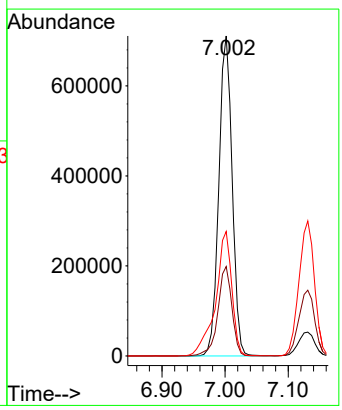
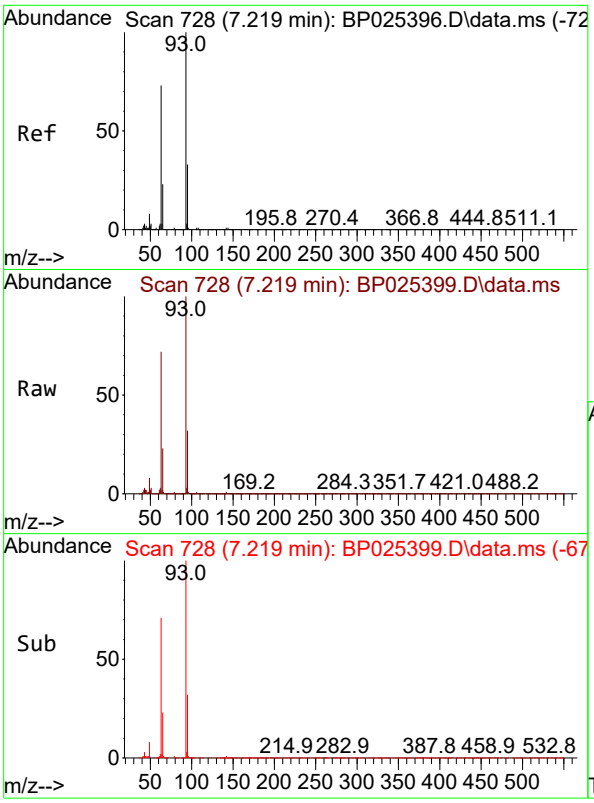


#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 94 Resp: 1040534

Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.8	46.8
66	38.9	18.2	58.2

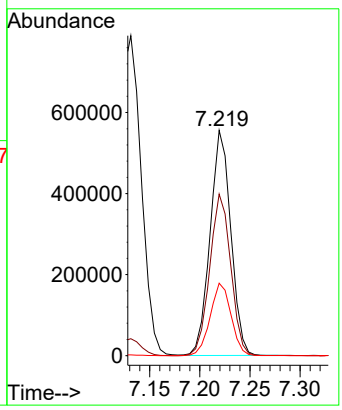




#11
bis(2-Chloroethyl)ether
Concen: 79.481 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 79867

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.6	92.6
95	32.2	12.7	52.7



Instrument :
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ClientSampleId :
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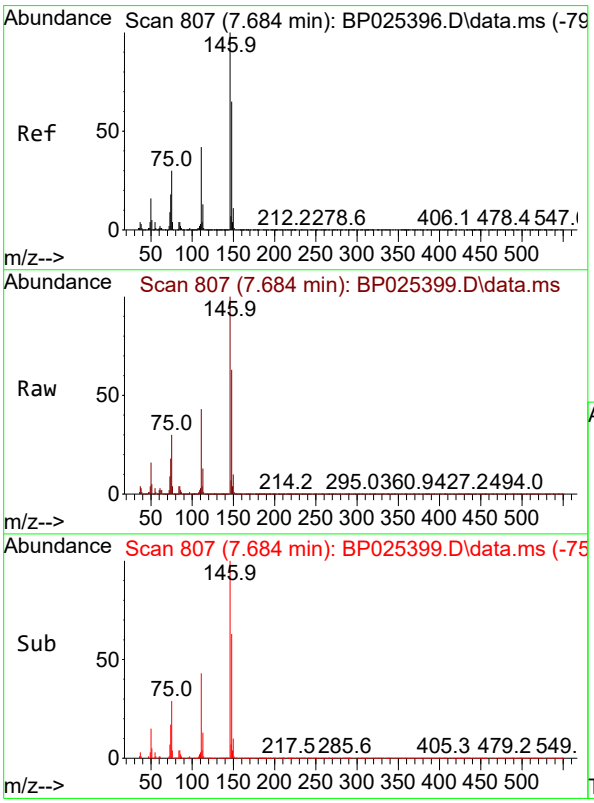
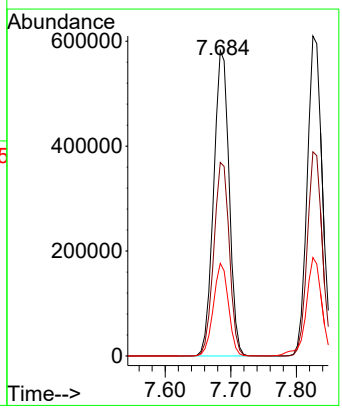
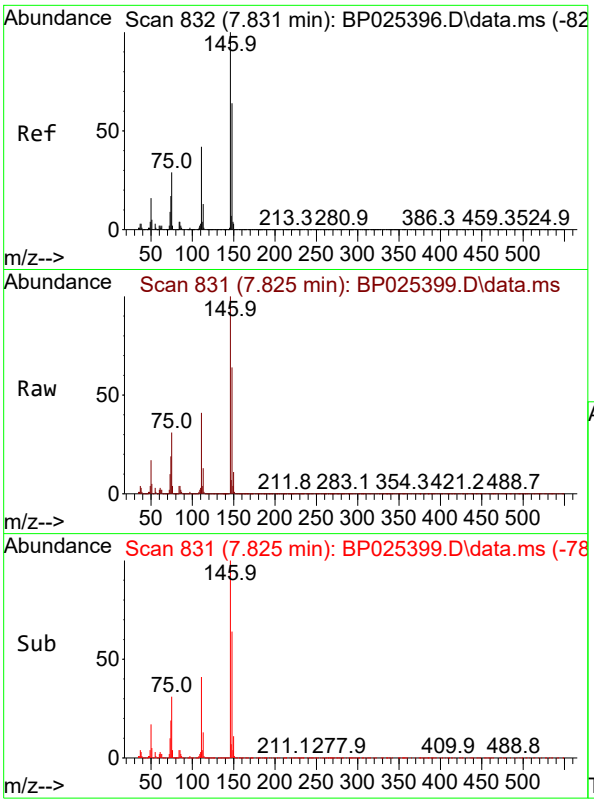


#12
1,3-Dichlorobenzene
Concen: 79.718 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 950596

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
75	30.3	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 78.882 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 96142

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	41.2	33.4	50.0

Instrument :
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ClientSampleId :
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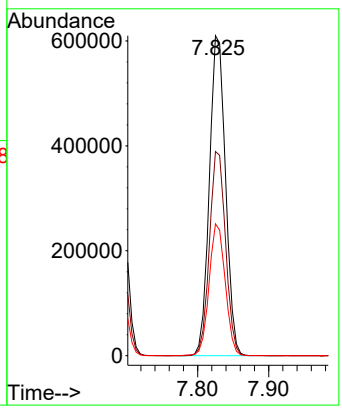
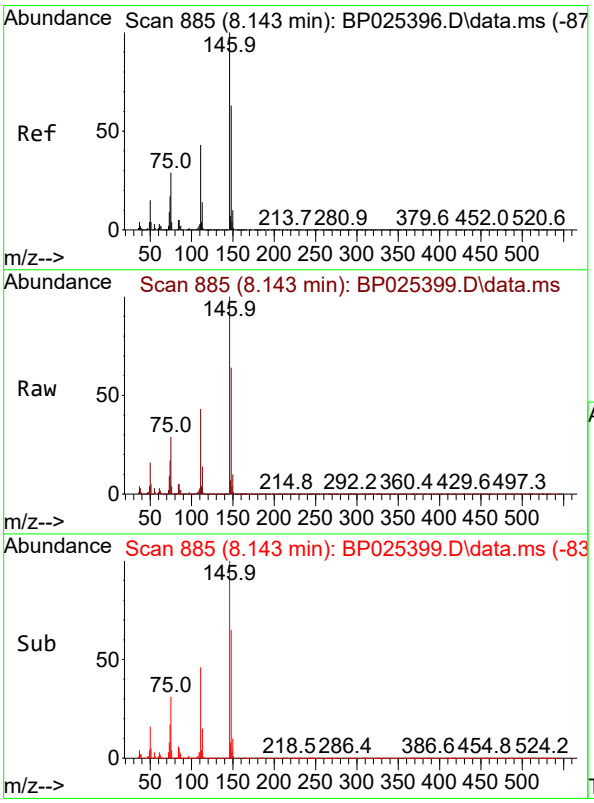
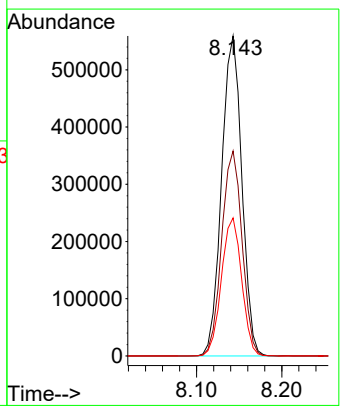


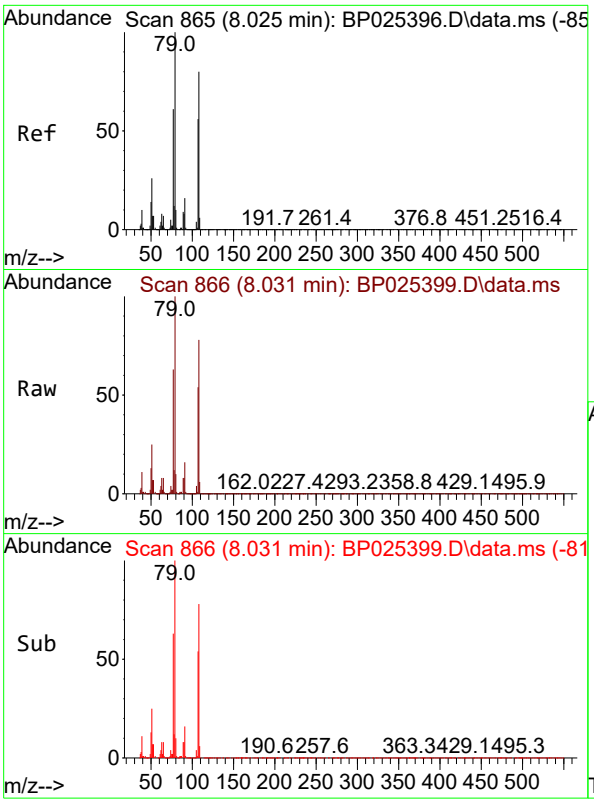


#14
1,2-Dichlorobenzene
Concen: 78.203 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:146 Resp: 922658

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 81.498 ng
RT: 8.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 79 Resp: 79561

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.8	95.6
77	62.8	49.0	73.4

Instrument :
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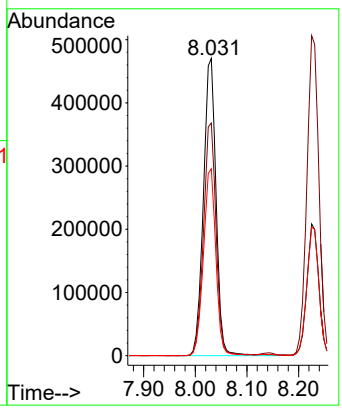
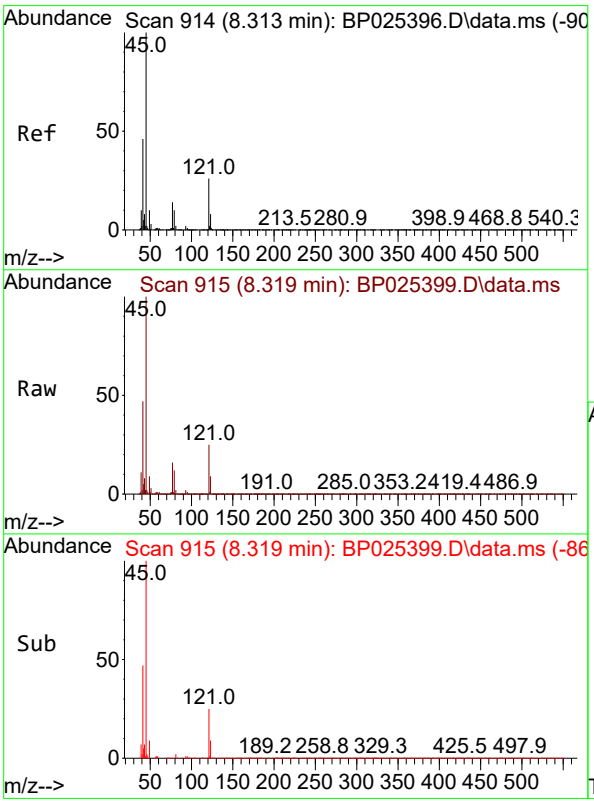
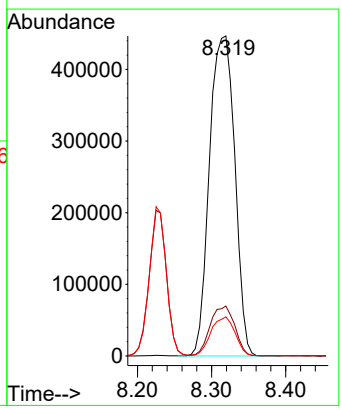


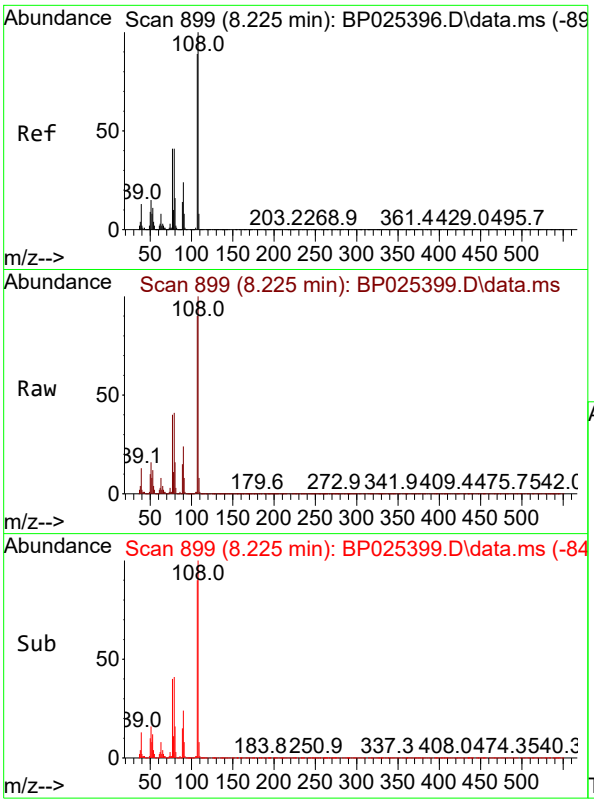


#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.732 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 45 Resp: 1059824

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.3
79	12.2	0.0	31.8

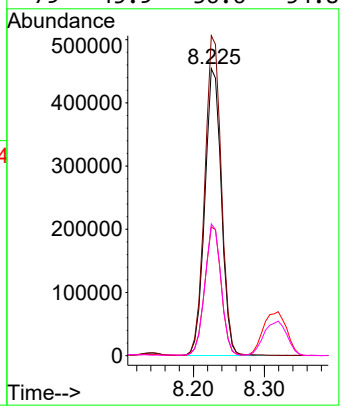




#17
2-Methylphenol
Concen: 82.028 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 73448

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.4	134.0
77	44.8	36.3	54.5
79	45.9	36.6	54.8



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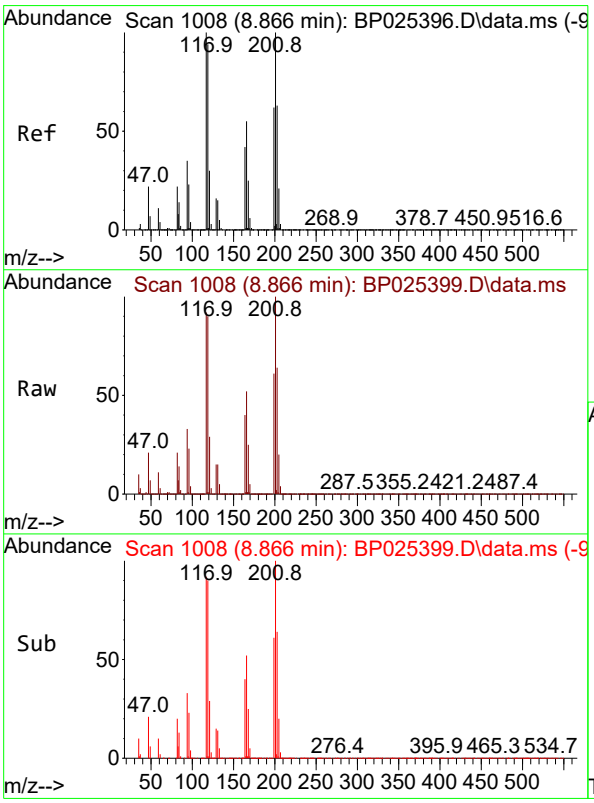
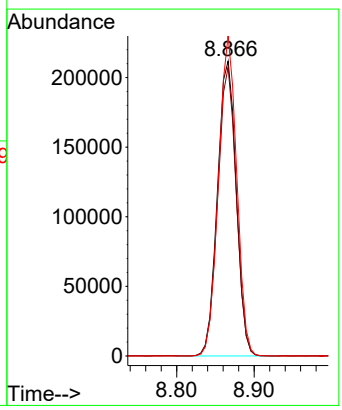
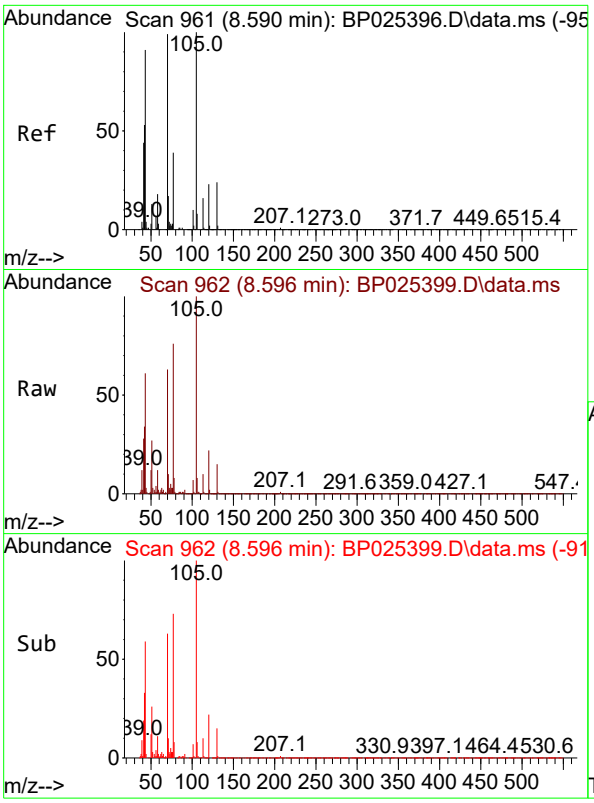


#18
Hexachloroethane
Concen: 79.395 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:117 Resp: 355791

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.1	112.7
201	108.5	80.1	120.1

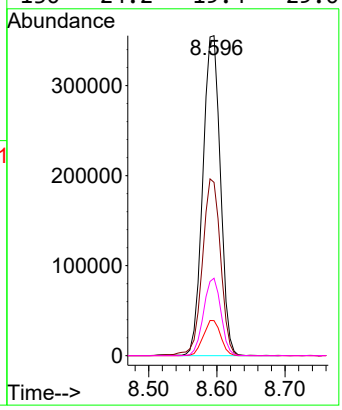




#19
n-Nitroso-di-n-propylamine
Concen: 78.102 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 70 Resp: 63638

Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.8	65.6
101	11.0	8.5	12.7
130	24.2	19.4	29.0



Instrument :
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ClientSampleId :
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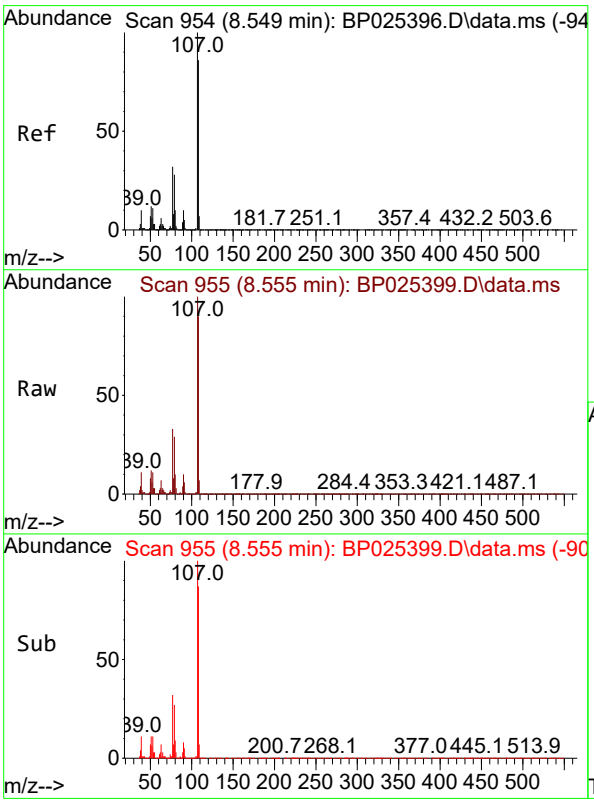
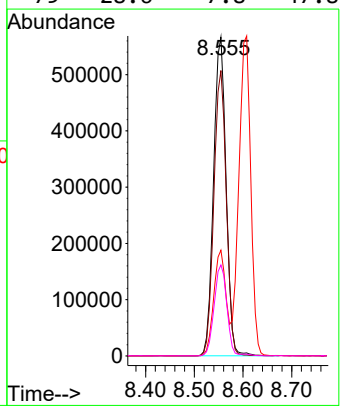
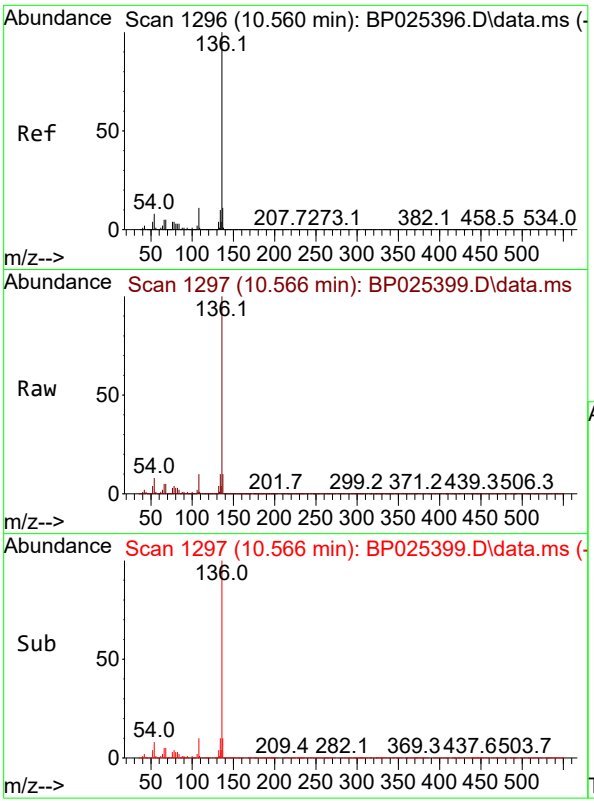


#20
3+4-Methylphenols
Concen: 81.023 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 1005632

Ion	Ratio	Lower	Upper
107	100		
108	89.6	66.3	106.3
77	33.2	12.3	52.3
79	28.6	7.8	47.8

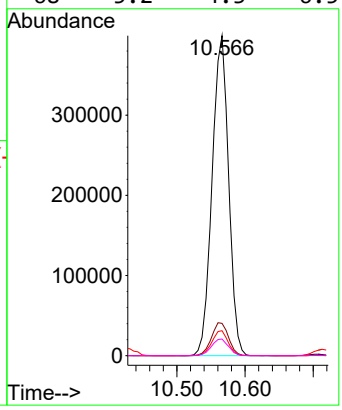




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:136 Resp: 673018

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.8	6.0	9.0
68	5.2	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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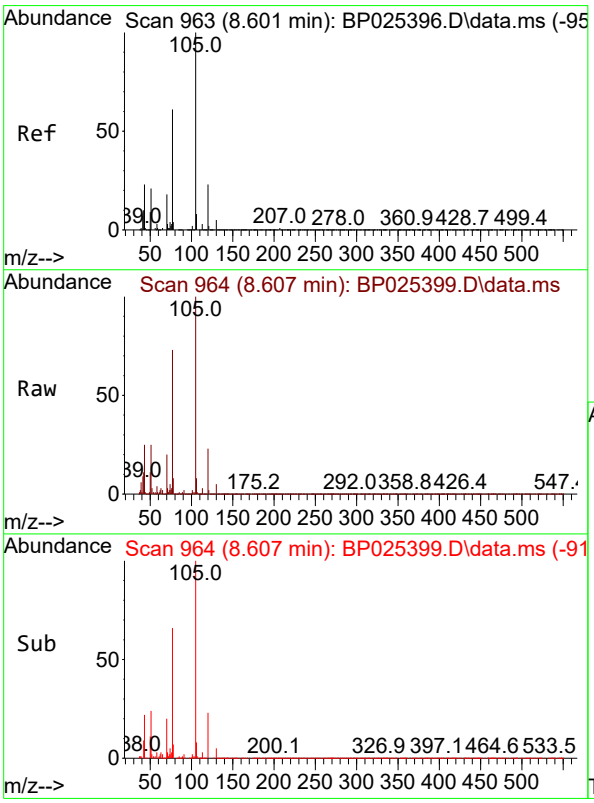
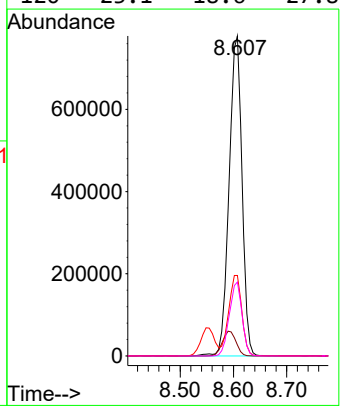
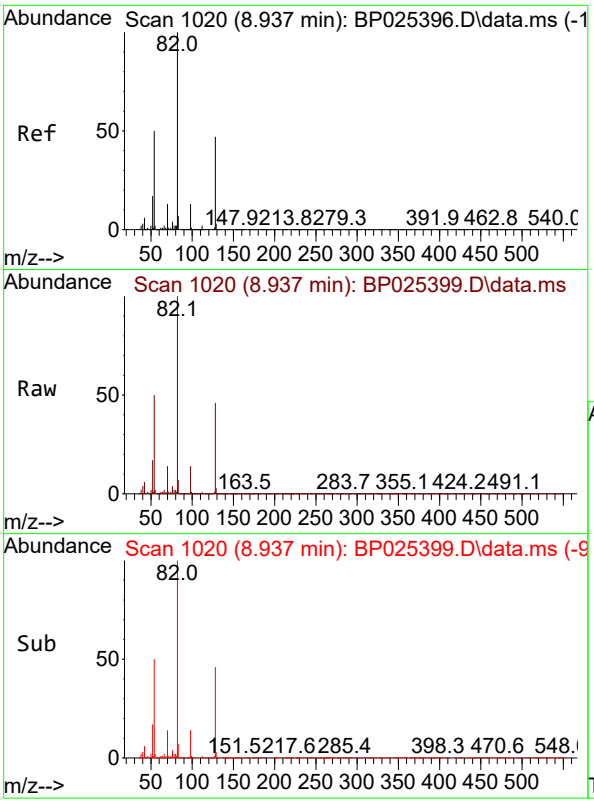


#22
Acetophenone
Concen: 77.886 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.6	4.0
51	25.1	20.6	30.8
120	23.1	18.6	27.8

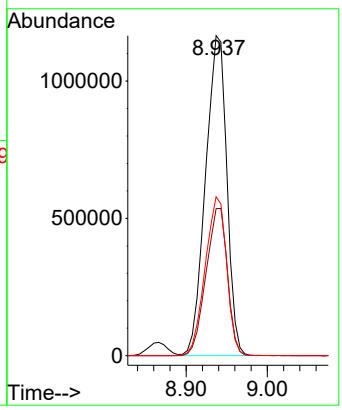




#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 212352

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	49.7	39.8	59.6



Instrument :
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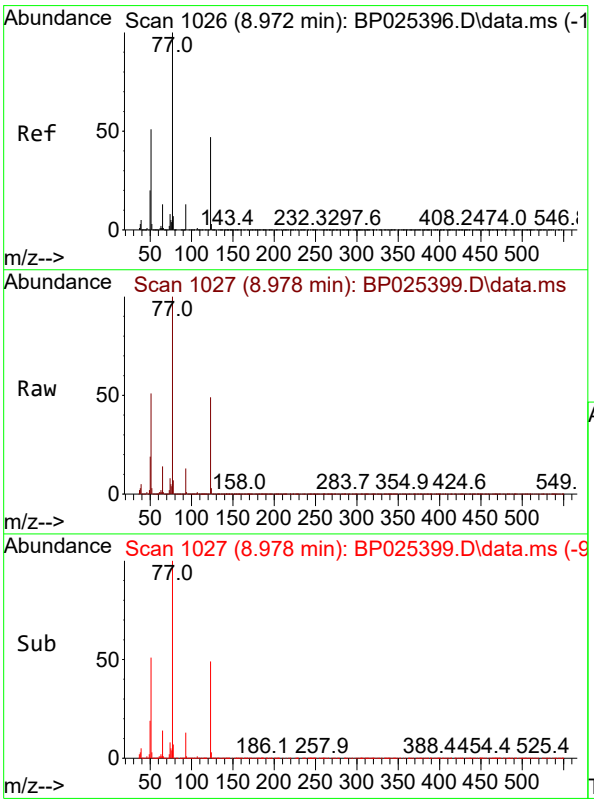
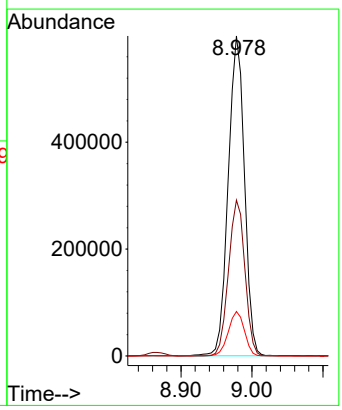
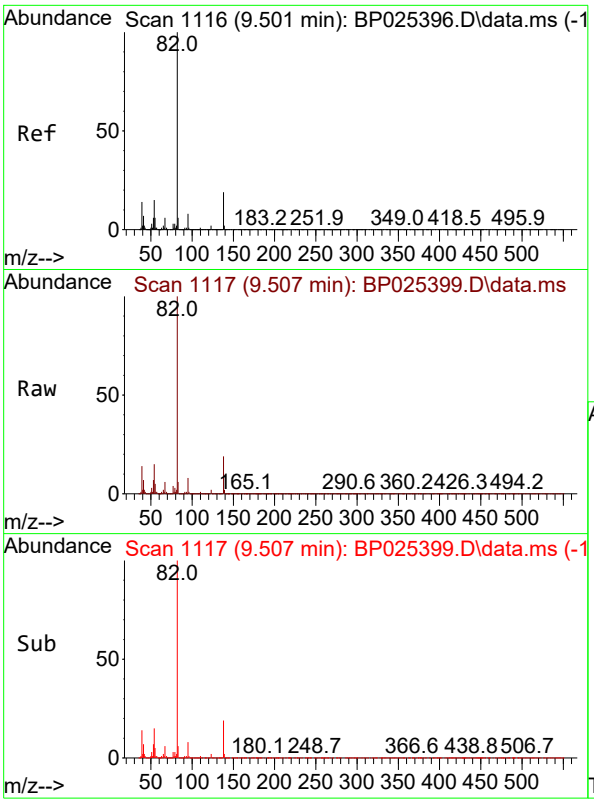


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 947511

Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.6	58.0
65	13.9	10.6	15.8

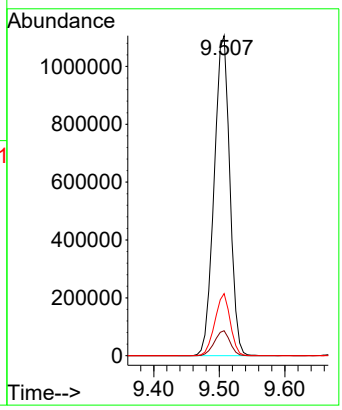




#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 82 Resp: 182967

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.4	15.4	23.0



Instrument :
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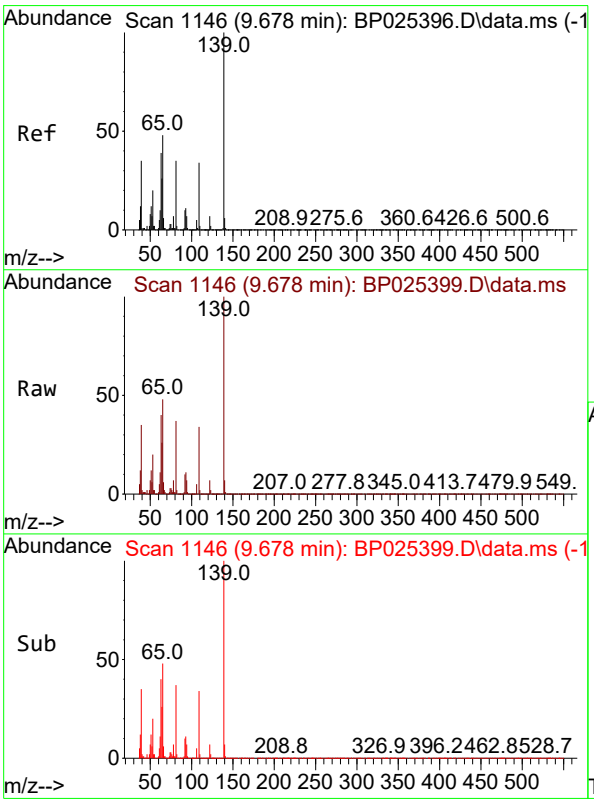
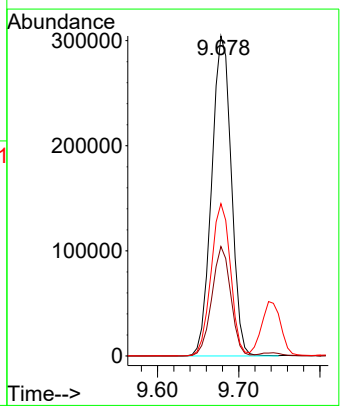
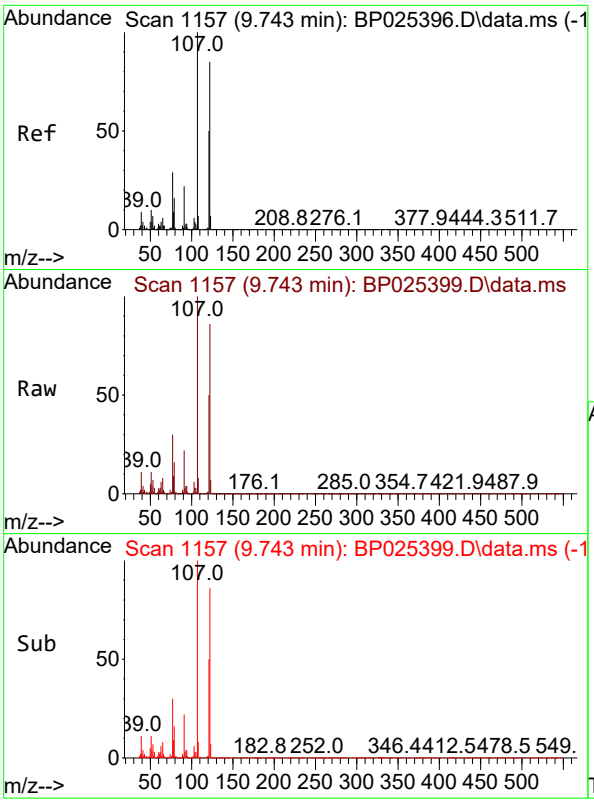


#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 511806

Ion	Ratio	Lower	Upper
139	100		
109	34.2	26.9	40.3
65	47.6	38.3	57.5

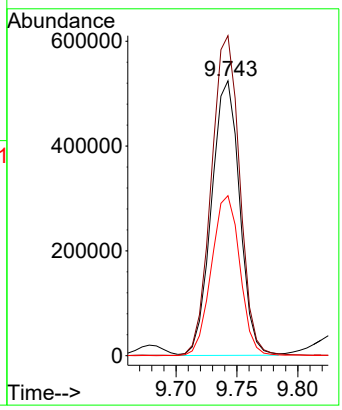




#27
2,4-Dimethylphenol
Concen: 80.280 ng
RT: 9.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 84246

Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8



Instrument :
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ClientSampleId :
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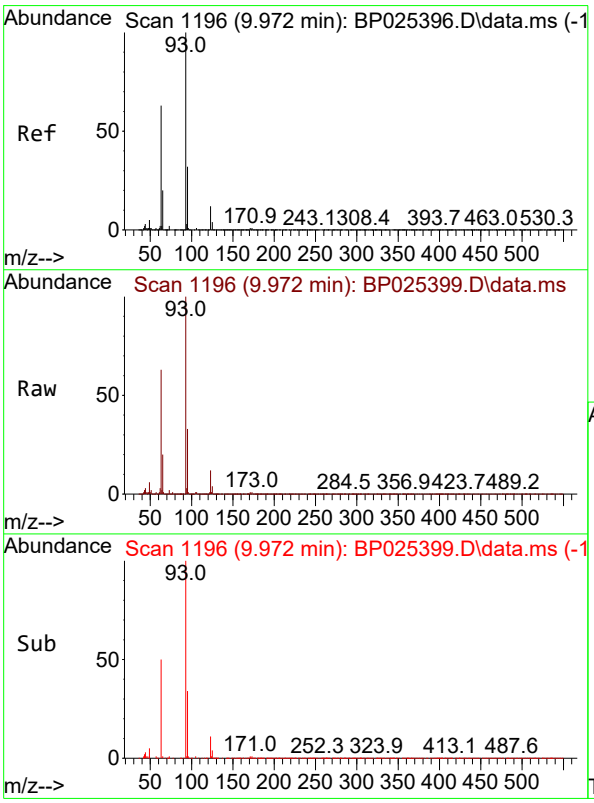
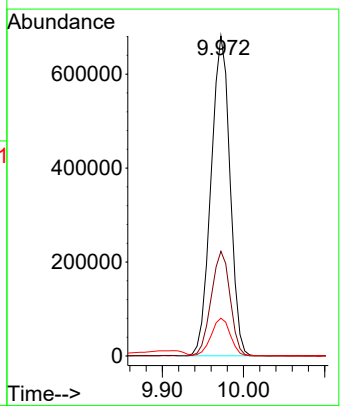
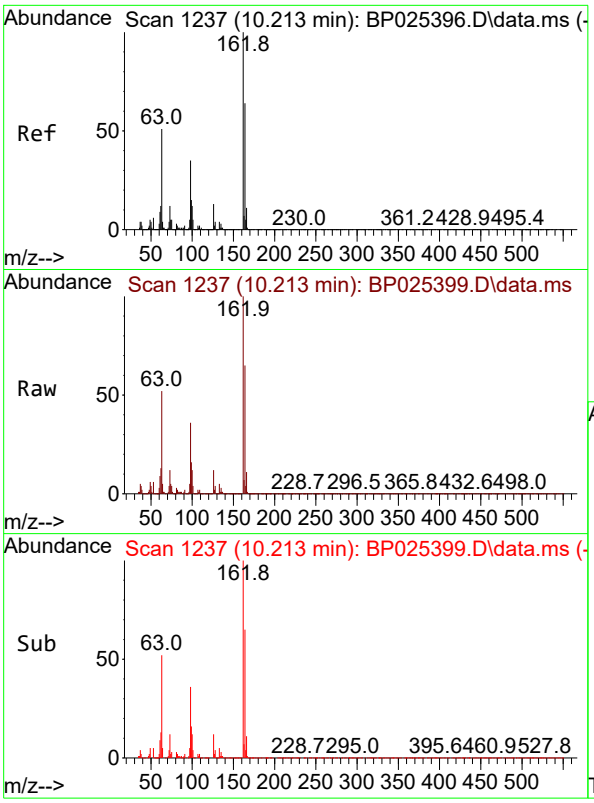


#28
bis(2-Chloroethoxy)methane
Concen: 77.542 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 93 Resp: 1103640

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0

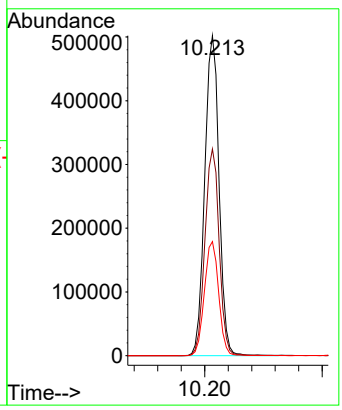




#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 84478

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	35.6	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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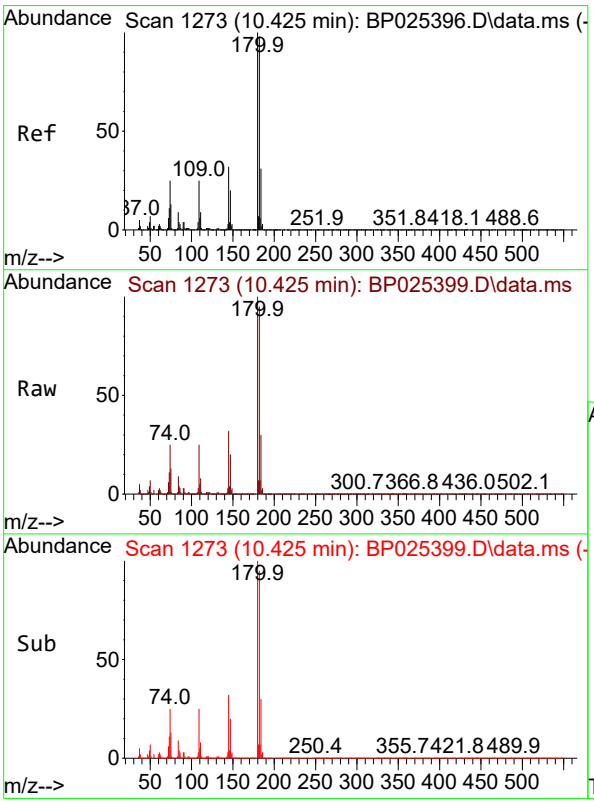
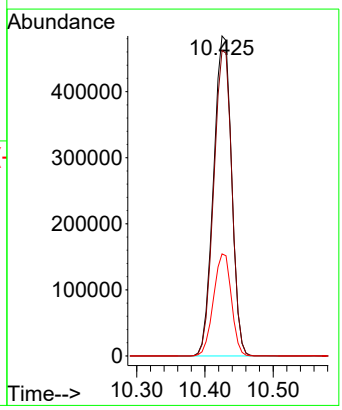
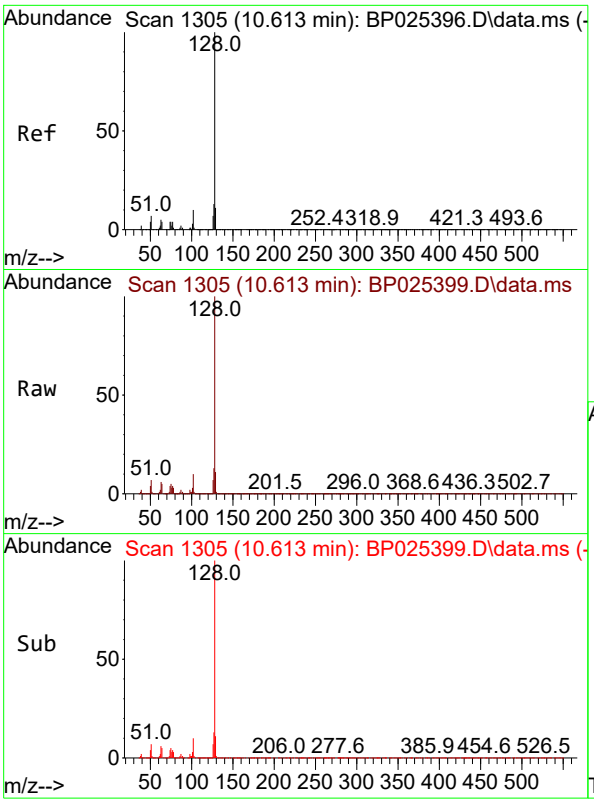


#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:180 Resp: 892771

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.9	25.9	38.9

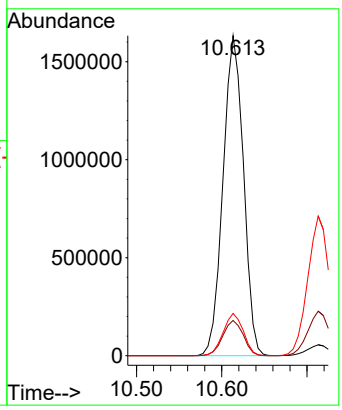




#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:128 Resp: 272270

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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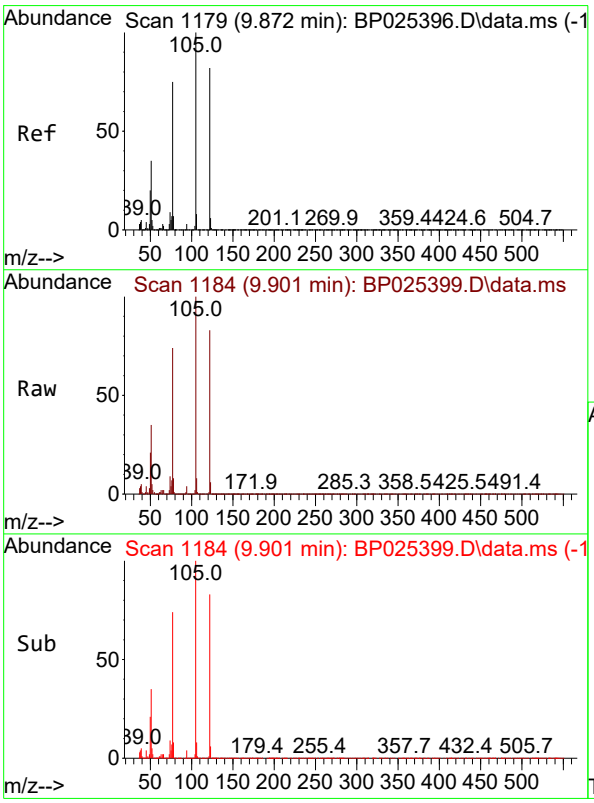
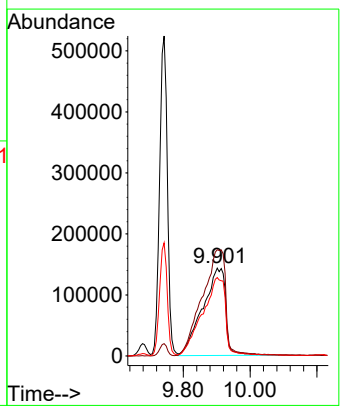
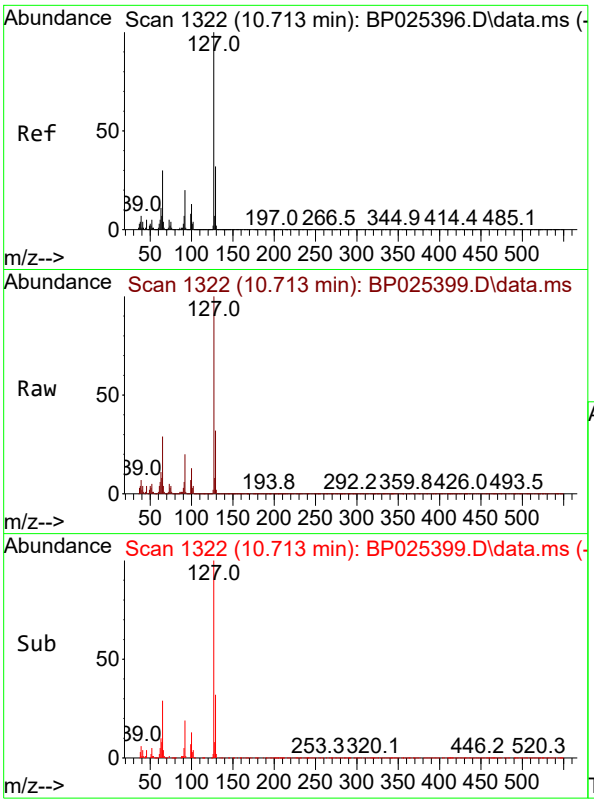


#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:122 Resp: 686791

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.6	140.6
77	89.3	71.5	111.5

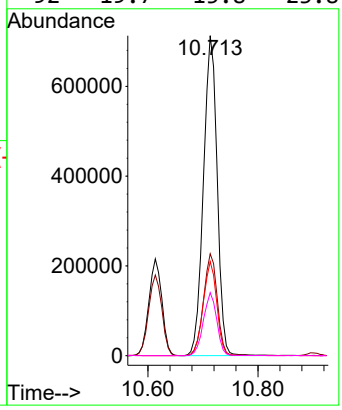




#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:127 Resp: 123243

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	29.4	23.8	35.6
92	19.7	15.8	23.8



Instrument :
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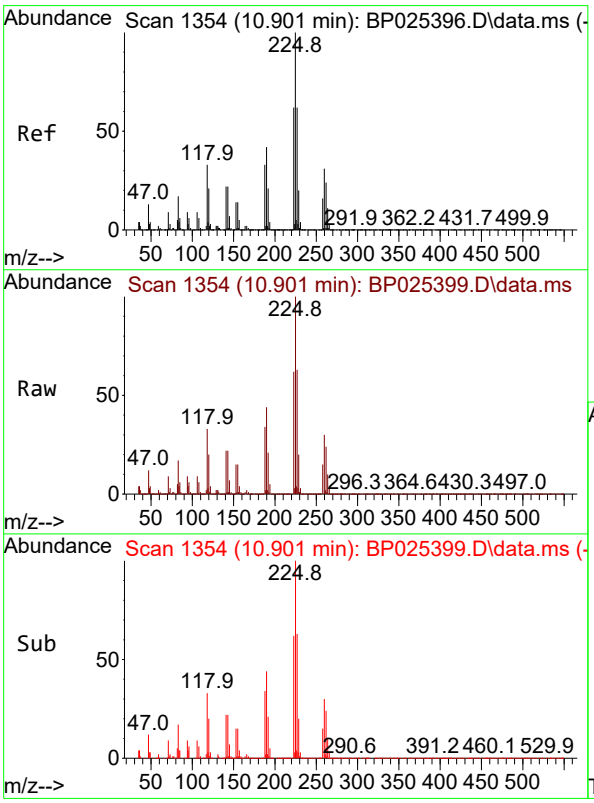
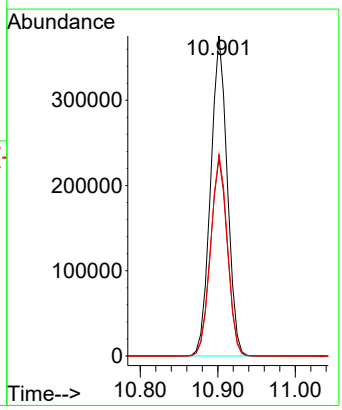
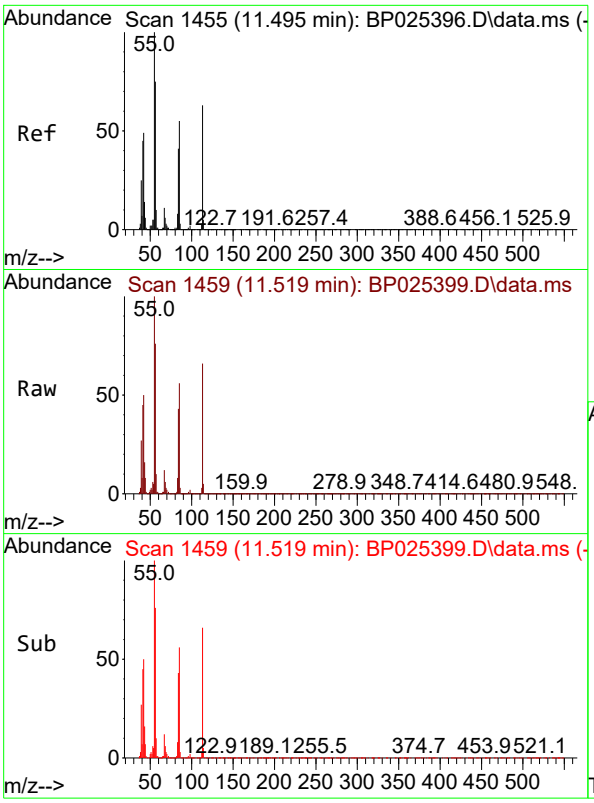


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:225 Resp: 557922

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	62.9	49.7	74.5

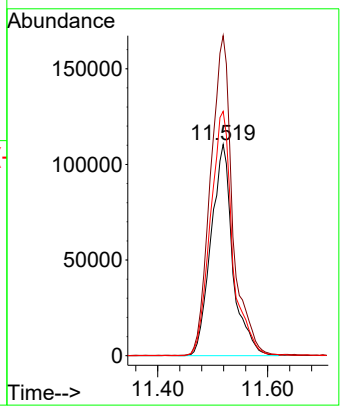




#35
Caprolactam
Concen: 79.233 ng
RT: 11.519 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:113 Resp: 30287

Ion	Ratio	Lower	Upper
113	100		
55	151.5	140.0	180.0
56	115.6	100.0	140.0



Instrument :
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ClientSampleId :
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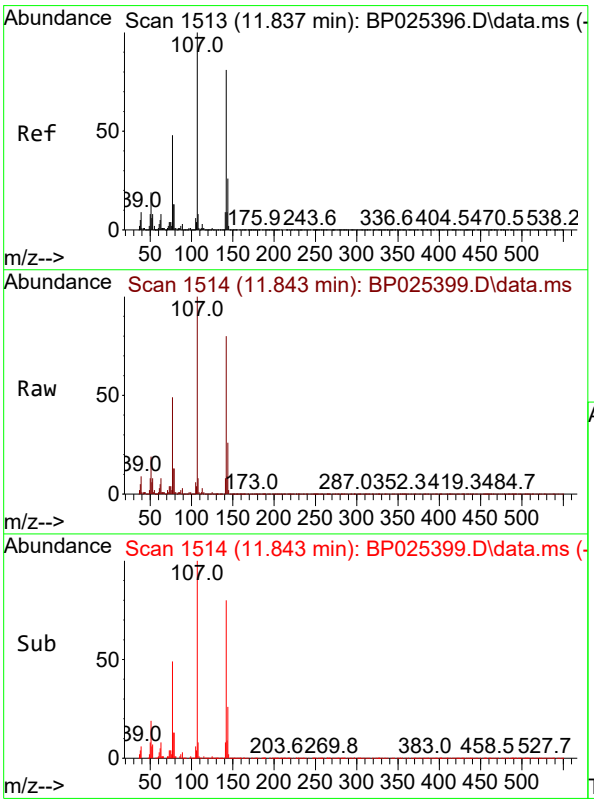
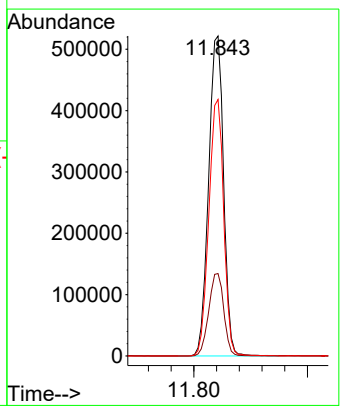
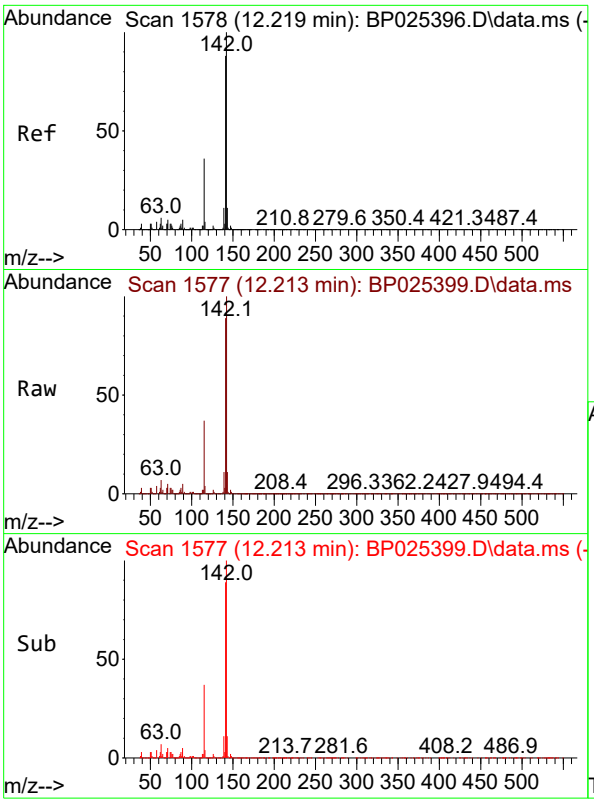


#36
4-Chloro-3-methylphenol
Concen: 79.399 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 949779

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	80.2	64.6	97.0

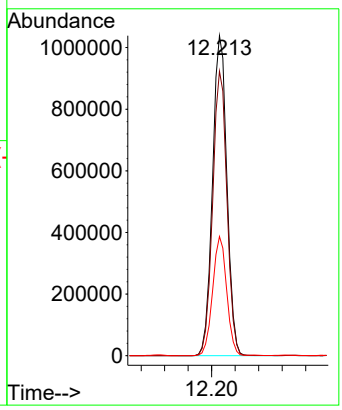




#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 176132

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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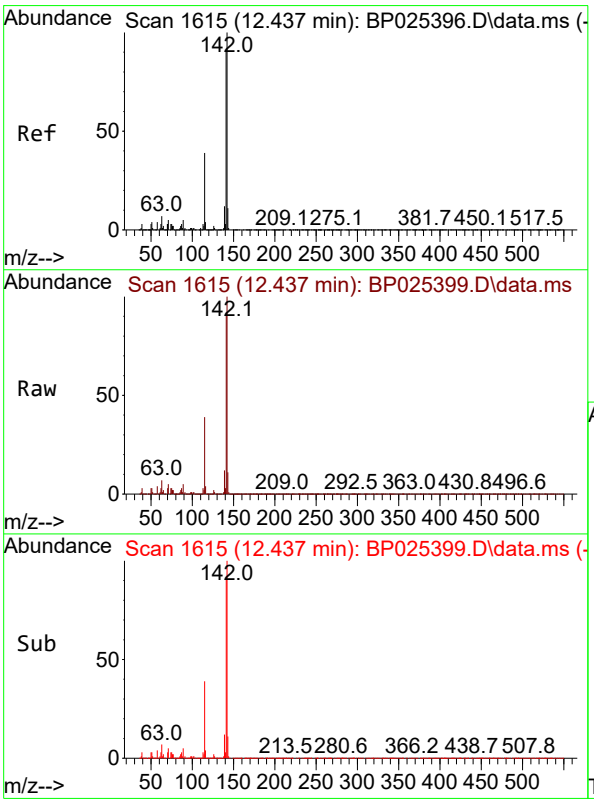
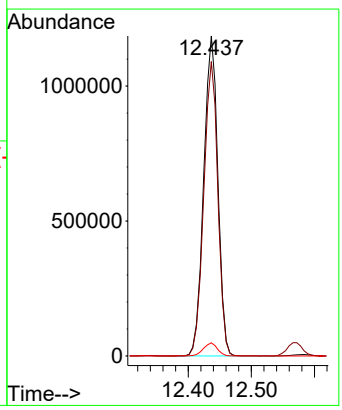
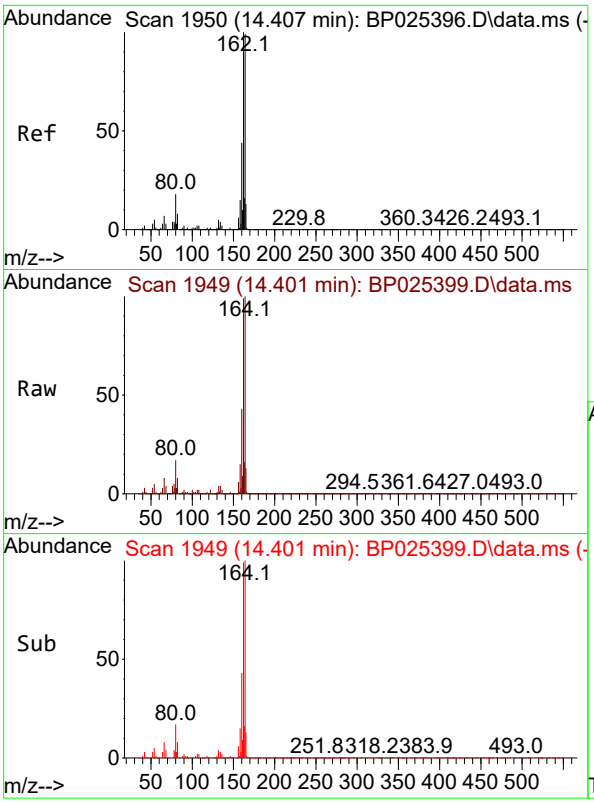


#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7
116	4.1	3.2	4.8

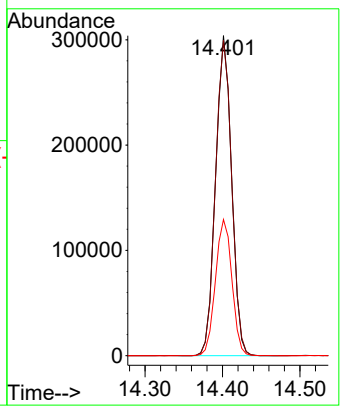




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:164 Resp: 43604

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	42.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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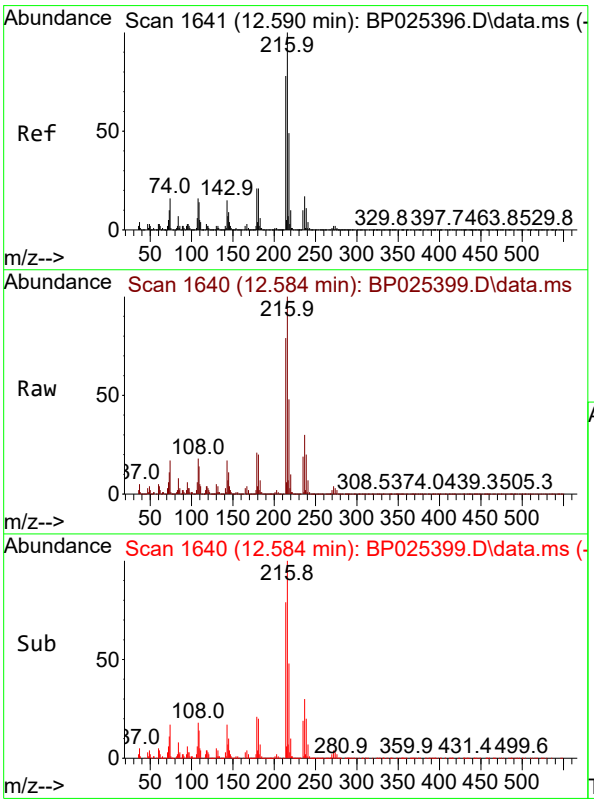
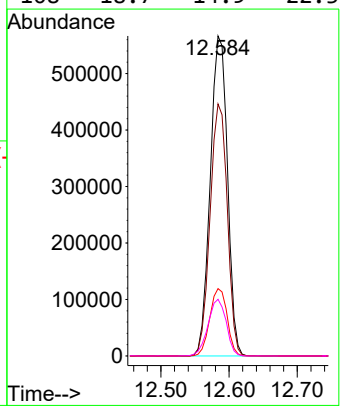
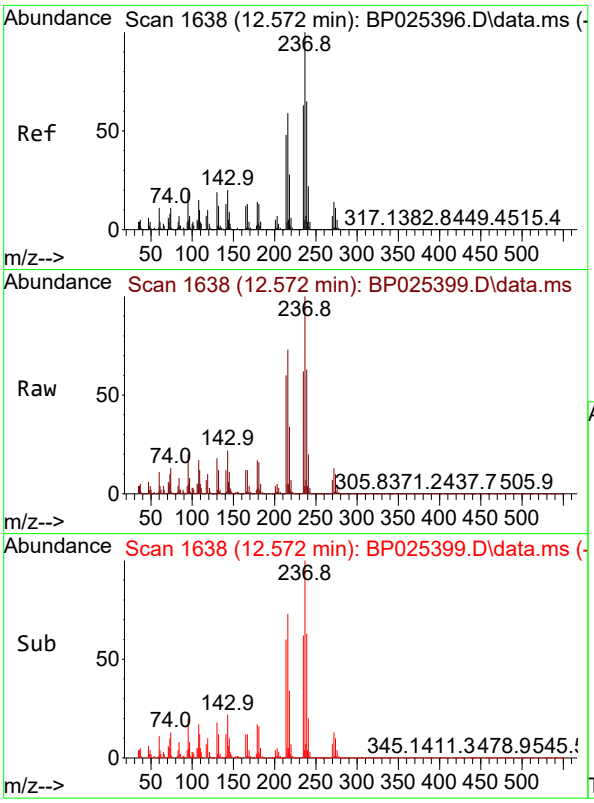


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.014 ng
RT: 12.584 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.2	17.1	25.7
108	18.7	14.9	22.3

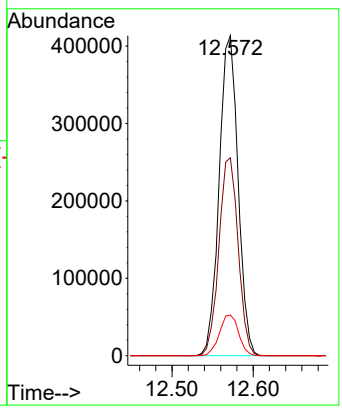




#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:237 Resp: 66877

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.7	82.7
272	12.7	0.0	34.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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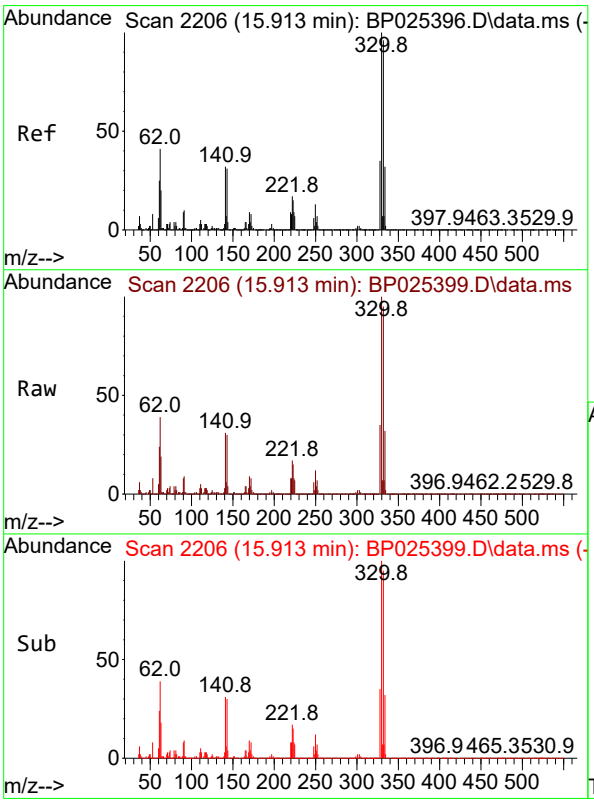
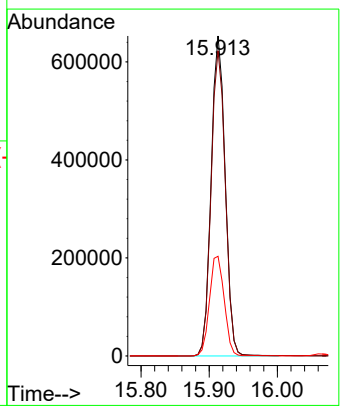
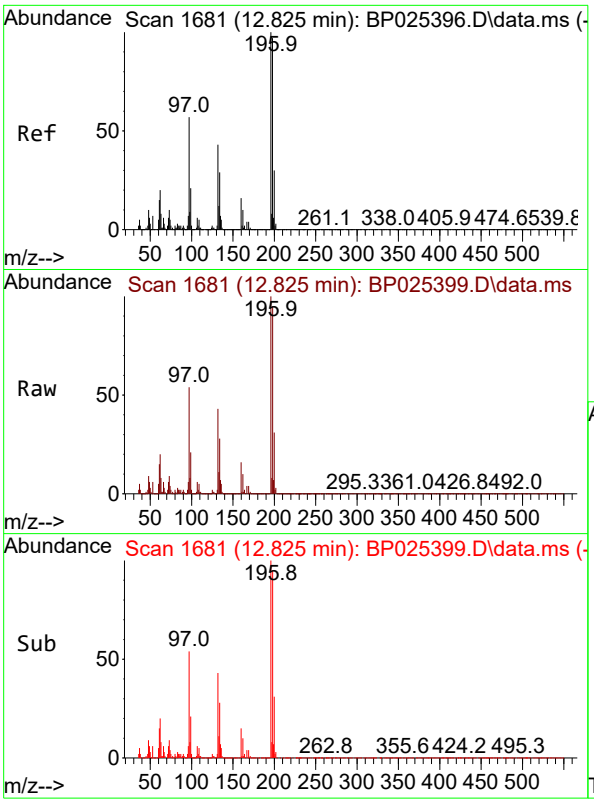


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:330 Resp: 936489

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.8	26.6	39.8

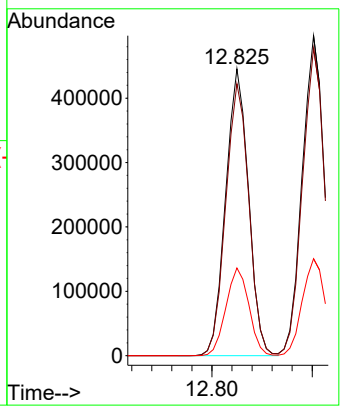




#43
2,4,6-Trichlorophenol
Concen: 83.096 ng
RT: 12.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 70648

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	30.5	23.9	35.9



Instrument :
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ClientSampleId :
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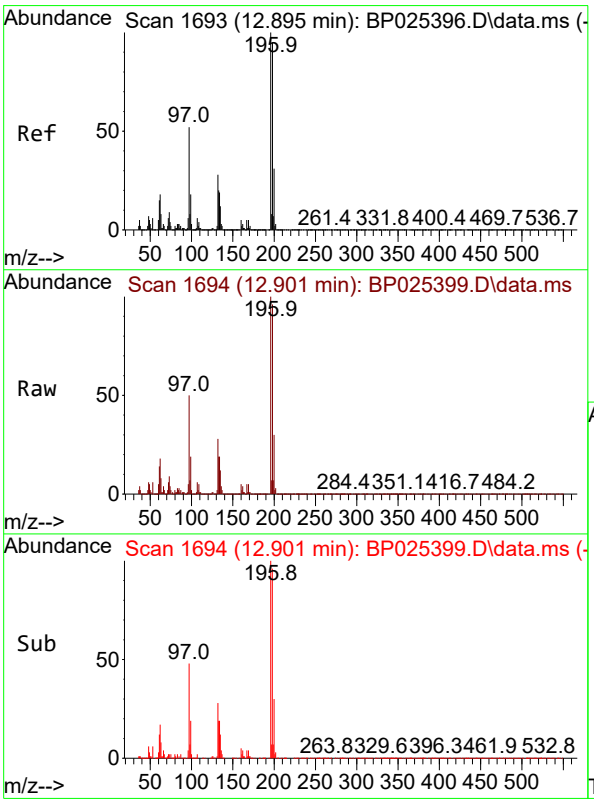
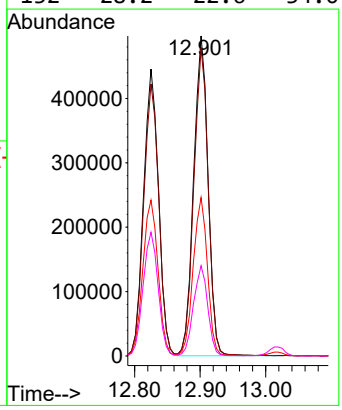
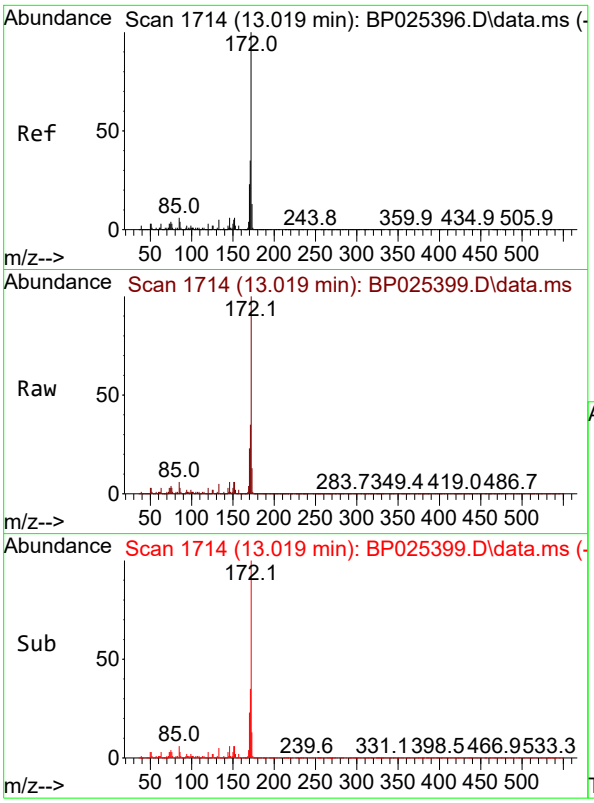


#44
2,4,5-Trichlorophenol
Concen: 81.870 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:196 Resp: 762861

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0

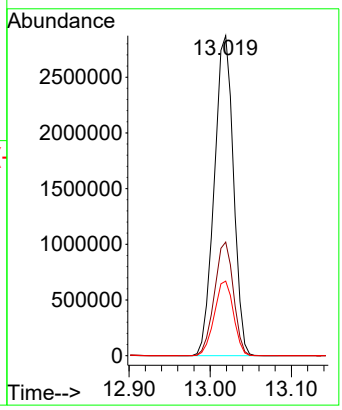




#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:172 Resp: 471259

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.3	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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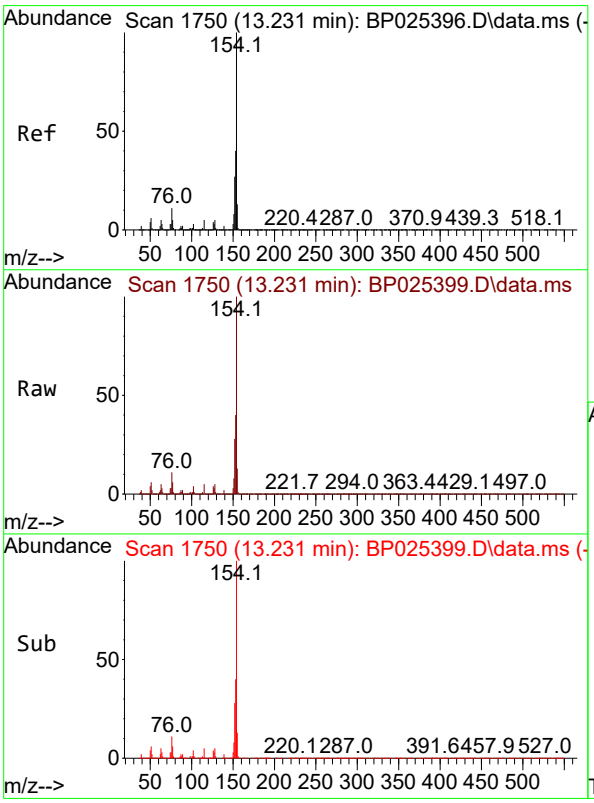
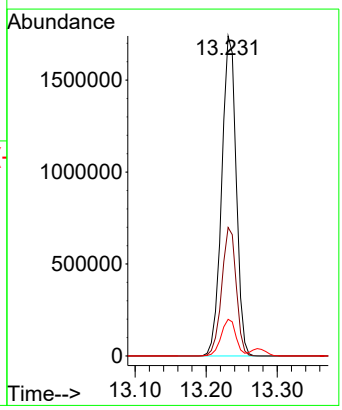
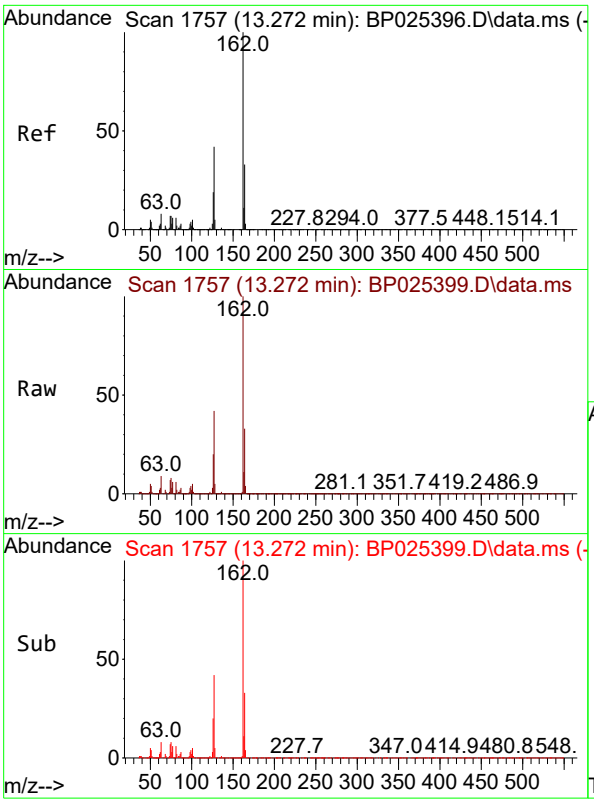


#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 2453536

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.5	0.0	31.1

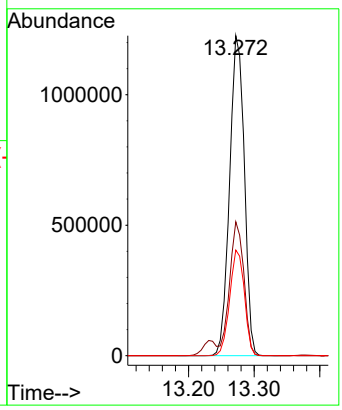




#47
2-Chloronaphthalene
Concen: 77.804 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:162 Resp: 191812

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	33.0	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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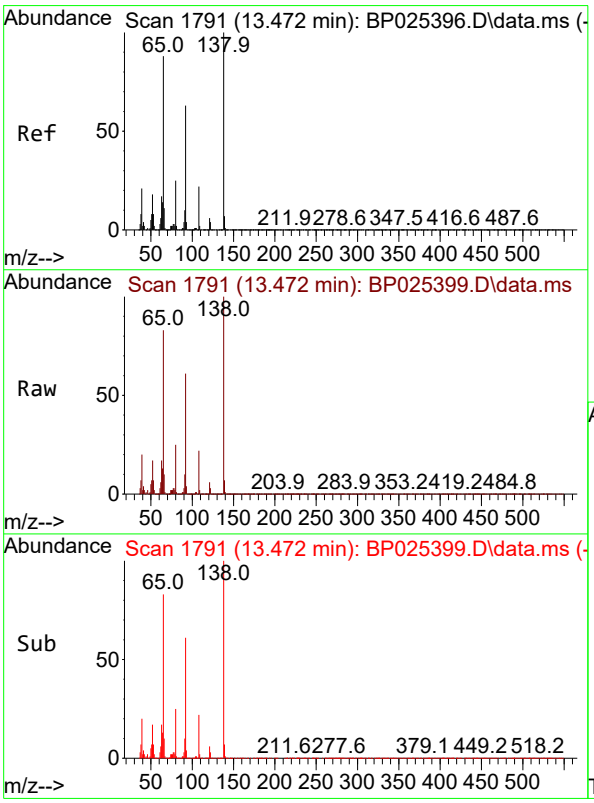
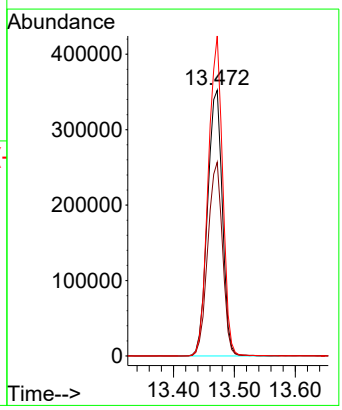
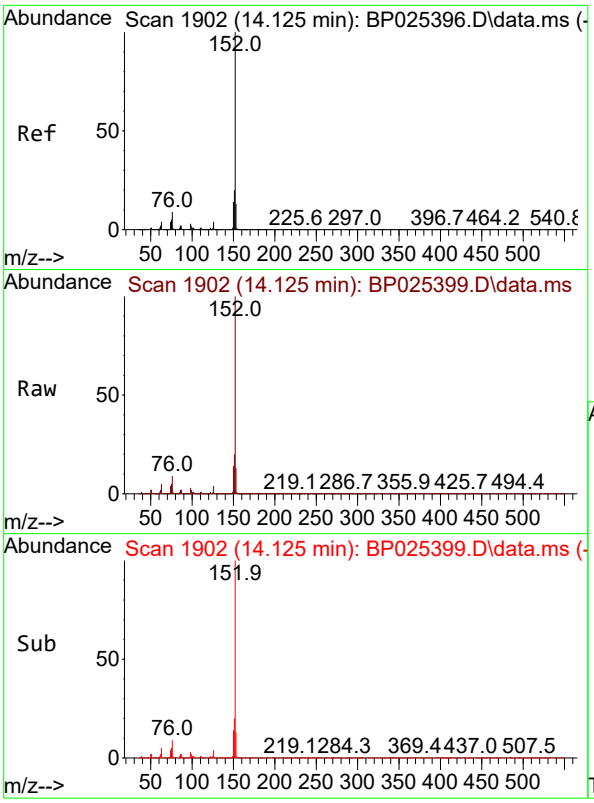


#48
2-Nitroaniline
Concen: 82.788 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 65 Resp: 594696

Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.6	86.4
138	120.4	91.0	136.6

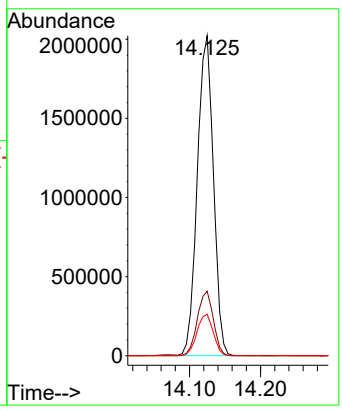




#49
Acenaphthylene
Concen: 78.318 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:152 Resp: 319491

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.0	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
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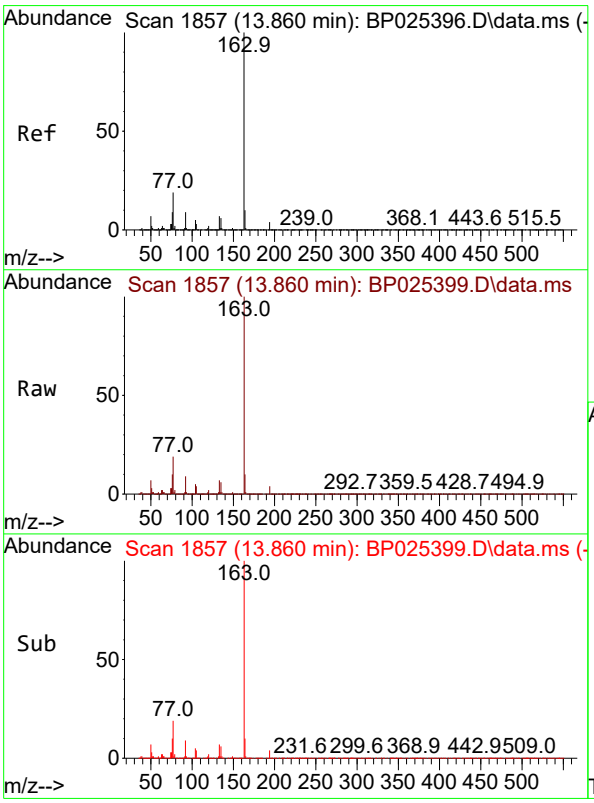
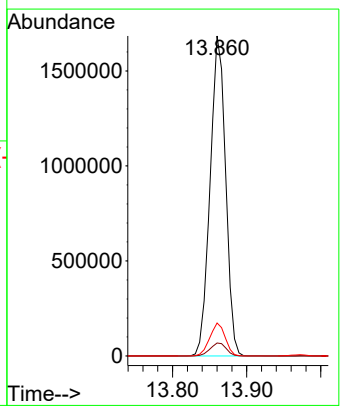
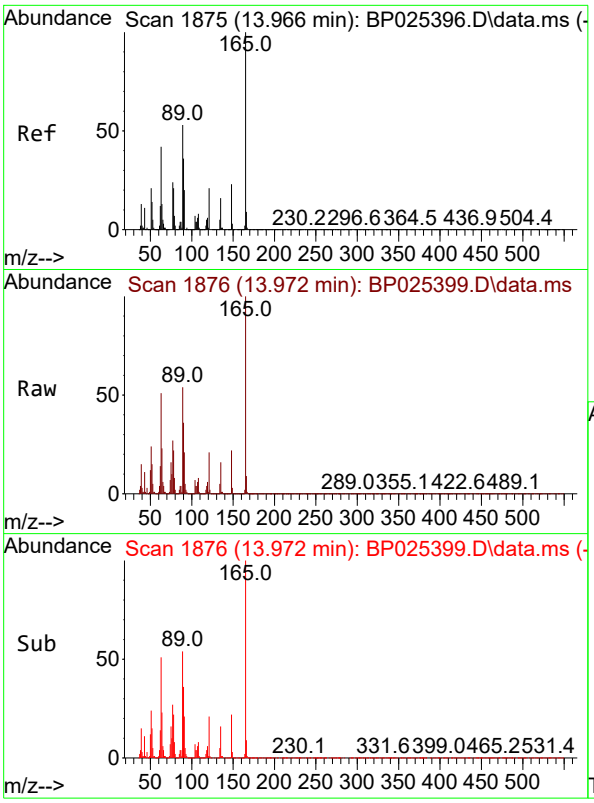


#50
Dimethylphthalate
Concen: 76.632 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:163 Resp: 2446951

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 54271

Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.9	61.3
89	54.4	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
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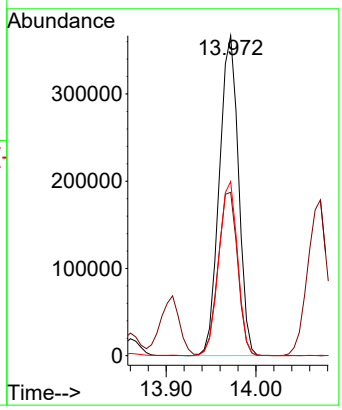
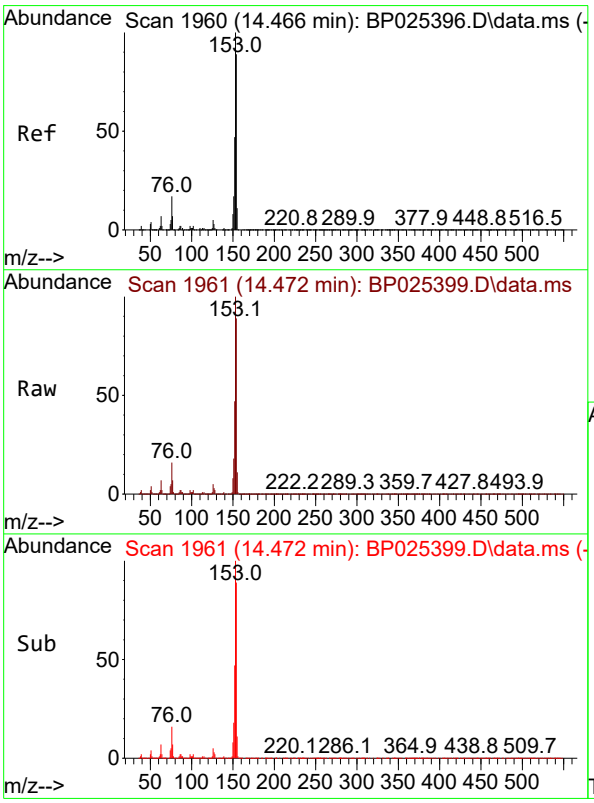
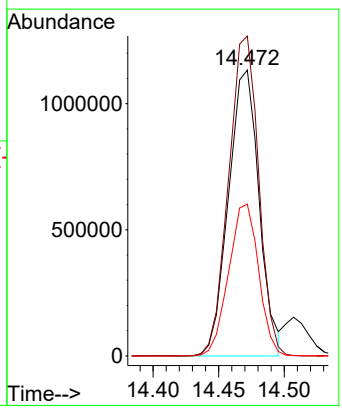


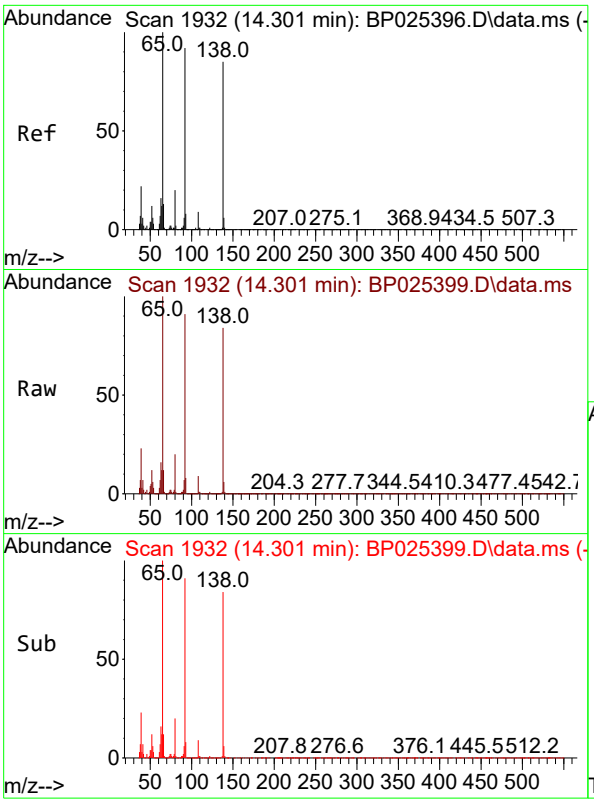


#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 1841448

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.2
152	53.1	42.1	63.1

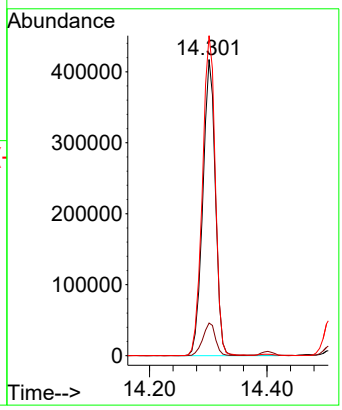




#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:138 Resp: 61808

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.3	12.5
92	108.1	86.2	129.2



Instrument :
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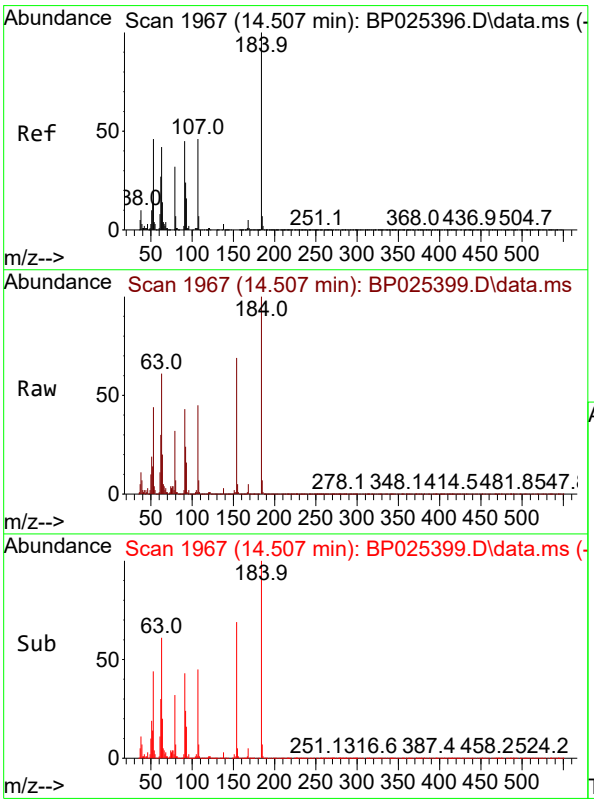
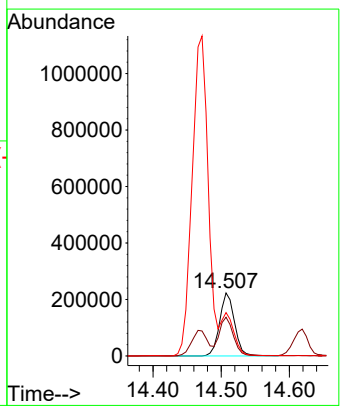
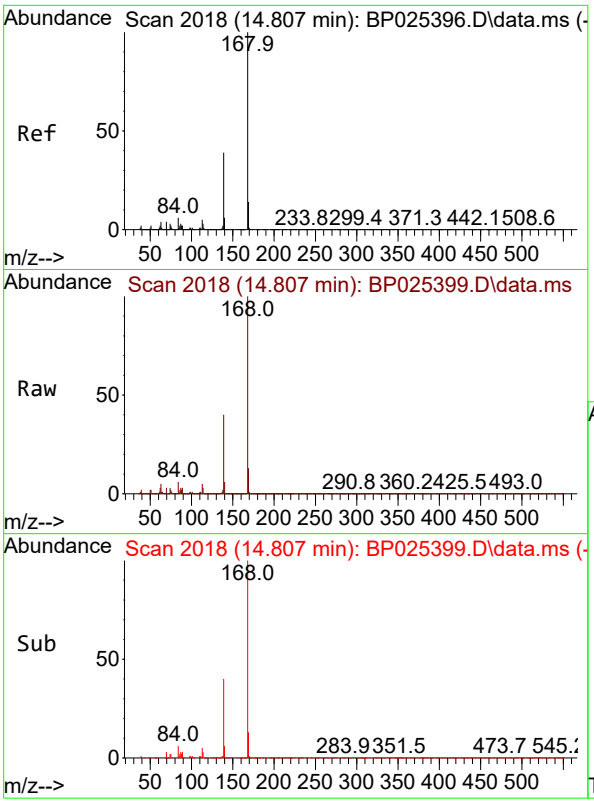


#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 339125

Ion	Ratio	Lower	Upper
184	100		
63	61.4	49.4	74.2
154	68.6	54.6	82.0





#55
Dibenzofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 291593

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.5	47.3
169	13.1	10.9	16.3

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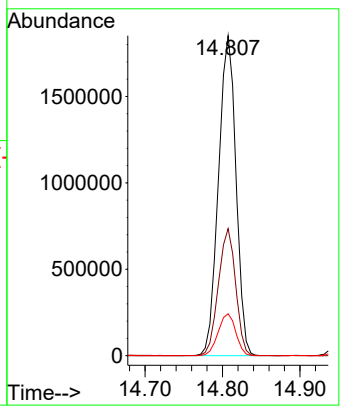
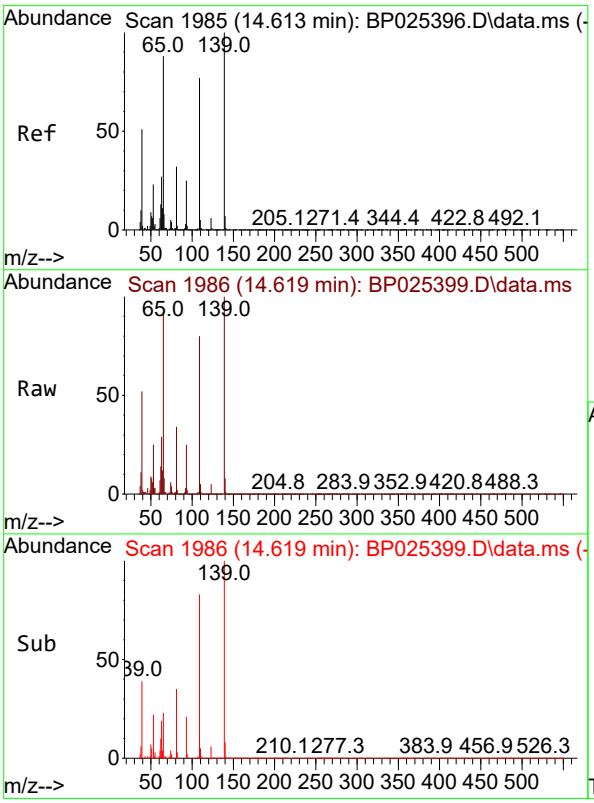
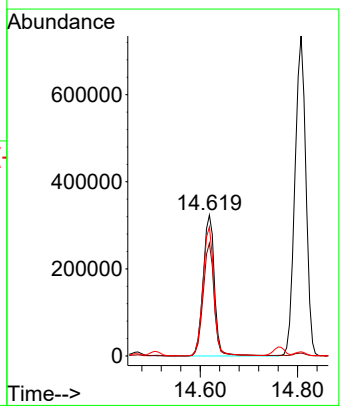


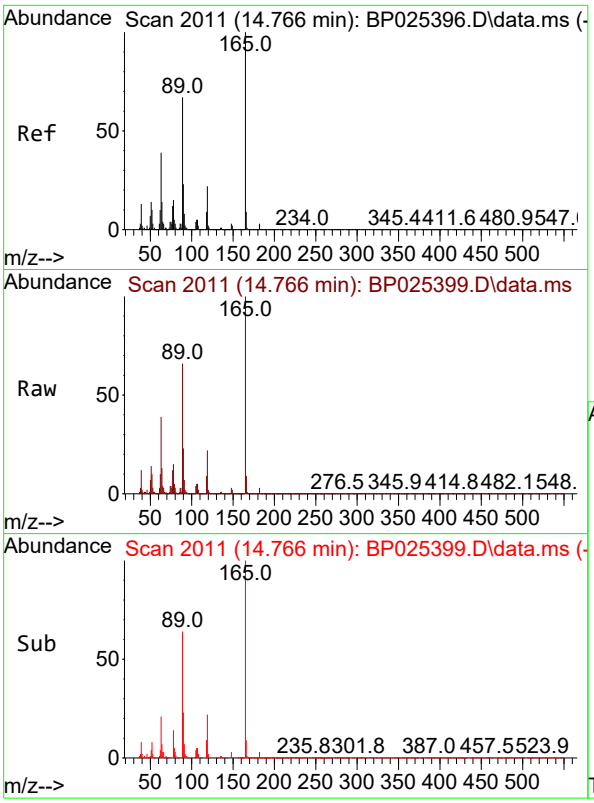


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 520294

Ion	Ratio	Lower	Upper
139	100		
109	80.0	56.6	96.6
65	91.5	68.2	108.2

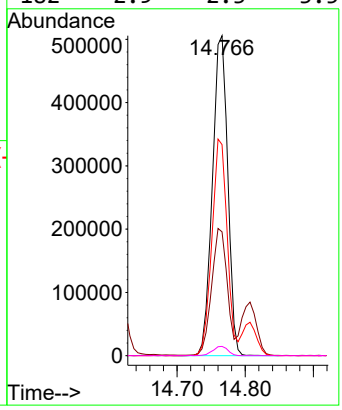




#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:165 Resp: 79121

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.4	47.2
89	66.0	53.3	79.9
182	2.9	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
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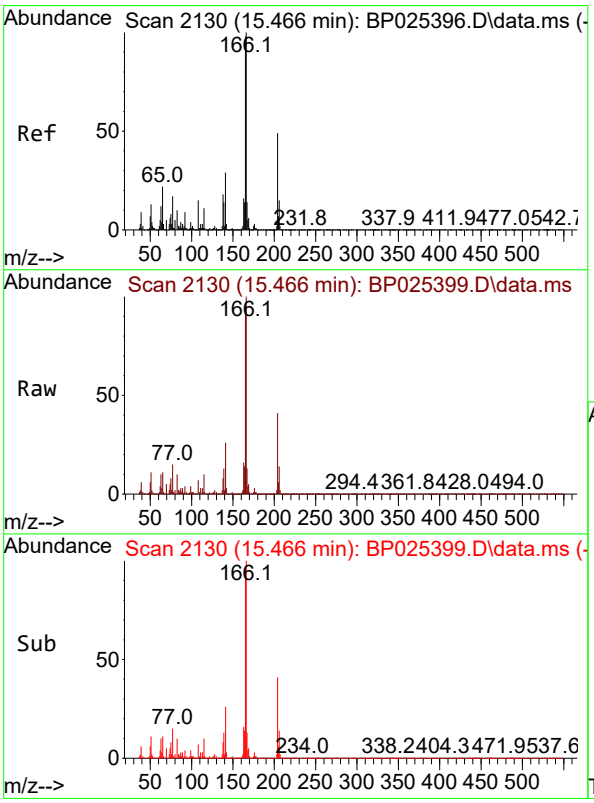
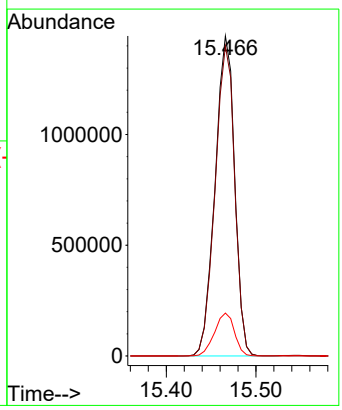
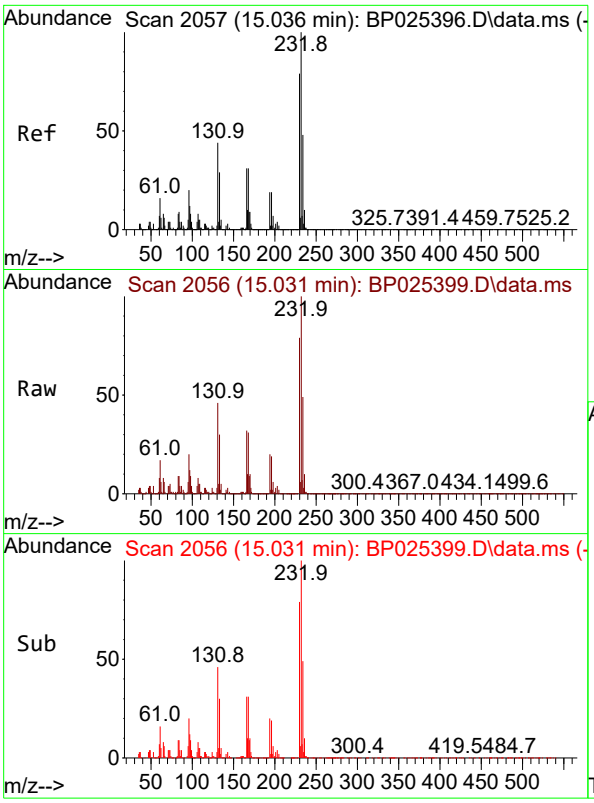


#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	13.4	11.0	16.4

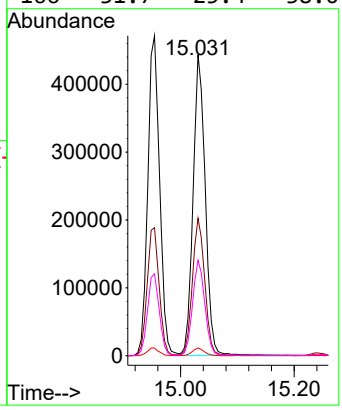




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.448 ng
RT: 15.031 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:232 Resp: 66189

Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.6
130	2.5	1.9	2.9
166	31.7	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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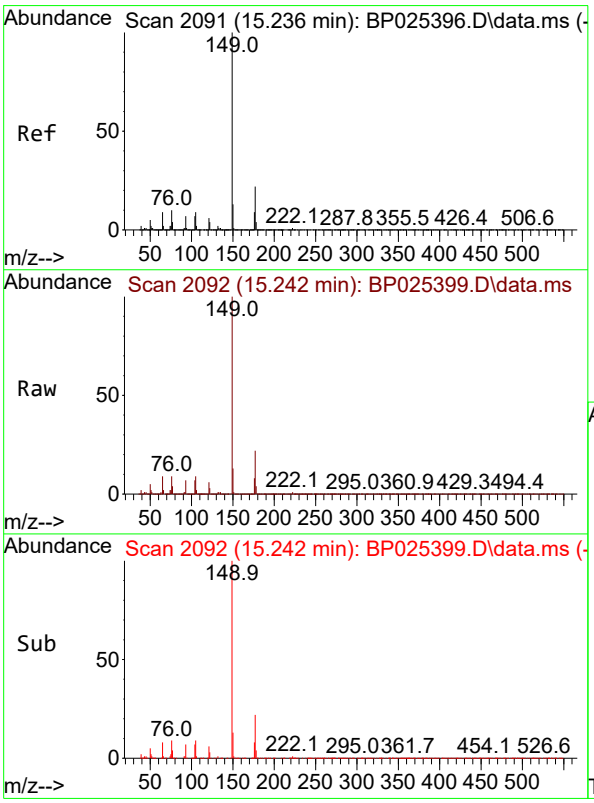
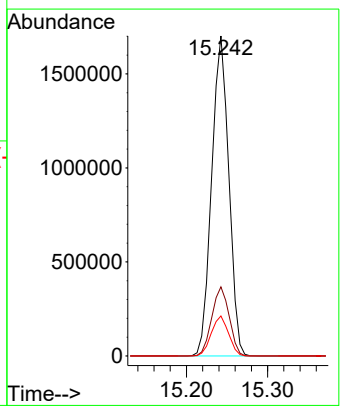
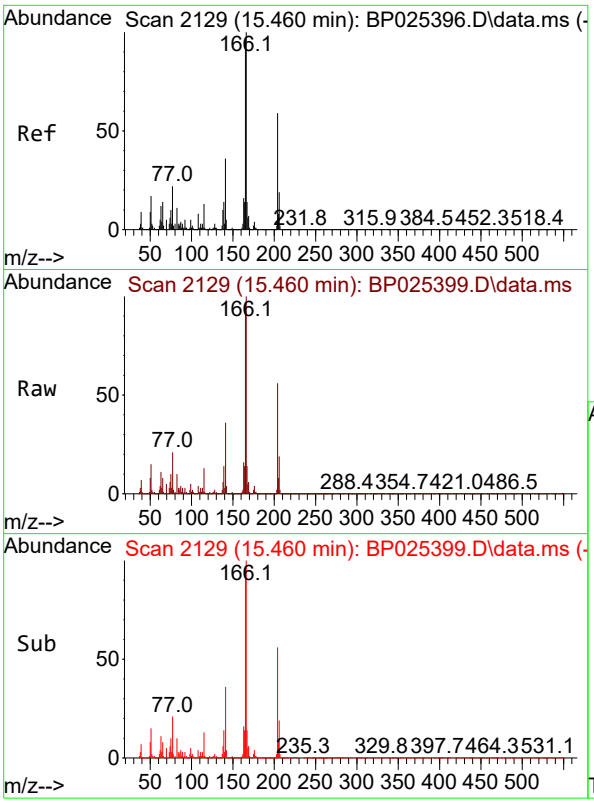


#60
Diethylphthalate
Concen: 76.870 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2494087

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.5	10.3	15.5

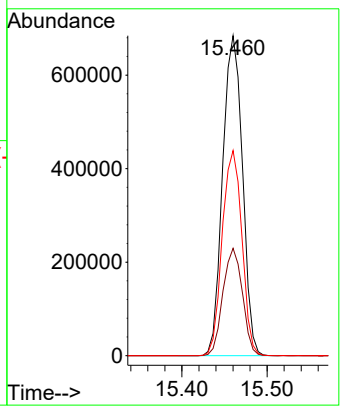




#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:204 Resp: 110515

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	64.1	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
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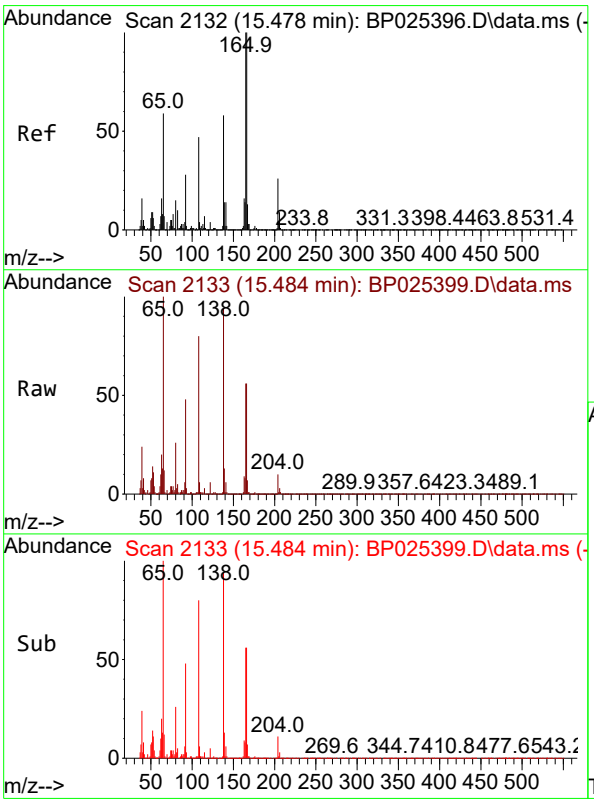
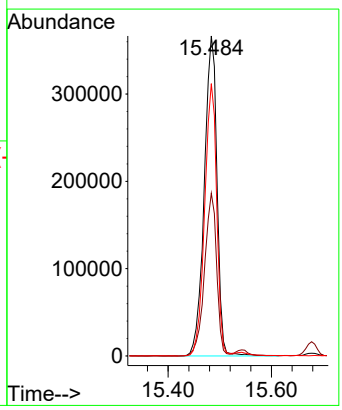
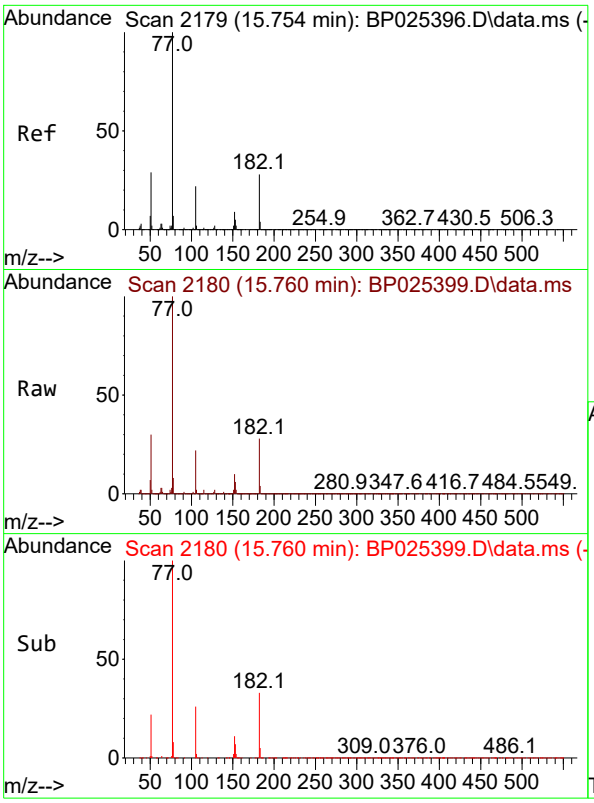


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:138 Resp: 626525

Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.1	69.1
108	85.1	61.5	101.5

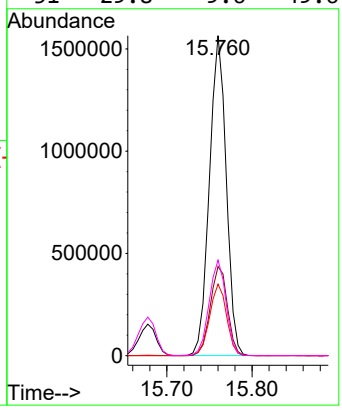




#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 77 Resp: 213967

Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.5	47.5
105	22.3	2.1	42.1
51	29.8	9.6	49.6



Instrument :
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ClientSampleId :
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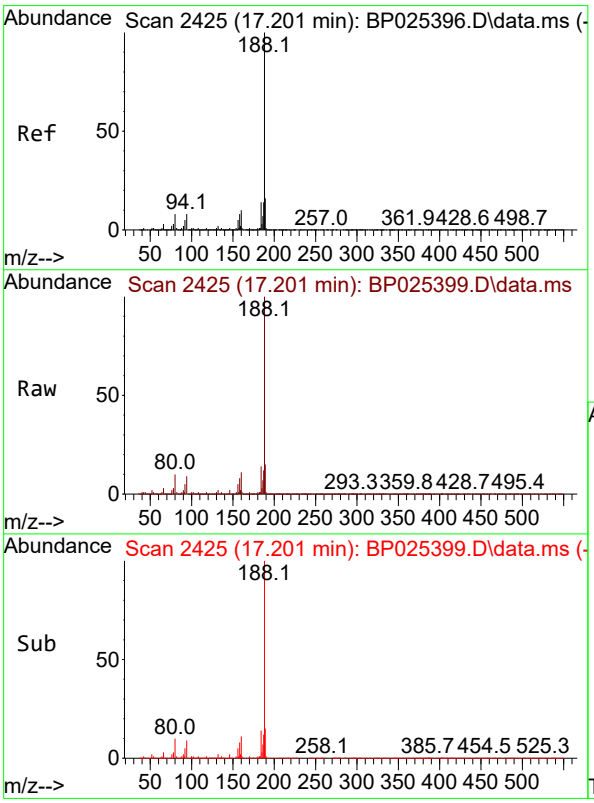
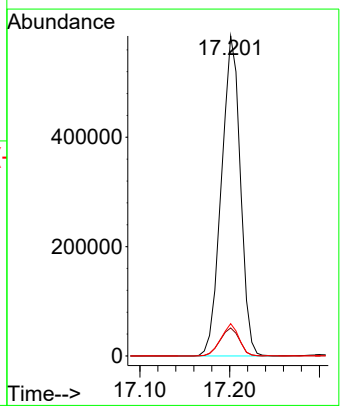
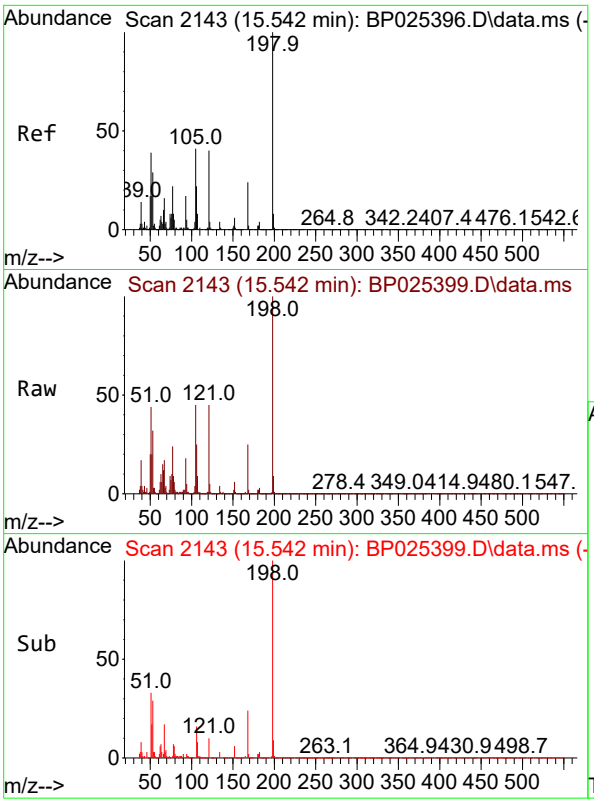


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	10.1	6.7	10.1#

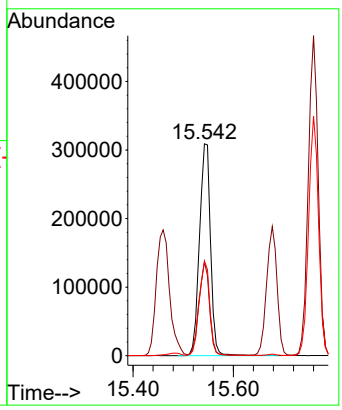




#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:198 Resp: 47260

Ion	Ratio	Lower	Upper
198	100		
51	44.3	19.6	59.6
105	44.6	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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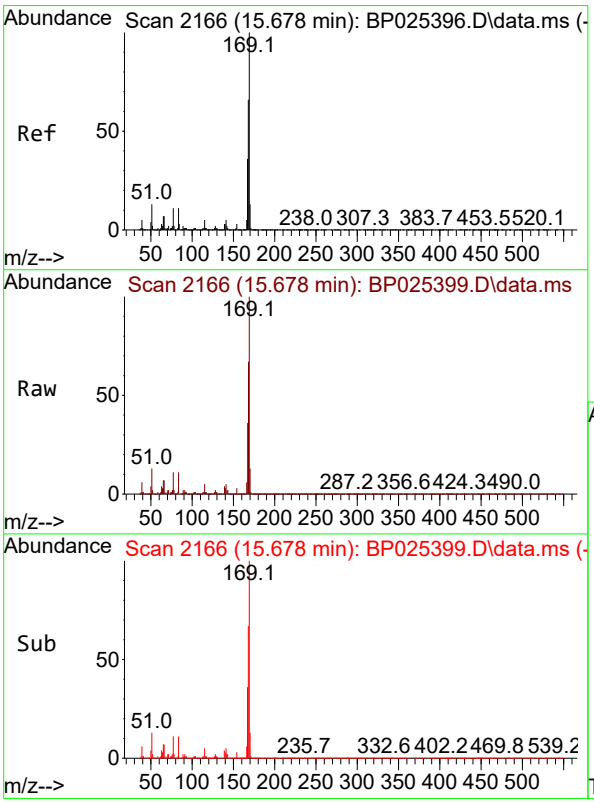
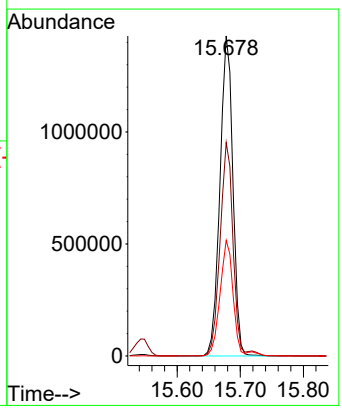
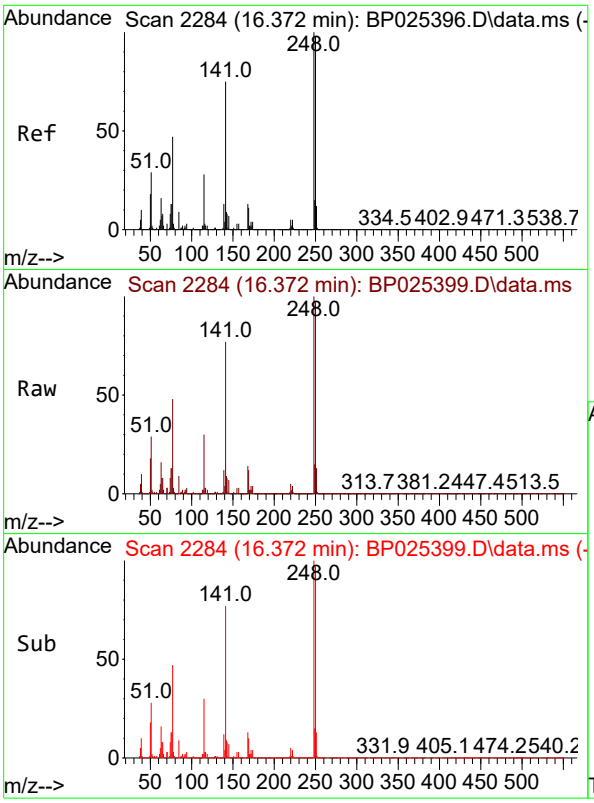


#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:169 Resp: 2034782

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.2	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:248 Resp: 74591

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	77.2	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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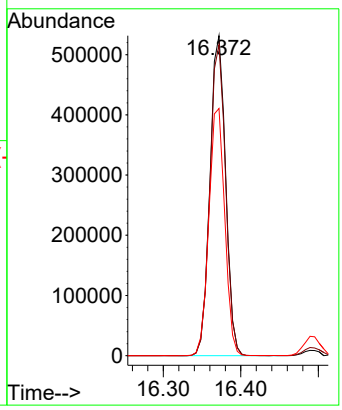
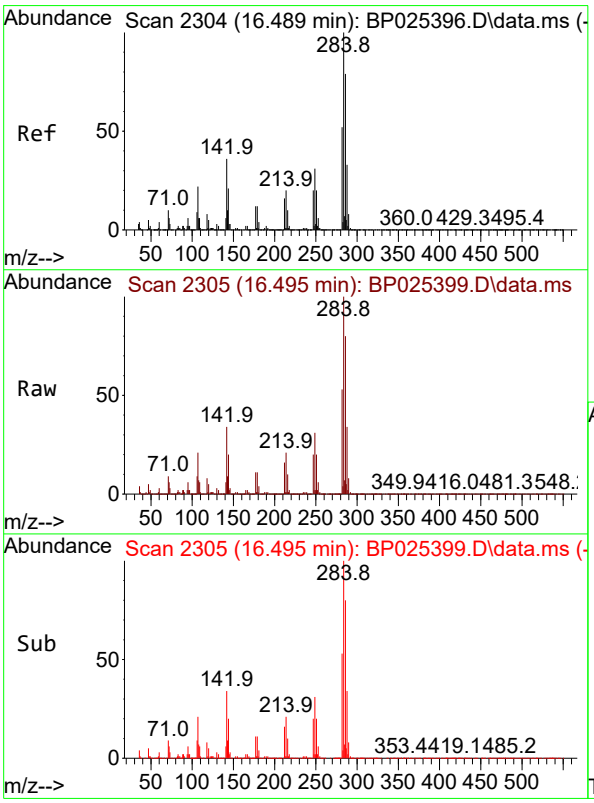
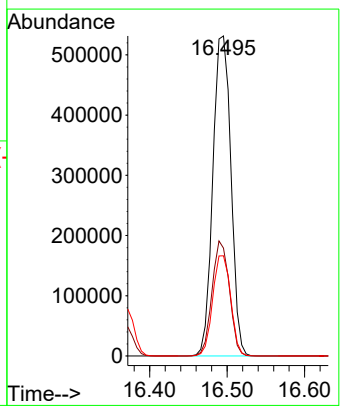


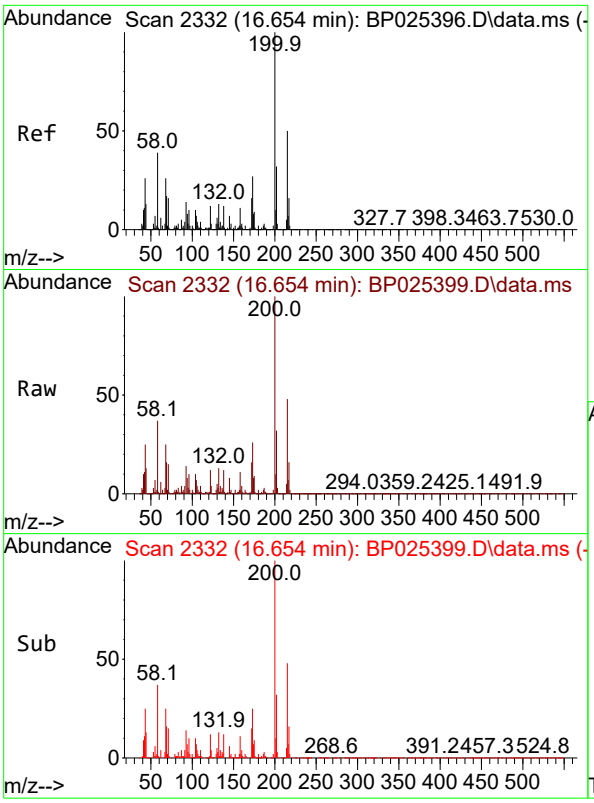


#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:284 Resp: 860051

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.1	43.7
249	31.3	25.0	37.4

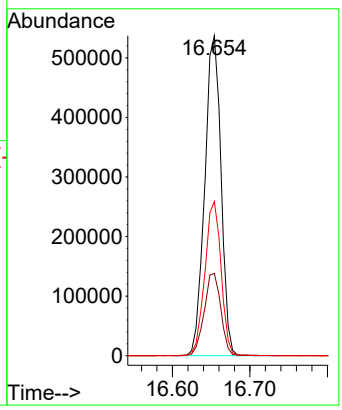




#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:200 Resp: 78353

Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.7	46.7
215	48.2	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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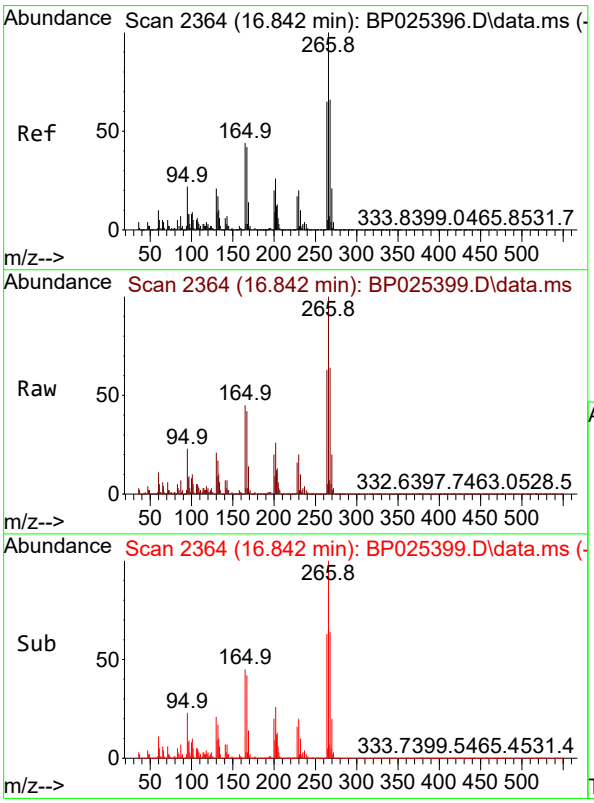
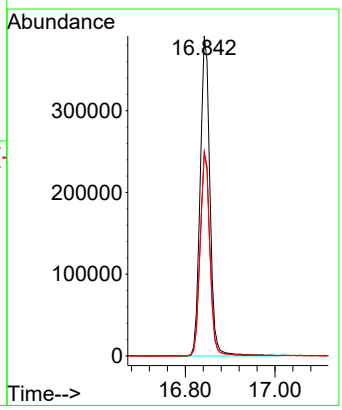
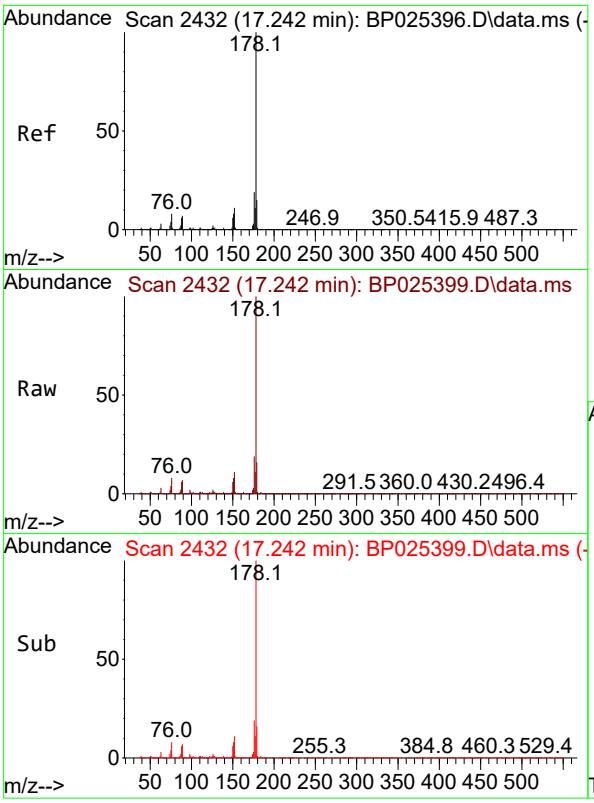


#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:266 Resp: 589673

Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.6	79.0
264	63.4	52.0	78.0

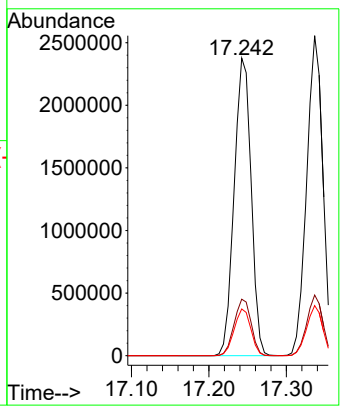




#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 362345

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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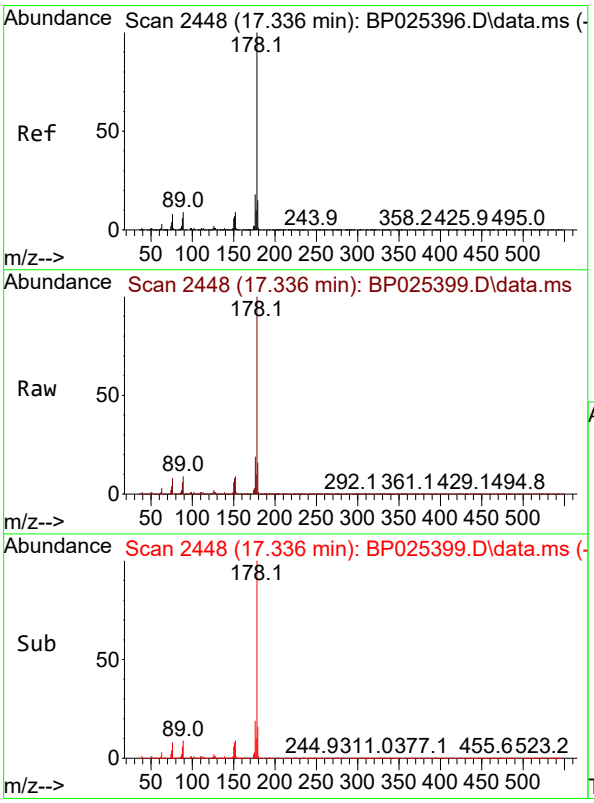
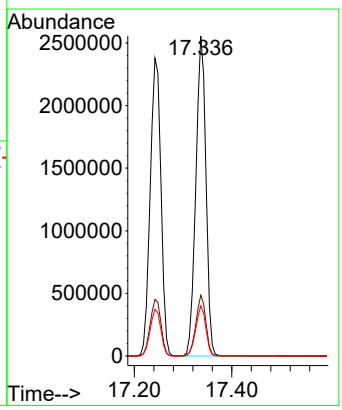
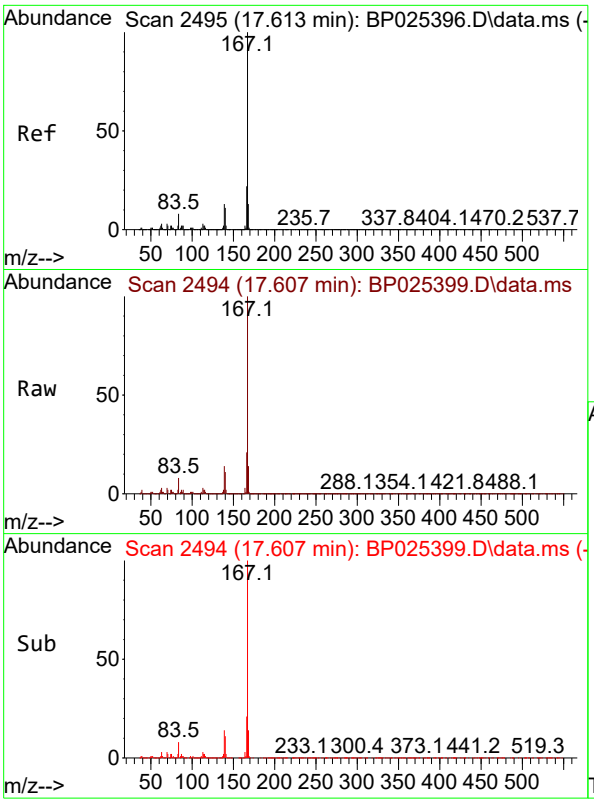


#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:178 Resp: 3702277

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.2	18.2

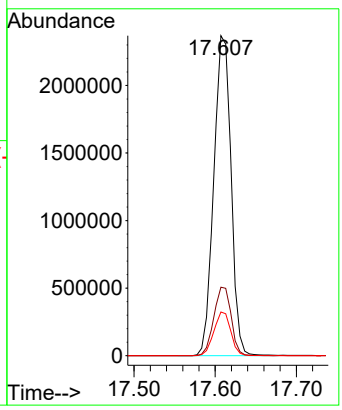




#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:167 Resp: 350327

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.7	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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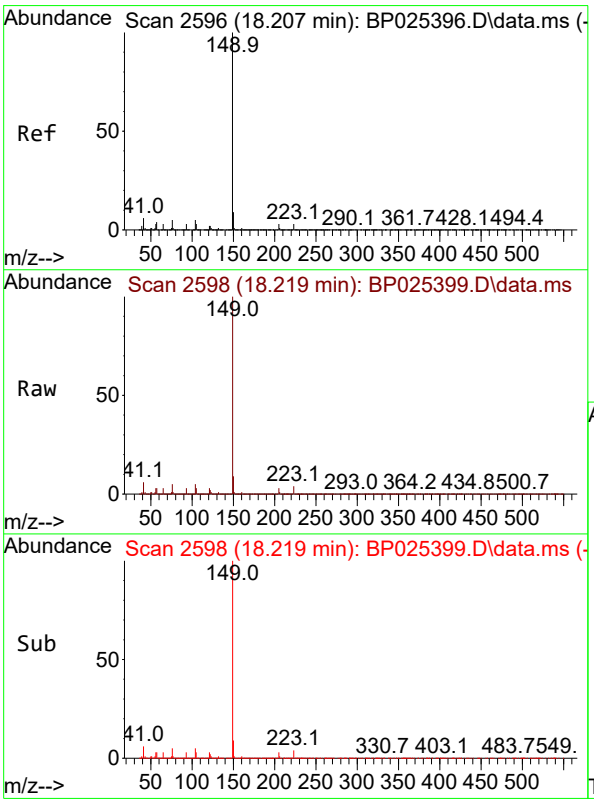
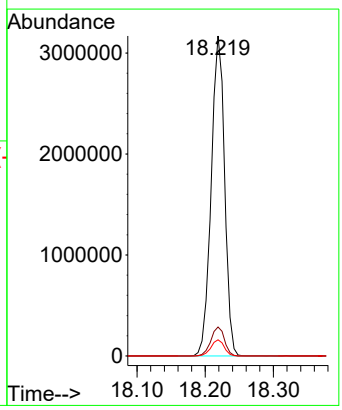
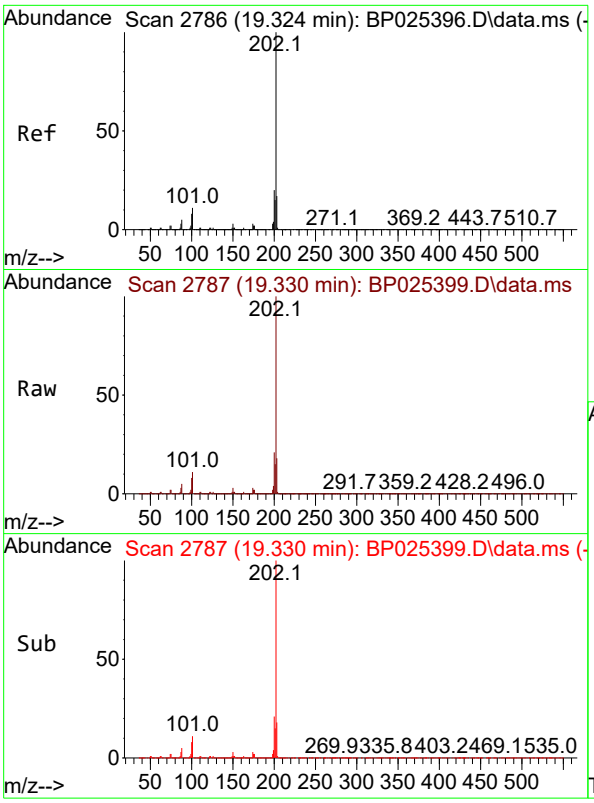


#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 4336701

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.2	6.2





#75
Fluoranthene
Concen: 76.815 ng
RT: 19.330 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 431330

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.8	0.0	37.3

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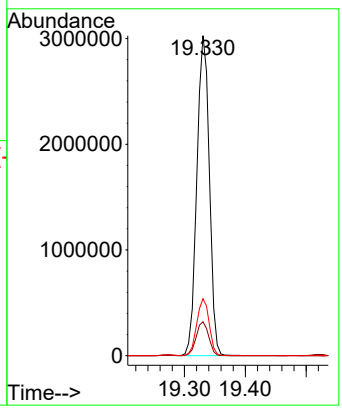
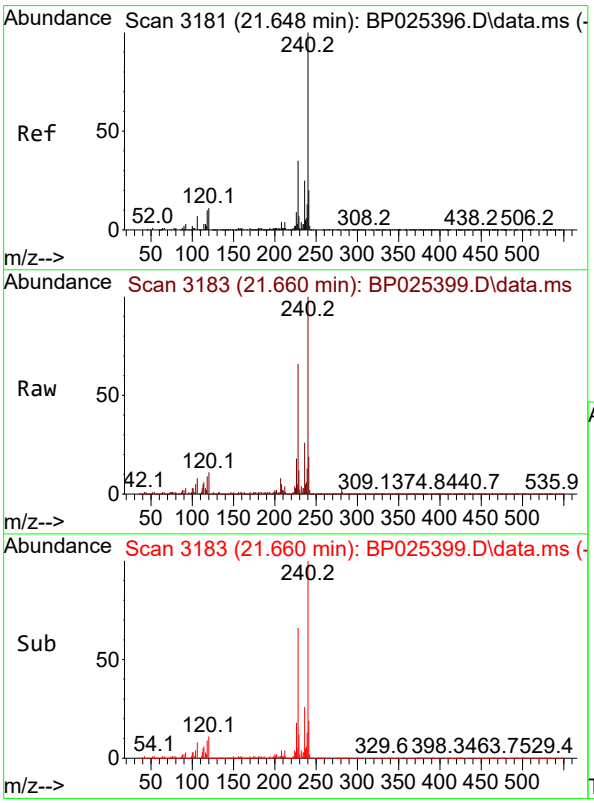
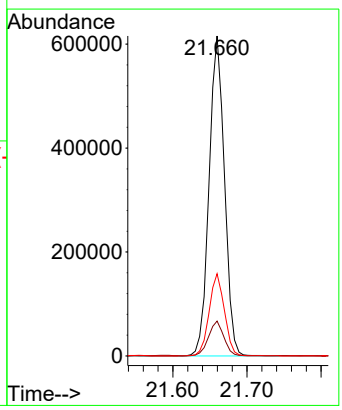


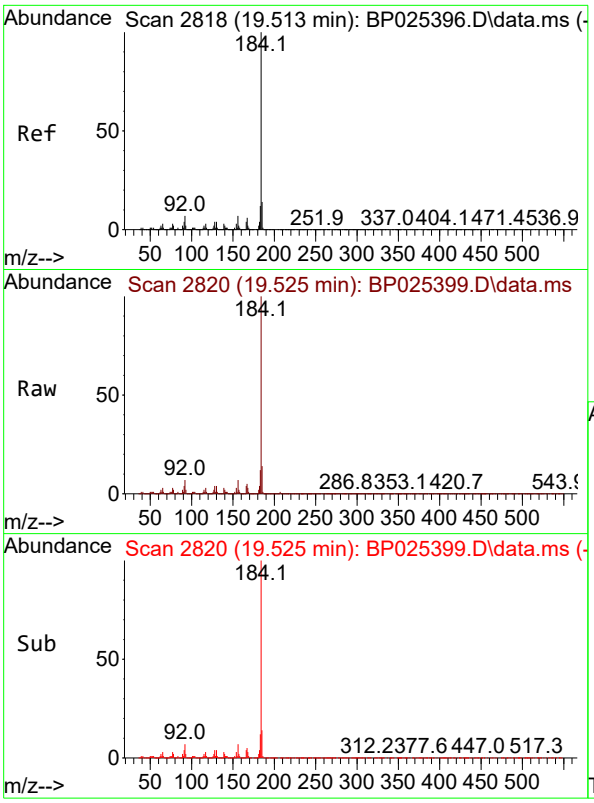


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:240 Resp: 888879

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.7	19.8	29.8

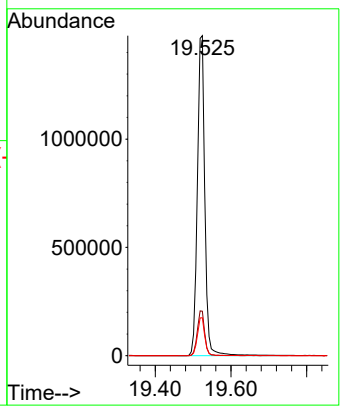




#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:184 Resp: 203624

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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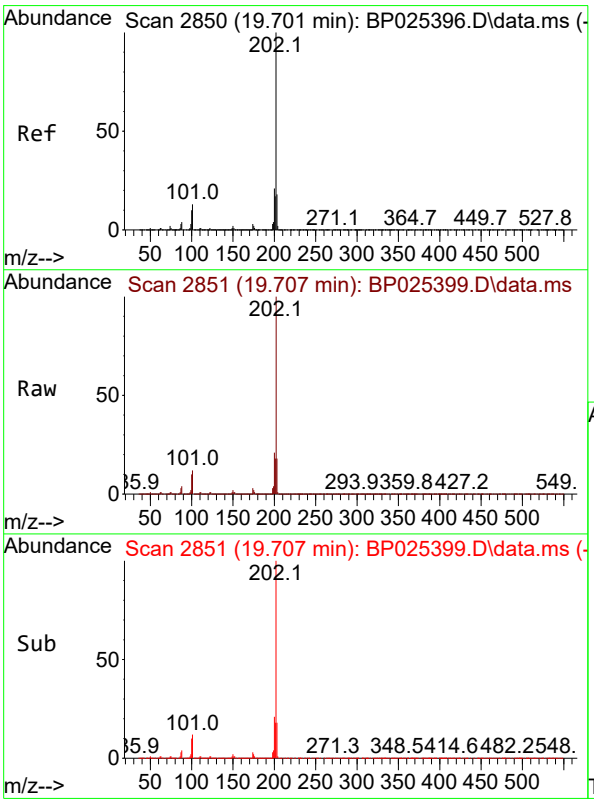
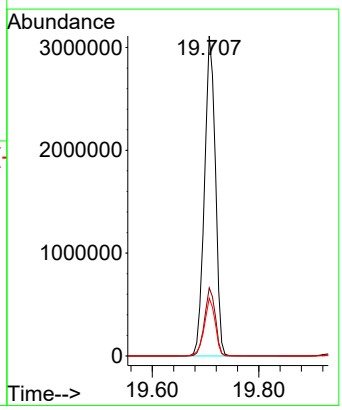
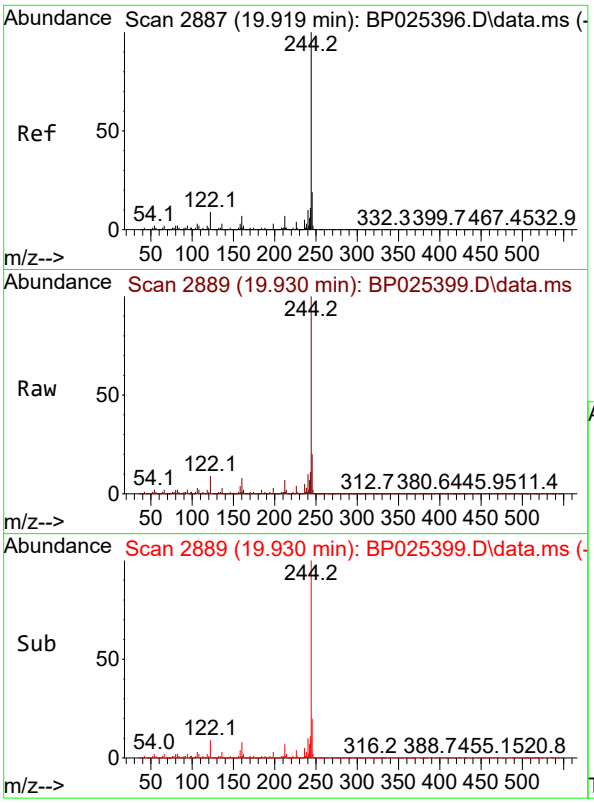


#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:202 Resp: 4410693

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.1	14.2	21.2

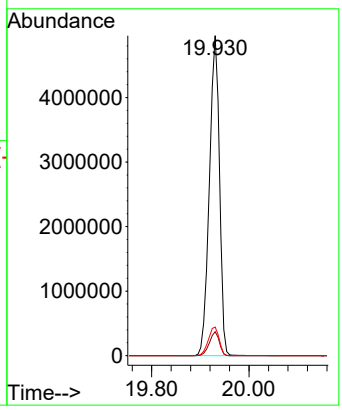




#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:244 Resp: 710381

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.0	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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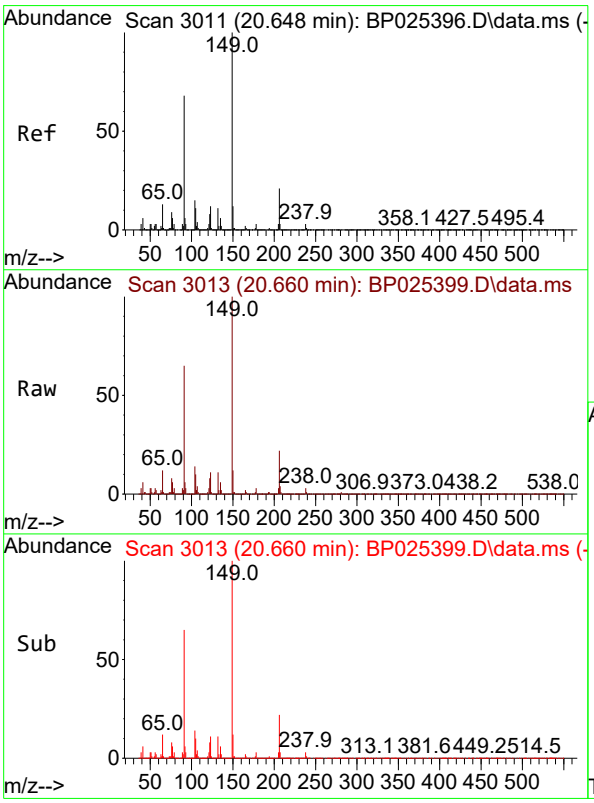
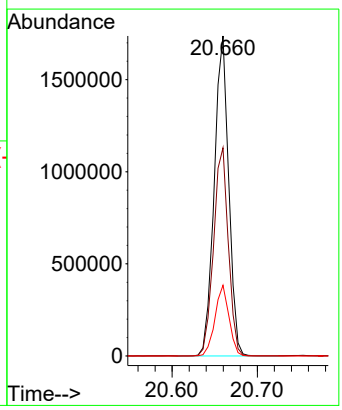
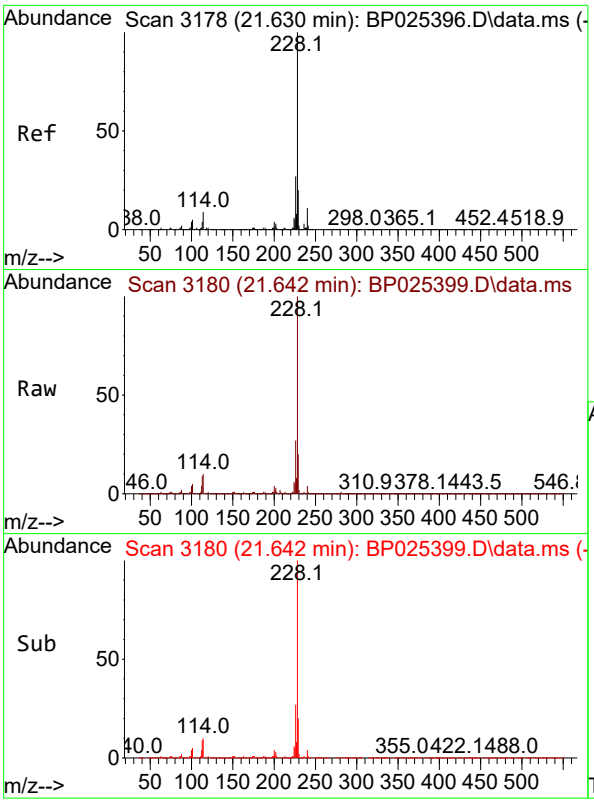


#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 2054404

Ion	Ratio	Lower	Upper
149	100		
91	65.0	54.2	81.2
206	22.1	16.6	24.8

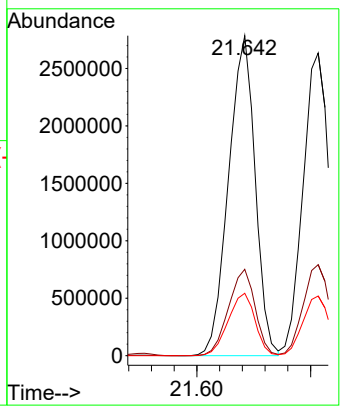




#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 453276

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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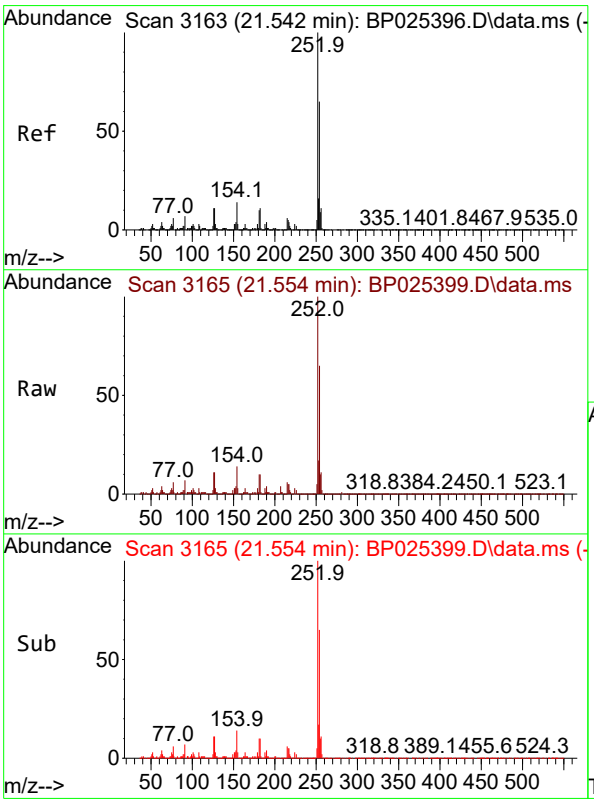
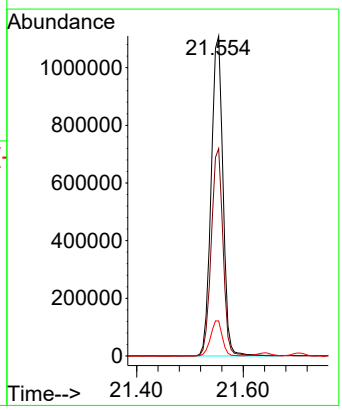
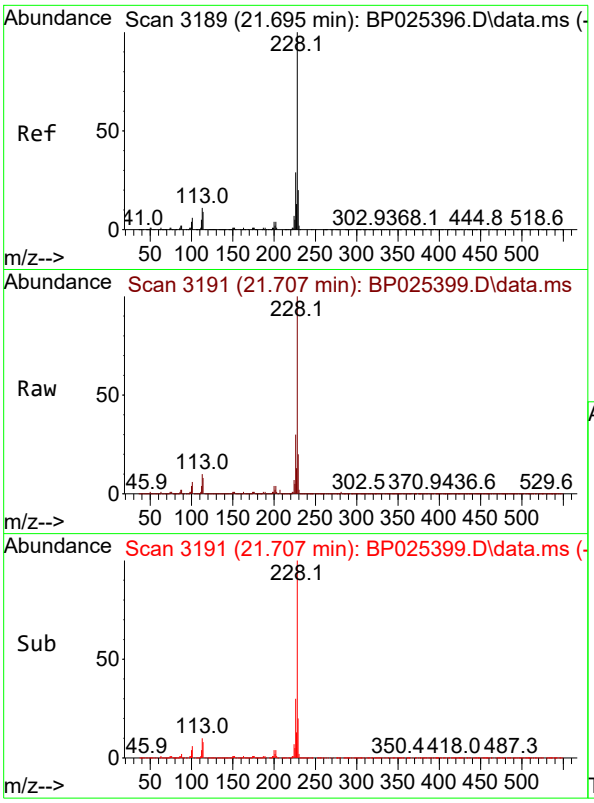


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 1705746

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	11.0	9.1	13.7

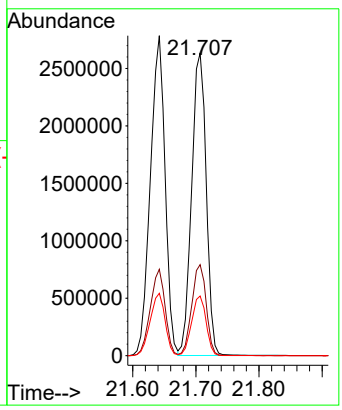




#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:228 Resp: 421816

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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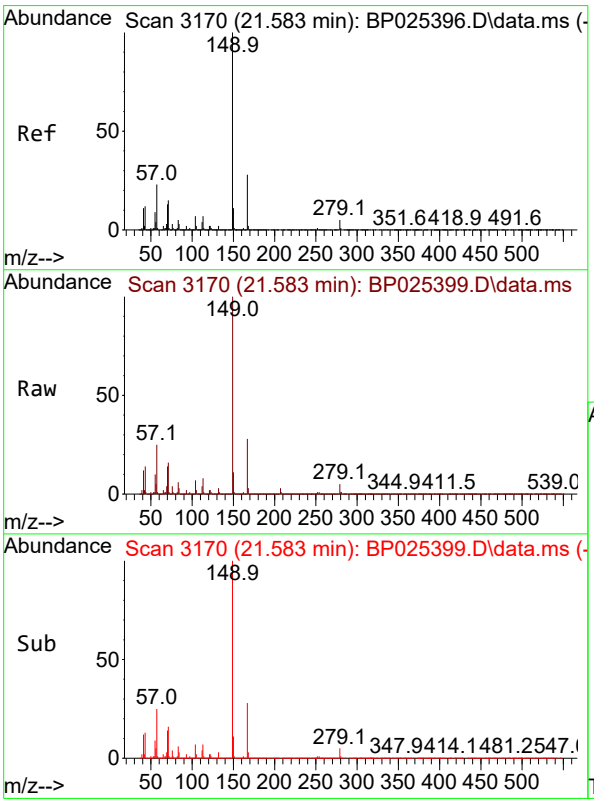
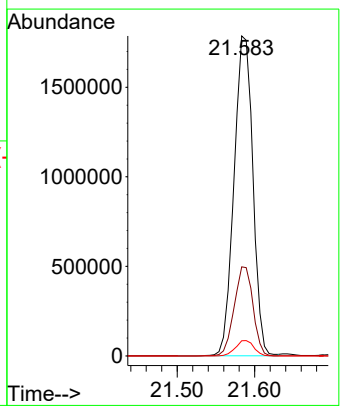
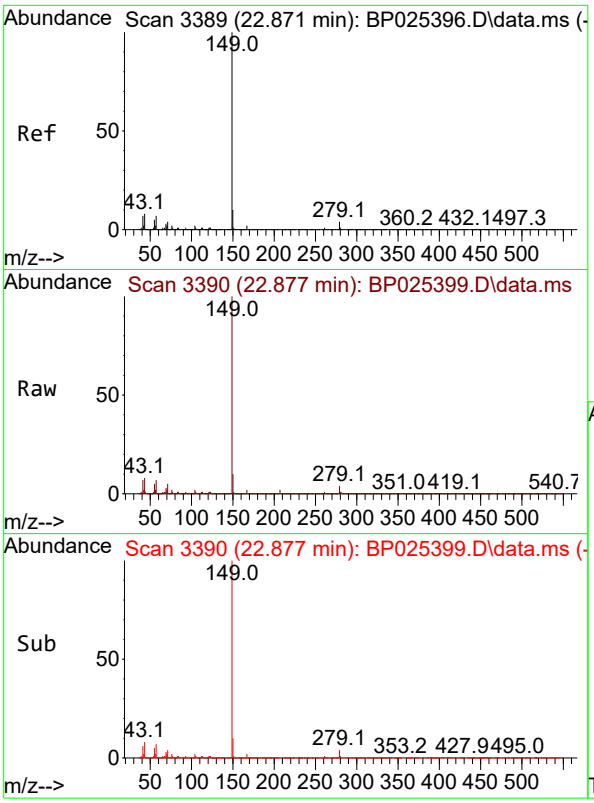


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 3021891

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.8	3.8	5.6

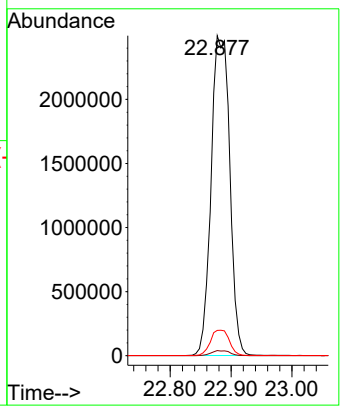




#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:149 Resp: 530208

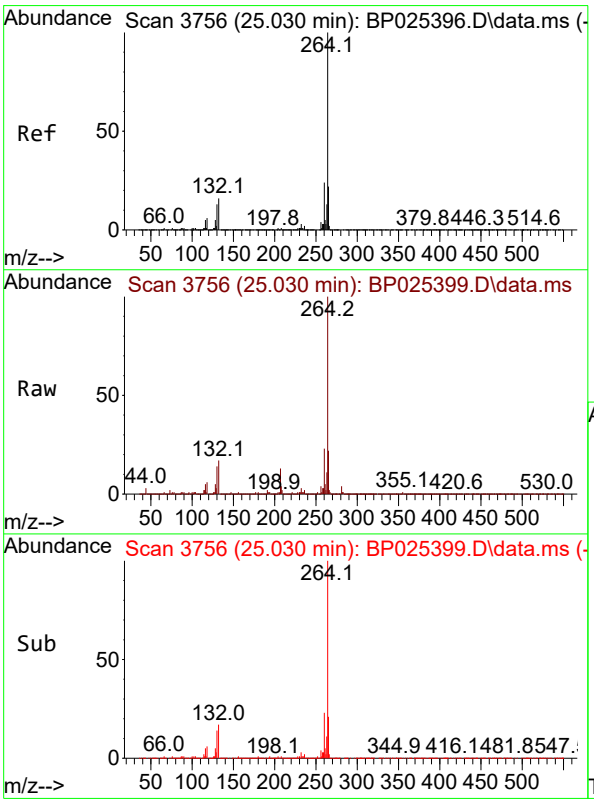
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

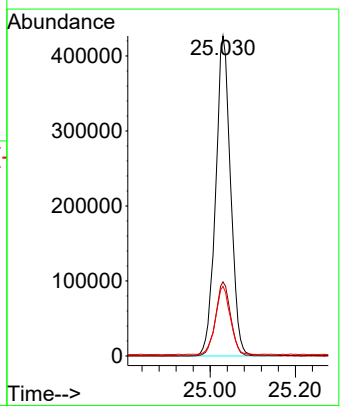
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

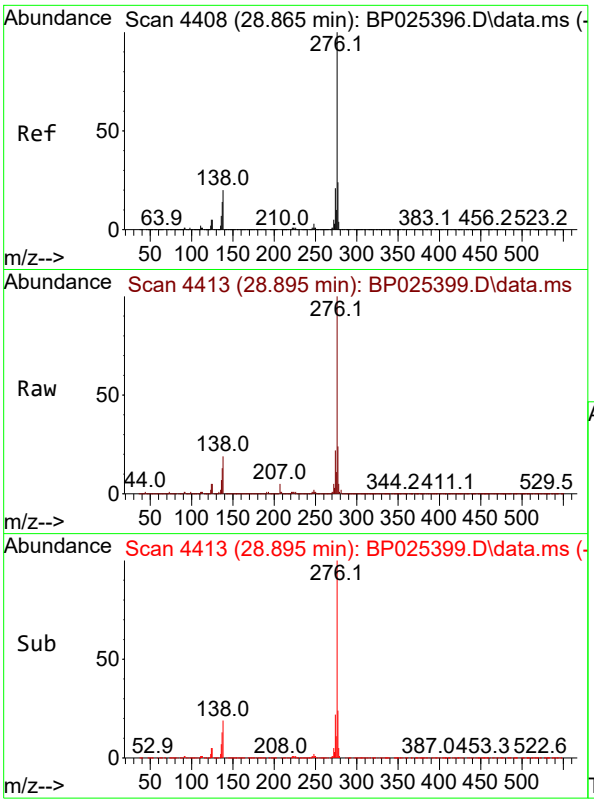


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:264 Resp: 1037707

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.8	17.4	26.0

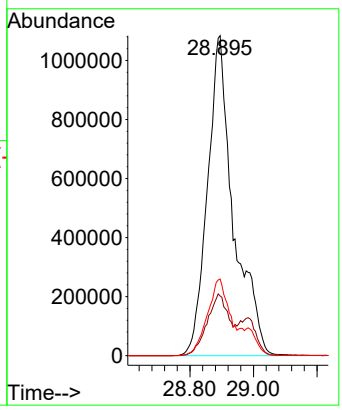




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 616857

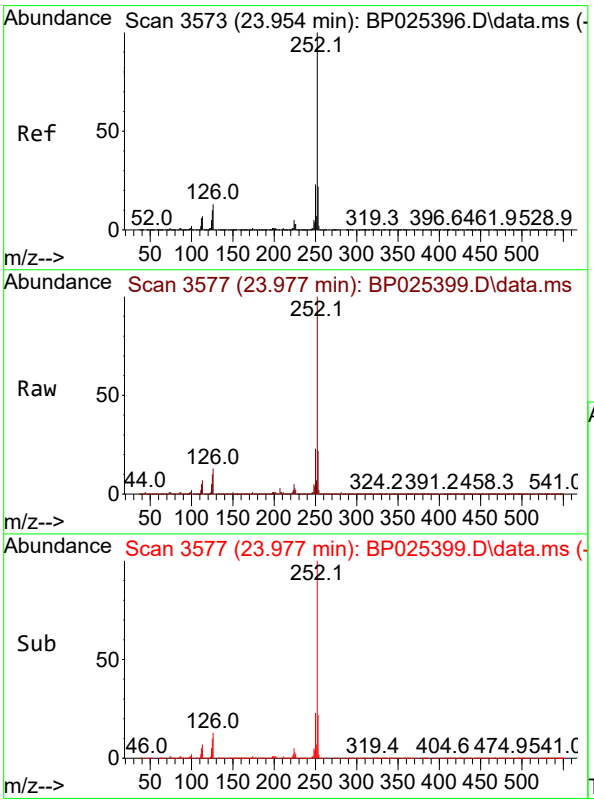
Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.9	19.3
277	20.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

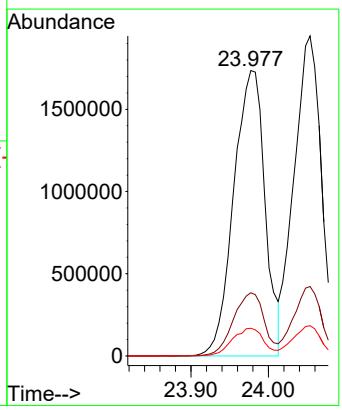
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

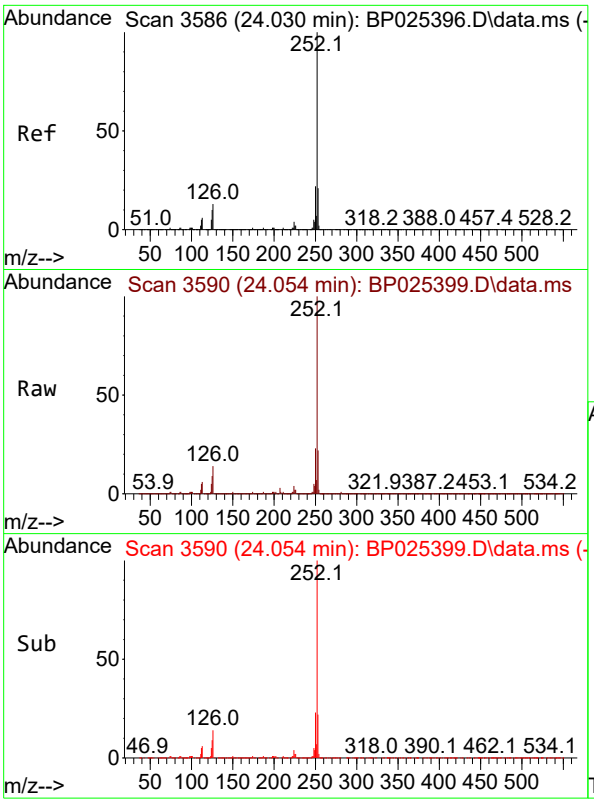


#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4876398

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 77.323 ng
RT: 24.054 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

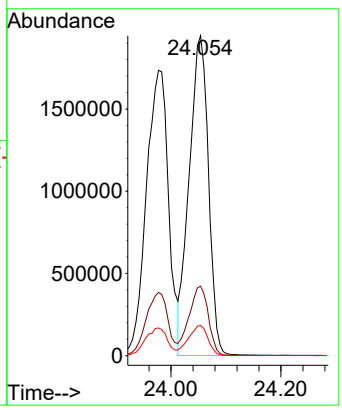
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

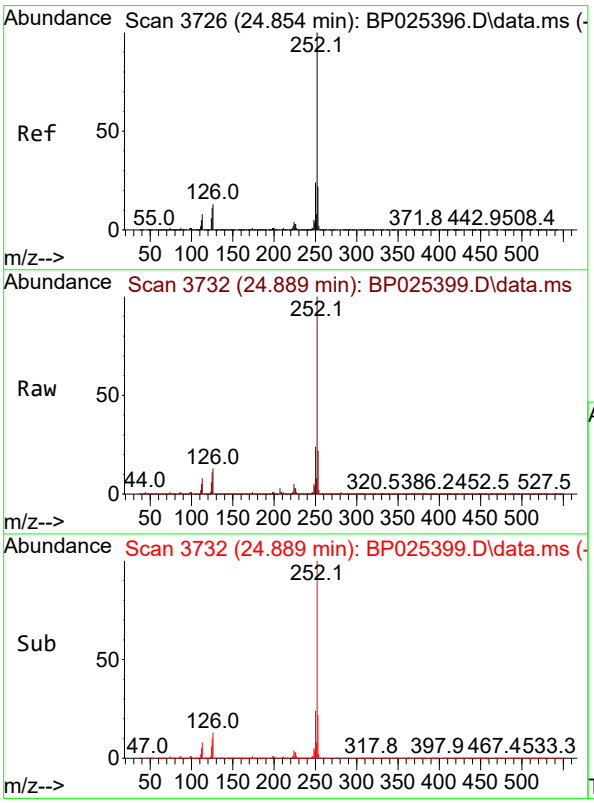
Tgt Ion:252 Resp: 473463

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

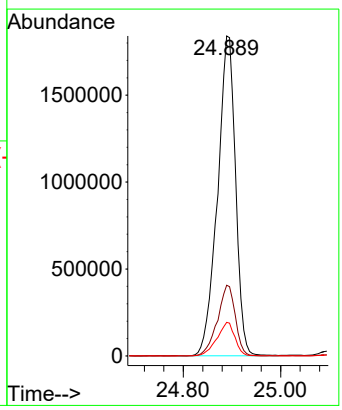


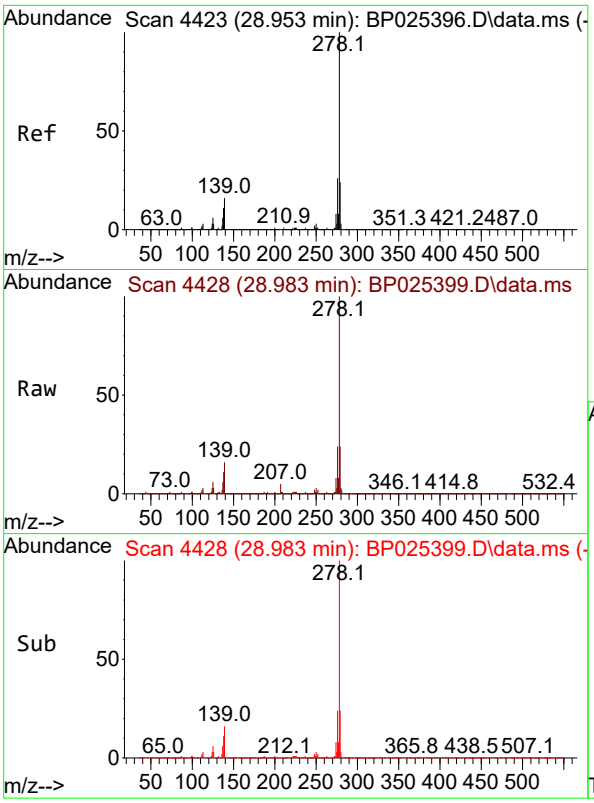


#90
Benzo(a)pyrene
Concen: 79.505 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:252 Resp: 4735685

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.5	8.7	13.1

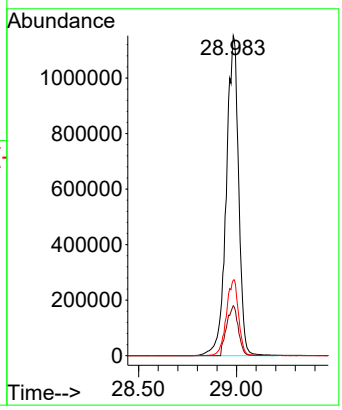




#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 44
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:278 Resp: 504626

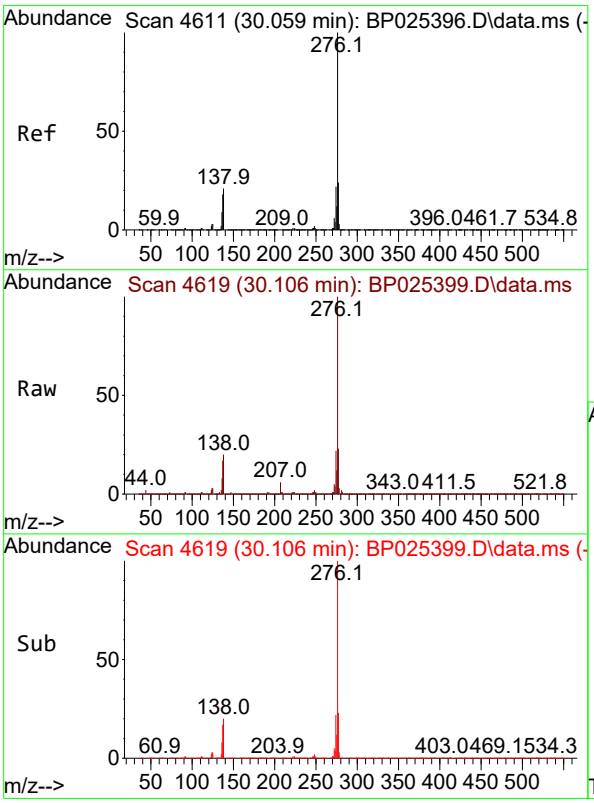
Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	23.6	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

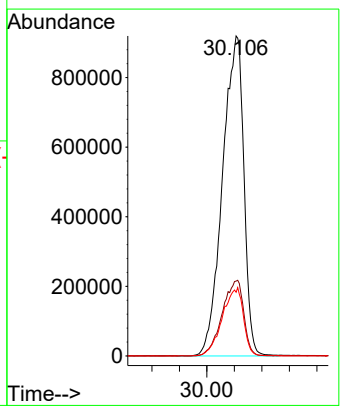
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:276 Resp: 4949477

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	19.9	16.7	25.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

ICAL Form

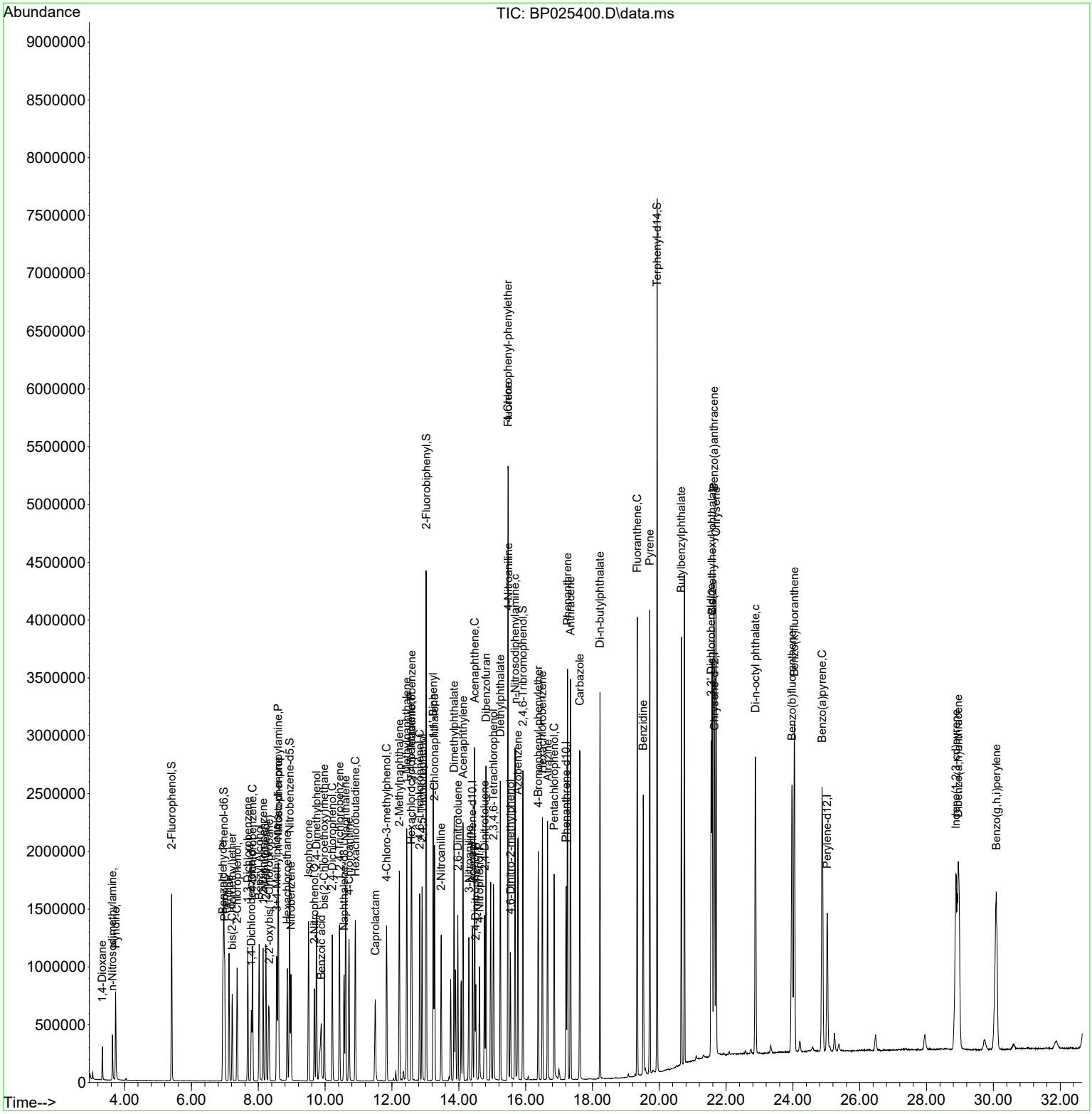
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

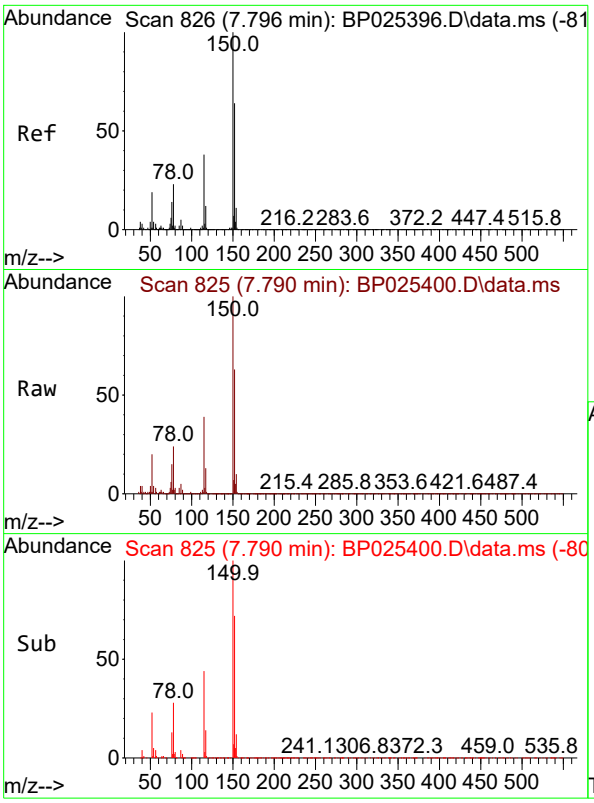
Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

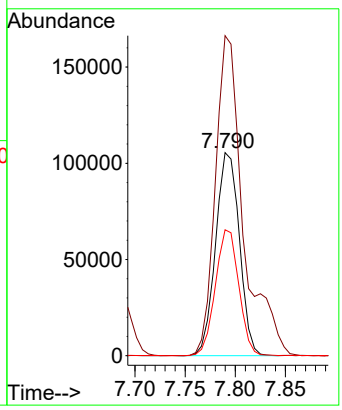




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 17400

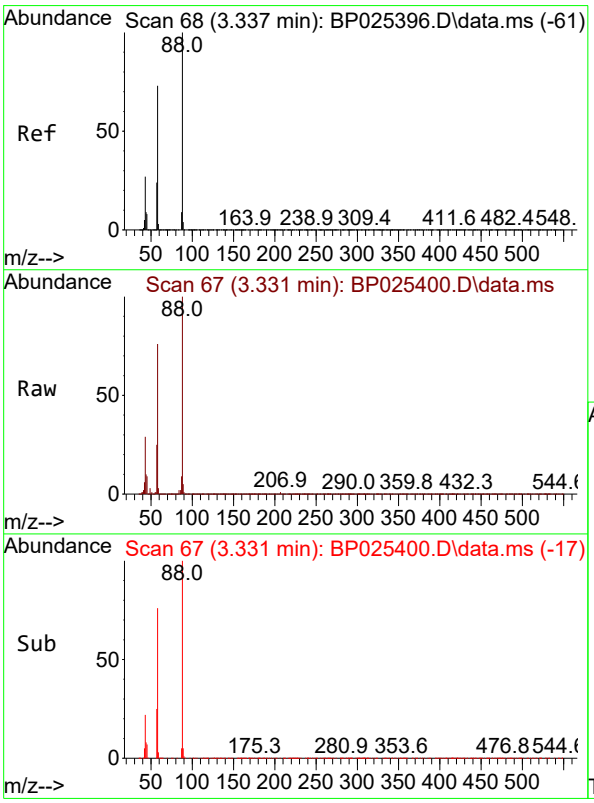
Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	62.0	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
APPROVED

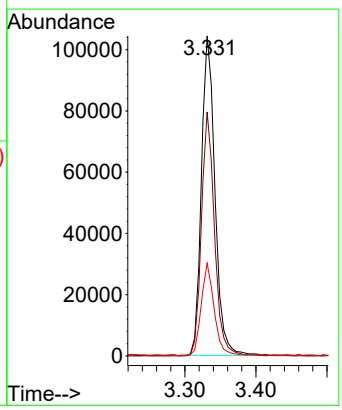
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

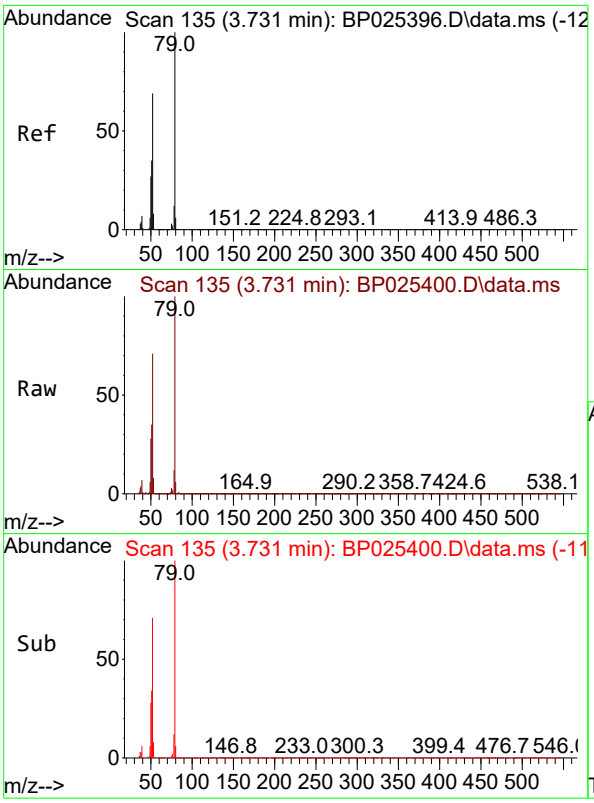


#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687

Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.2	88.8
43	27.9	21.7	32.5

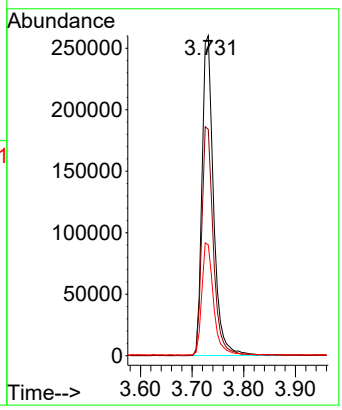




#3
Pyridine
Concen: 35.901 ng
RT: 3.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 40329

Ion	Ratio	Lower	Upper
79	100		
52	70.8	55.5	83.3
51	34.7	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
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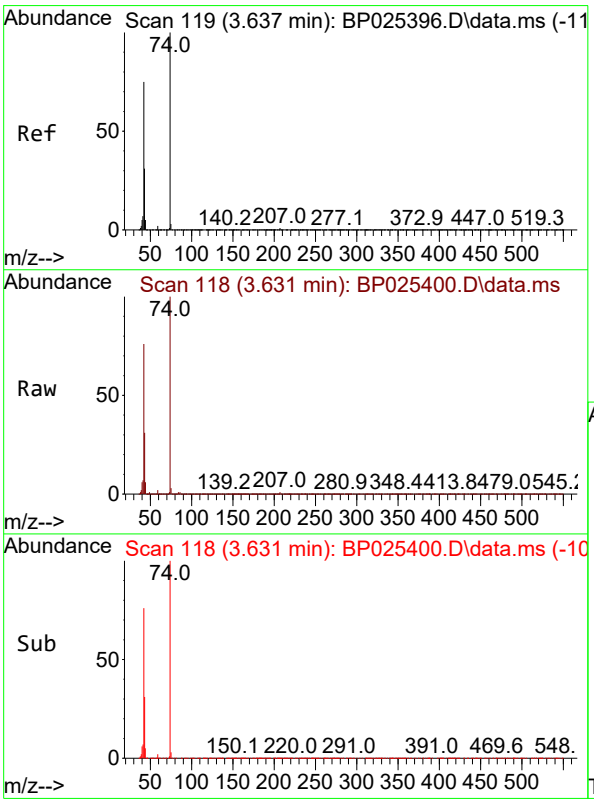
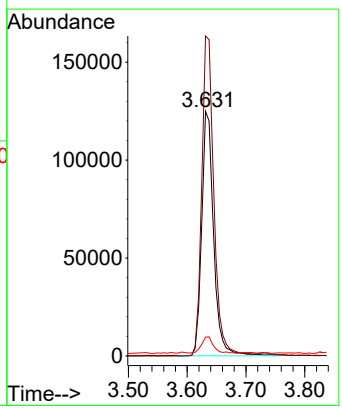
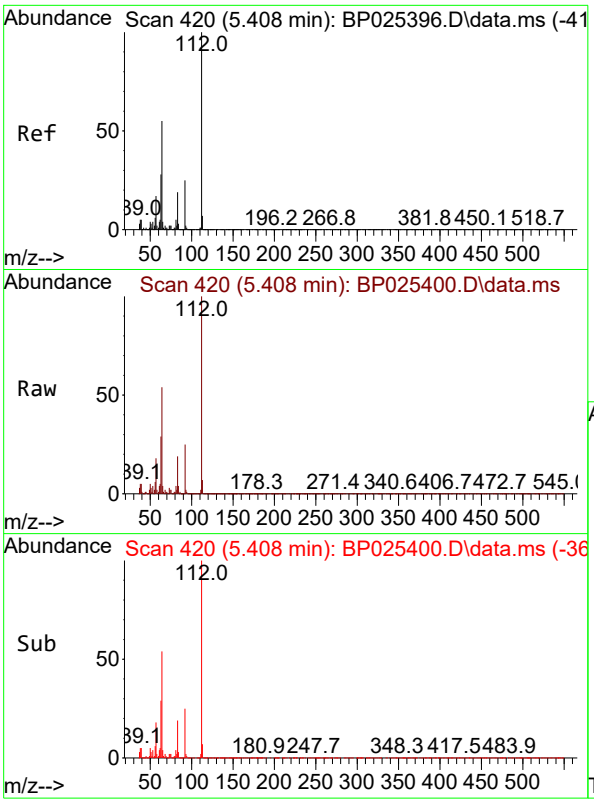


#4
n-Nitrosodimethylamine
Concen: 38.115 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 42 Resp: 176521

Ion	Ratio	Lower	Upper
42	100		
74	130.8	107.0	160.4
44	7.7	6.2	9.4

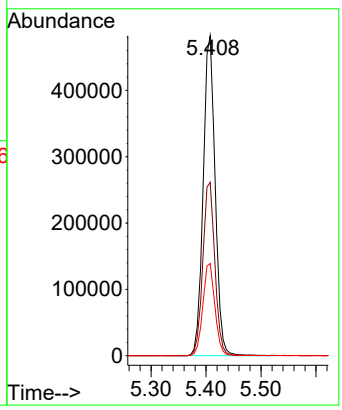




#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:112 Resp: 72748

Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.8
63	28.8	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
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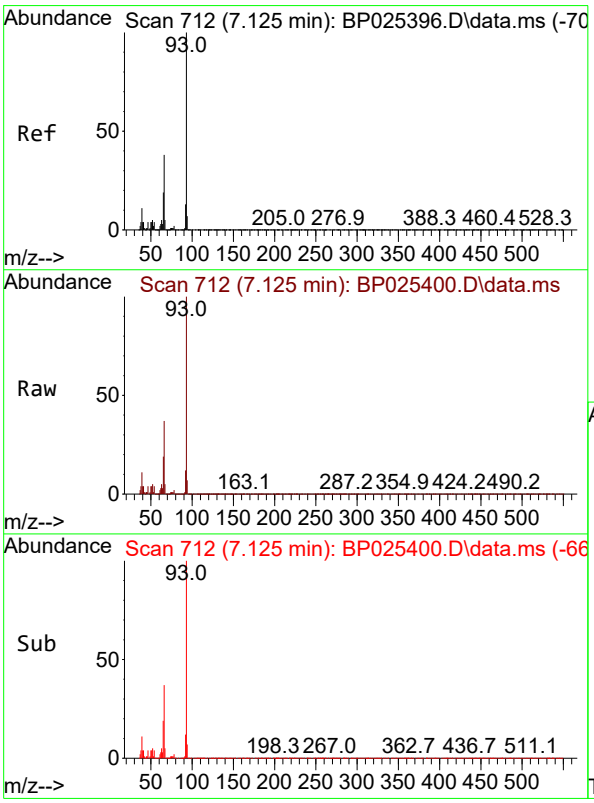
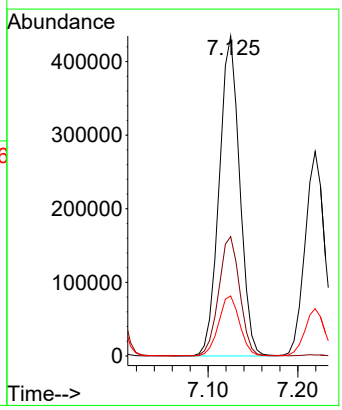
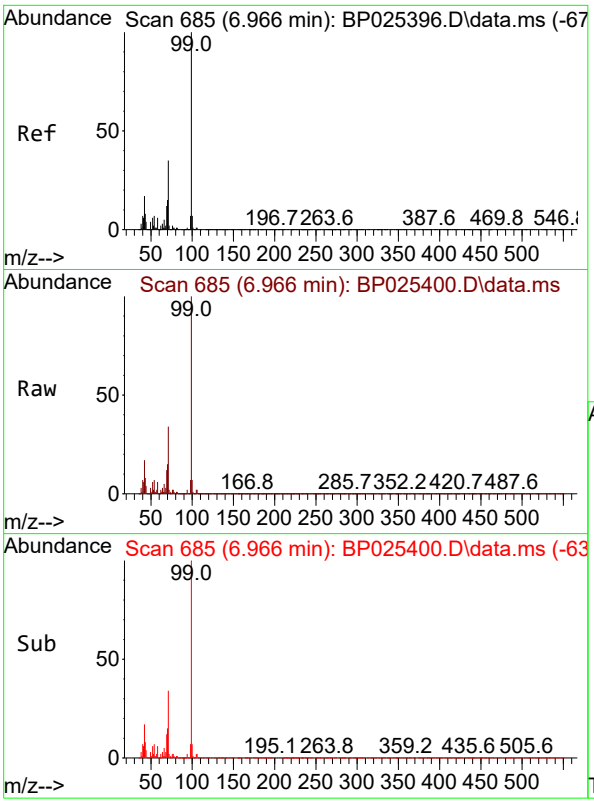


#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 690437

Ion	Ratio	Lower	Upper
93	100		
66	37.3	30.4	45.6
65	18.7	15.3	22.9

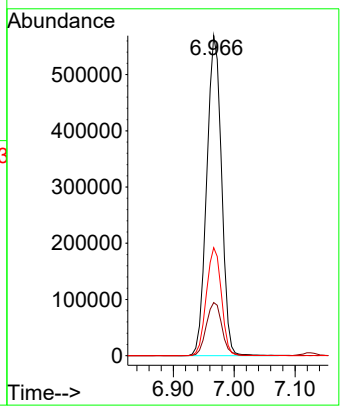




#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 99 Resp: 96269

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	33.7	28.2	42.4



Instrument :
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ClientSampleId :
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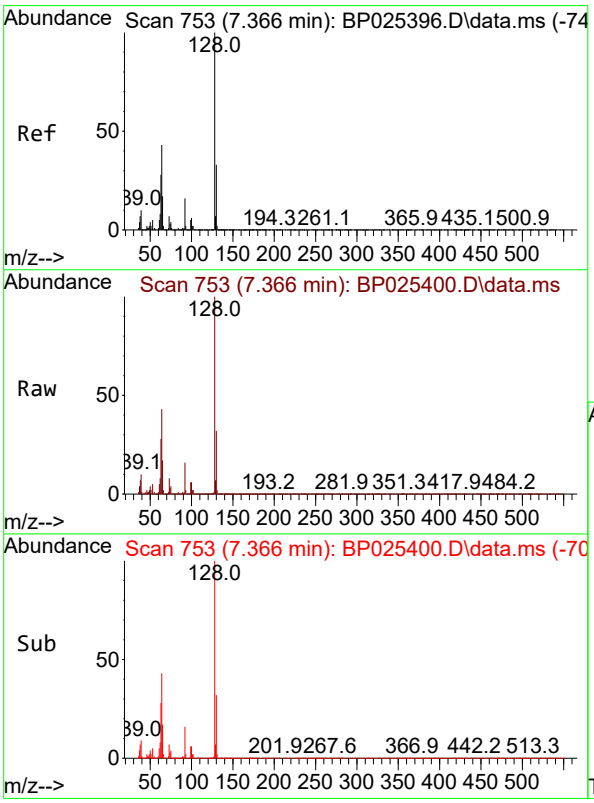
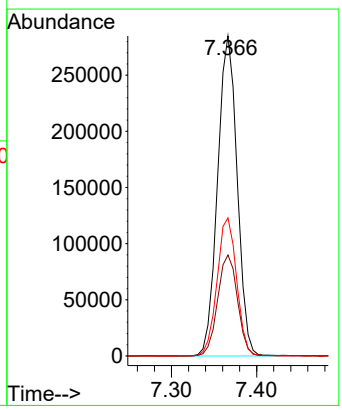
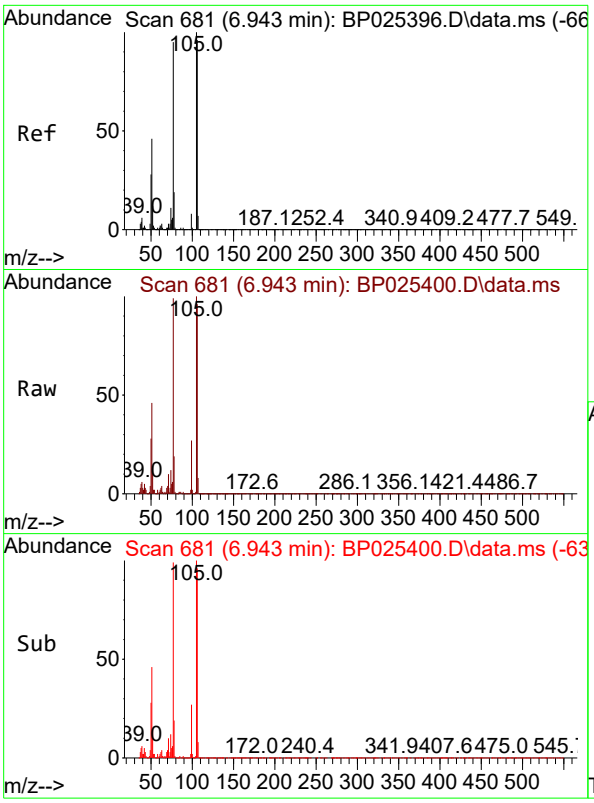


#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 455230

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	43.2	23.4	63.4

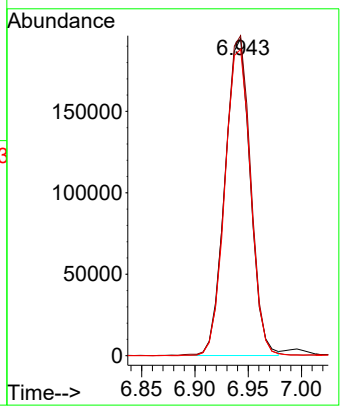




#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 32133

Ion	Ratio	Lower	Upper
77	100		
105	100.9	84.8	124.8
106	96.6	80.5	120.5



Instrument :
BNA_P
ClientSampleId :
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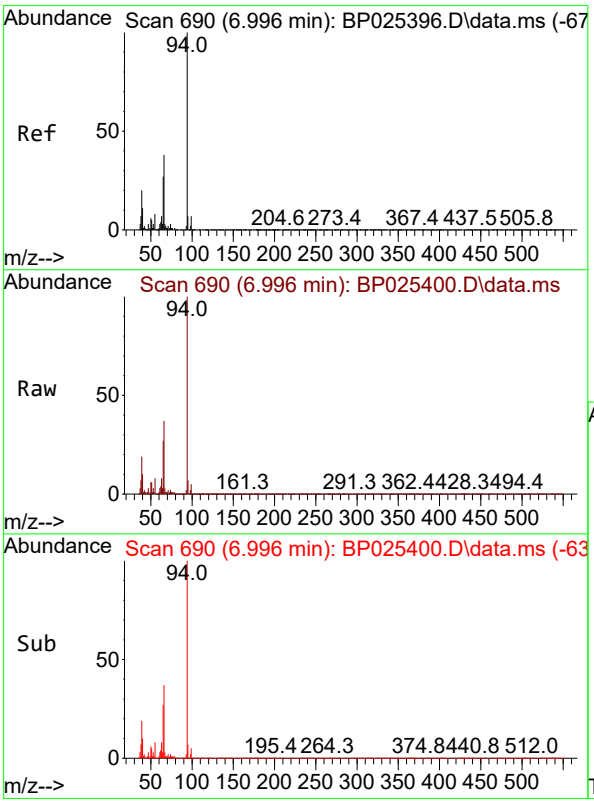
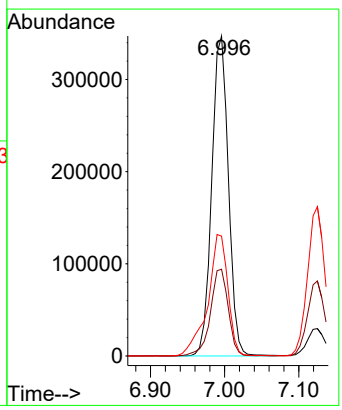
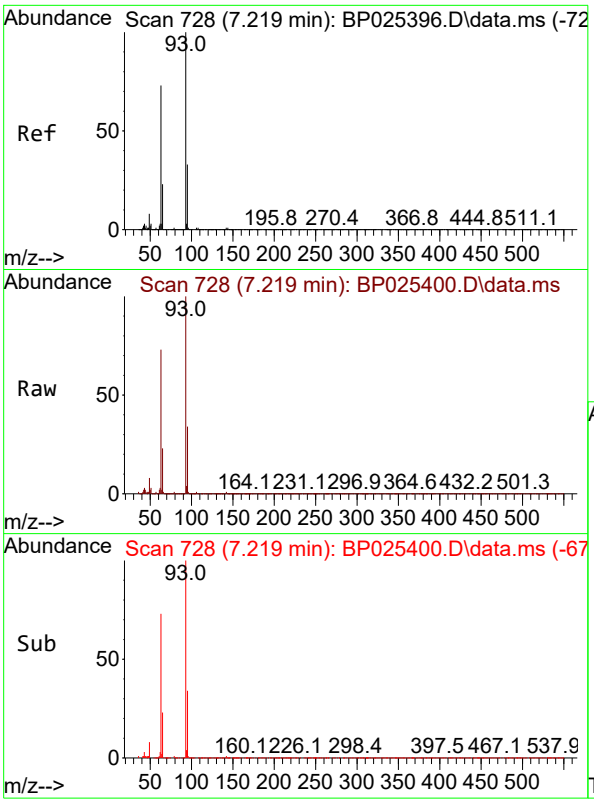


#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 94 Resp: 541123

Ion	Ratio	Lower	Upper
94	100		
65	27.1	6.8	46.8
66	37.5	18.2	58.2

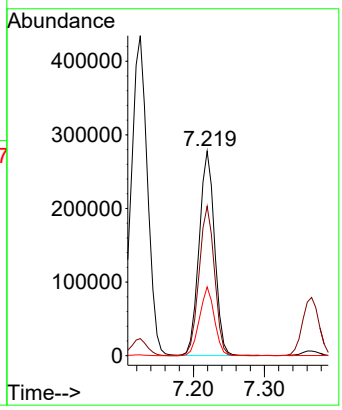




#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 42131

Ion	Ratio	Lower	Upper
93	100		
63	73.1	52.6	92.6
95	33.6	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
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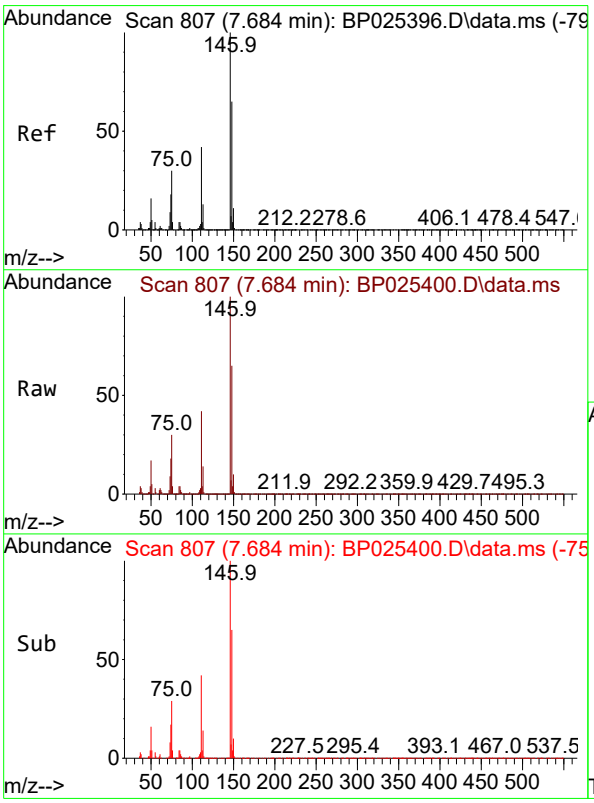
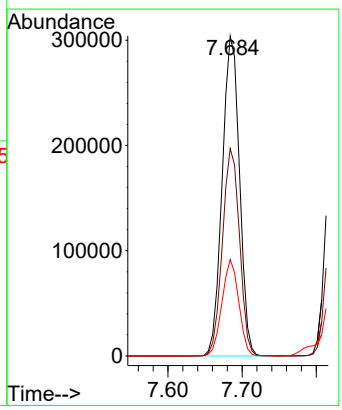
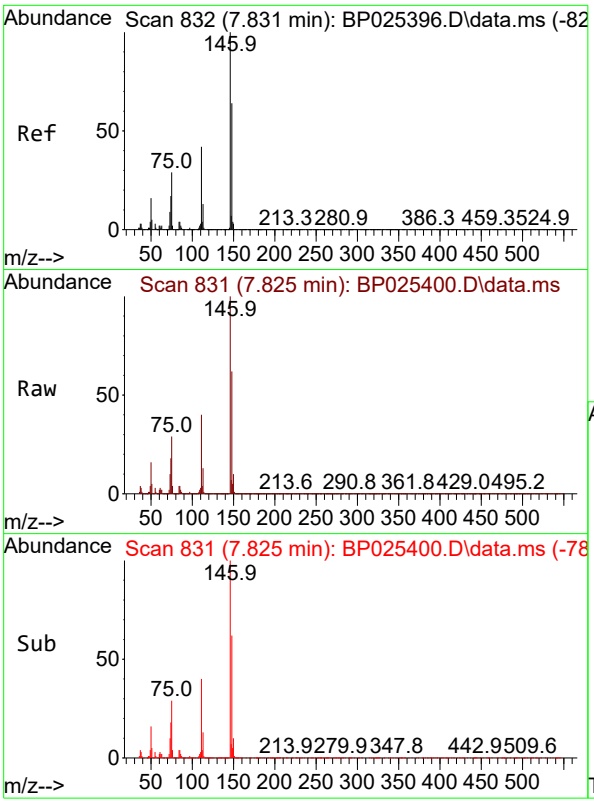


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 492014

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	30.1	23.7	35.5

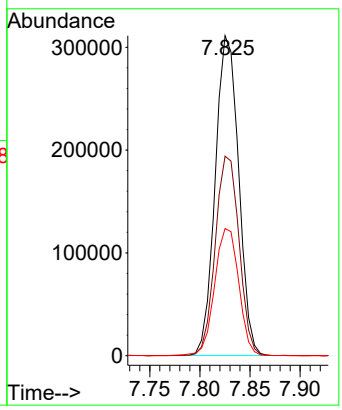




#13
1,4-Dichlorobenzene
Concen: 37.890 ng
RT: 7.825 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 50491

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
111	39.8	33.4	50.0



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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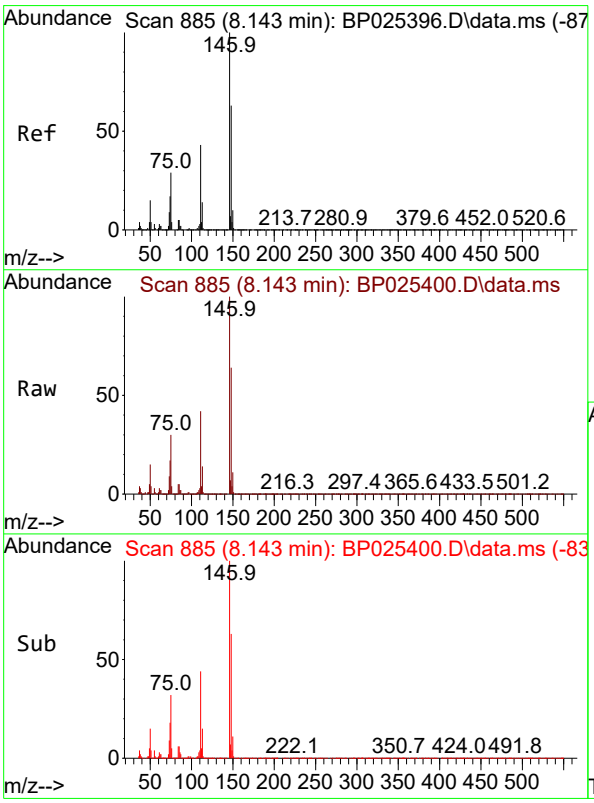
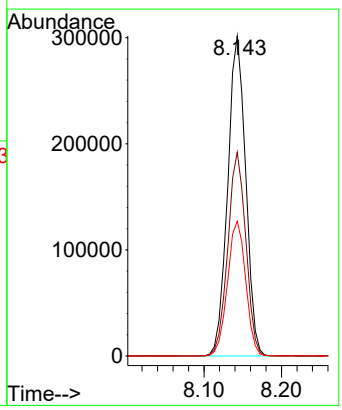
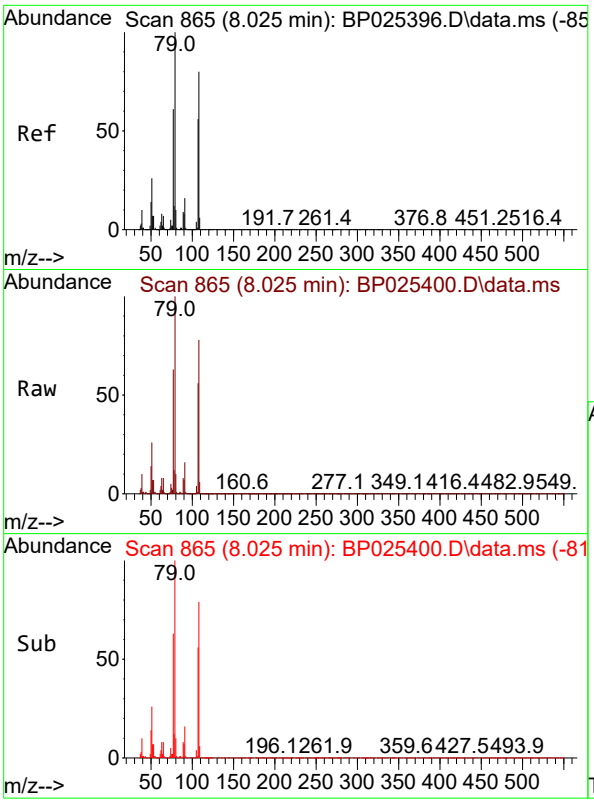


#14
1,2-Dichlorobenzene
Concen: 37.818 ng
RT: 8.143 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:146 Resp: 487845

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.1	34.5	51.7

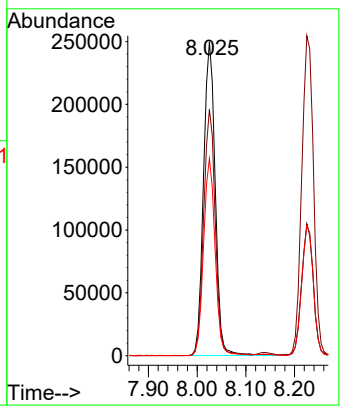




#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 8.025 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 79 Resp: 41654

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.8	95.6
77	62.8	49.0	73.4



Instrument :
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ClientSampleId :
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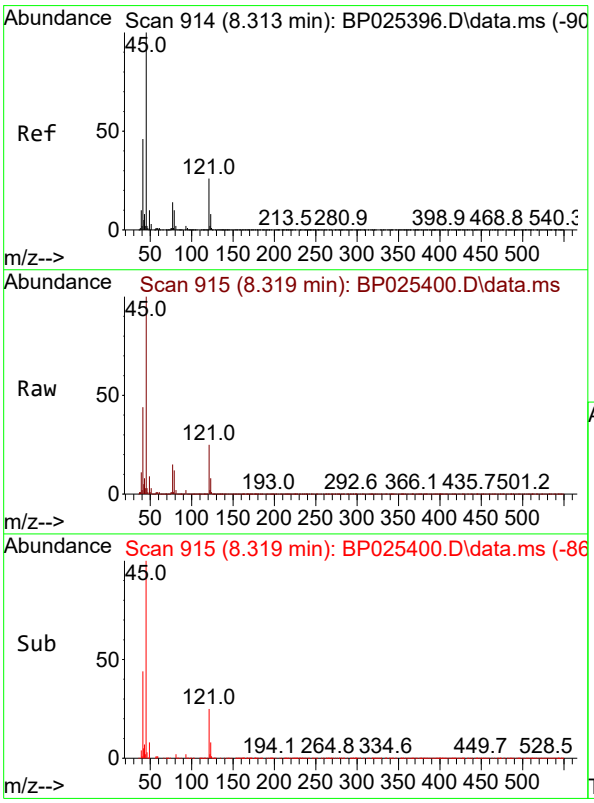
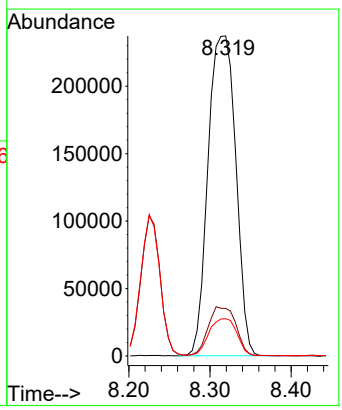
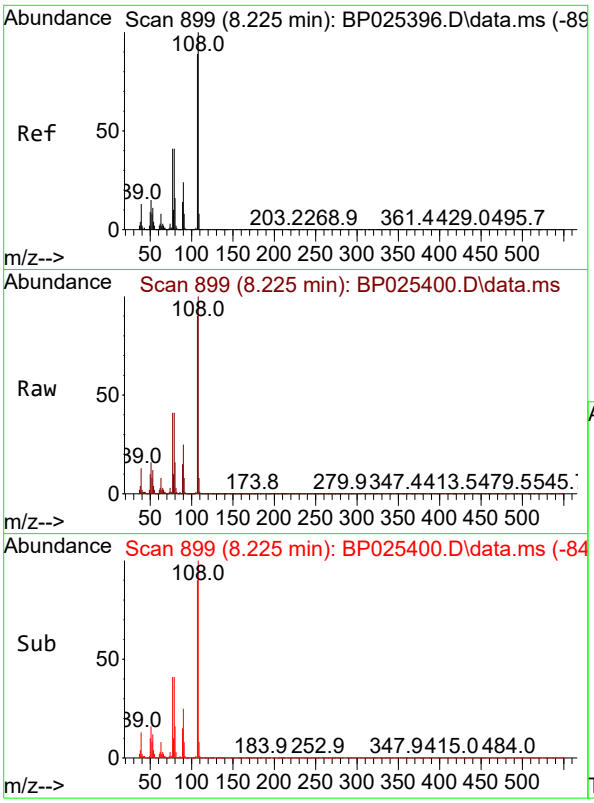


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.271 ng
RT: 8.319 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 45 Resp: 563276

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.3
79	11.7	0.0	31.8

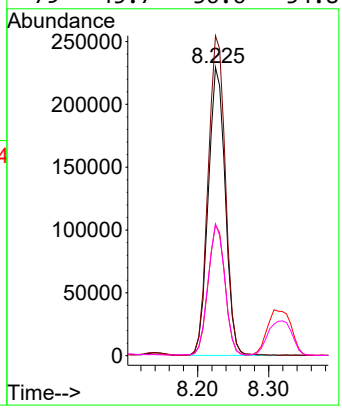




#17
2-Methylphenol
Concen: 38.877 ng
RT: 8.225 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 38060

Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.0
77	45.3	36.3	54.5
79	45.7	36.6	54.8



Instrument :
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ClientSampleId :
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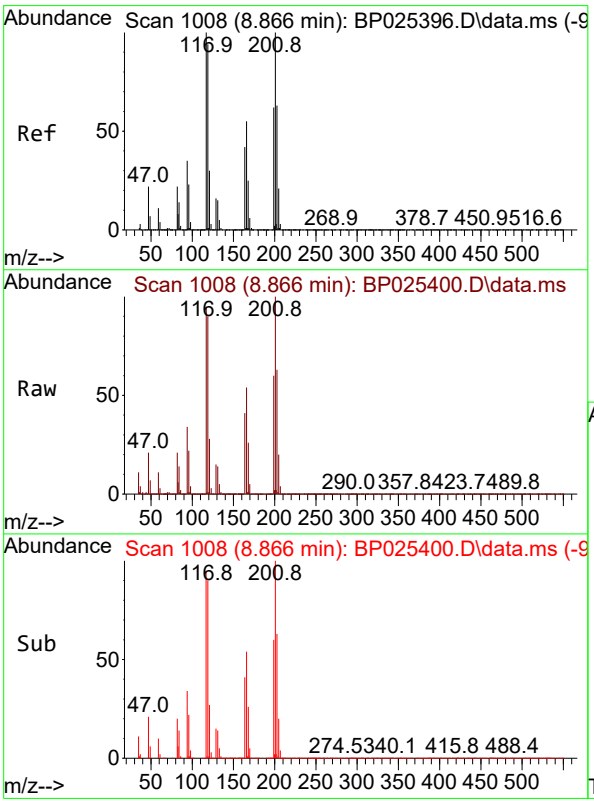
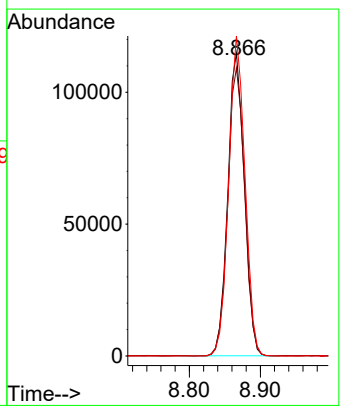
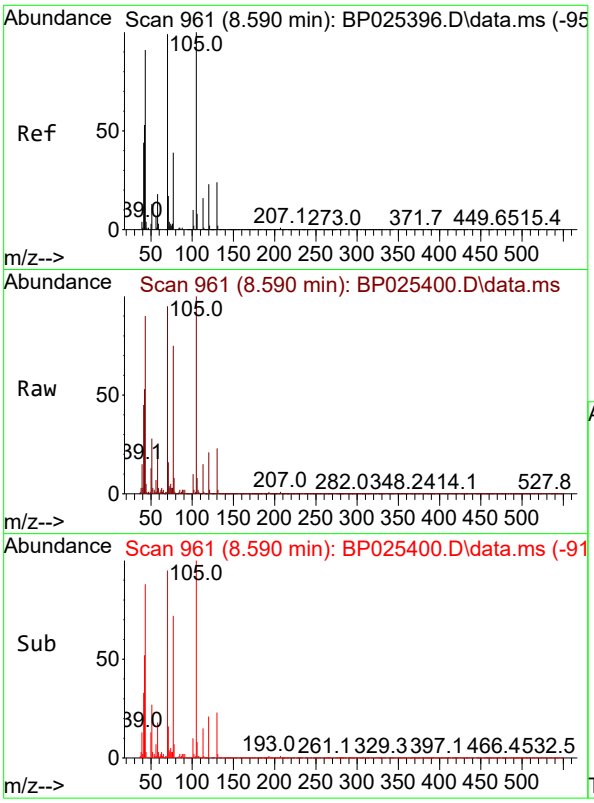


#18
Hexachloroethane
Concen: 38.103 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:117 Resp: 186691

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.1	112.7
201	105.6	80.1	120.1

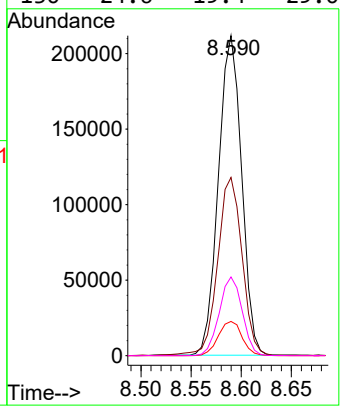




#19
n-Nitroso-di-n-propylamine
Concen: 38.270 ng
RT: 8.590 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 70 Resp: 34053

Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.8	65.6
101	10.7	8.5	12.7
130	24.6	19.4	29.0



Instrument :
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ClientSampleId :
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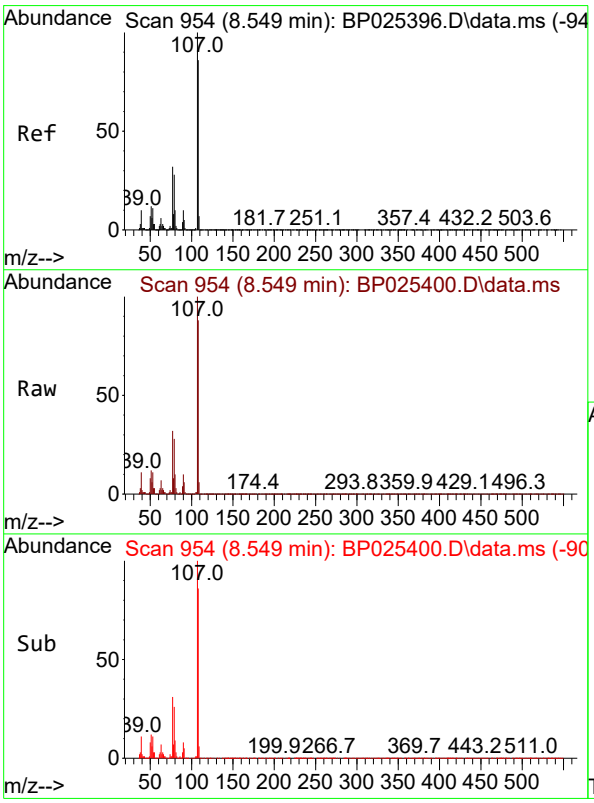
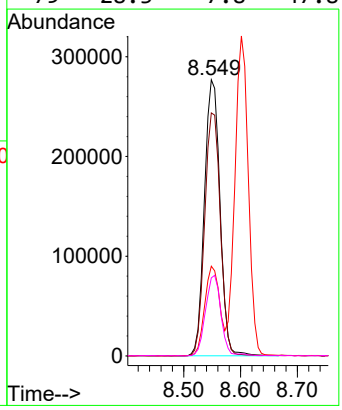
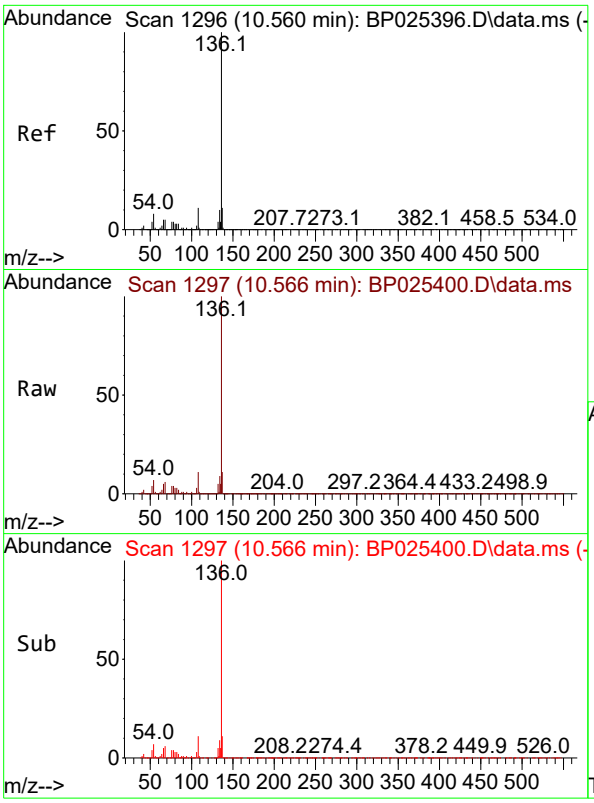


#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 8.549 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	32.5	12.3	52.3
79	28.3	7.8	47.8

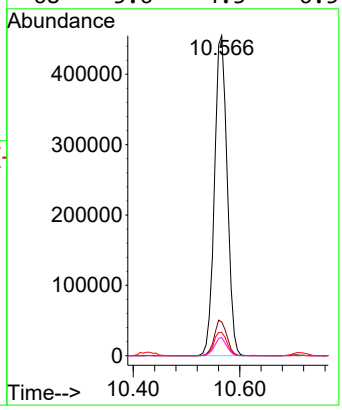




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:136 Resp: 75007

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	6.0	9.0
68	5.6	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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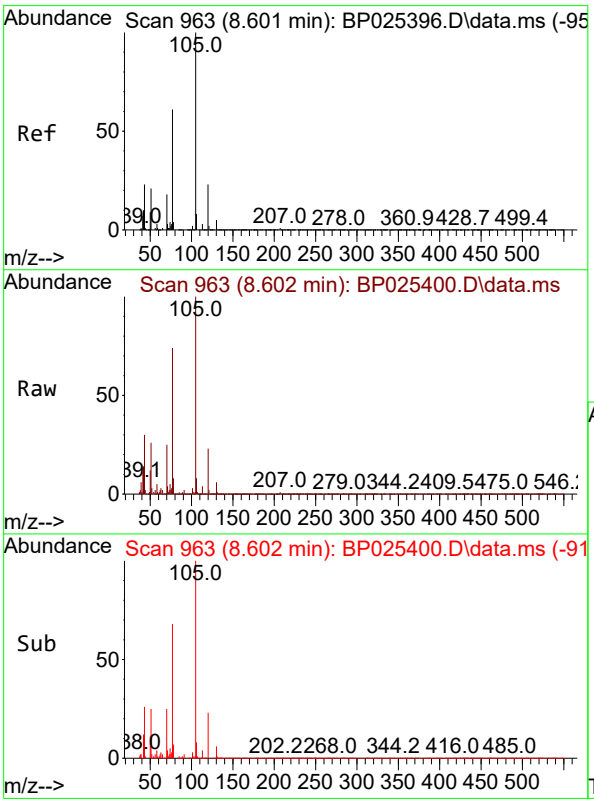
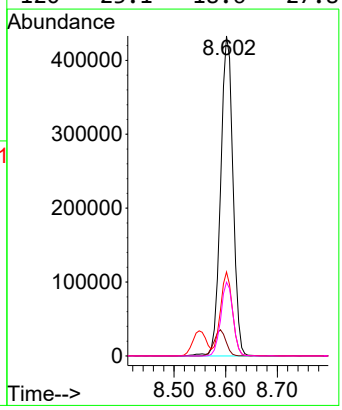
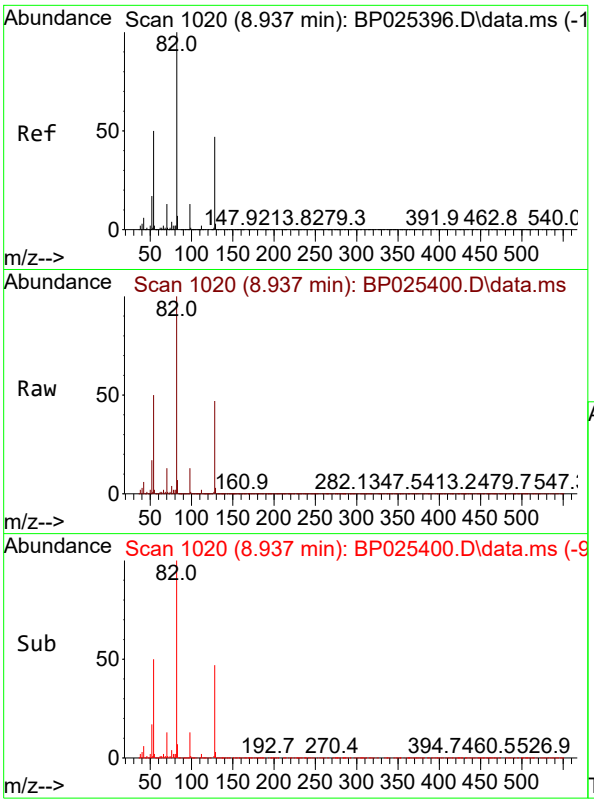


#22
Acetophenone
Concen: 38.216 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	4.0#
51	26.2	20.6	30.8
120	23.1	18.6	27.8

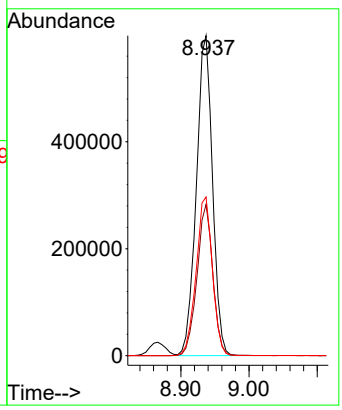




#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 98444

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	49.6	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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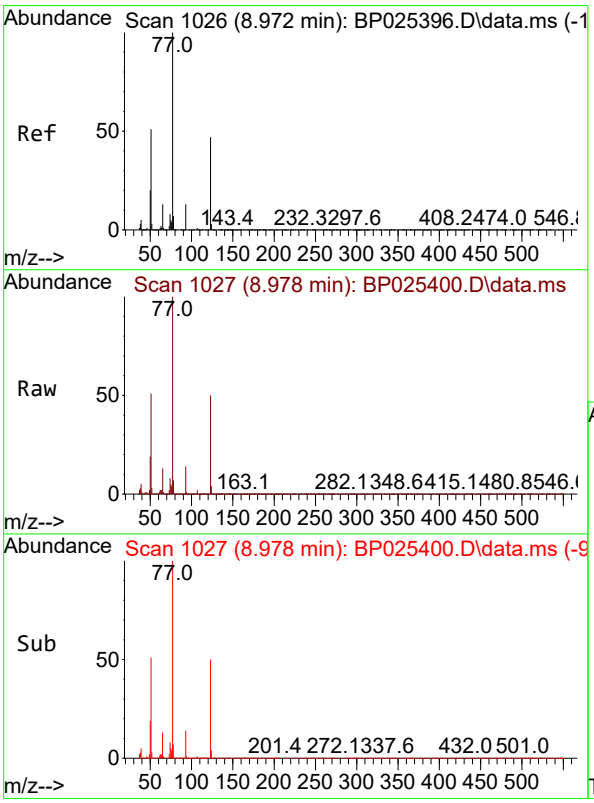
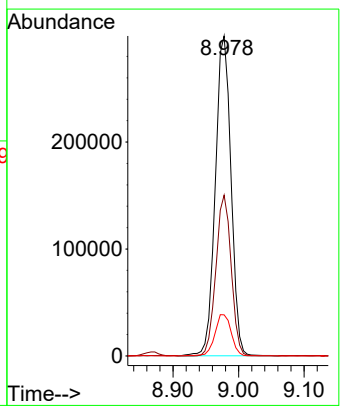
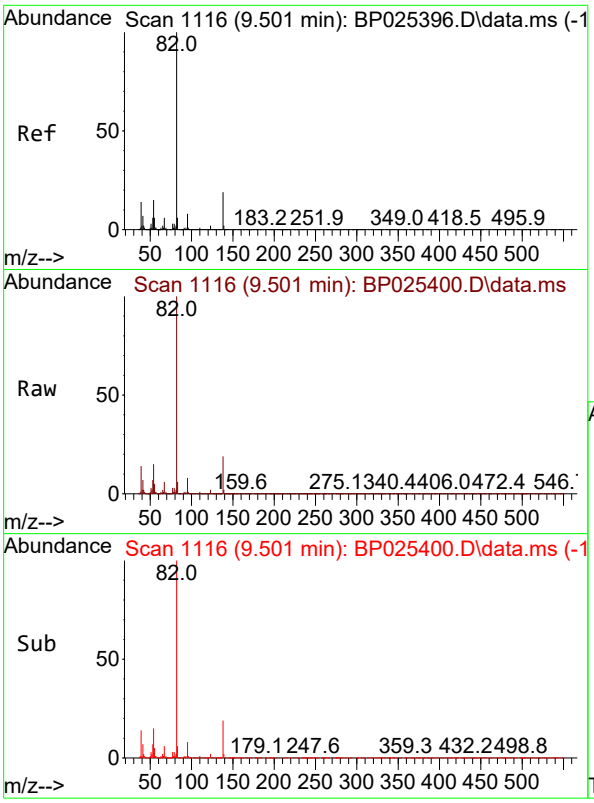


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 494466

Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.6	58.0
65	12.9	10.6	15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 82 Resp: 99337

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.9	15.4	23.0

Instrument :
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ClientSampleId :
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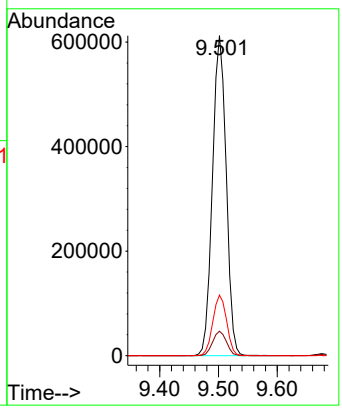
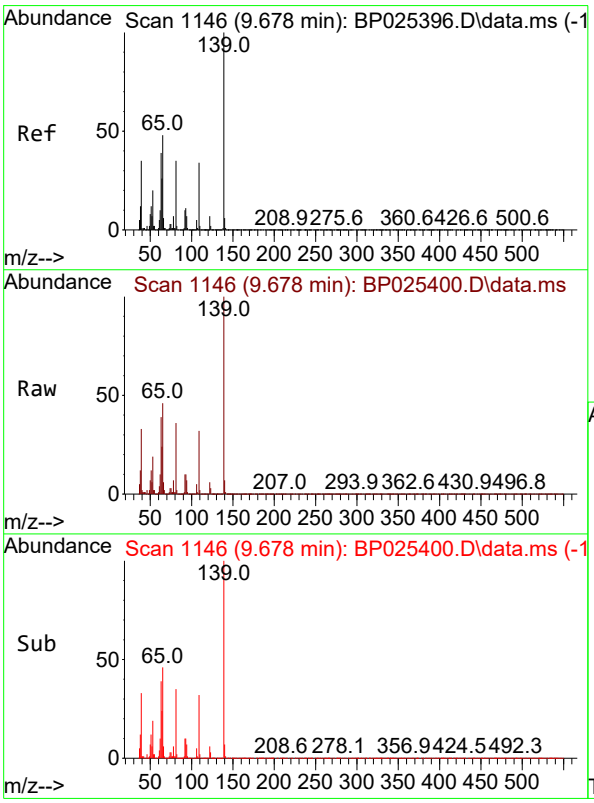
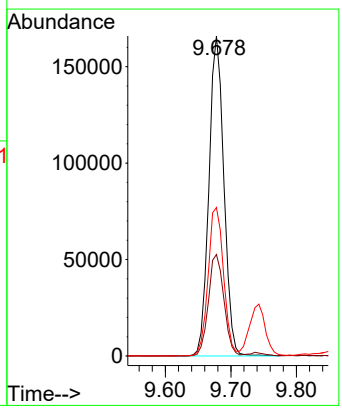


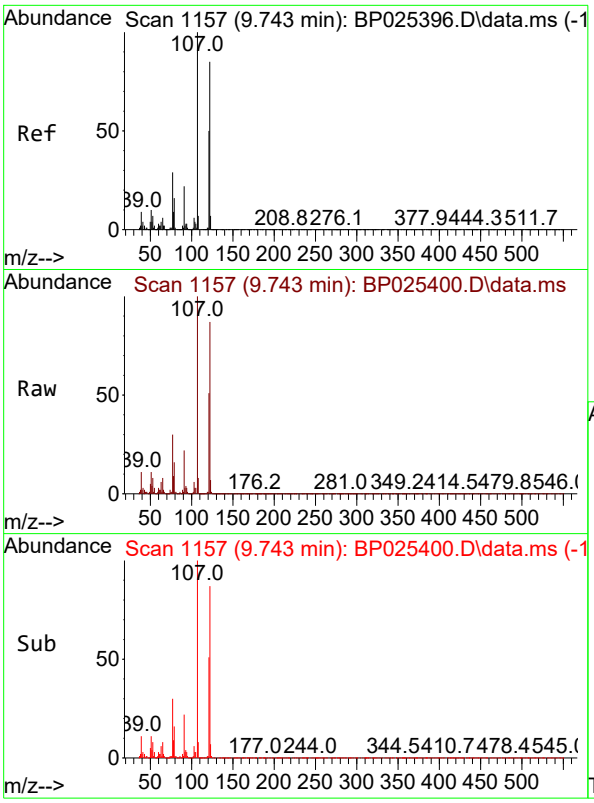


#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348

Ion	Ratio	Lower	Upper
139	100		
109	31.7	26.9	40.3
65	46.4	38.3	57.5

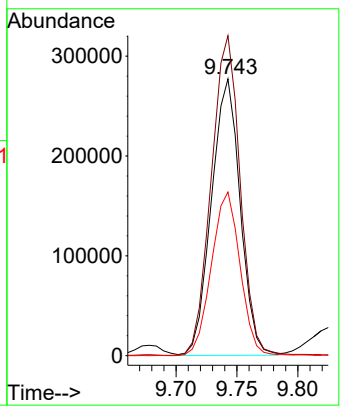




#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 9.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 45507

Ion	Ratio	Lower	Upper
122	100		
107	115.6	93.7	140.5
121	59.1	46.6	69.8



Instrument :
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ClientSampleId :
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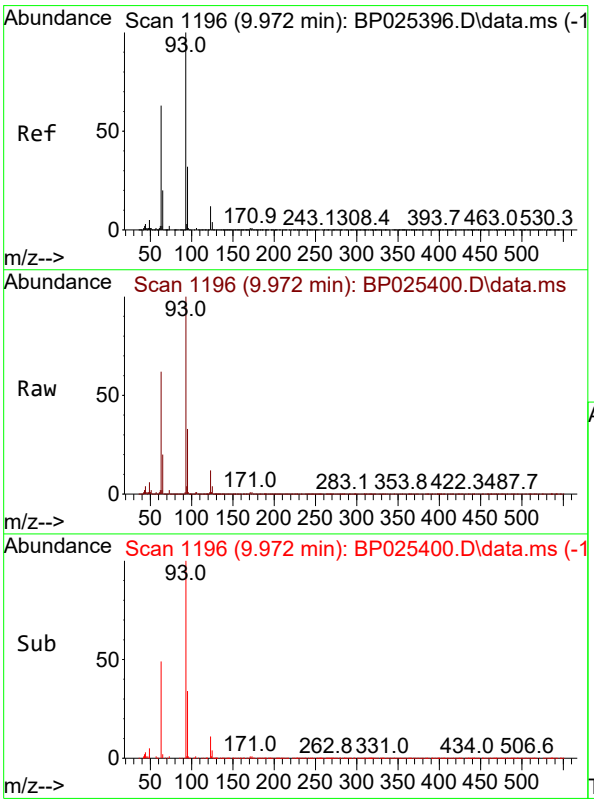
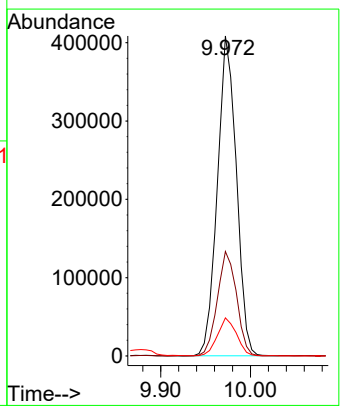
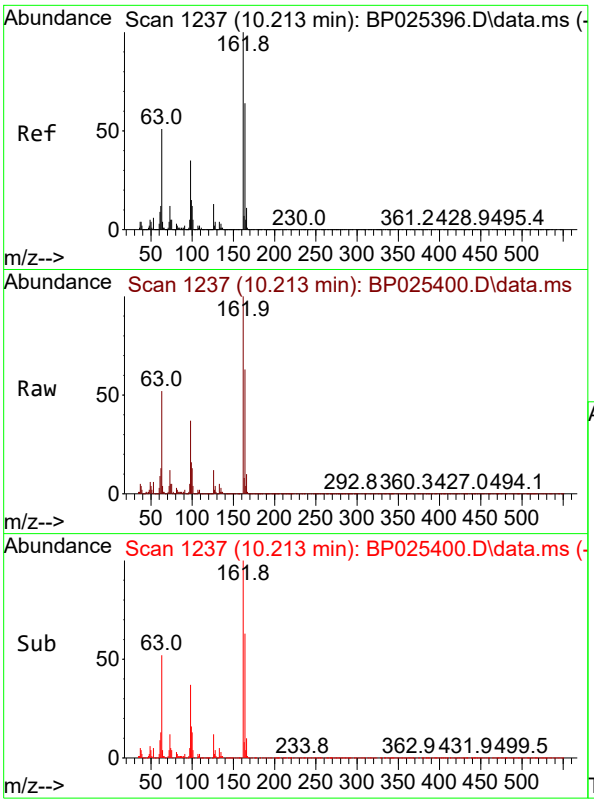


#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 93 Resp: 599862

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.9	9.4	14.0

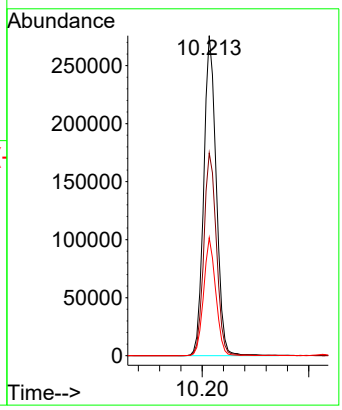




#29
2,4-Dichlorophenol
Concen: 38.649 ng
RT: 10.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 44903

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9



Instrument :
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ClientSampleId :
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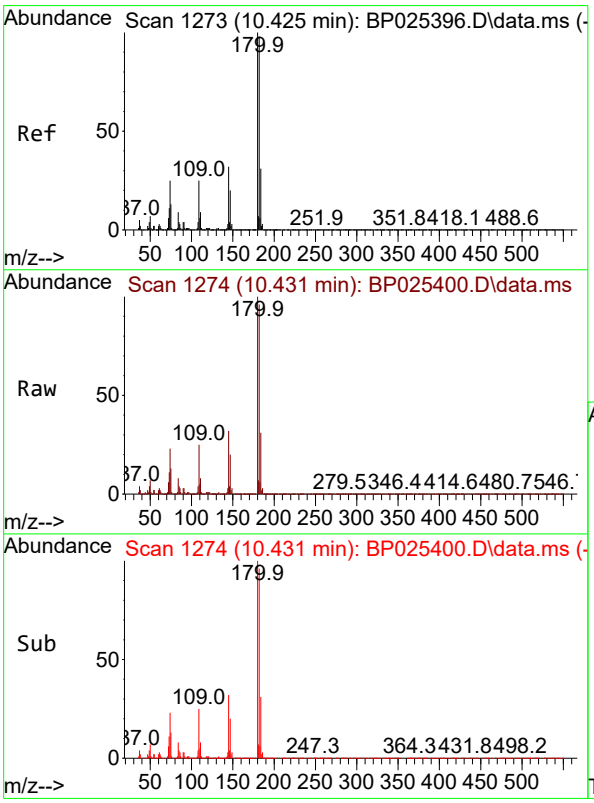
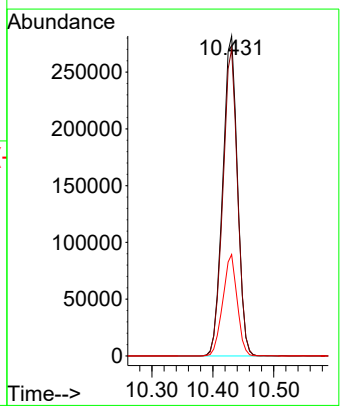
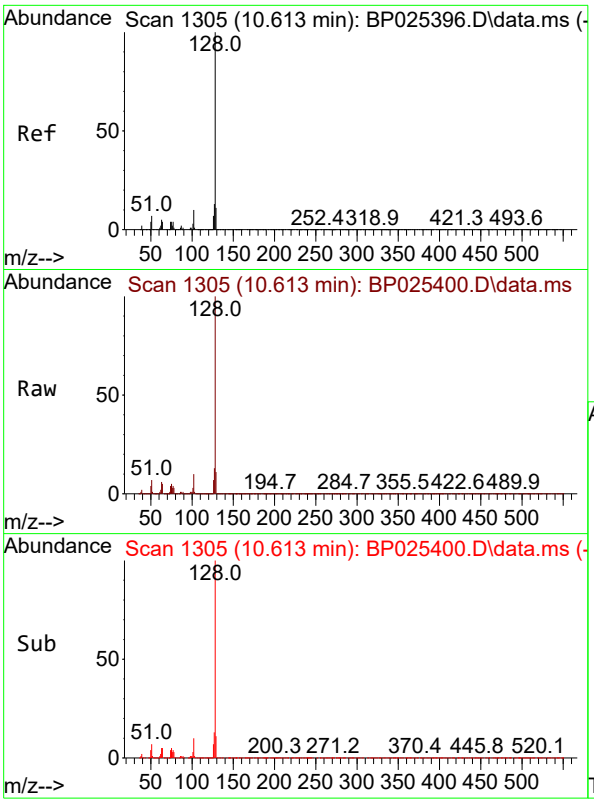


#30
1,2,4-Trichlorobenzene
Concen: 37.231 ng
RT: 10.431 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:180 Resp: 474183

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.7	25.9	38.9

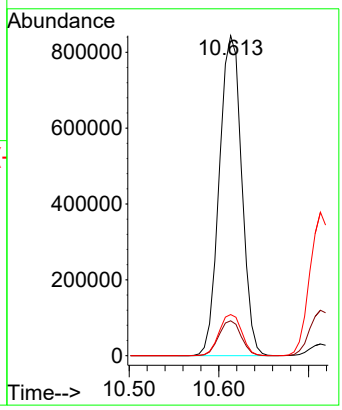




#31
Naphthalene
Concen: 37.431 ng
RT: 10.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:128 Resp: 145927

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.8	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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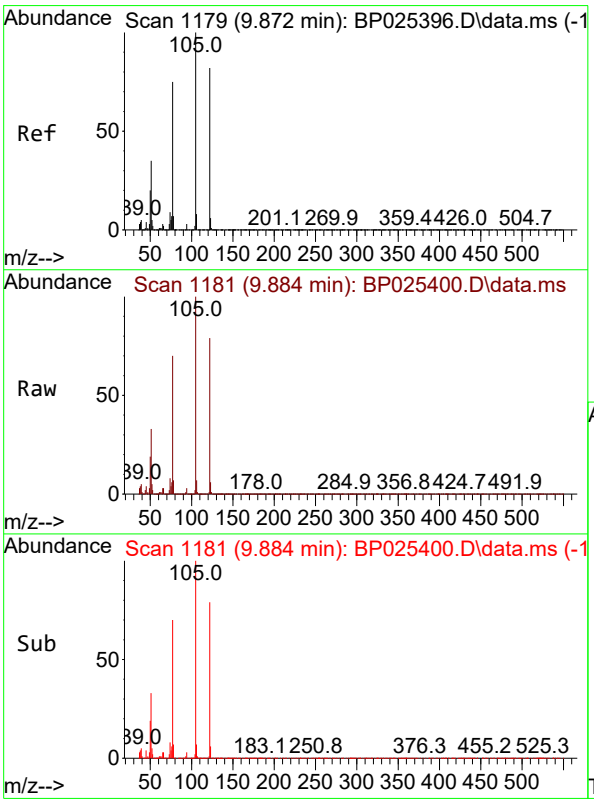
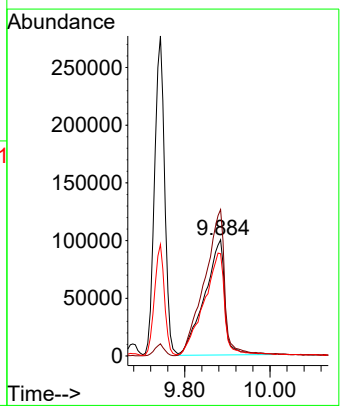
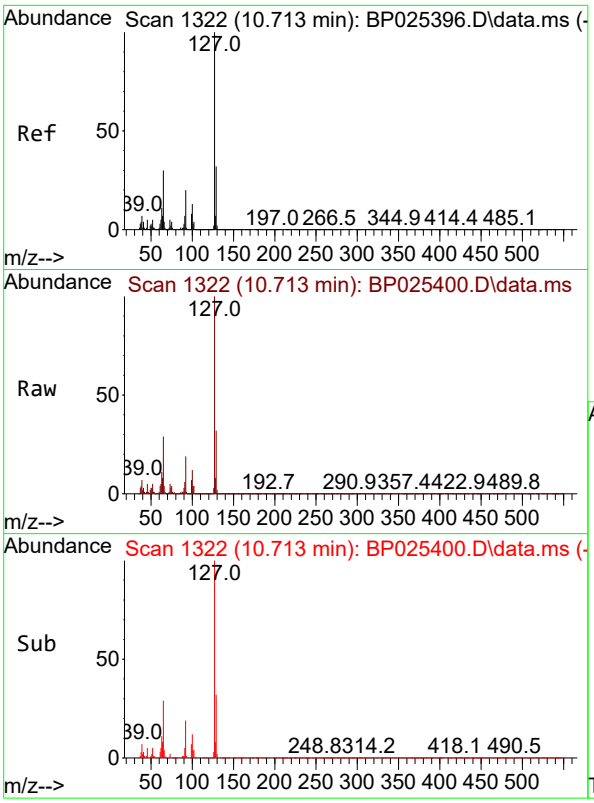


#32
Benzoic acid
Concen: 38.242 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:122 Resp: 330207

Ion	Ratio	Lower	Upper
122	100		
105	126.0	100.6	140.6
77	88.0	71.5	111.5

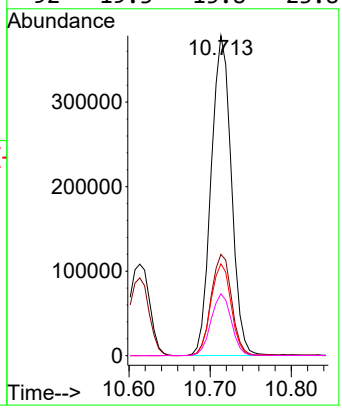




#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:127 Resp: 65513

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	28.7	23.8	35.6
92	19.3	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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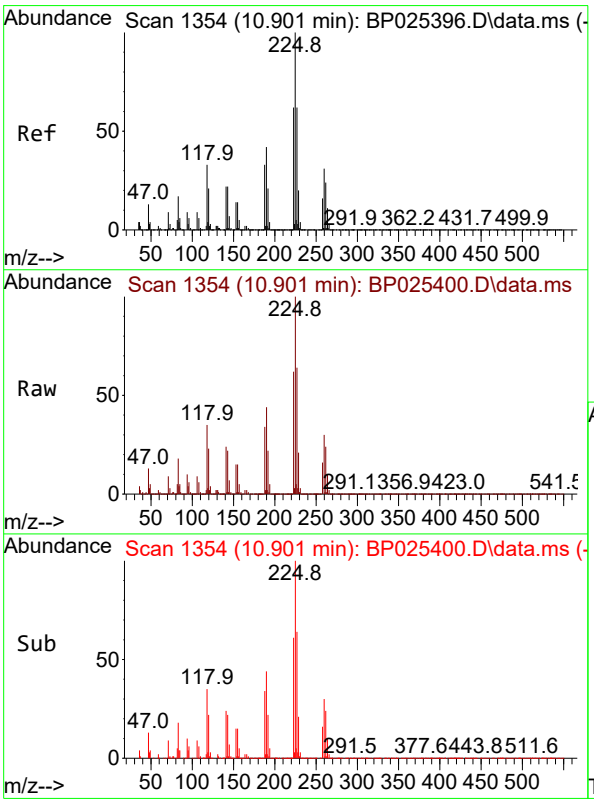
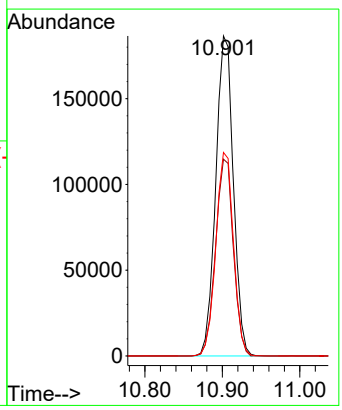
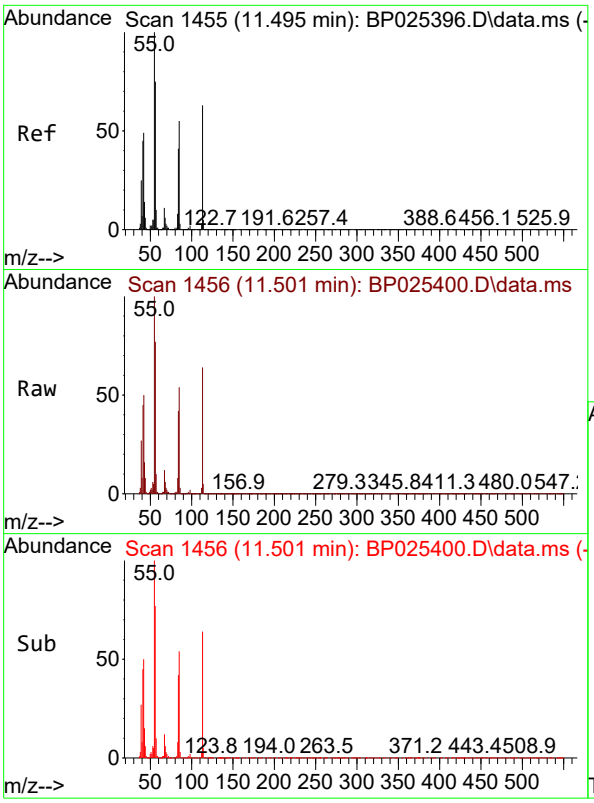


#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:225 Resp: 293728

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	63.6	49.7	74.5

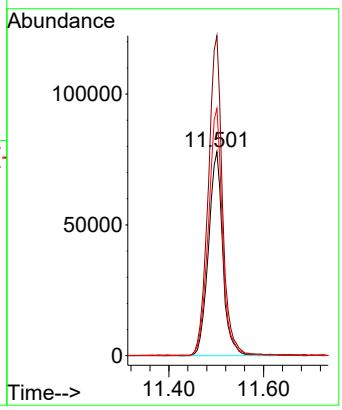




#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:113 Resp: 16321

Ion	Ratio	Lower	Upper
113	100		
55	156.9	140.0	180.0
56	121.2	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
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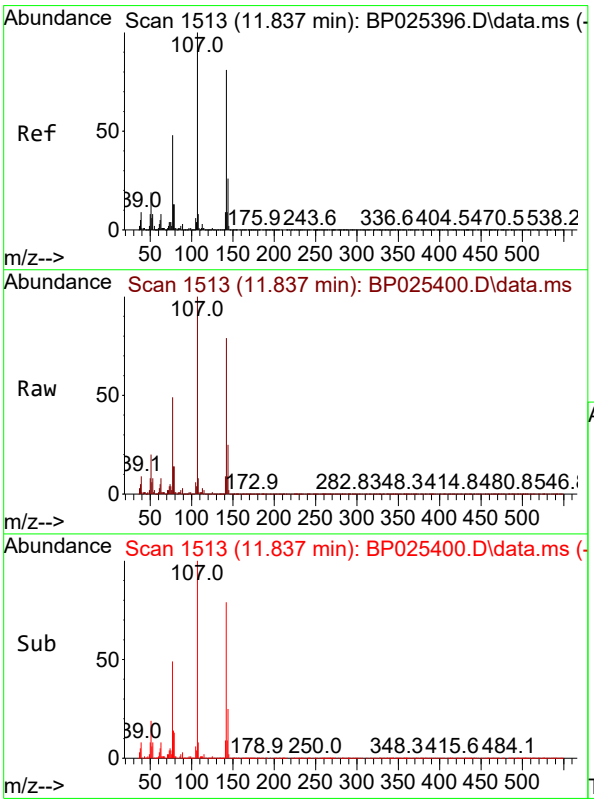
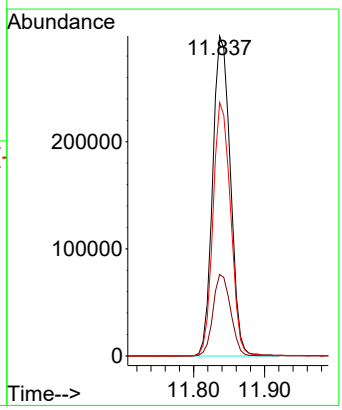
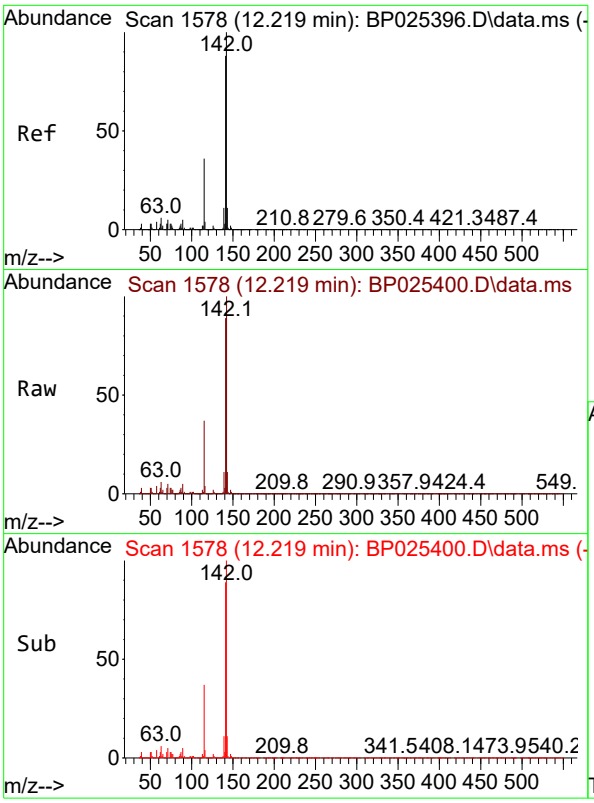


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 517126

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	79.2	64.6	97.0

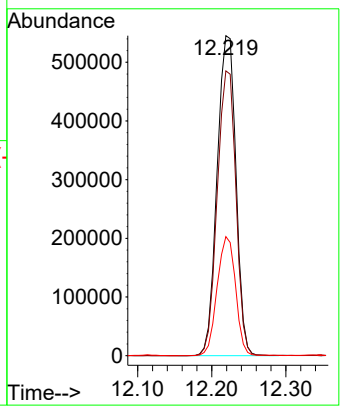




#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 96014

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	37.2	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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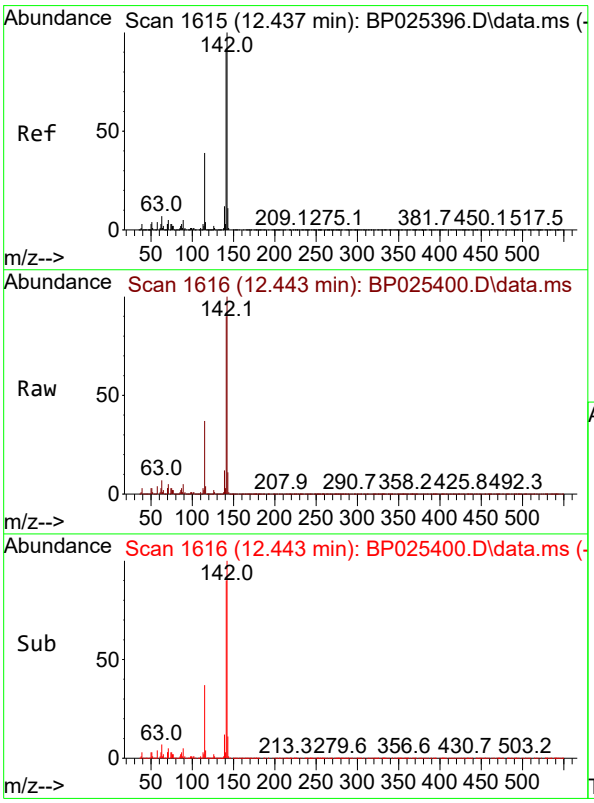
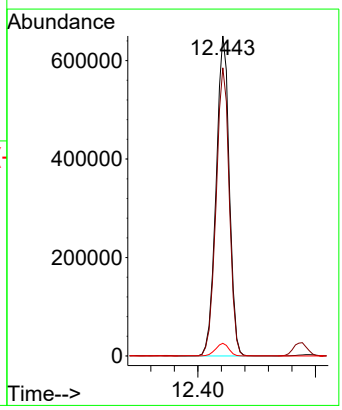
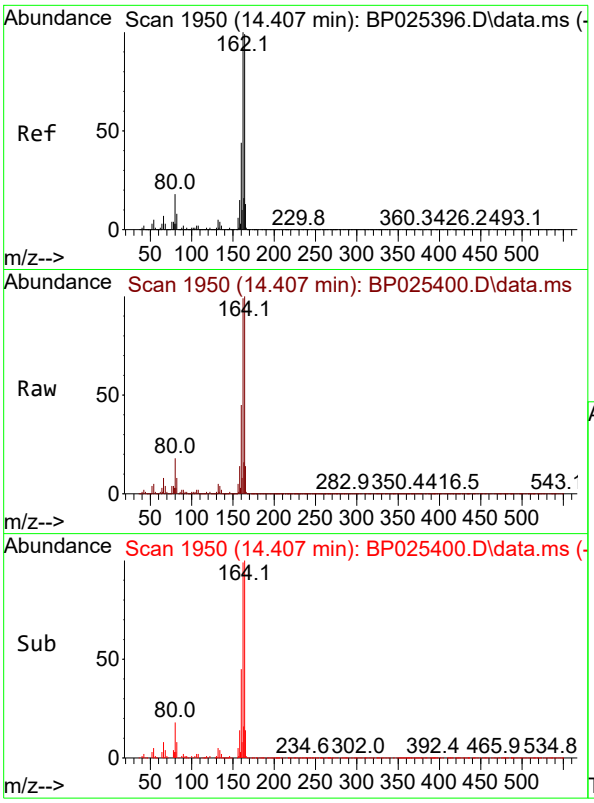


#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.1	109.7
116	3.9	3.2	4.8

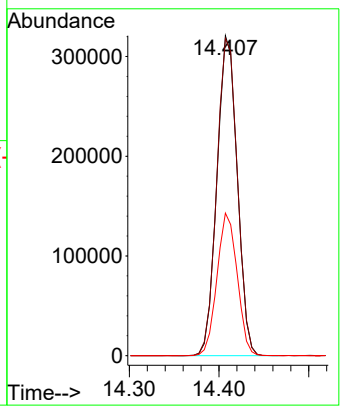




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:164 Resp: 50323

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	44.5	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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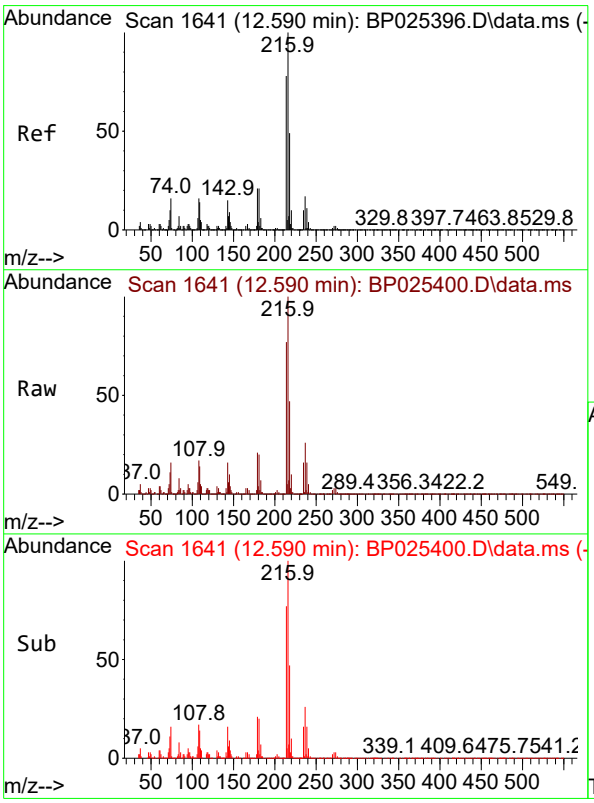
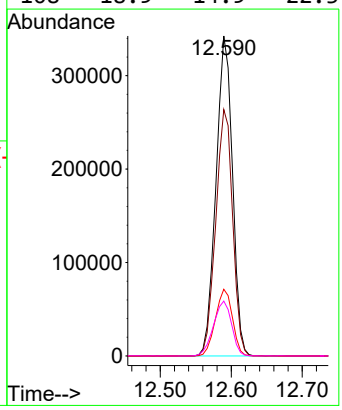
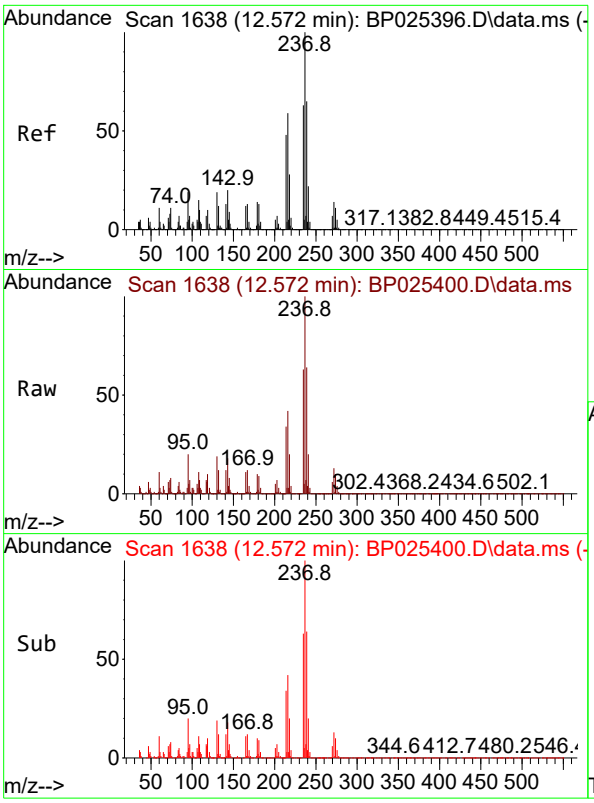


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.895 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:216 Resp: 550777

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.4	17.1	25.7
108	18.9	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Tgt Ion:237 Resp: 35181

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	13.0	0.0	34.0

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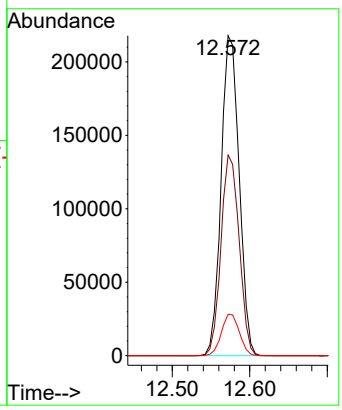
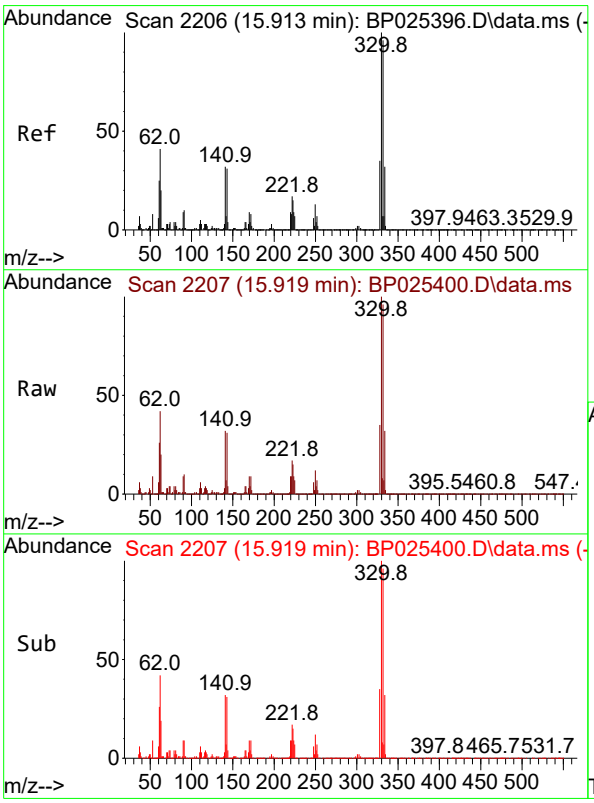
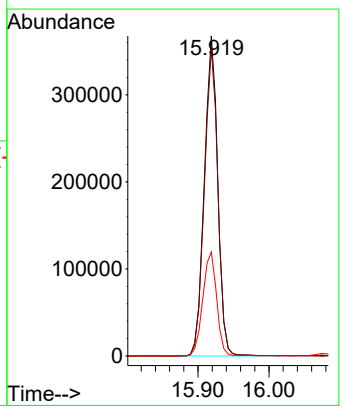


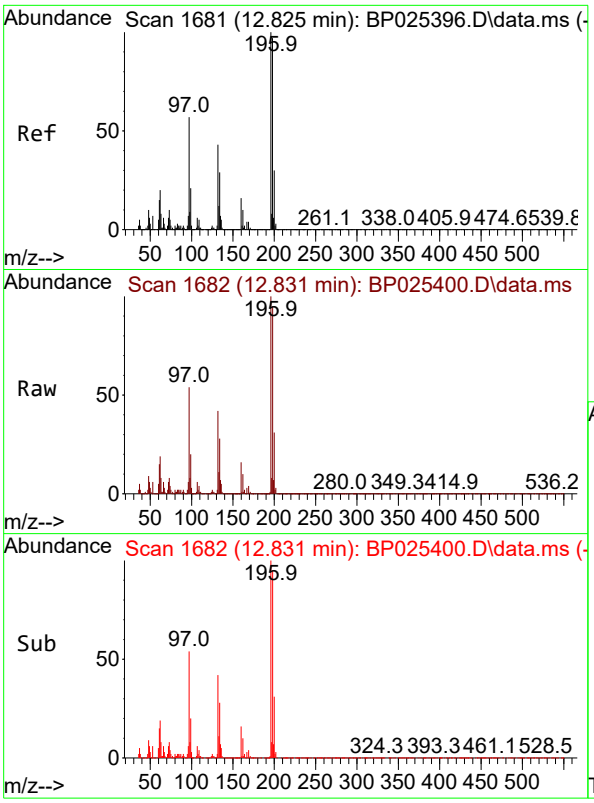


#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:330 Resp: 484870

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	26.6	39.8

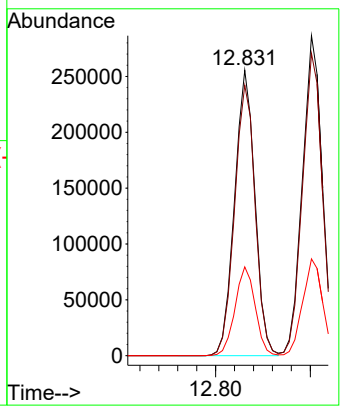




#43
2,4,6-Trichlorophenol
Concen: 38.972 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 38239

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	31.1	23.9	35.9



Instrument :
BNA_P
ClientSampleId :
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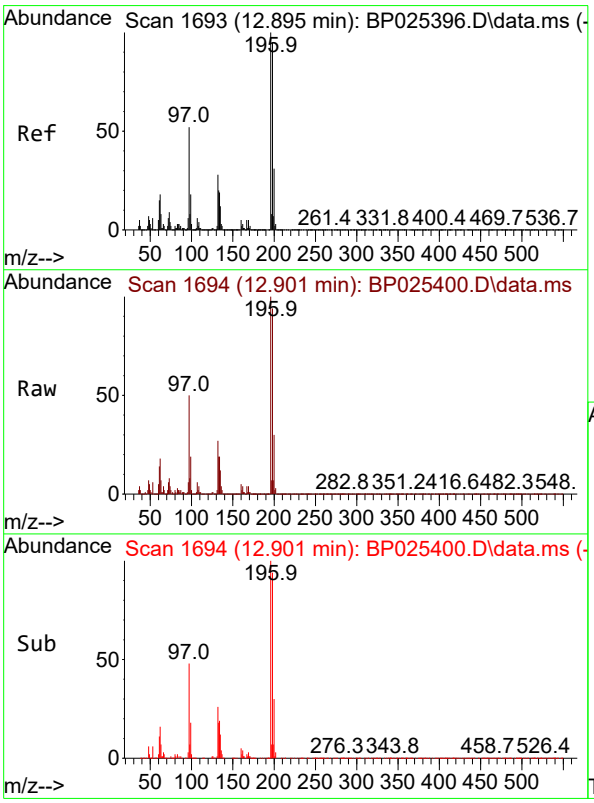
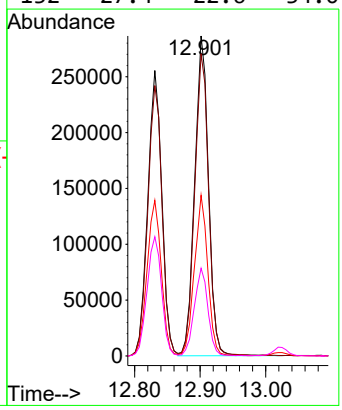
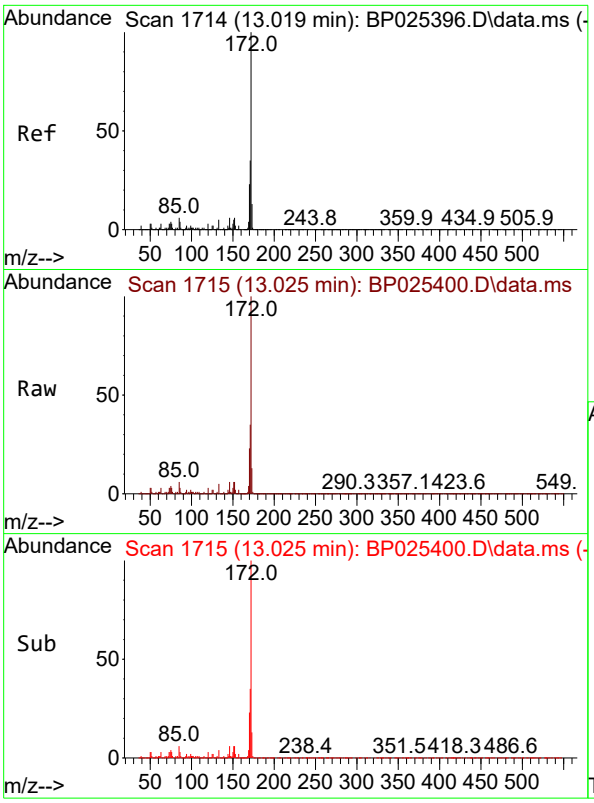


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:196 Resp: 420565

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	50.2	41.2	61.8
132	27.4	22.6	34.0

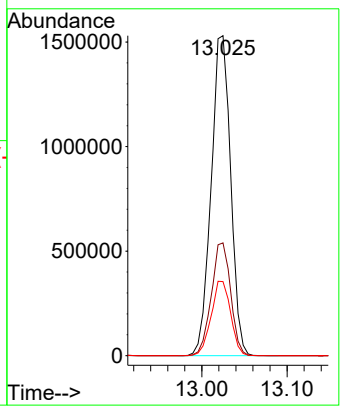




#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:172 Resp: 243082

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.1	18.6	28.0



Instrument :
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ClientSampleId :
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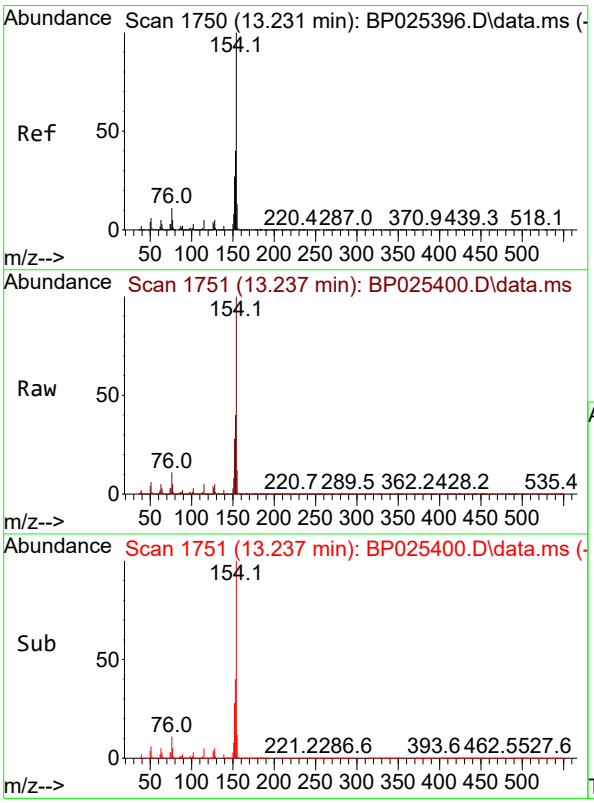
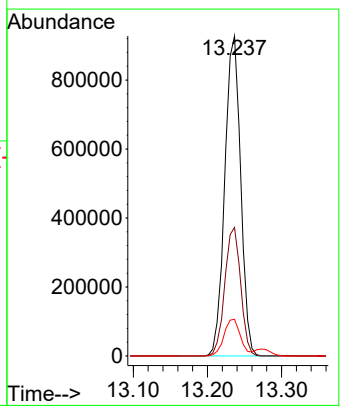
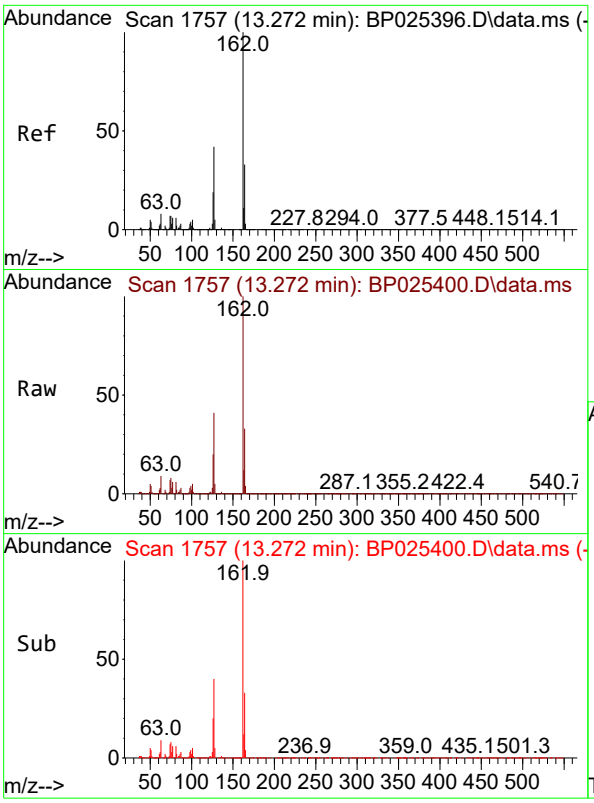


#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:154 Resp: 1376834

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.4	0.0	31.1

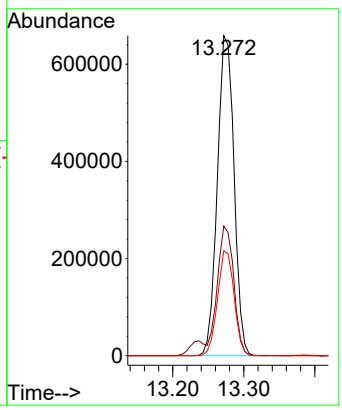




#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:162 Resp: 107214

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	32.8	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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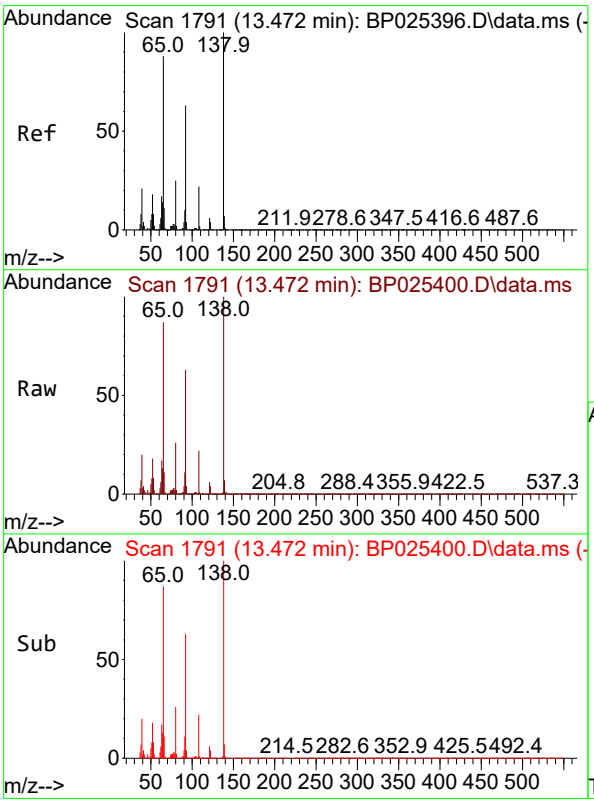
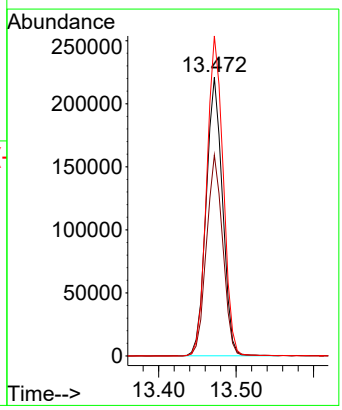
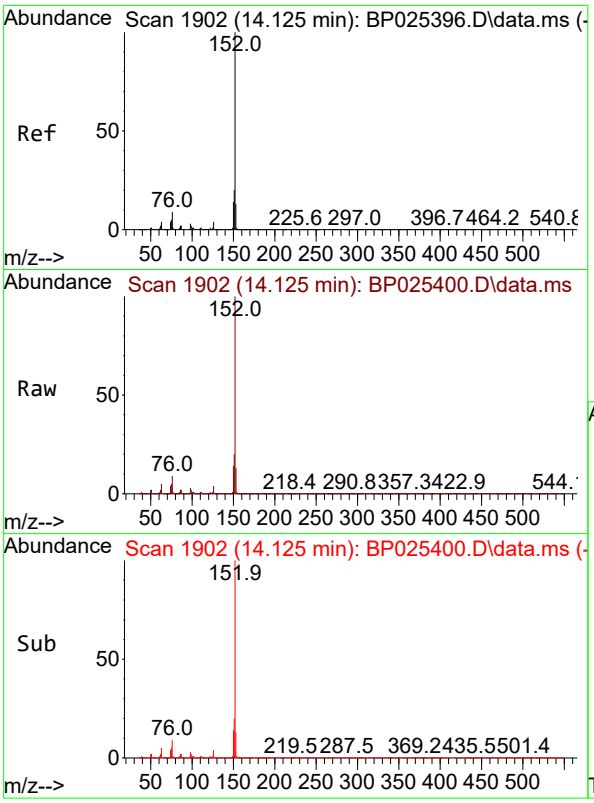


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 65 Resp: 323995

Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.6	86.4
138	114.9	91.0	136.6

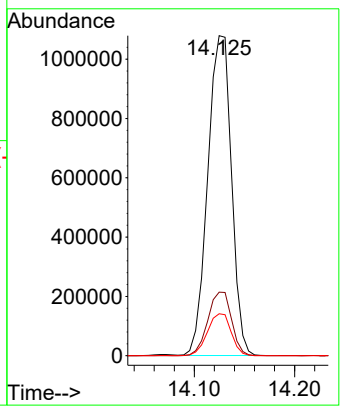




#49
Acenaphthylene
Concen: 37.720 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:152 Resp: 177589

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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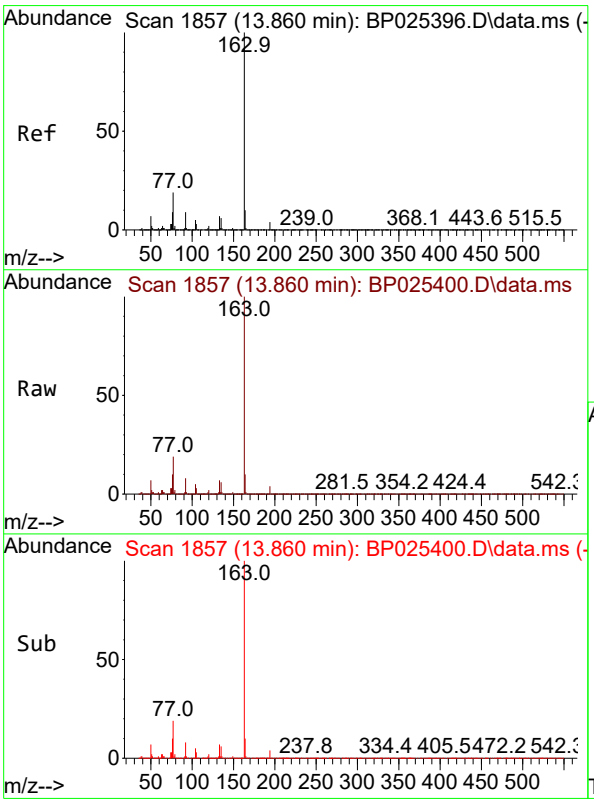
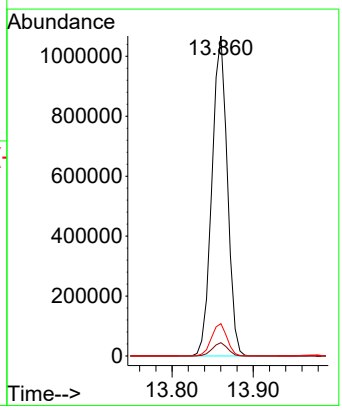
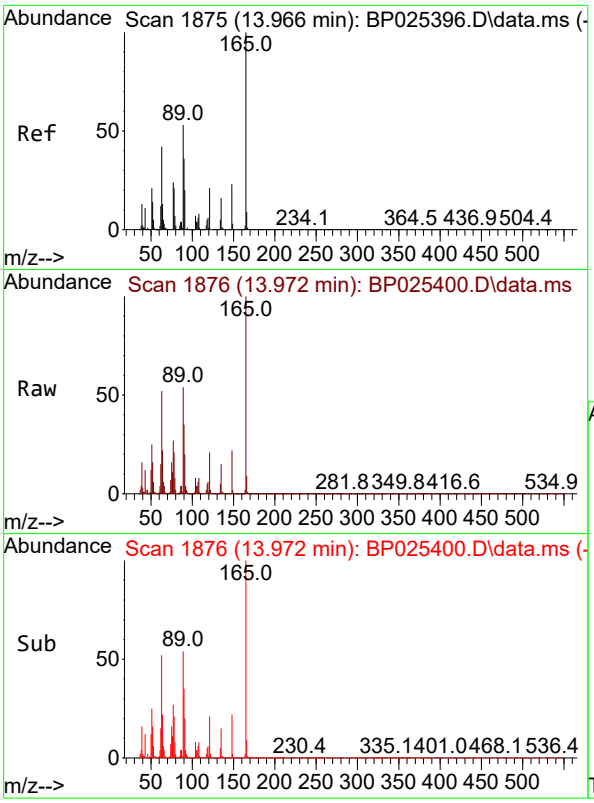


#50
Dimethylphthalate
Concen: 38.170 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:163 Resp: 1406620

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9

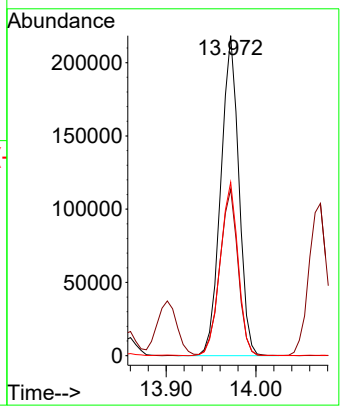




#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 30456

Ion	Ratio	Lower	Upper
165	100		
63	52.1	40.9	61.3
89	54.2	42.1	63.1



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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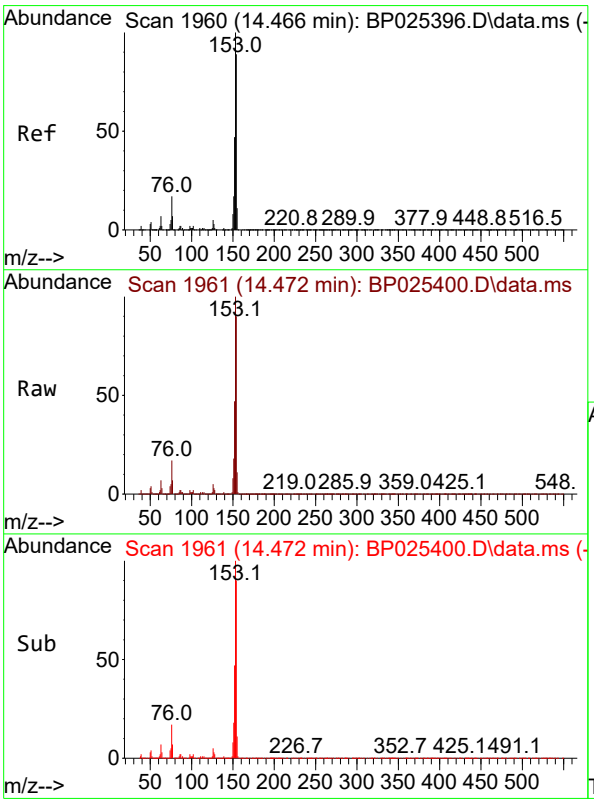
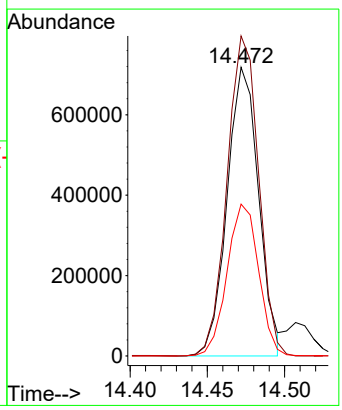
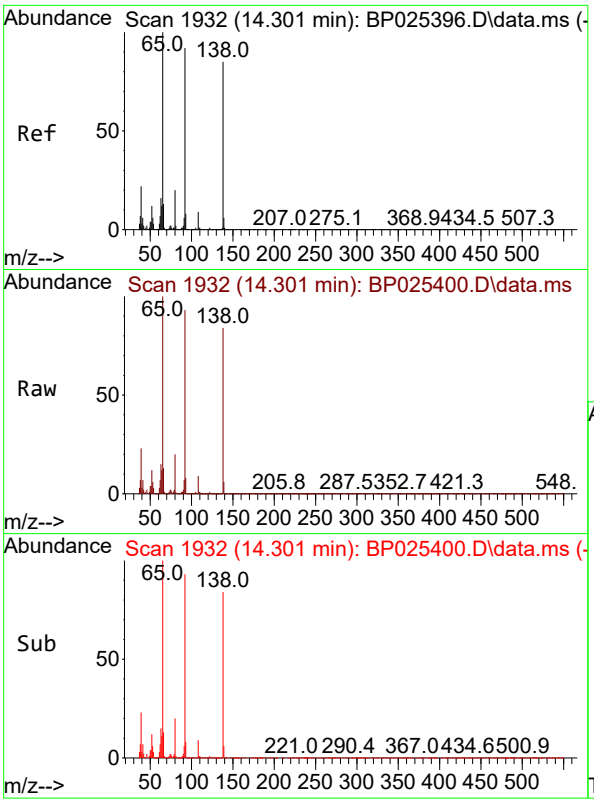


#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:154 Resp: 1018011

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.2	135.2
152	52.6	42.1	63.1





#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 34979

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	110.0	86.2	129.2

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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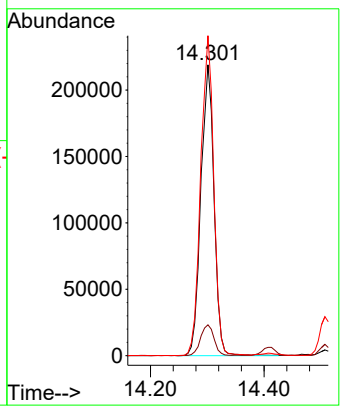
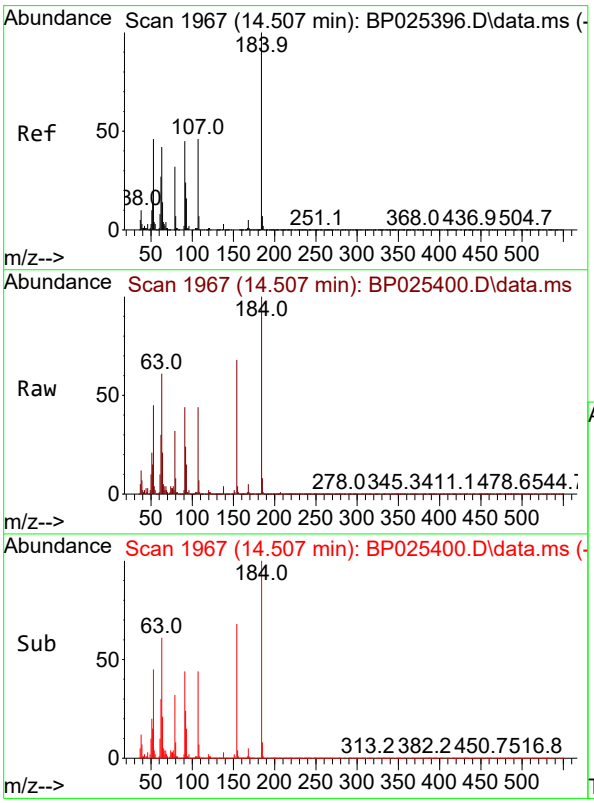
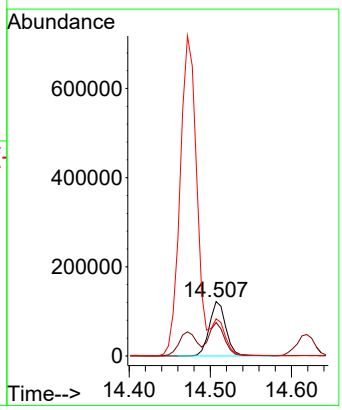


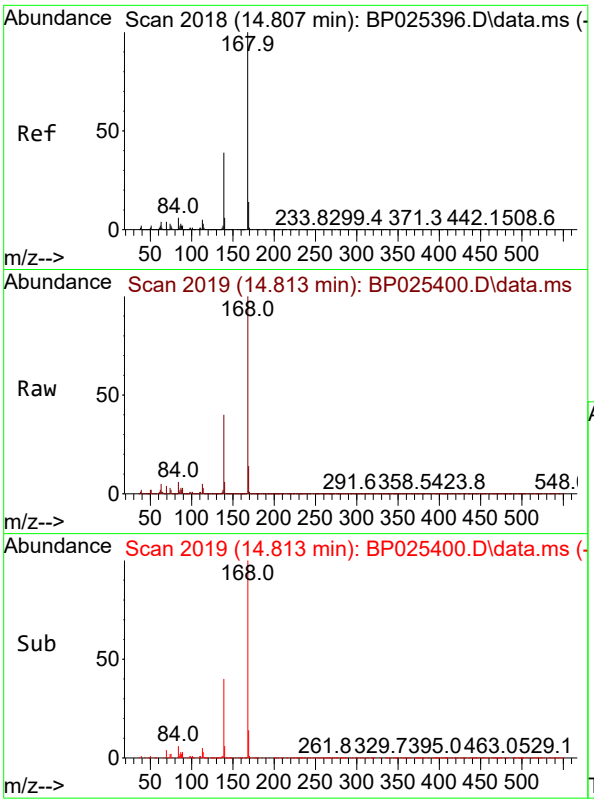


#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 172743

Ion	Ratio	Lower	Upper
184	100		
63	61.3	49.4	74.2
154	68.1	54.6	82.0

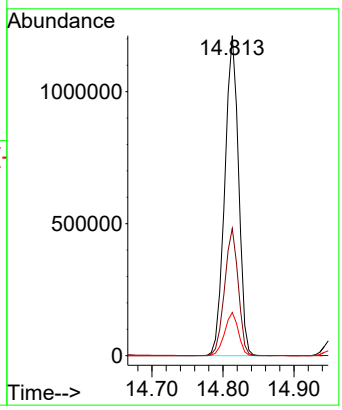




#55
Dibenzofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:168 Resp: 163074

Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.5	47.3
169	13.5	10.9	16.3



Instrument :
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ClientSampleId :
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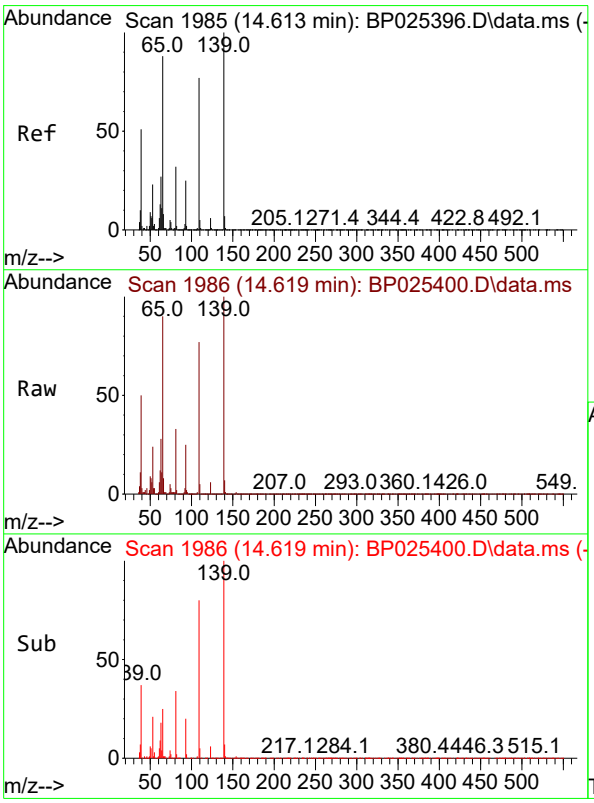
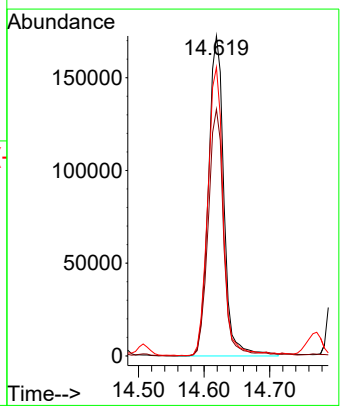
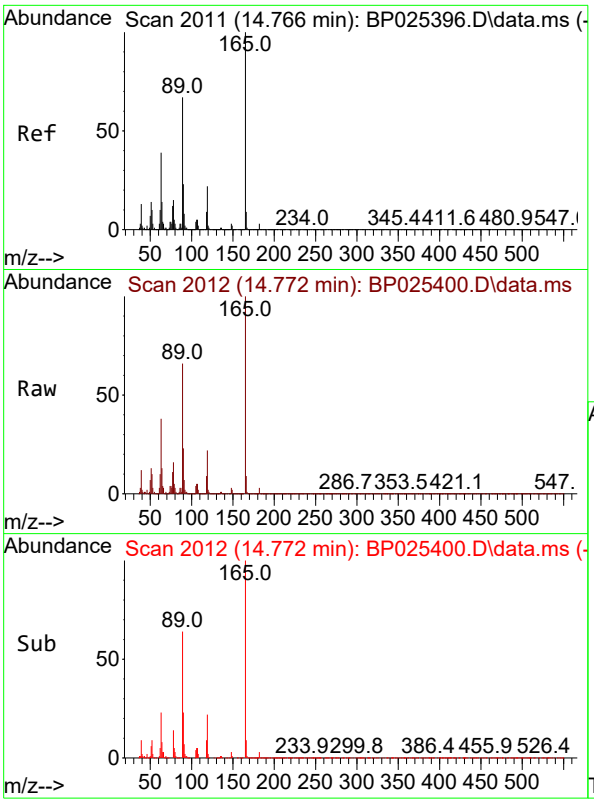


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 284585

Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.6	96.6
65	90.2	68.2	108.2

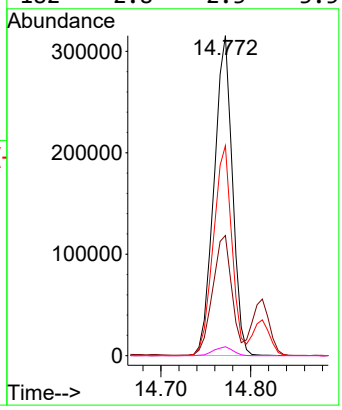




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 14.772 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:165 Resp: 44814

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.4	47.2
89	65.6	53.3	79.9
182	2.8	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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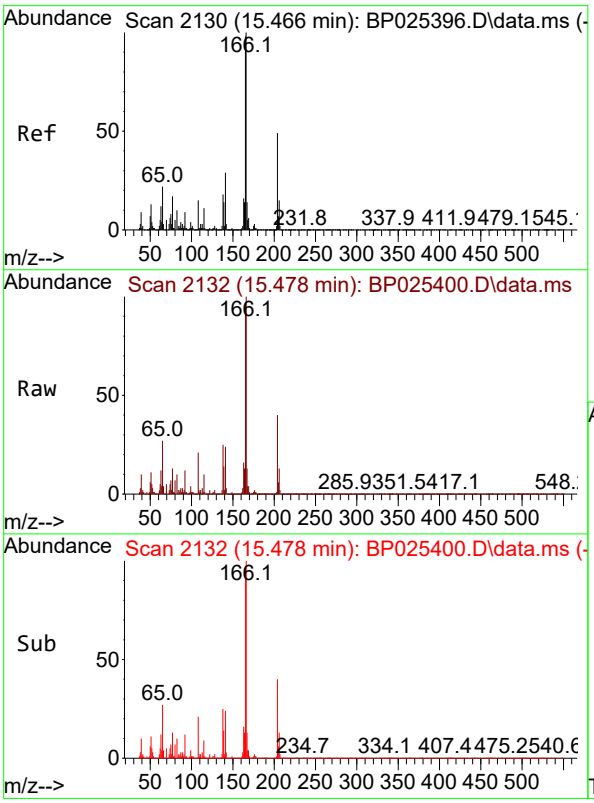
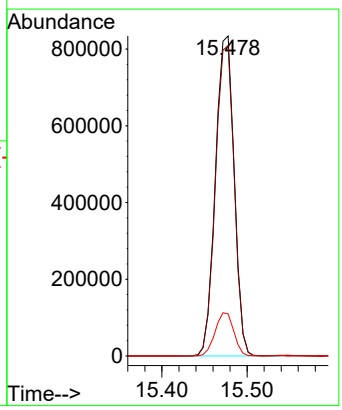
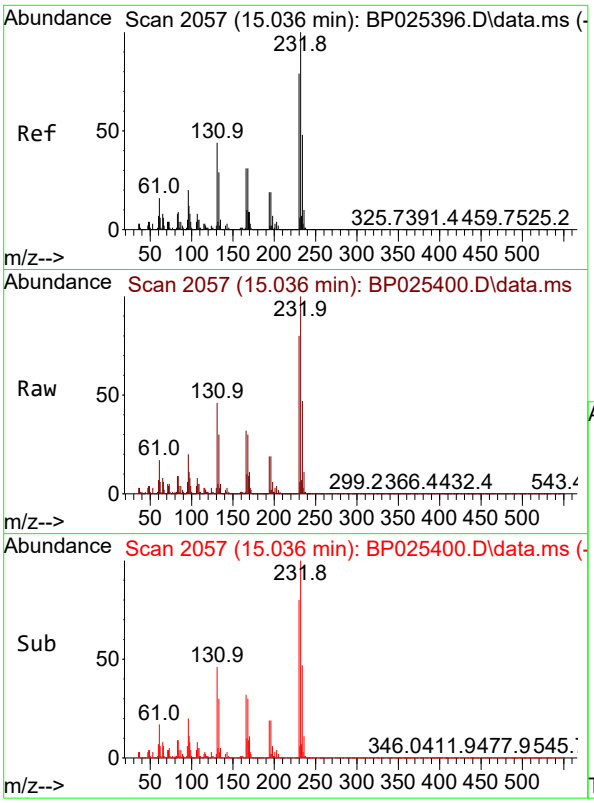


#58
Fluorene
Concen: 36.992 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:166 Resp: 1275341

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.8	118.2
167	13.2	11.0	16.4

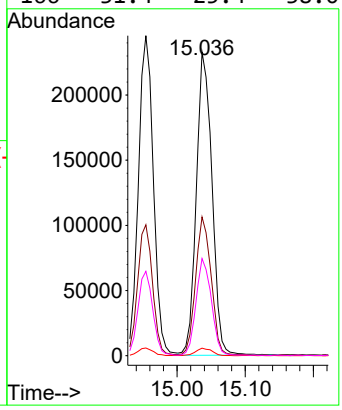




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:232 Resp: 37171

Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.0	55.6
130	2.6	1.9	2.9
166	31.4	25.4	38.0



Instrument :
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ClientSampleId :
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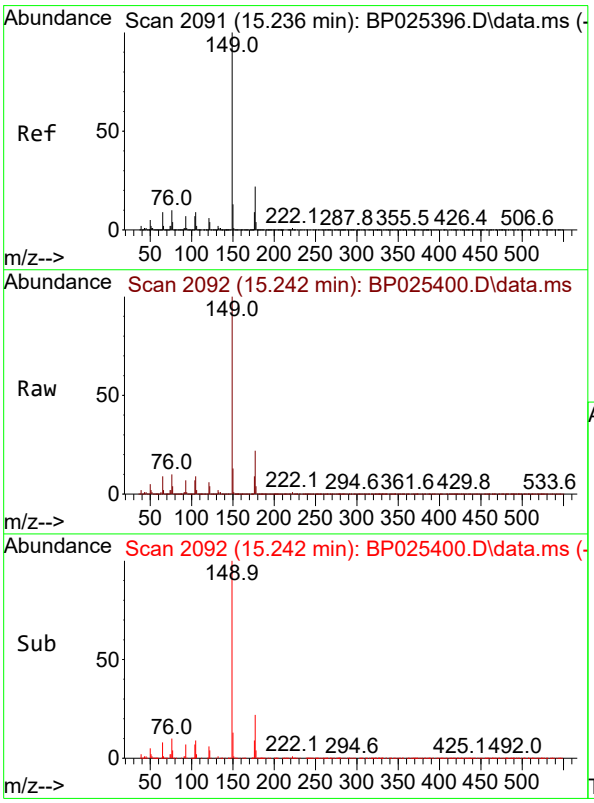
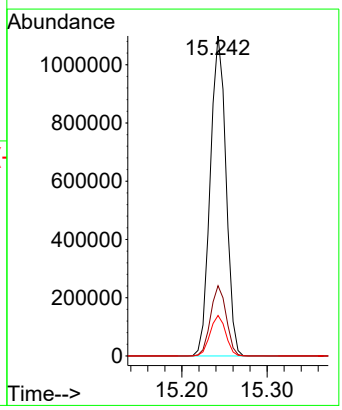
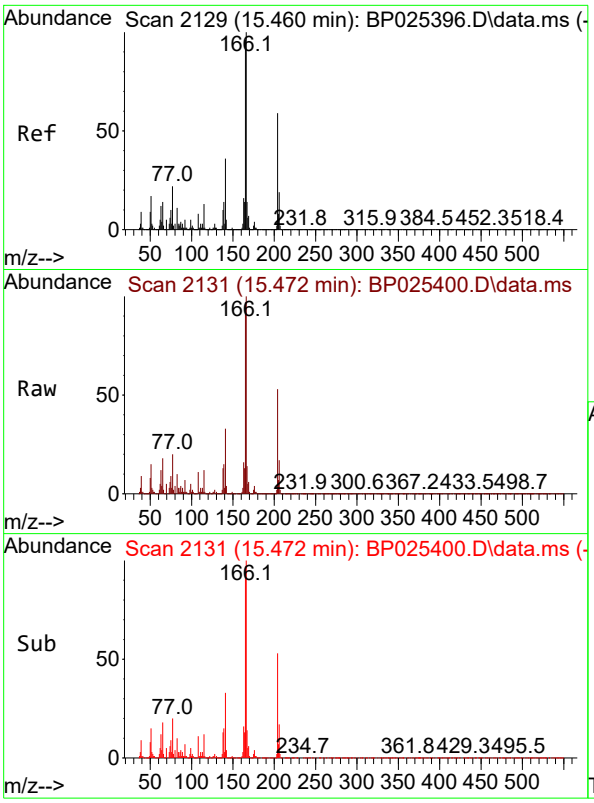


#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1415787

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.7	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:204 Resp: 62747

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	62.9	49.4	74.2

Instrument :
BNA_P
ClientSampleId :
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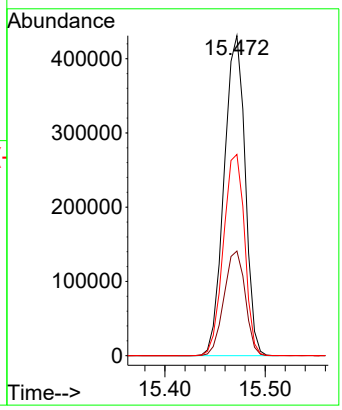
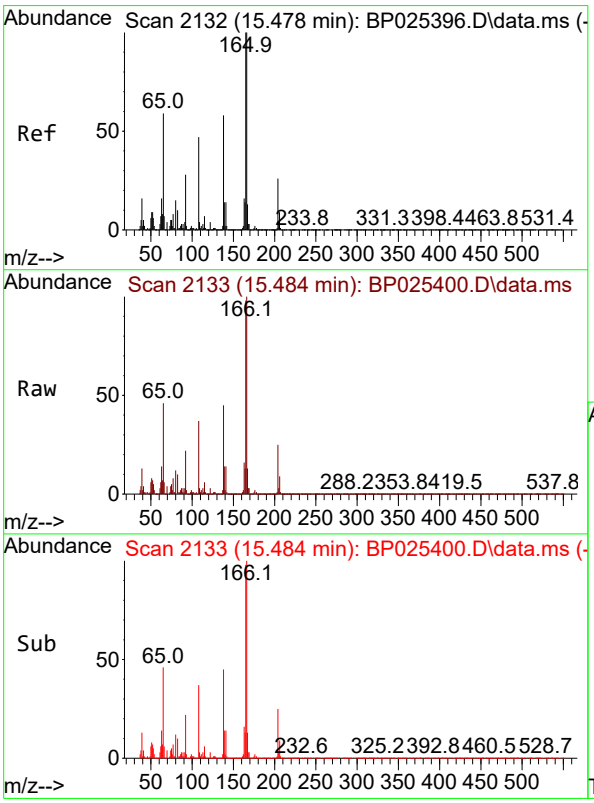
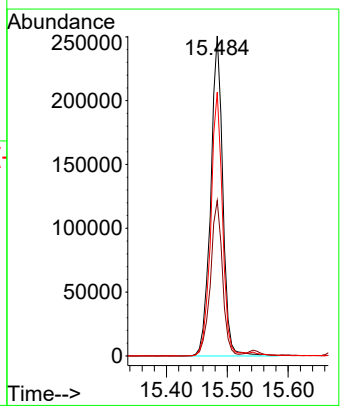


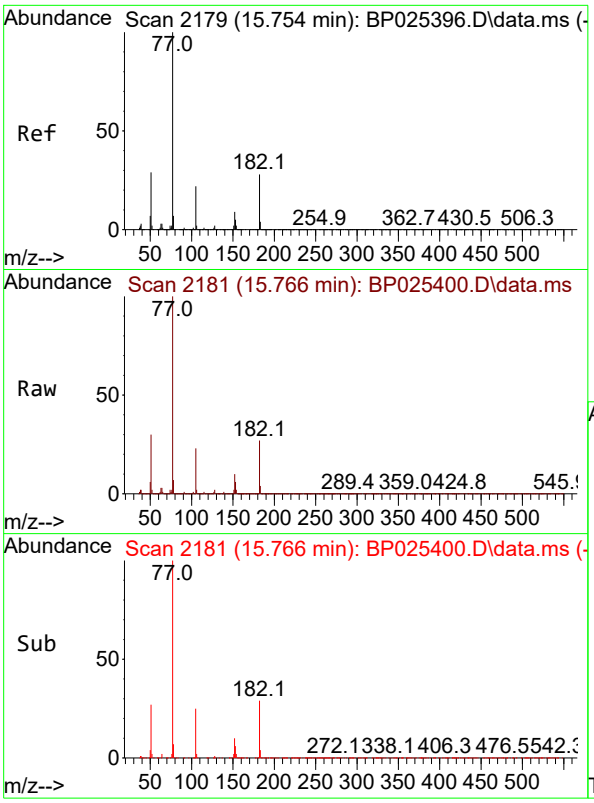


#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:138 Resp: 346865

Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.1	69.1
108	82.4	61.5	101.5

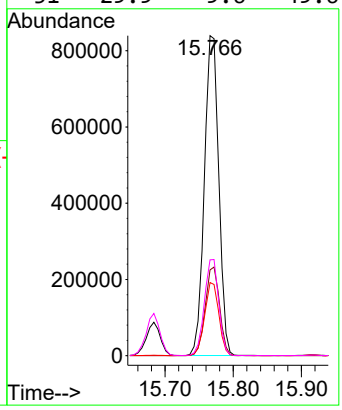




#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 77 Resp: 123524

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.5	47.5
105	22.8	2.1	42.1
51	29.9	9.6	49.6



Instrument :
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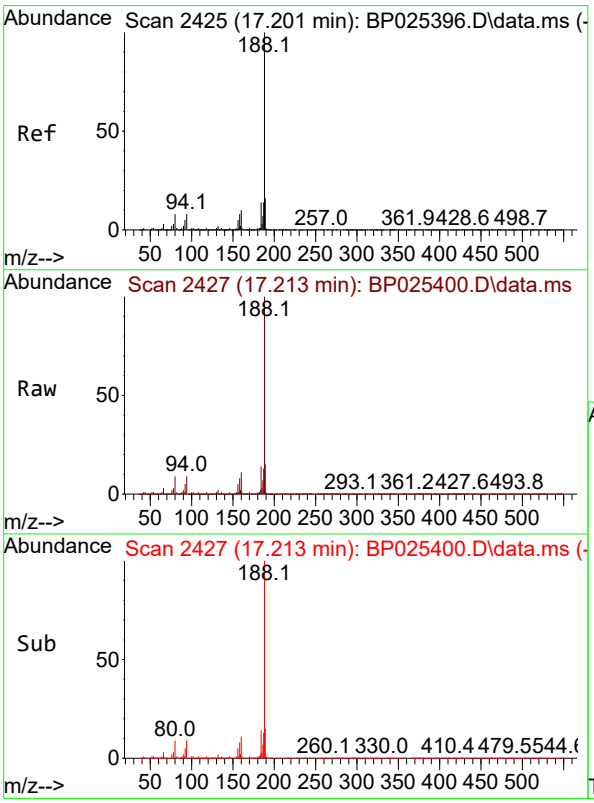
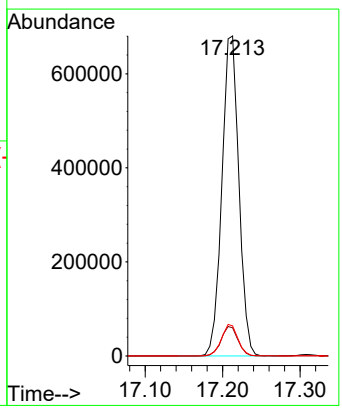
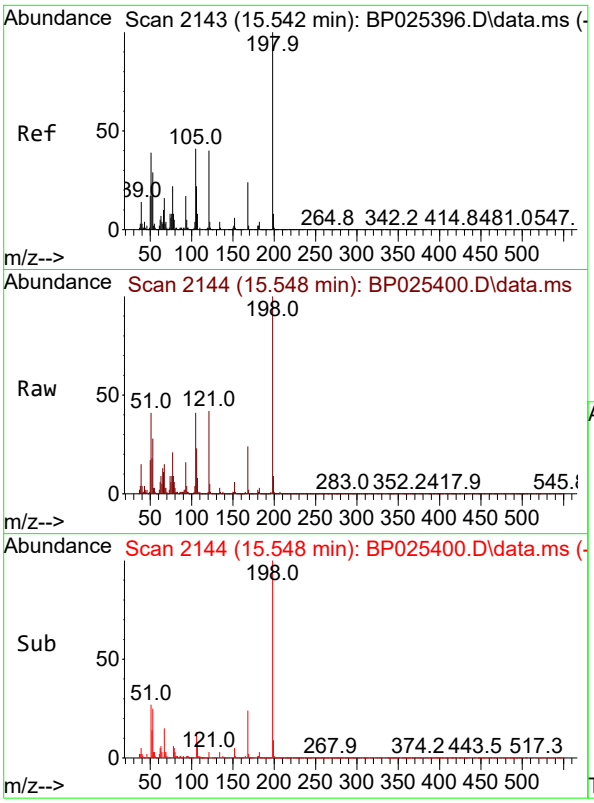


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:188 Resp: 1034378

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	6.7	10.1

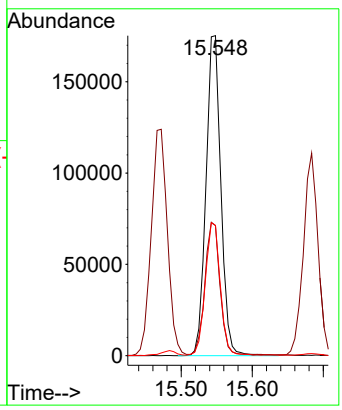




#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:198 Resp: 25611

Ion	Ratio	Lower	Upper
198	100		
51	40.6	19.6	59.6
105	40.7	20.9	60.9



Instrument :
BNA_P
ClientSampleId :
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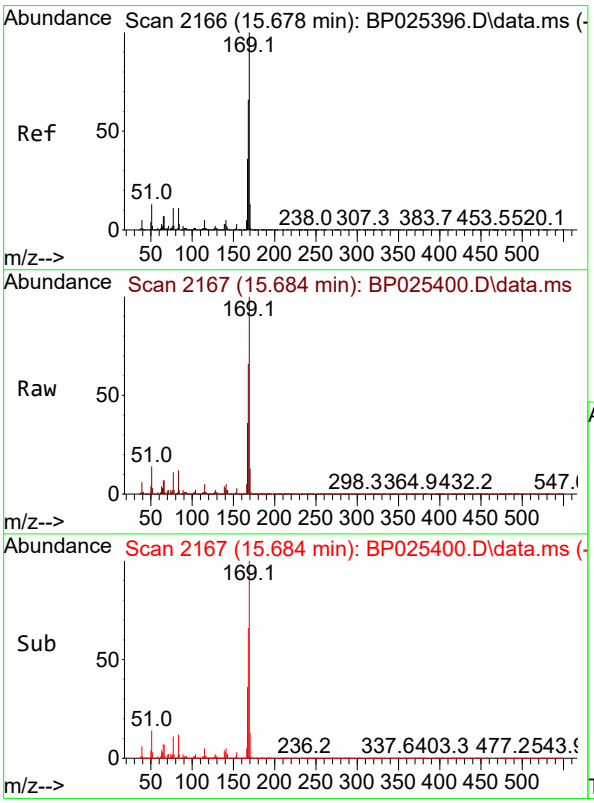
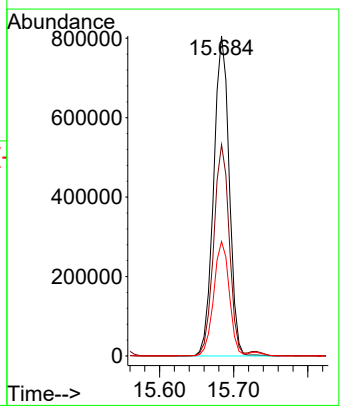
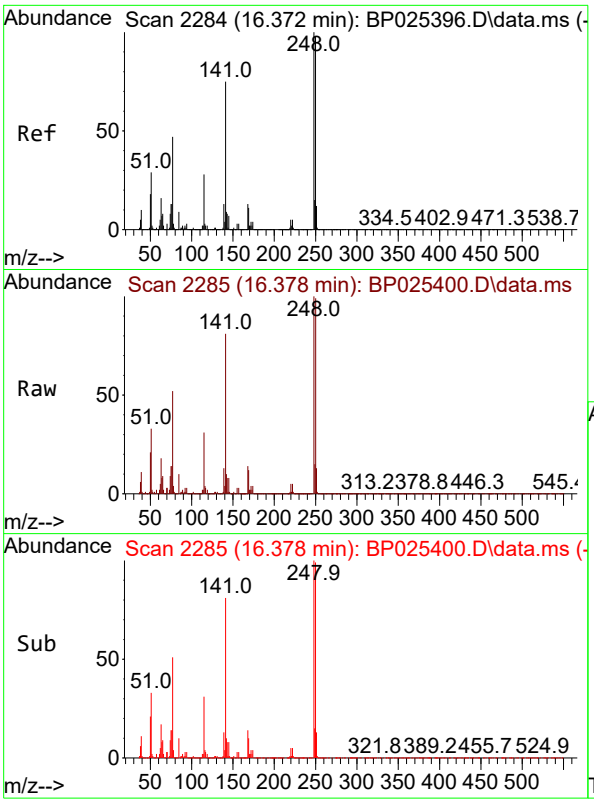


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:169 Resp: 1174244

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	35.7	28.7	43.1





#67
4-Bromophenyl-phenylether
Concen: 37.101 ng
RT: 16.378 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:248 Resp: 42207

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.2	117.2
141	81.1	59.6	89.4

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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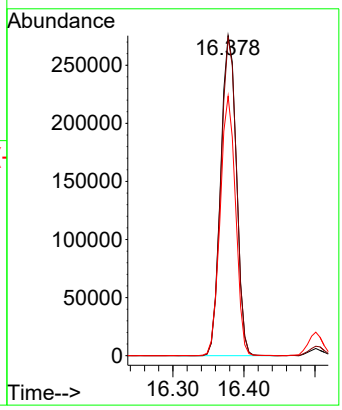
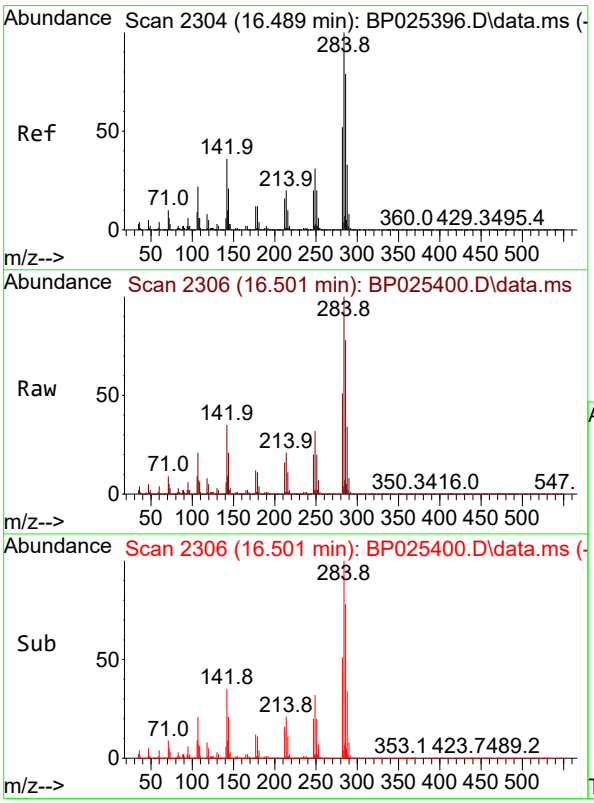
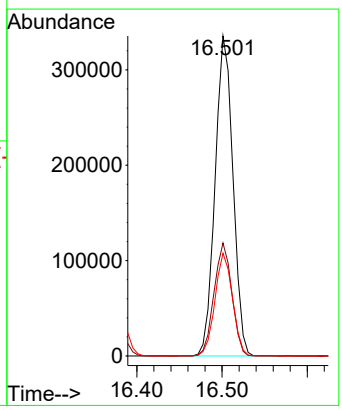


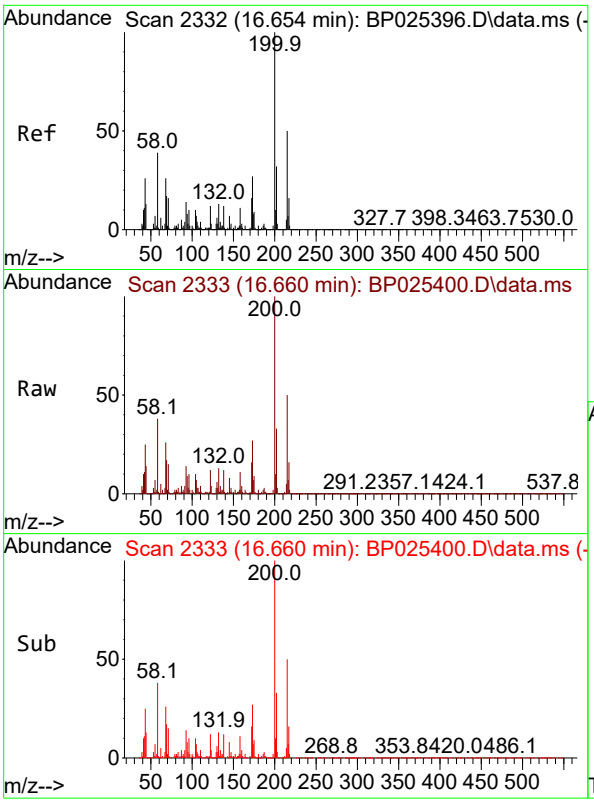


#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:284 Resp: 488749

Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.1	43.7
249	32.1	25.0	37.4

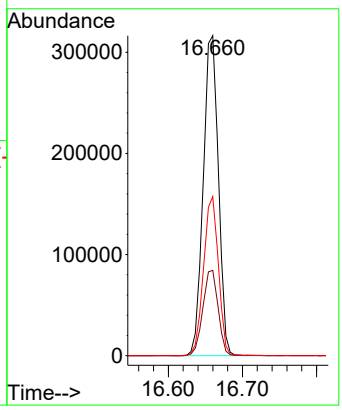




#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:200 Resp: 44955

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	49.7	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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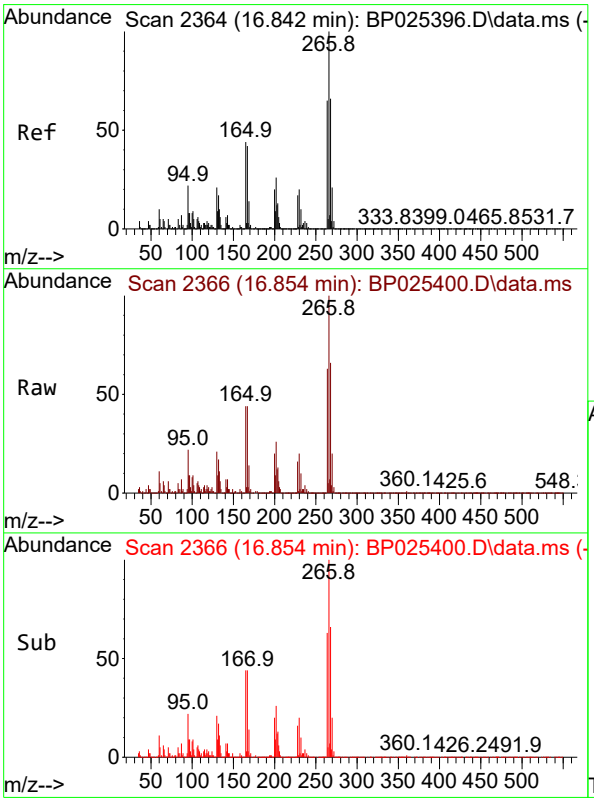
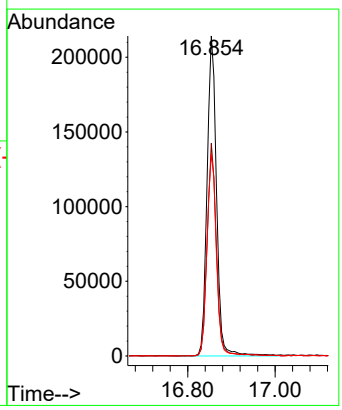
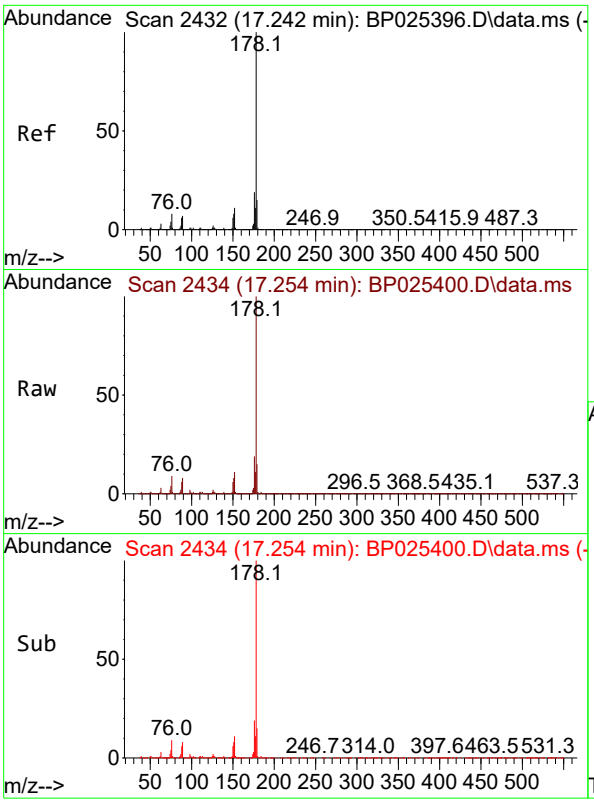


#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:266 Resp: 322435

Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.6	79.0
264	63.2	52.0	78.0

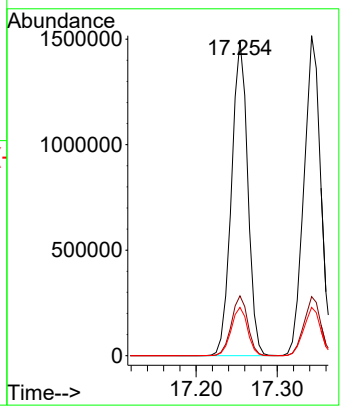




#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 207087

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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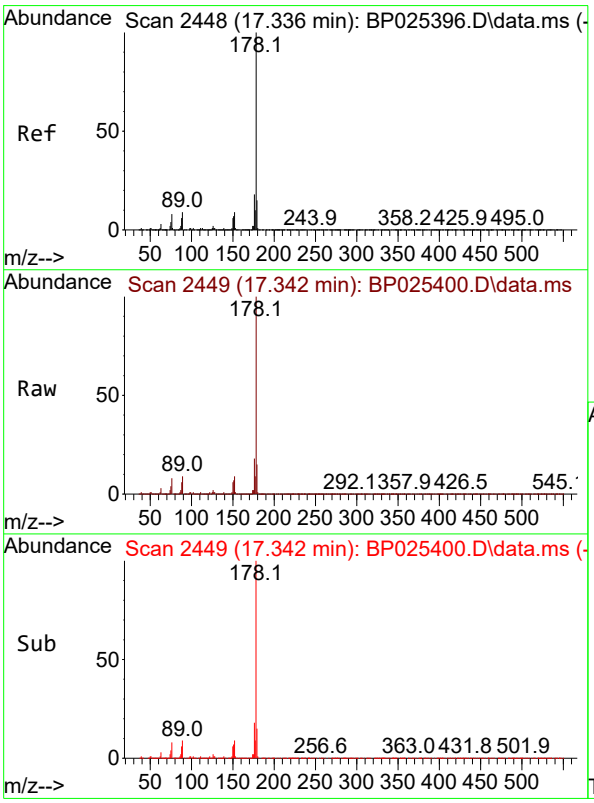
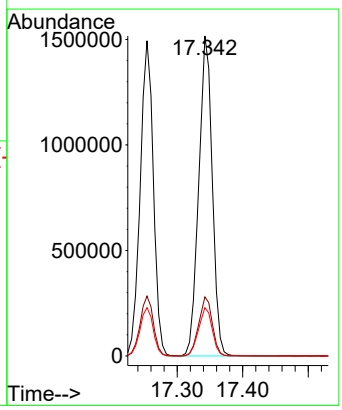
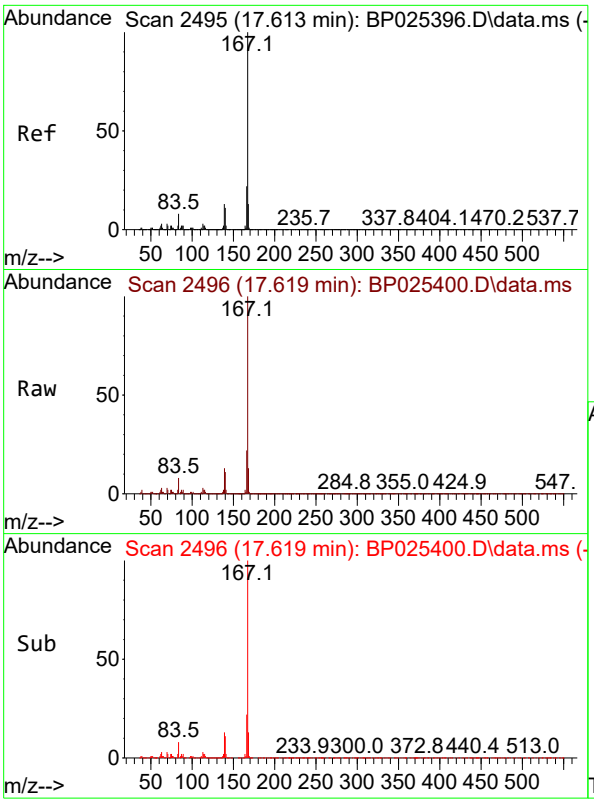


#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:178 Resp: 2179669

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.1	12.2	18.2

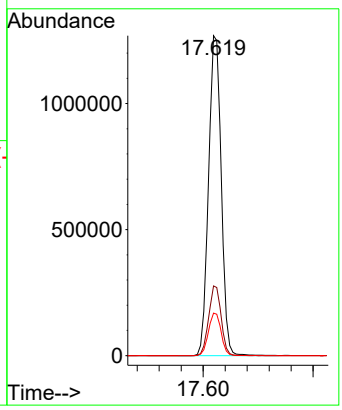




#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:167 Resp: 202859

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	10.6	16.0



Instrument :
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ClientSampleId :
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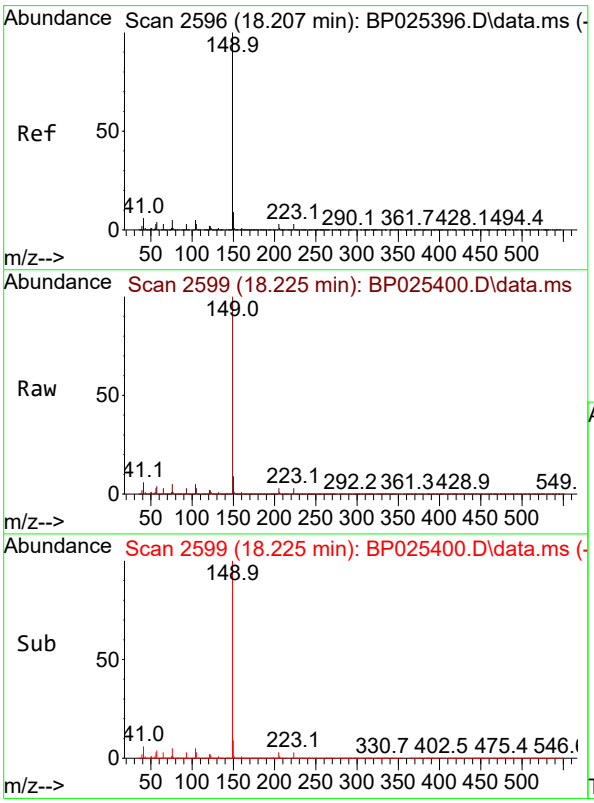
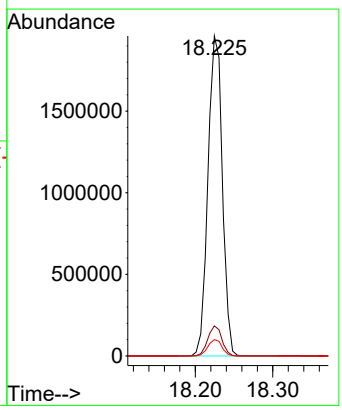
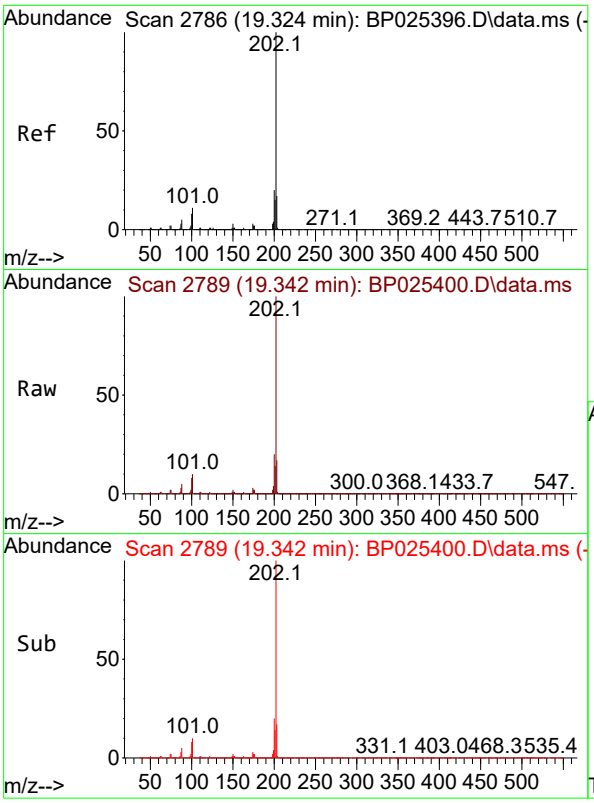


#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 2528547

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.2	6.2

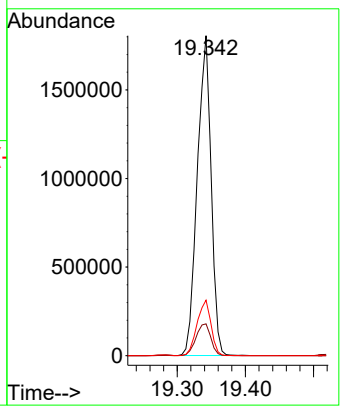




#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 254041

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.4	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
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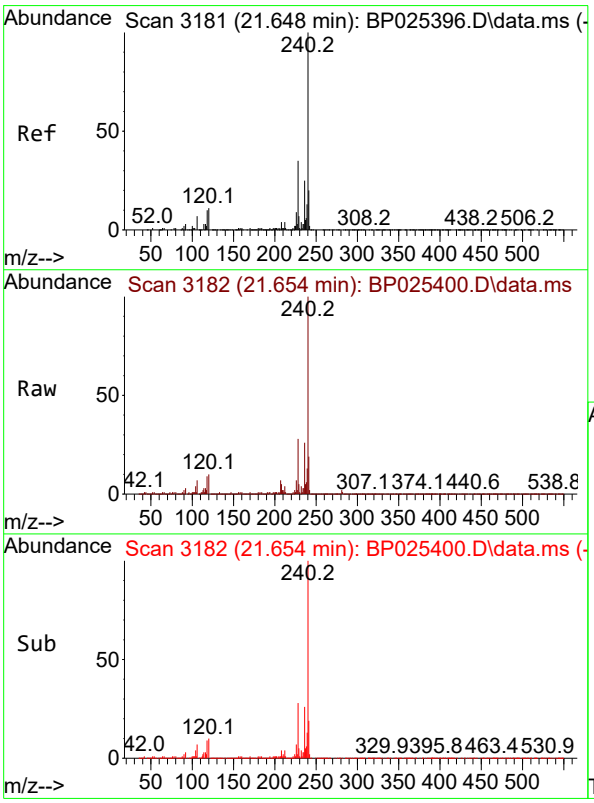
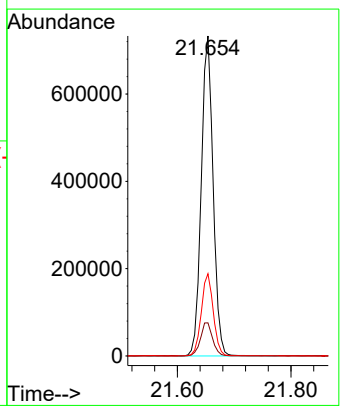
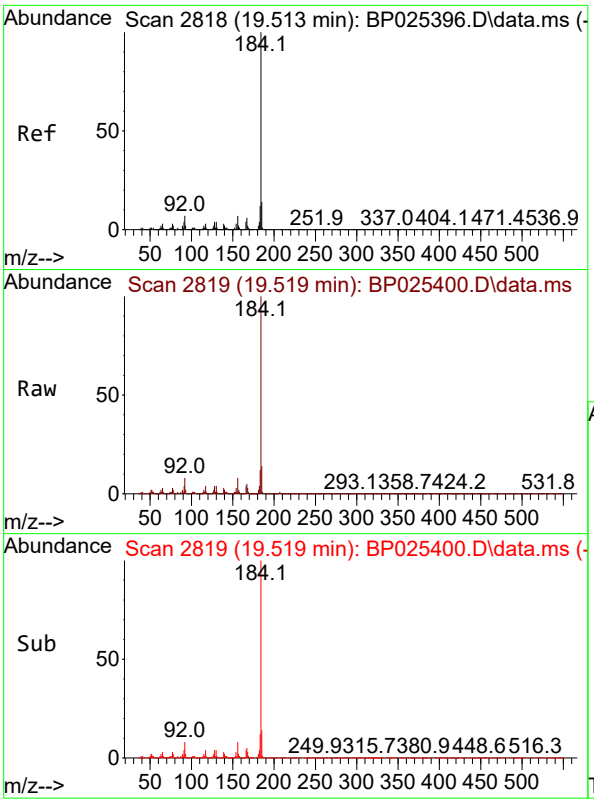


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:240 Resp: 1060337

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.7	19.8	29.8

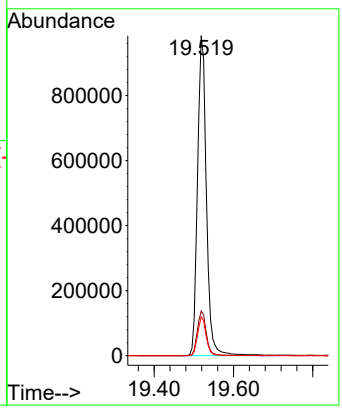




#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:184 Resp: 152965

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	12.1	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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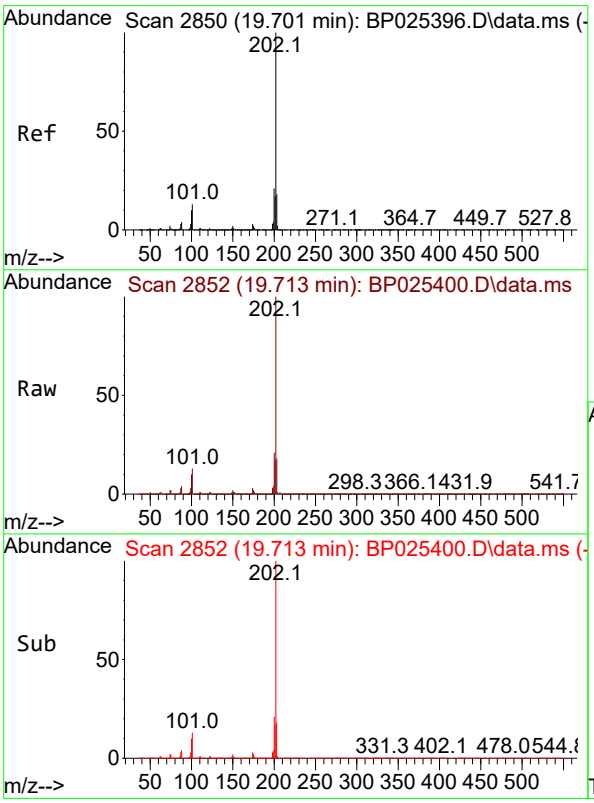
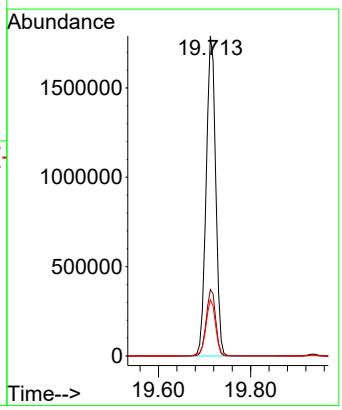
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

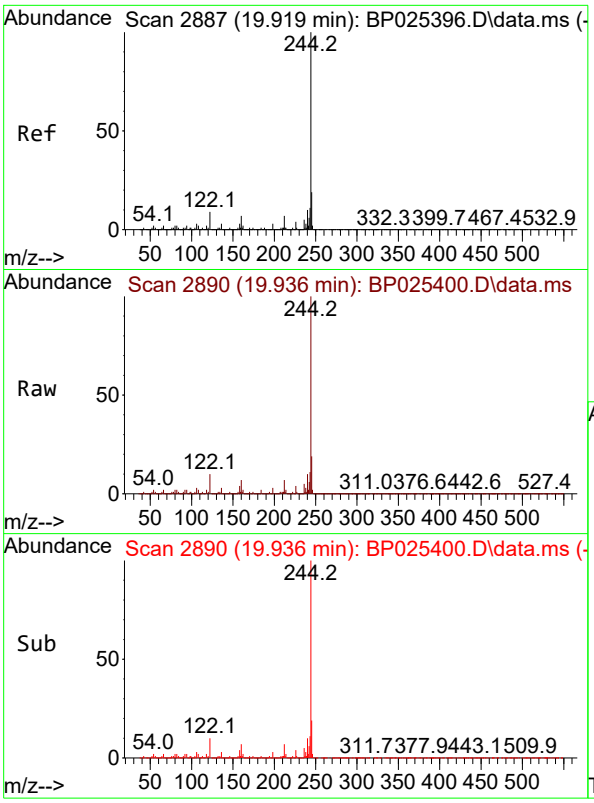


#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:202 Resp: 2577810

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.2	21.2

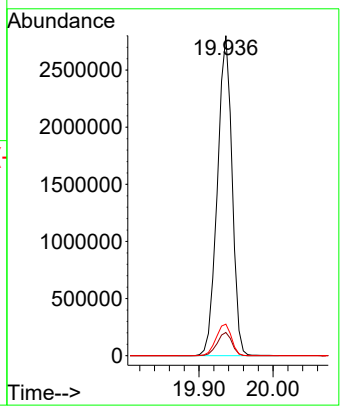




#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:244 Resp: 384816

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.9	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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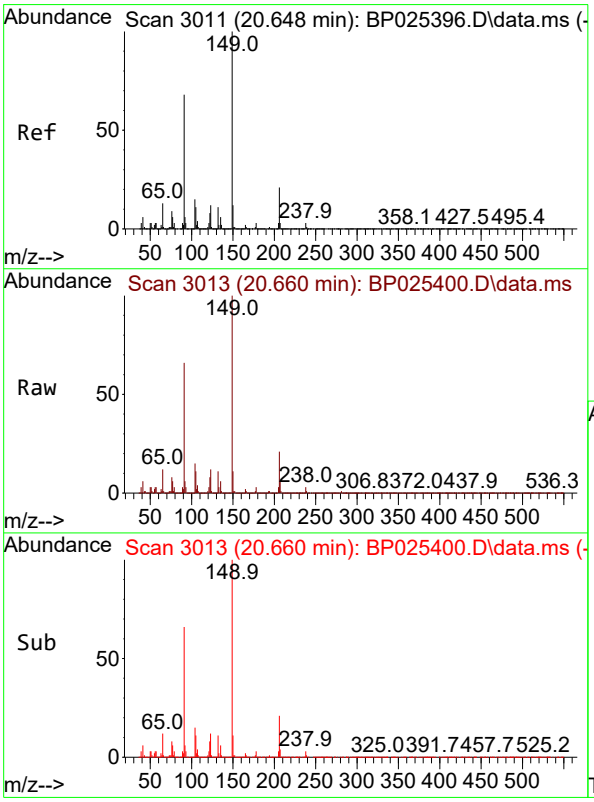
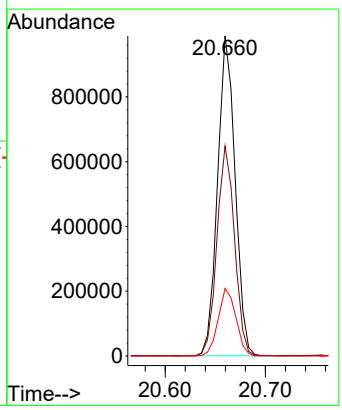
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

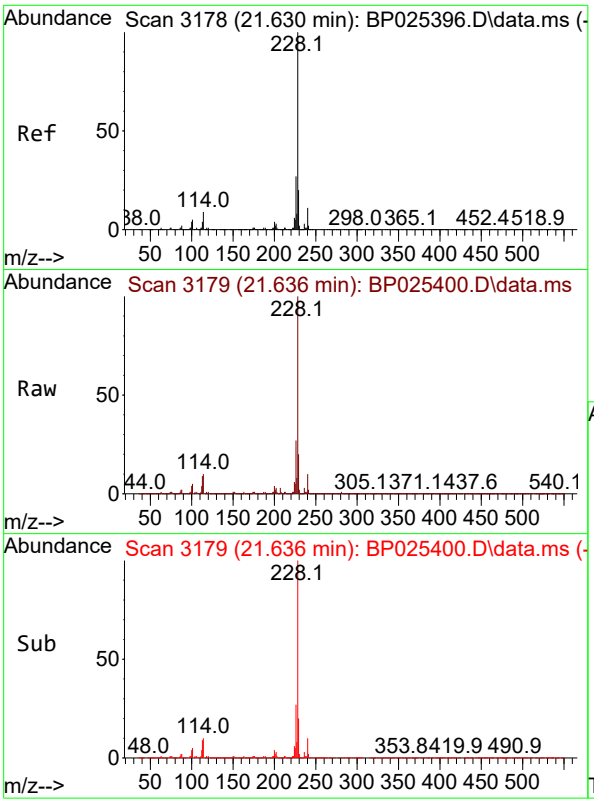


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1199445

Ion	Ratio	Lower	Upper
149	100		
91	65.6	54.2	81.2
206	21.1	16.6	24.8

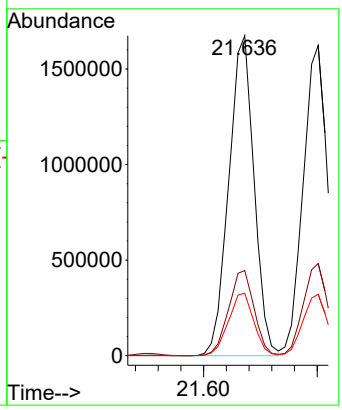




#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 258386

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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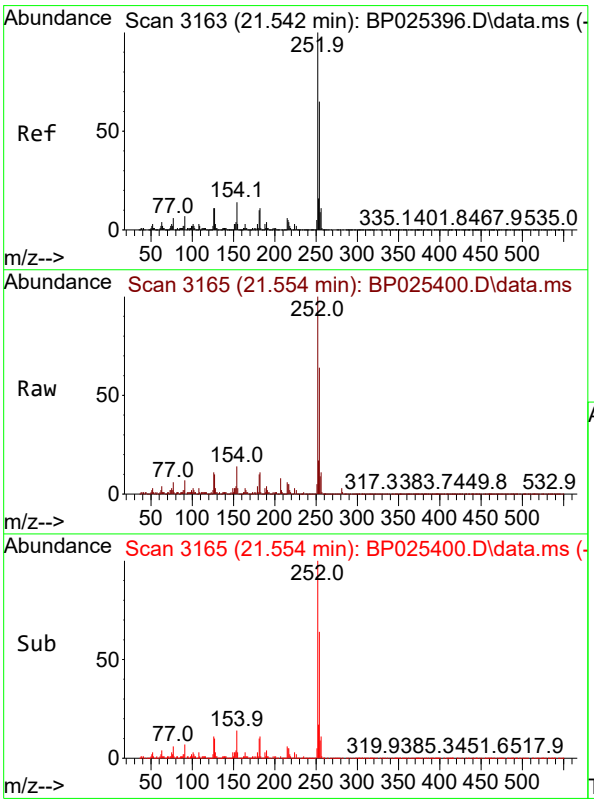
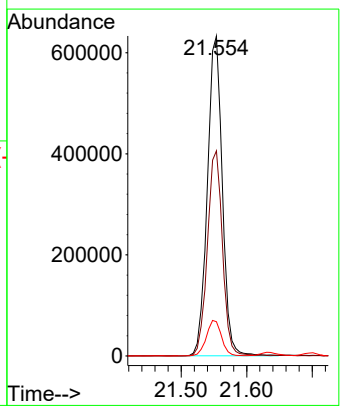
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

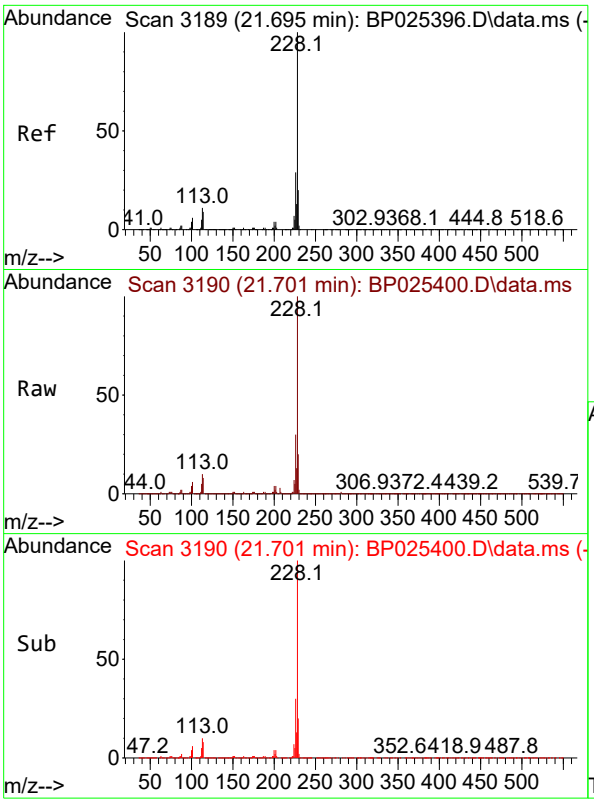


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 1002597

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	10.7	9.1	13.7

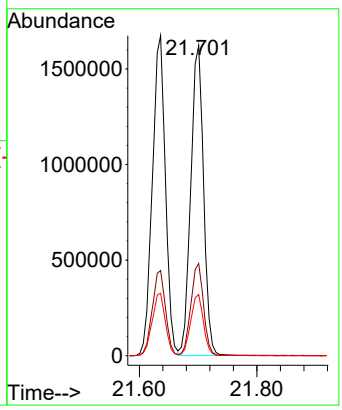




#83
Chrysene
Concen: 37.353 ng
RT: 21.701 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:228 Resp: 244619

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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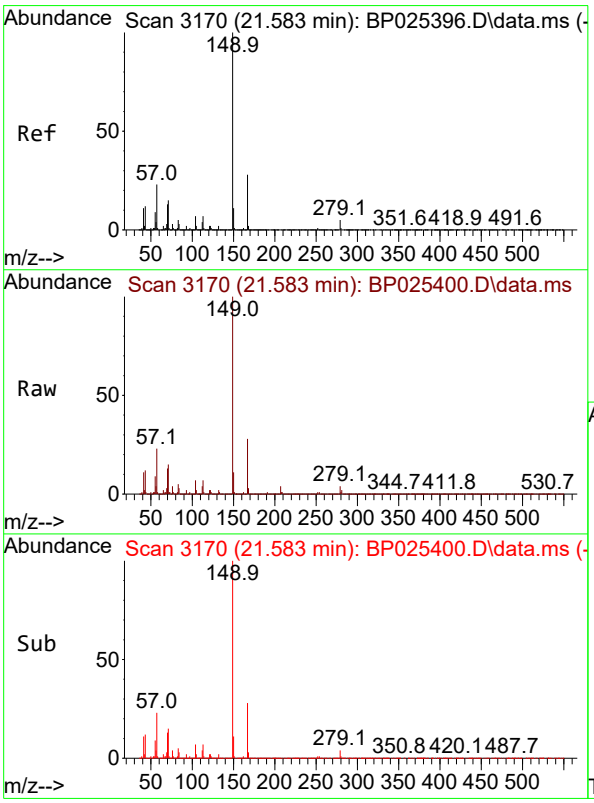
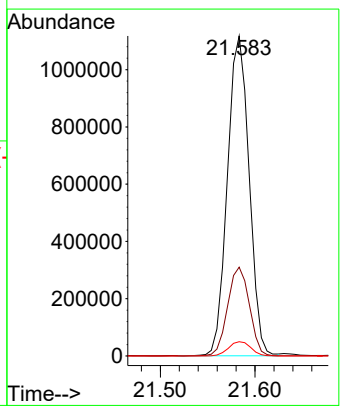
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

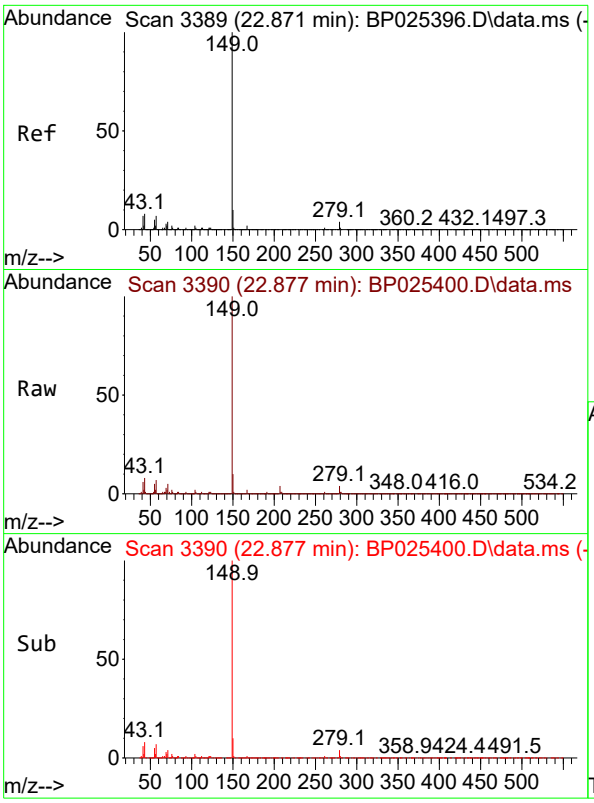


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.729 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1780746

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.5	3.8	5.6

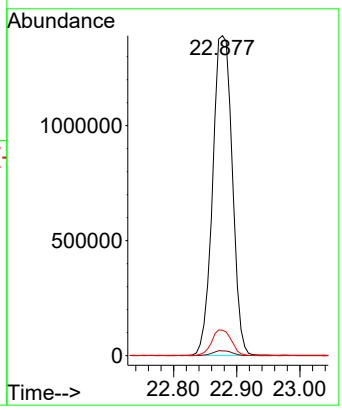




#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 299852

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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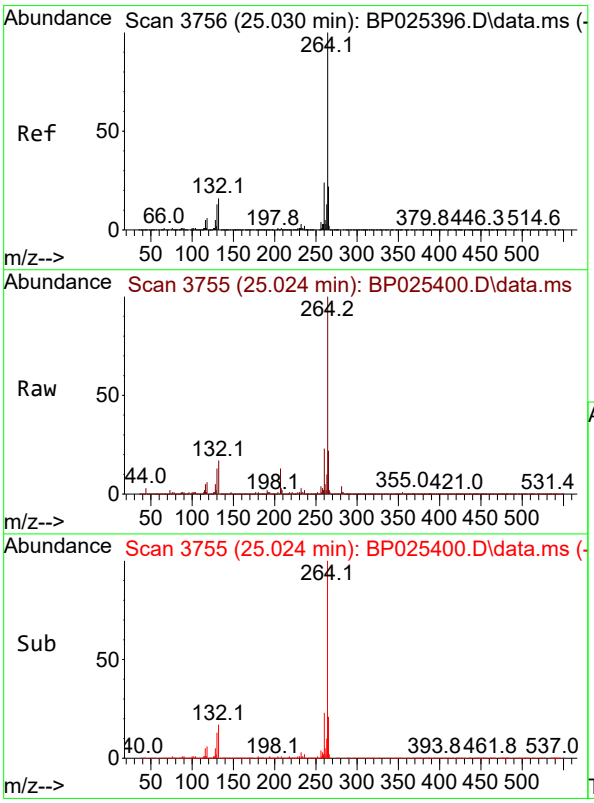
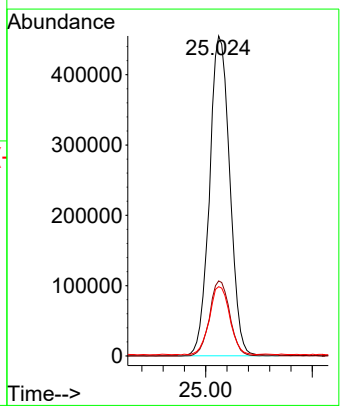
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

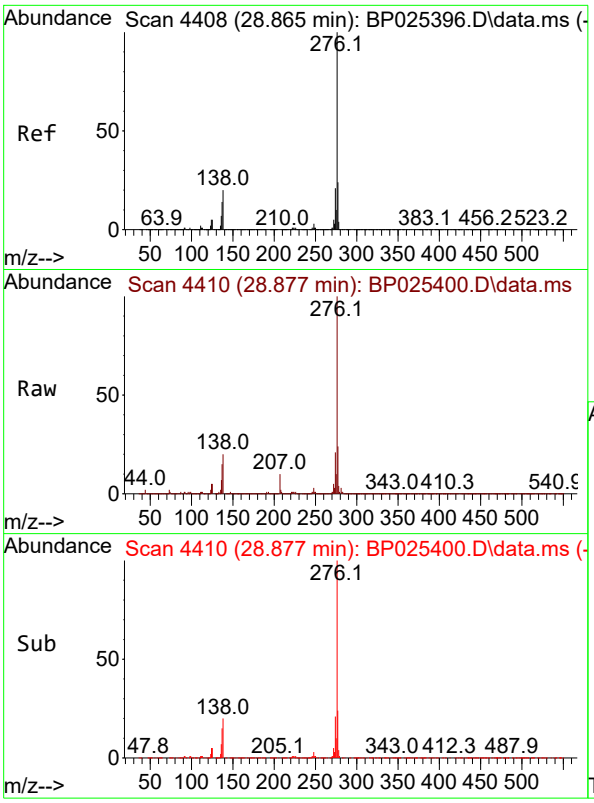


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:264 Resp: 1200519

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.4	26.0

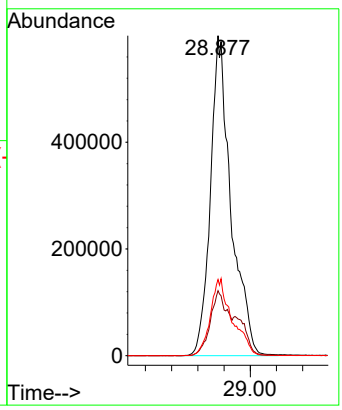




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 326796

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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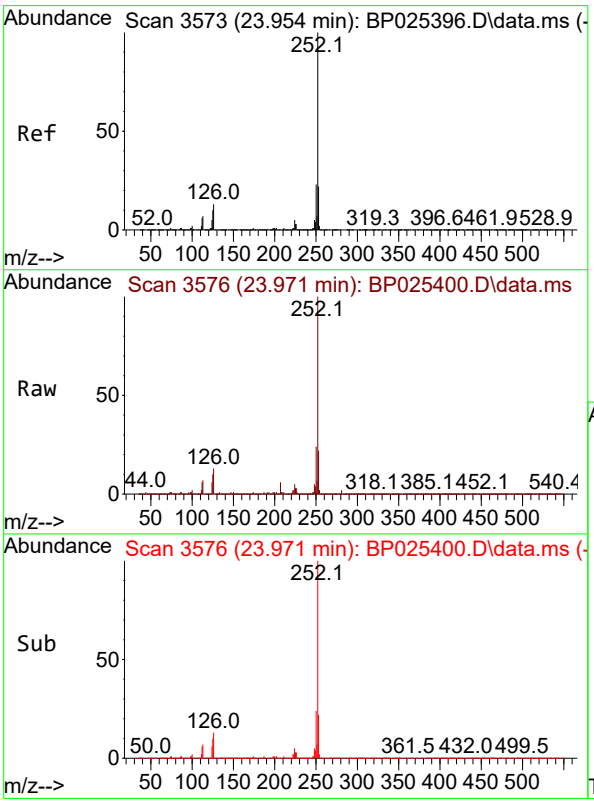
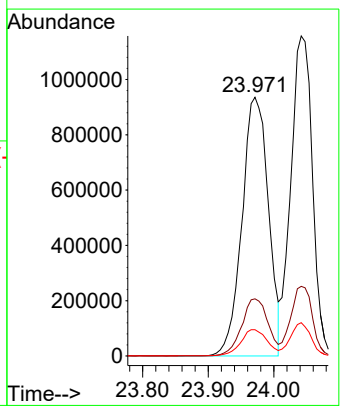
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

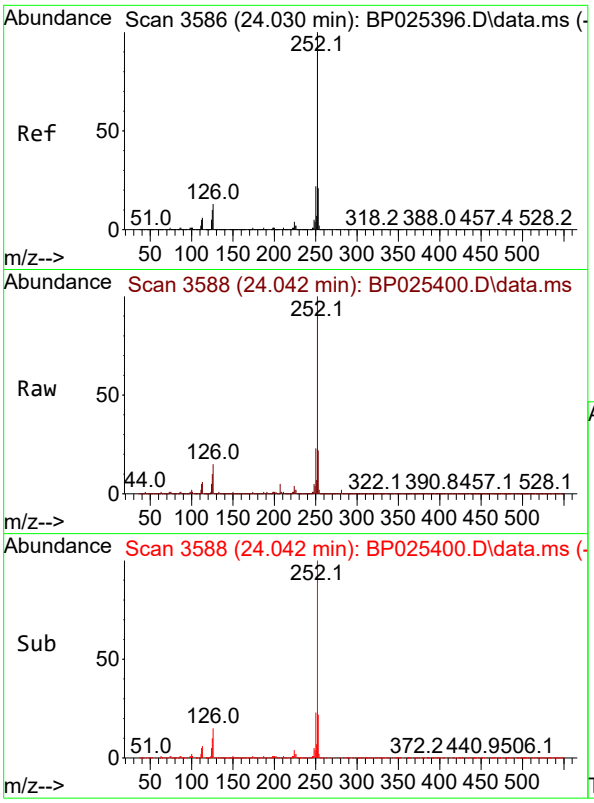


#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2616701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	7.9	11.9

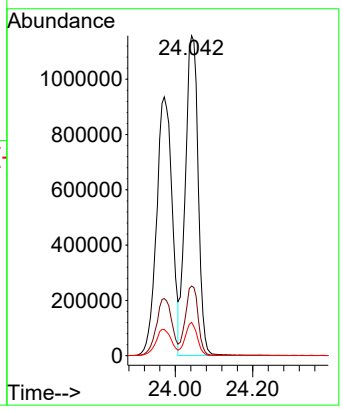




#89
Benzo(k)fluoranthene
Concen: 37.464 ng
RT: 24.042 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 265390

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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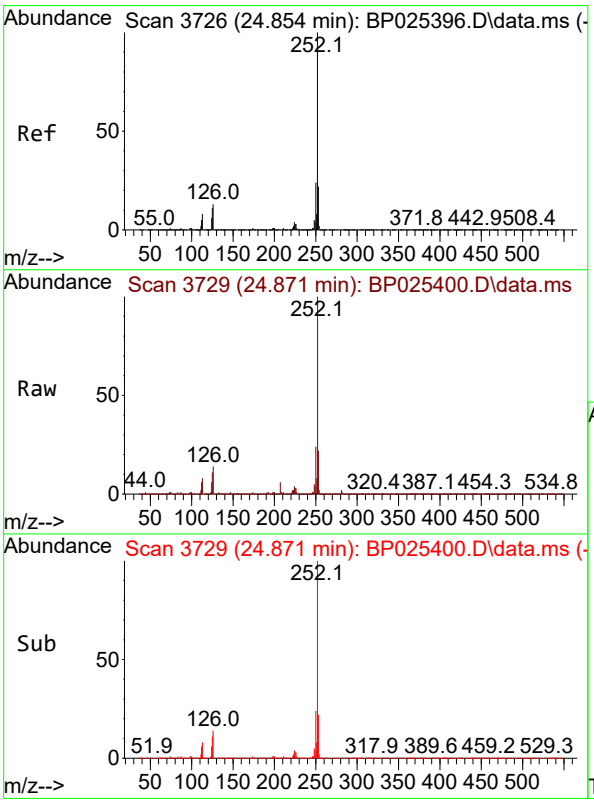
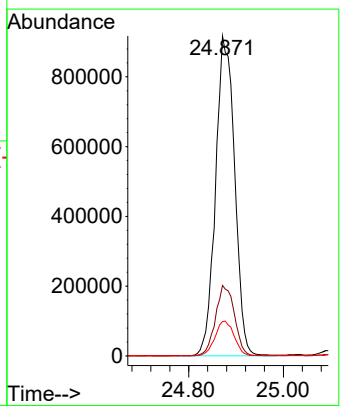
Supervised By :Jagrut Upadhyay 08/15/2025

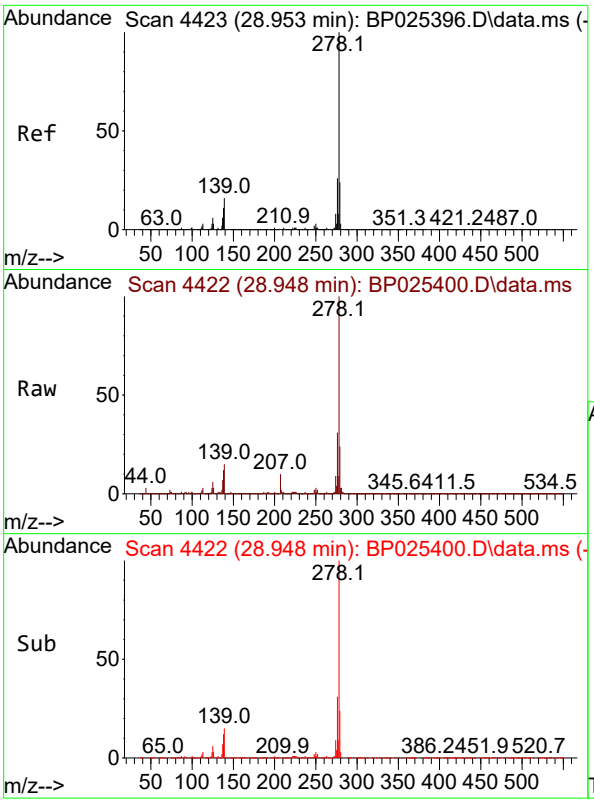


#90
Benzo(a)pyrene
Concen: 37.160 ng
RT: 24.871 min Scan# 3729
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:252 Resp: 2560692

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.7	8.7	13.1

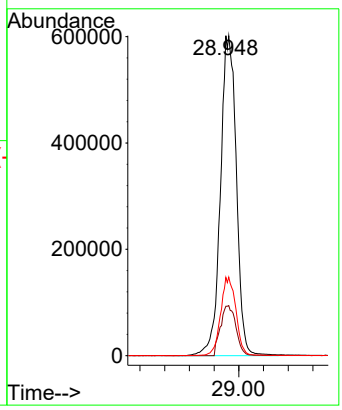




#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:278 Resp: 269733(

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.4	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
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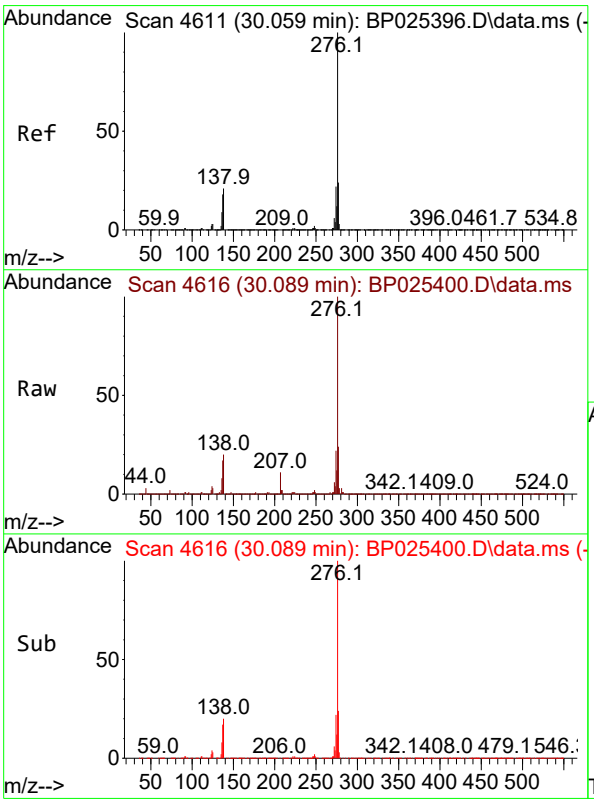
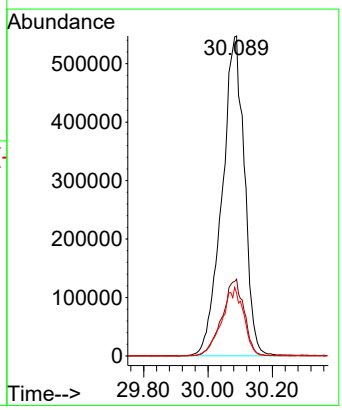


#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:276 Resp: 2632085

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	19.6	16.7	25.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2		1,4-Dioxane	0.472	0.399	15.5	99	0.00
3		Pyridine	1.291	1.159	10.2	105	0.00
4		n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5	S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6		Aniline	2.080	1.984	4.6	108	0.00
7	S	Phenol-d6	1.544	1.383	10.4	101	0.00
8		2-Chlorophenol	1.359	1.308	3.8	110	0.00
9		Benzaldehyde	1.082	0.923	14.7	75	0.00
10	C	Phenol	1.620	1.555	4.0	109	0.00
11		bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12		1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13	C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14		1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15		Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17		2-Methylphenol	1.125	1.094	2.8	109	0.00
18		Hexachloroethane	0.563	0.536	4.8	109	0.00
19	P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20		3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.502	0.479	4.6	112	0.00
23	S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24		Nitrobenzene	0.353	0.330	6.5	108	0.00
25		Isophorone	0.700	0.662	5.4	111	0.00
26	C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27		2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29	C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30		1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31		Naphthalene	1.040	0.973	6.4	110	0.00
32		Benzoic acid	0.230	0.220	4.3	110	0.01
33		4-Chloroaniline	0.459	0.437	4.8	109	0.00
34	C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35		Caprolactam	0.114	0.109	4.4	112	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37		2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38		1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42	S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44		2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45	S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46		1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47		2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	0.329	0.322	2.1	111	0.00
49		Acenaphthylene	1.871	1.764	5.7	111	0.00
50		Dimethylphthalate	1.465	1.398	4.6	114	0.00
51		2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52	C	Acenaphthene	1.098	1.011	7.9	111	0.00
53		3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54	P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55		Dibenzofuran	1.736	1.620	6.7	110	0.00
56	P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57		2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58		Fluorene	1.370	1.267	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60		Diethylphthalate	1.488	1.407	5.4	112	0.00
61		4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.227	3.7	113	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67		4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68		Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69		Atrazine	0.228	0.217	4.8	116	0.00
70	C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71		Phenanthrene	1.099	1.001	8.9	113	0.01
72		Anthracene	1.122	1.054	6.1	114	0.00
73		Carbazole	1.057	0.981	7.2	114	0.00
74		Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75	C	Fluoranthene	1.311	1.228	6.3	117	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.683	0.721	-5.6	88	0.00
78		Pyrene	1.300	1.216	6.5	113	0.01
79	S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80		Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81		Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82		3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83		Chrysene	1.235	1.153	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85	c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86	I	Perylene-d12	1.000	1.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88		Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89		Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90	C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91		Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92		Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
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Instrument :
BNA_P
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Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2		1,4-Dioxane	40.000	33.792	15.5	99	0.00
3		Pyridine	40.000	35.901	10.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5	S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6		Aniline	40.000	38.147	4.6	108	0.00
7	S	Phenol-d6	80.000	71.663	10.4	101	0.00
8		2-Chlorophenol	40.000	38.501	3.7	110	0.00
9		Benzaldehyde	40.000	34.142	14.6	75	0.00
10	C	Phenol	40.000	38.388	4.0	109	0.00
11		bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12		1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13	C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14		1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15		Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17		2-Methylphenol	40.000	38.877	2.8	109	0.00
18		Hexachloroethane	40.000	38.103	4.7	109	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20		3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	38.216	4.5	112	0.00
23	S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24		Nitrobenzene	40.000	37.313	6.7	108	0.00
25		Isophorone	40.000	37.855	5.4	111	0.00
26	C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27		2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29	C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30		1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31		Naphthalene	40.000	37.431	6.4	110	0.00
32		Benzoic acid	40.000	38.242	4.4	110	0.01
33		4-Chloroaniline	40.000	38.043	4.9	109	0.00
34	C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35		Caprolactam	40.000	38.310	4.2	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37		2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38		1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42	S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44		2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46		1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47		2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	39.081	2.3	111	0.00
49		Acenaphthylene	40.000	37.720	5.7	111	0.00
50		Dimethylphthalate	40.000	38.170	4.6	114	0.00
51		2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52	C	Acenaphthene	40.000	36.837	7.9	111	0.00
53		3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54	P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55		Dibenzofuran	40.000	37.324	6.7	110	0.00
56	P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57		2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58		Fluorene	40.000	36.992	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60		Diethylphthalate	40.000	37.810	5.5	112	0.00
61		4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62		4-Nitroaniline	40.000	38.717	3.2	112	0.00
63		Azobenzene	40.000	38.526	3.7	113	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67		4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68		Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69		Atrazine	40.000	38.057	4.9	116	0.00
70	C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71		Phenanthrene	40.000	36.445	8.9	113	0.01
72		Anthracene	40.000	37.563	6.1	114	0.00
73		Carbazole	40.000	37.116	7.2	114	0.00
74		Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75	C	Fluoranthene	40.000	37.481	6.3	117	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77		Benzidine	40.000	42.271	-5.7	88	0.00
78		Pyrene	40.000	37.404	6.5	113	0.01
79	S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80		Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81		Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82		3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83		Chrysene	40.000	37.353	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85	c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86	I	Perylene-d12	20.000	20.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88		Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89		Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90	C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91		Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92		Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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: **BG064240.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: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date/Time: 09/02/2025 11:10

Lab File ID: BG064240.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.180		5.8	
Benzaldehyde	1.260	1.352		7.3	
Phenol-d6	1.532	1.622		5.9	
Phenol	1.689	1.767		4.7	20.0
bis(2-Chloroethyl)ether	1.269	1.308		3.1	
2-Chlorophenol	1.362	1.390		2.1	
2-Methylphenol	1.258	1.236		-1.7	
2,2-oxybis(1-Chloropropane)	2.897	2.888		-0.3	
Acetophenone	0.506	0.513		1.4	
3+4-Methylphenols	1.749	1.690		-3.4	
n-Nitroso-di-n-propylamine	1.172	1.137	0.050	-3.0	
Nitrobenzene-d5	0.359	0.378		5.3	
Hexachloroethane	0.571	0.585		2.5	
Nitrobenzene	0.375	0.388		3.5	
Isophorone	0.745	0.720		-3.4	
2-Nitrophenol	0.162	0.171		5.6	20.0
2,4-Dimethylphenol	0.284	0.293		3.2	
bis(2-Chloroethoxy)methane	0.402	0.411		2.2	
2,4-Dichlorophenol	0.300	0.307		2.3	20.0
Naphthalene	1.037	1.036		-0.1	
4-Chloroaniline	0.402	0.397		-1.2	
Hexachlorobutadiene	0.234	0.224		-4.3	20.0
Caprolactam	0.116	0.100		-13.8	
4-Chloro-3-methylphenol	0.389	0.372		-4.4	20.0
2-Methylnaphthalene	0.771	0.760		-1.4	
Hexachlorocyclopentadiene	0.274	0.309	0.050	12.8	
2,4,6-Trichlorophenol	0.386	0.406		5.2	20.0
2-Fluorobiphenyl	1.310	1.342		2.4	
2,4,5-Trichlorophenol	0.418	0.425		1.7	
1,1-Biphenyl	1.457	1.512		3.8	
2-Chloronaphthalene	1.095	1.124		2.6	
2-Nitroaniline	0.373	0.415		11.3	
Dimethylphthalate	1.514	1.444		-4.6	
Acenaphthylene	1.619	1.649		1.9	
2,6-Dinitrotoluene	0.293	0.296		1.0	
3-Nitroaniline	0.307	0.313		2.0	
Acenaphthene	1.142	1.161		1.7	20.0
2,4-Dinitrophenol	0.163	0.173	0.050	6.1	
4-Nitrophenol	0.252	0.246	0.050	-2.4	

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: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date/Time: 09/02/2025 11:10

Lab File ID: BG064240.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.797	1.767		-1.7	
2,4-Dinitrotoluene	0.443	0.453		2.3	
Diethylphthalate	1.620	1.490		-8.0	
4-Chlorophenyl-phenylether	0.734	0.706		-3.8	
Fluorene	1.473	1.425		-3.3	
4-Nitroaniline	0.313	0.318		1.6	
4,6-Dinitro-2-methylphenol	0.115	0.126		9.6	
n-Nitrosodiphenylamine	0.550	0.573		4.2	20.0
2,4,6-Tribromophenol	0.265	0.256		-3.4	
4-Bromophenyl-phenylether	0.212	0.221		4.2	
Hexachlorobenzene	0.236	0.236		0.0	
Atrazine	0.230	0.223		-3.0	
Pentachlorophenol	0.143	0.151		5.6	20.0
Phenanthrene	1.055	1.053		-0.2	
Anthracene	1.073	1.090		1.6	
Carbazole	0.945	0.950		0.5	
Di-n-butylphthalate	1.136	1.142		0.5	
Fluoranthene	1.240	1.186		-4.4	20.0
Pyrene	1.260	1.300		3.2	
Terphenyl-d14	0.959	0.983		2.5	
Butylbenzylphthalate	0.475	0.526		10.7	
3,3-Dichlorobenzidine	0.417	0.427		2.4	
Benzo(a)anthracene	1.280	1.307		2.1	
Chrysene	1.228	1.253		2.0	
Bis(2-ethylhexyl)phthalate	0.714	0.778		9.0	
Di-n-octyl phthalate	1.243	1.350		8.6	20.0
Benzo(b)fluoranthene	1.129	1.161		2.8	
Benzo(k)fluoranthene	1.150	1.201		4.4	
Benzo(a)pyrene	1.050	1.099		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.366	1.392		1.9	
Dibenzo(a,h)anthracene	1.097	1.140		3.9	
Benzo(g,h,i)perylene	1.067	1.087		1.9	
1,2,4,5-Tetrachlorobenzene	0.577	0.602		4.3	
1,4-Dioxane	0.465	0.501		7.7	20.0
2,3,4,6-Tetrachlorophenol	0.402	0.396		-1.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.853	152	45444	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	201380	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	132047	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	283321	20.000	ng		0.00
76) Chrysene-d12	21.449	240	271531	20.000	ng	#	0.00
86) Perylene-d12	24.458	264	295154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	214552	84.703	ng		0.00
7) Phenol-d6	7.025	99	294841	84.727	ng		0.00
23) Nitrobenzene-d5	9.011	82	304169	84.237	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	134961	77.164	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	708935	81.947	ng		0.00
79) Terphenyl-d14	19.839	244	1067377	82.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	45512	43.108	ng		88
3) Pyridine	3.752	79	128680	41.406	ng	#	57
4) n-Nitrosodimethylamine	3.670	42	80646	39.232	ng	#	80
6) Aniline	7.184	93	194264	40.369	ng		98
8) 2-Chlorophenol	7.419	128	126370	40.827	ng		95
9) Benzaldehyde	6.996	77	122863	42.902	ng		96
10) Phenol	7.048	94	160555	41.848	ng		99
11) bis(2-Chloroethyl)ether	7.278	93	118896	41.240	ng		95
12) 1,3-Dichlorobenzene	7.748	146	131839	40.038	ng		95
13) 1,4-Dichlorobenzene	7.889	146	136164	40.973	ng		97
14) 1,2-Dichlorobenzene	8.206	146	132029	41.164	ng		94
15) Benzyl Alcohol	8.088	79	123559	38.476	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.376	45	262506	39.881	ng		98
17) 2-Methylphenol	8.294	107	112350	39.292	ng		97
18) Hexachloroethane	8.935	117	53145	40.968	ng		94
19) n-Nitroso-di-n-propyla...	8.658	70	103352	38.806	ng		99
20) 3+4-Methylphenols	8.623	107	153627	38.667	ng		96
22) Acetophenone	8.670	105	206709	40.573	ng		97
24) Nitrobenzene	9.052	77	156373	41.449	ng		100
25) Isophorone	9.575	82	289881	38.627	ng	#	97
26) 2-Nitrophenol	9.757	139	68799	42.204	ng		89
27) 2,4-Dimethylphenol	9.822	122	118031	41.240	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	165717	40.953	ng		93
29) 2,4-Dichlorophenol	10.292	162	123451	40.880	ng		96
30) 1,2,4-Trichlorobenzene	10.509	180	126861	39.842	ng		98
31) Naphthalene	10.697	128	417200	39.952	ng		98
32) Benzoic acid	9.969	122	90624	39.889	ng		88
33) 4-Chloroaniline	10.797	127	159950	39.519	ng		99
34) Hexachlorobutadiene	10.985	225	90415	38.415	ng		93
35) Caprolactam	11.573	113	40407	34.557	ng	#	86
36) 4-Chloro-3-methylphenol	11.925	107	149890	38.256	ng		96
37) 2-Methylnaphthalene	12.301	142	306138	39.440	ng		97
38) 1-Methylnaphthalene	12.524	142	292923	38.207	ng		99
40) 1,2,4,5-Tetrachloroben...	12.671	216	158860	41.696	ng		99
41) Hexachlorocyclopentadiene	12.660	237	81717	45.129	ng		95
43) 2,4,6-Trichlorophenol	12.912	196	107124	42.067	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

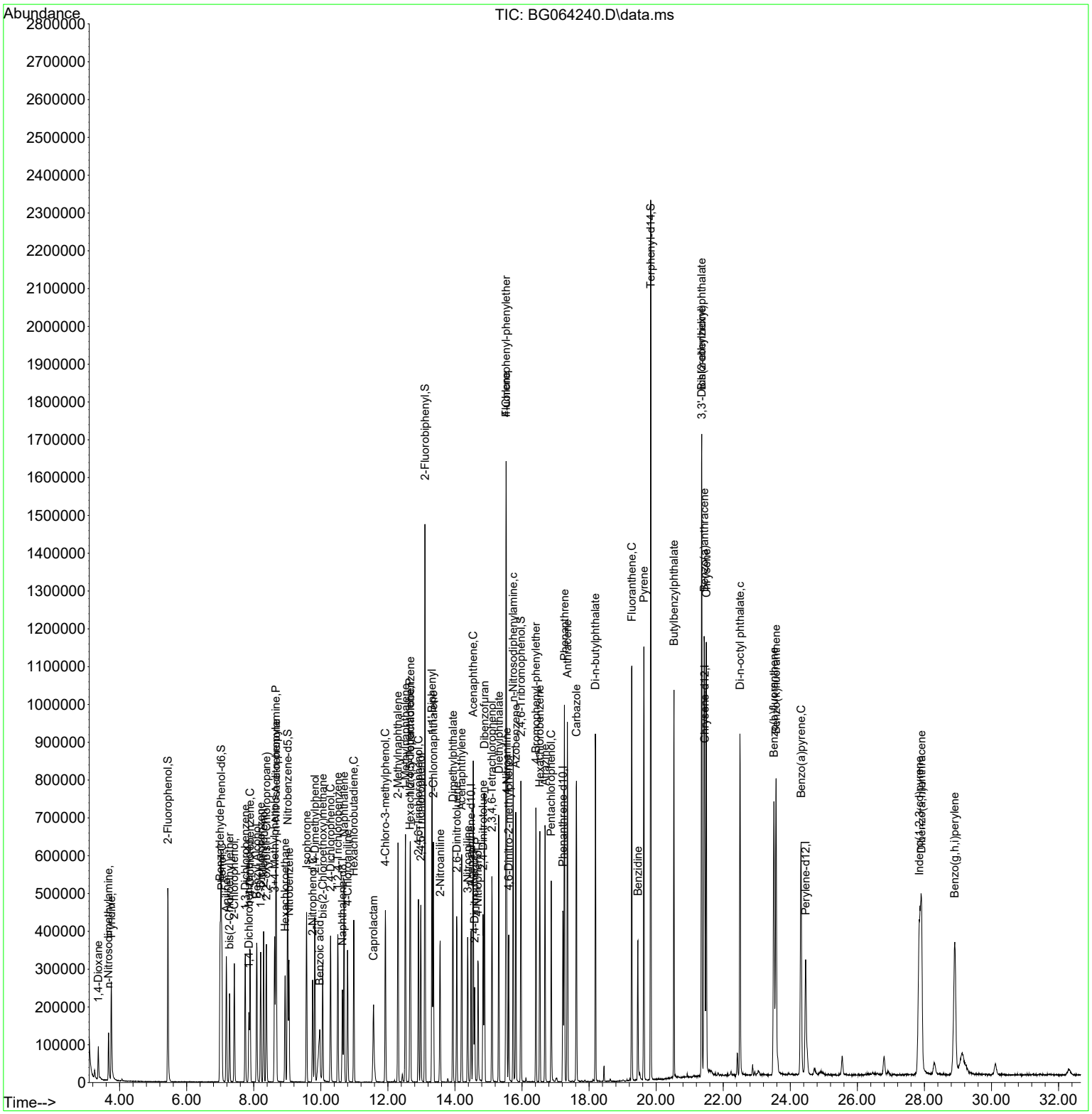
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.983	196	112117	40.587	ng		95
46)	1,1'-Biphenyl	13.318	154	399200	41.507	ng		98
47)	2-Chloronaphthalene	13.359	162	296806	41.050	ng		98
48)	2-Nitroaniline	13.559	65	109593	44.470	ng		98
49)	Acenaphthylene	14.199	152	435375	40.734	ng		98
50)	Dimethylphthalate	13.940	163	381311	38.151	ng		99
51)	2,6-Dinitrotoluene	14.052	165	78226	40.428	ng		99
52)	Acenaphthene	14.546	154	306743	40.667	ng		98
53)	3-Nitroaniline	14.381	138	82599	40.753	ng		87
54)	2,4-Dinitrophenol	14.587	184	45557	39.142	ng		89
55)	Dibenzofuran	14.881	168	466702	39.337	ng		98
56)	4-Nitrophenol	14.687	139	65023	39.109	ng		99
57)	2,4-Dinitrotoluene	14.839	165	119624	40.888	ng		95
58)	Fluorene	15.527	166	376365	38.704	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.104	232	104638	39.384	ng		99
60)	Diethylphthalate	15.309	149	393489	36.786	ng		100
61)	4-Chlorophenyl-phenyle...	15.527	204	186415	38.449	ng		99
62)	4-Nitroaniline	15.544	138	84061	40.644	ng		96
63)	Azobenzene	15.815	77	380928	39.956	ng		99
65)	4,6-Dinitro-2-methylph...	15.603	198	71393	43.890	ng		99
66)	n-Nitrosodiphenylamine	15.738	169	324675	41.658	ng		97
67)	4-Bromophenyl-phenylether	16.414	248	125456	41.691	ng		96
68)	Hexachlorobenzene	16.532	284	133724	40.017	ng		99
69)	Atrazine	16.690	200	126391	38.838	ng		99
70)	Pentachlorophenol	16.872	266	85841	42.365	ng	#	90
71)	Phenanthrene	17.266	178	596786	39.937	ng		98
72)	Anthracene	17.354	178	617516	40.625	ng		99
73)	Carbazole	17.624	167	538567	40.219	ng		98
74)	Di-n-butylphthalate	18.188	149	647298	40.235	ng		99
75)	Fluoranthene	19.275	202	672270	38.261	ng		99
77)	Benzidine	19.457	184	224980	39.387	ng		97
78)	Pyrene	19.634	202	706031	41.272	ng		98
80)	Butylbenzylphthalate	20.533	149	285838	44.301	ng		94
81)	Benzo(a)anthracene	21.432	228	709732	40.856	ng		100
82)	3,3'-Dichlorobenzidine	21.355	252	231965	41.001	ng		98
83)	Chrysene	21.496	228	680551	40.807	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.361	149	422412	43.606	ng		99
85)	Di-n-octyl phthalate	22.501	149	733251	43.442	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.848	276	821481	40.755	ng	#	94
88)	Benzo(b)fluoranthene	23.512	252	685172	41.131	ng		98
89)	Benzo(k)fluoranthene	23.576	252	708838	41.768	ng		98
90)	Benzo(a)pyrene	24.322	252	648483	41.849	ng		99
91)	Dibenzo(a,h)anthracene	27.912	278	672659	41.564	ng		95
92)	Benzo(g,h,i)perylene	28.905	276	641827	40.757	ng		98

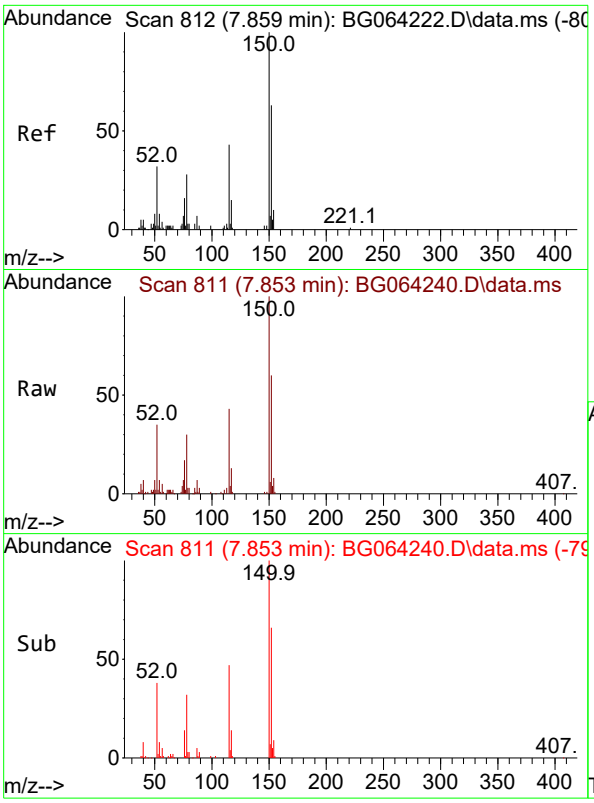
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



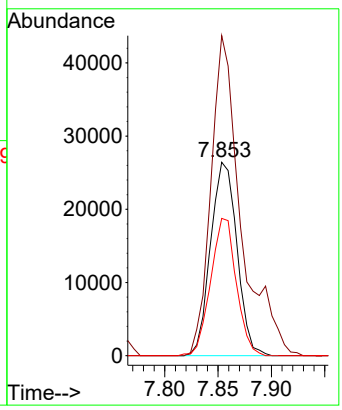


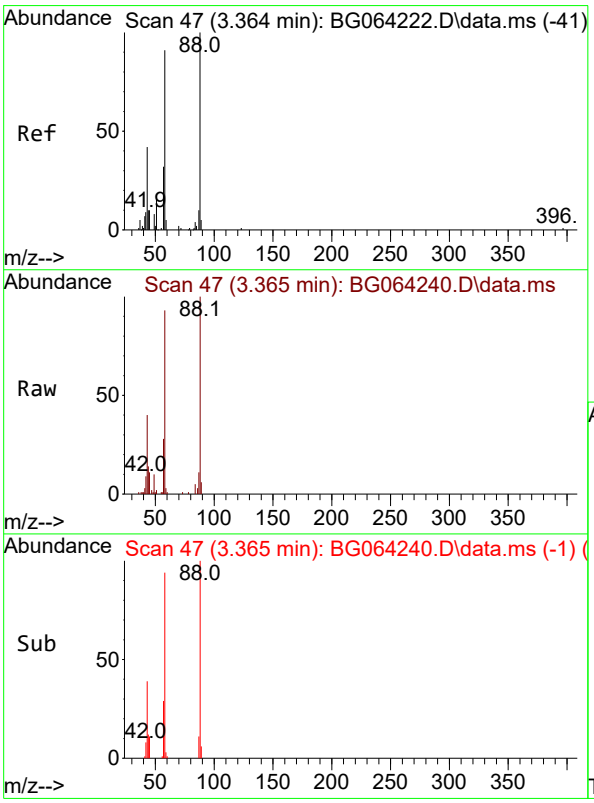
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 45444

Ion	Ratio	Lower	Upper
152	100		
150	165.4	128.0	192.0
115	70.9	55.7	83.5

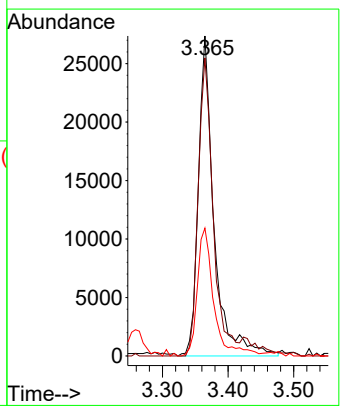


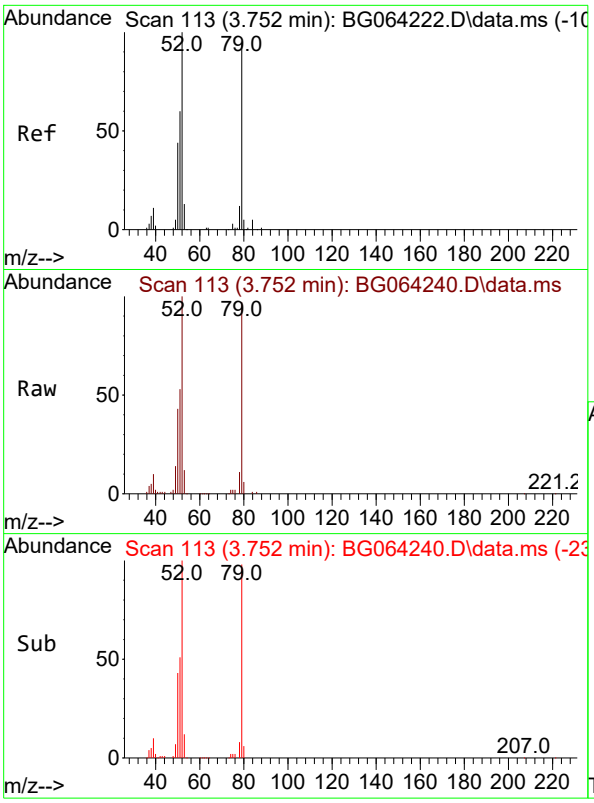


#2
1,4-Dioxane
Concen: 43.108 ng
RT: 3.365 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 88 Resp: 45512

Ion	Ratio	Lower	Upper
88	100		
58	89.1	80.8	121.2
43	42.0	40.3	60.5



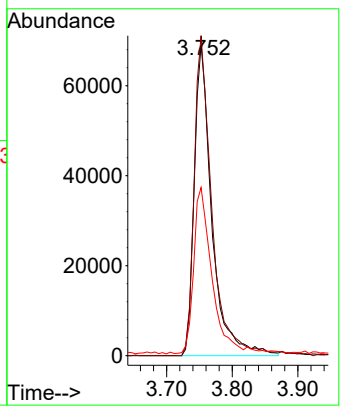


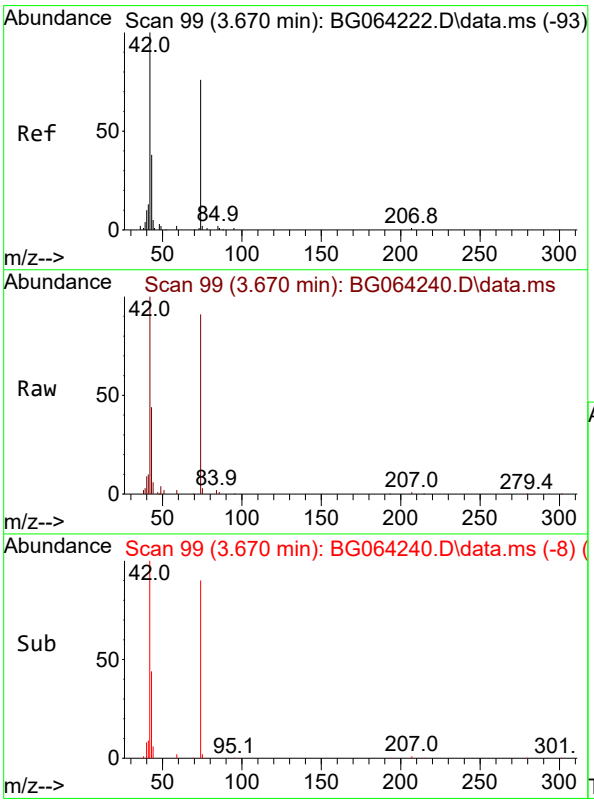
#3
Pyridine
Concen: 41.406 ng
RT: 3.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 128680

Ion	Ratio	Lower	Upper
79	100		
52	102.9	86.6	129.8
51	54.1	114.1	171.1#

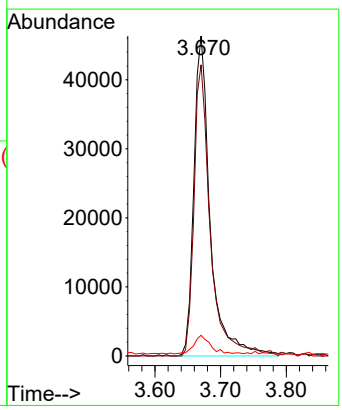


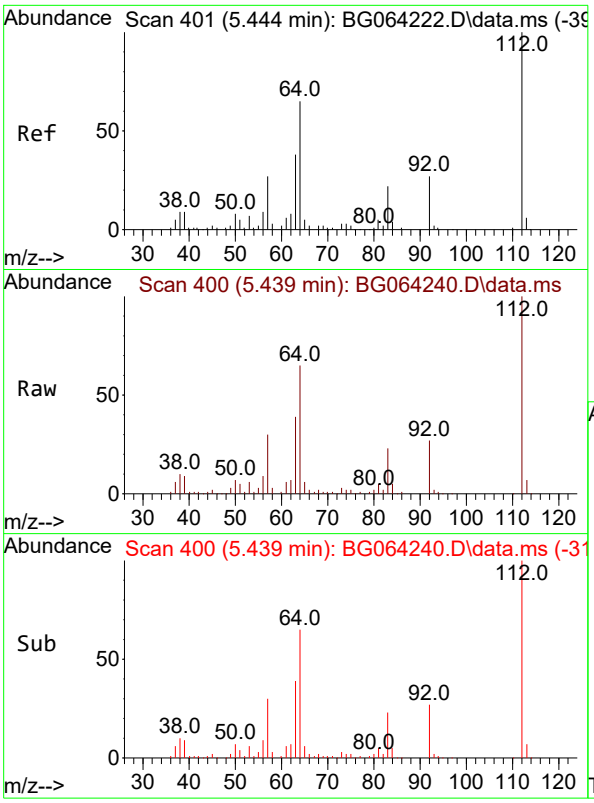


#4
n-Nitrosodimethylamine
Concen: 39.232 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 42 Resp: 80646

Ion	Ratio	Lower	Upper
42	100		
74	91.0	58.0	87.0#
44	6.5	5.5	8.3



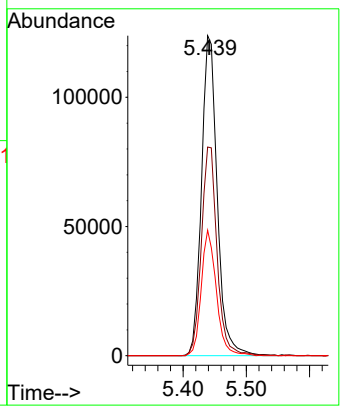


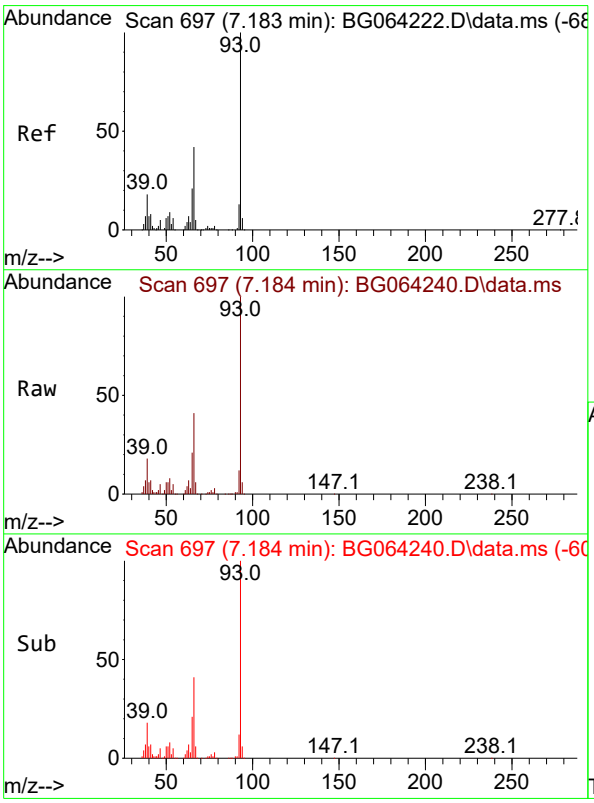
#5
2-Fluorophenol
Concen: 84.703 ng
RT: 5.439 min Scan# 4(
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 214552

Ion	Ratio	Lower	Upper
112	100		
64	65.2	51.8	77.6
63	39.2	30.6	45.8

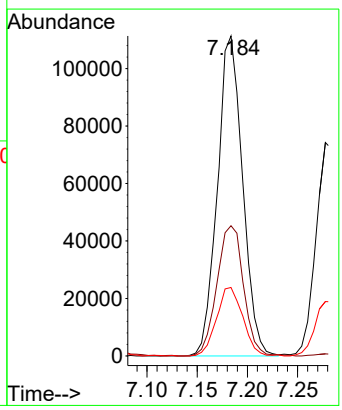


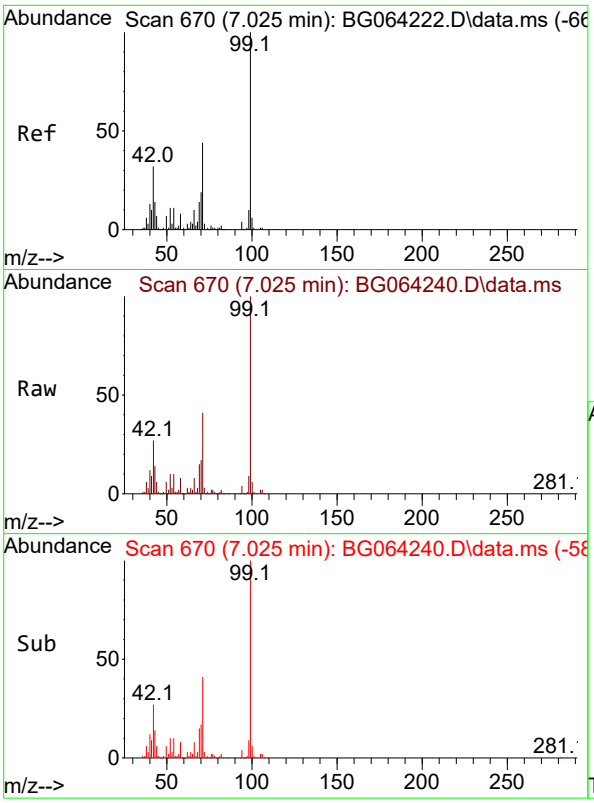


#6
Aniline
Concen: 40.369 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 93 Resp: 194264

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.8	50.8
65	21.4	16.9	25.3



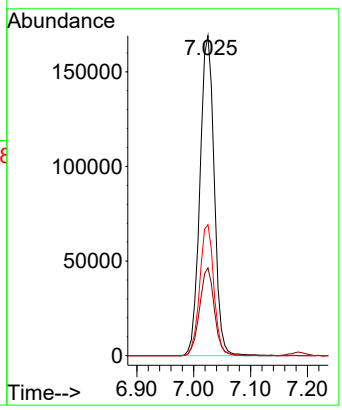


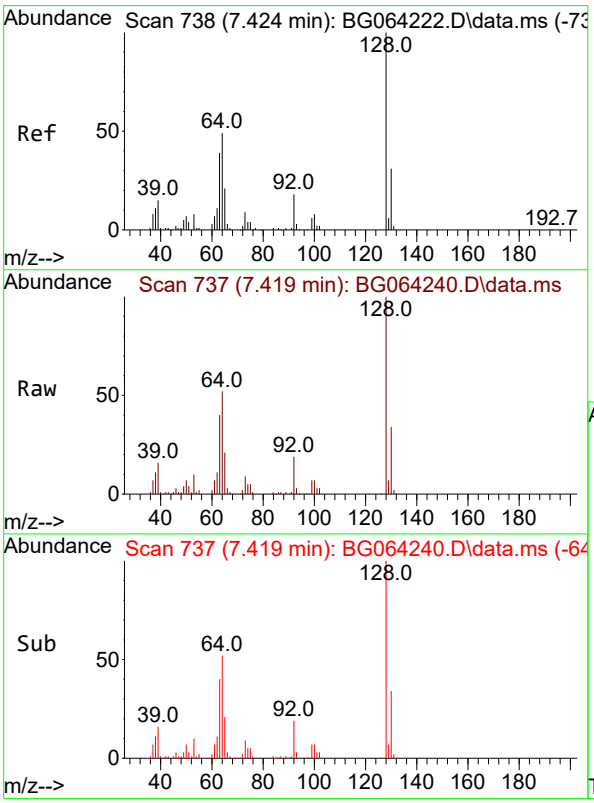
#7
Phenol-d6
Concen: 84.727 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 294841

Ion	Ratio	Lower	Upper
99	100		
42	27.4	25.8	38.8
71	40.9	35.2	52.8

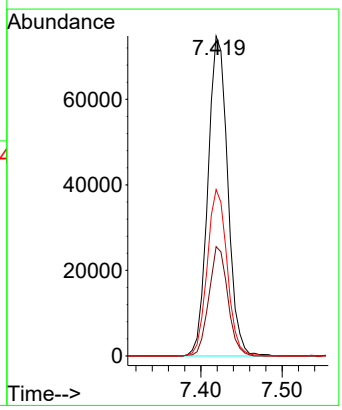


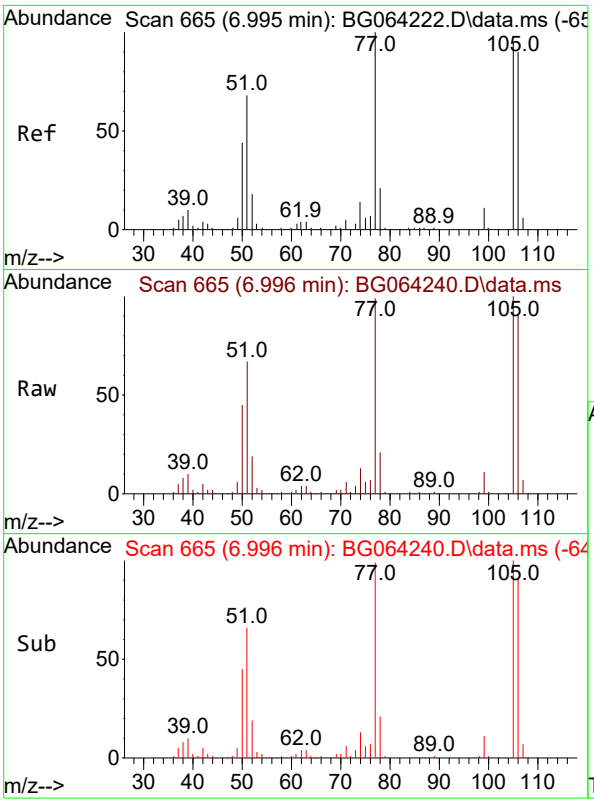


#8
2-Chlorophenol
Concen: 40.827 ng
RT: 7.419 min Scan# 737
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:128 Resp: 126370

Ion	Ratio	Lower	Upper
128	100		
130	34.2	10.9	50.9
64	52.0	28.7	68.7



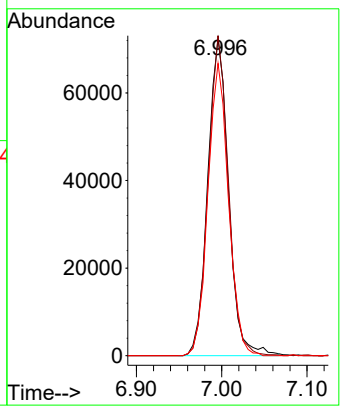


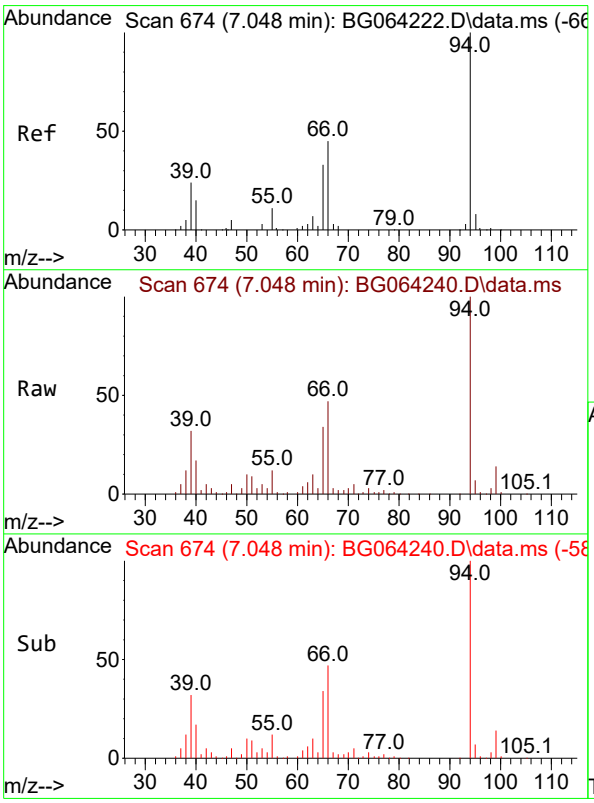
#9
Benzaldehyde
Concen: 42.902 ng
RT: 6.996 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 122863

Ion	Ratio	Lower	Upper
77	100		
105	101.0	75.2	115.2
106	92.3	69.6	109.6

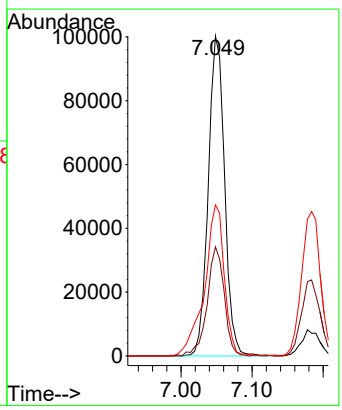


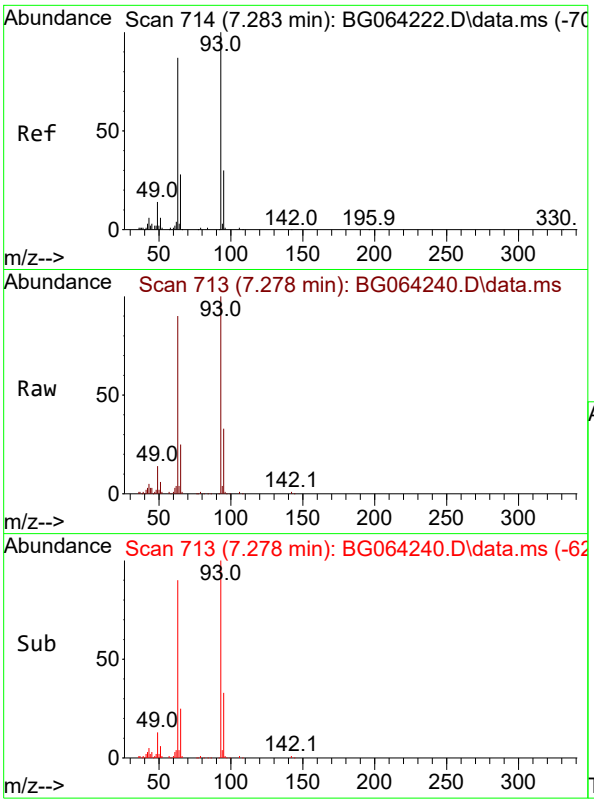


#10
Phenol
Concen: 41.848 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 94 Resp: 160555

Ion	Ratio	Lower	Upper
94	100		
65	34.1	13.5	53.5
66	47.2	26.2	66.2



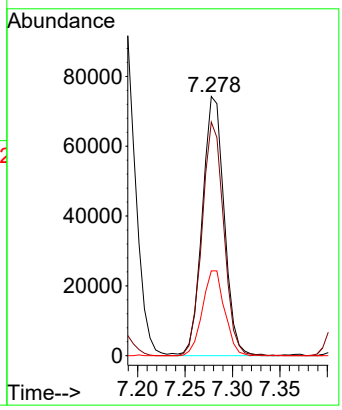


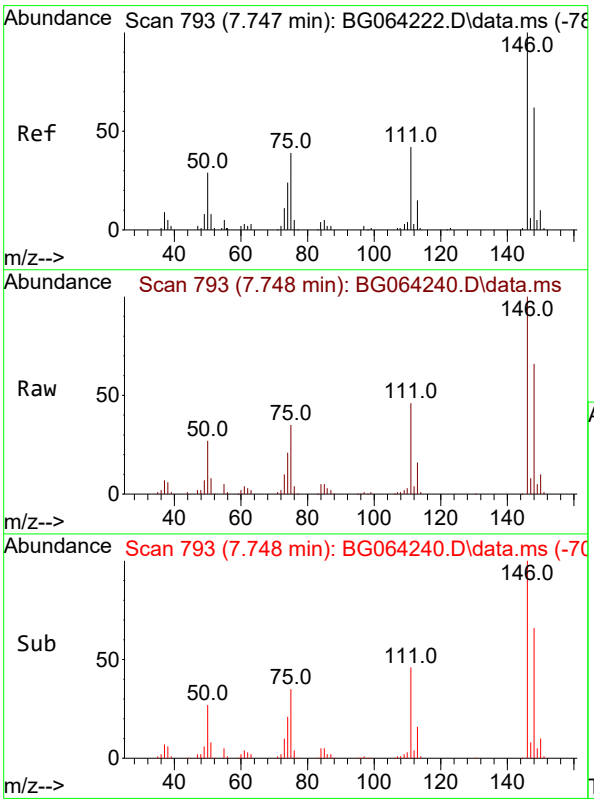
#11
bis(2-Chloroethyl)ether
Concen: 41.240 ng
RT: 7.278 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 118896

Ion	Ratio	Lower	Upper
93	100		
63	90.1	66.2	106.2
95	32.7	9.8	49.8

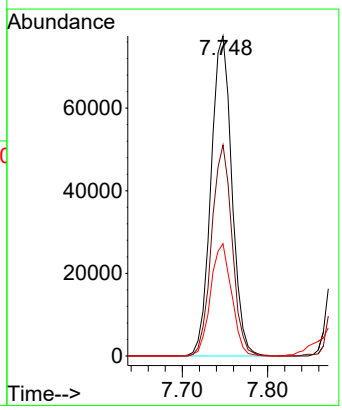


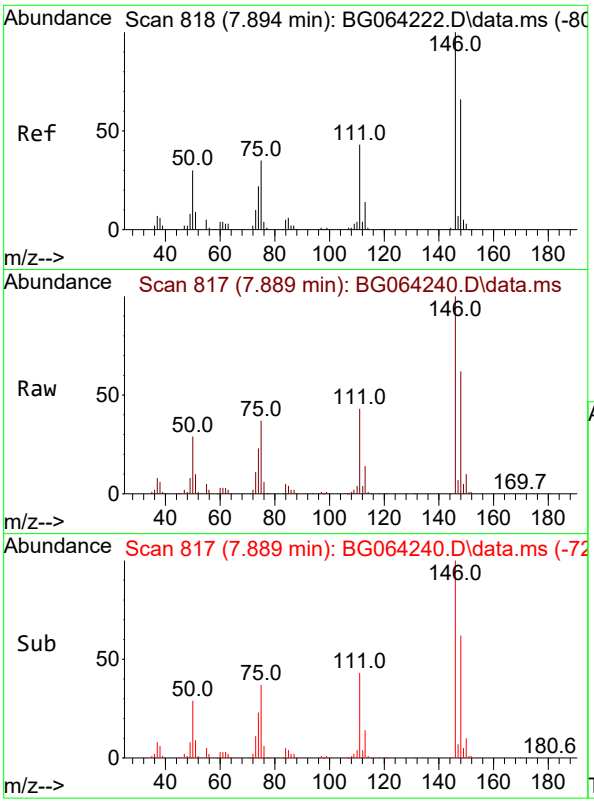


#12
1,3-Dichlorobenzene
Concen: 40.038 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:146 Resp: 131839

Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.6	74.4
75	35.1	31.0	46.6



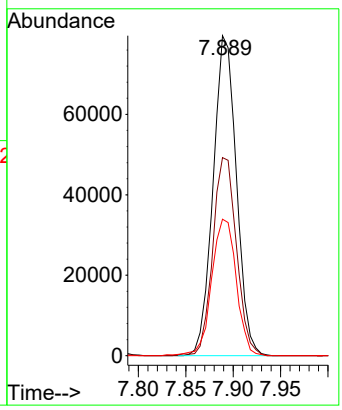


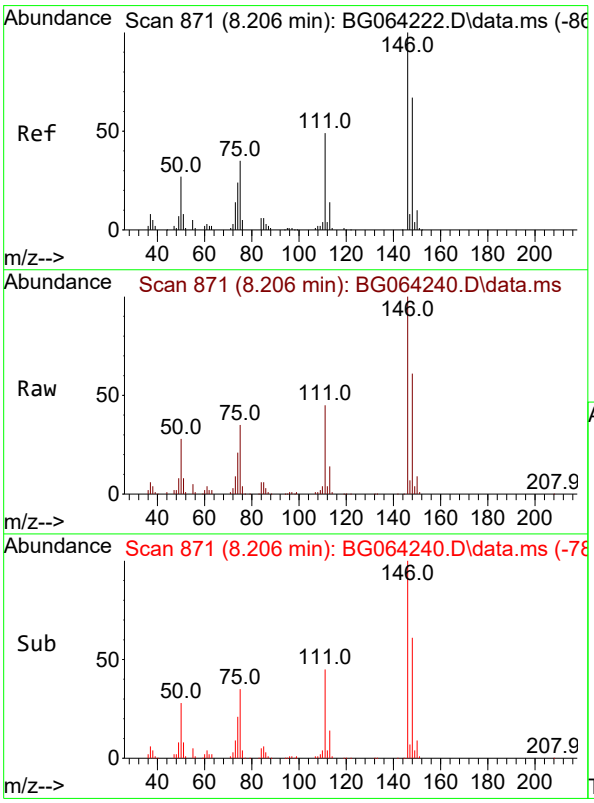
#13
1,4-Dichlorobenzene
Concen: 40.973 ng
RT: 7.889 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 136164

Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.8	79.2
111	42.7	34.1	51.1

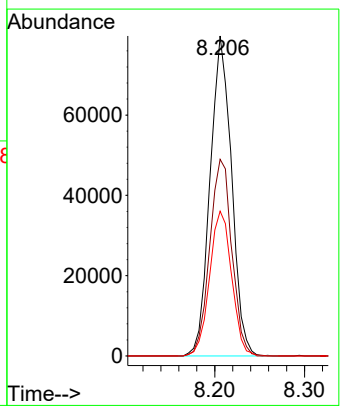


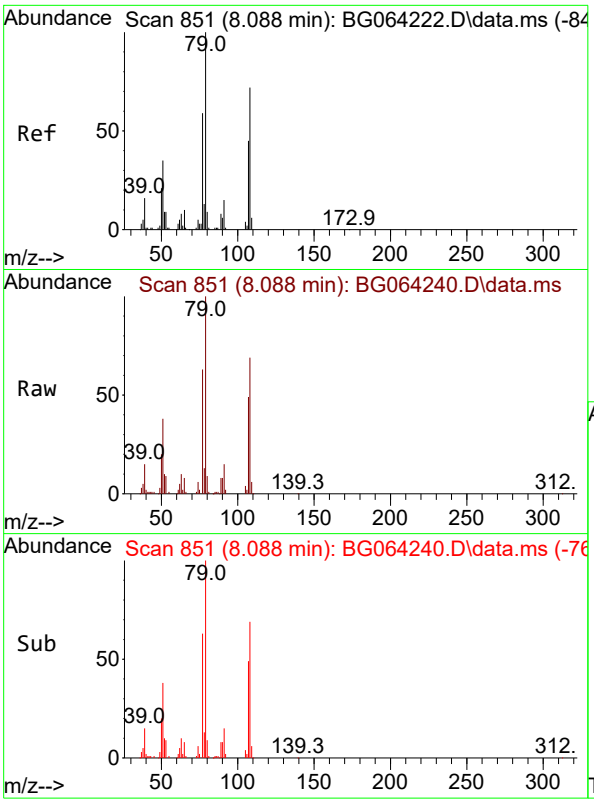


#14
1,2-Dichlorobenzene
Concen: 41.164 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:146 Resp: 132029

Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.4	80.0
111	45.3	39.1	58.7



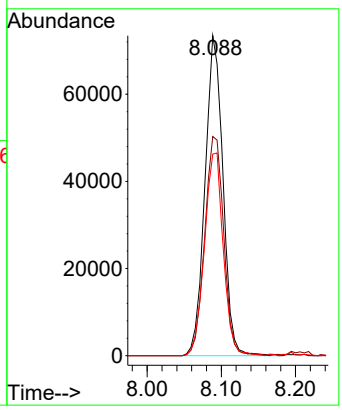


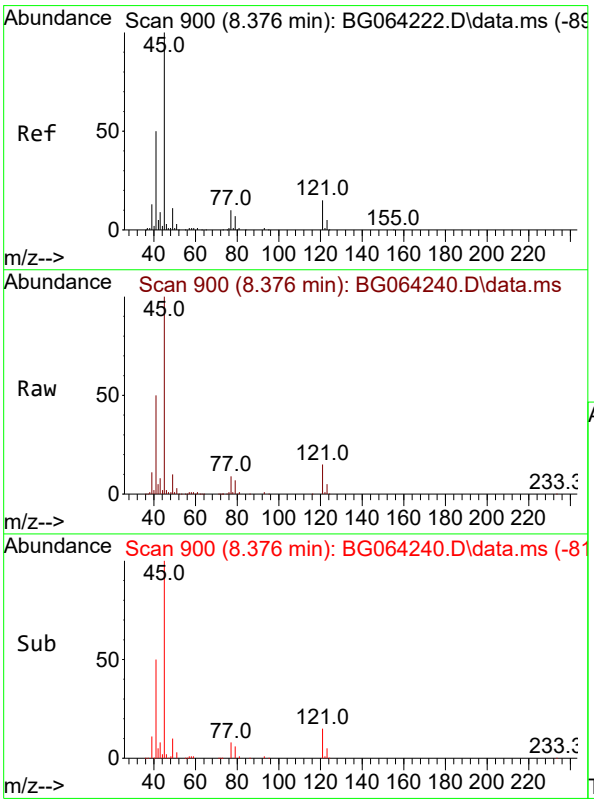
#15
Benzyl Alcohol
Concen: 38.476 ng
RT: 8.088 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 123559

Ion	Ratio	Lower	Upper
79	100		
108	68.5	57.4	86.0
77	63.0	47.2	70.8

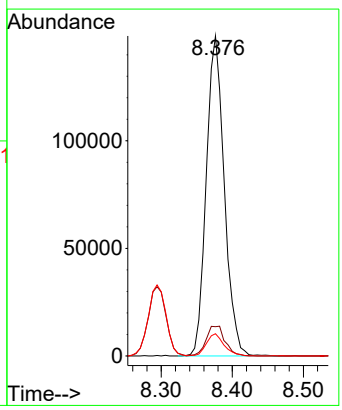


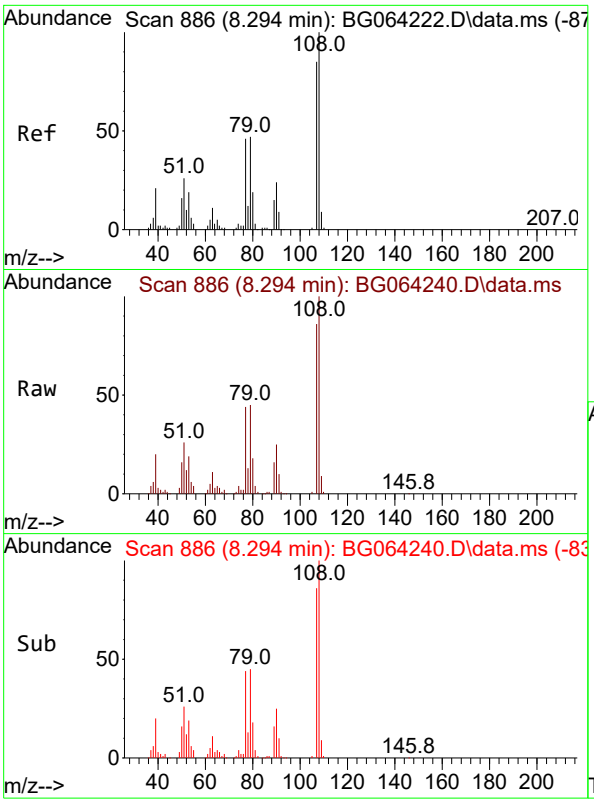


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.881 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 45 Resp: 262506

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	30.0
79	7.0	0.0	27.9



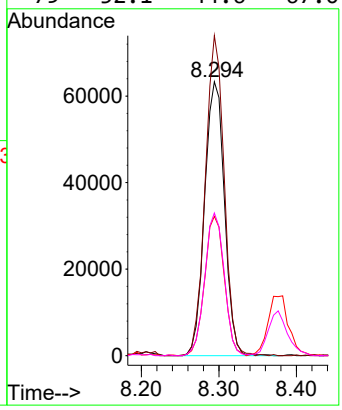


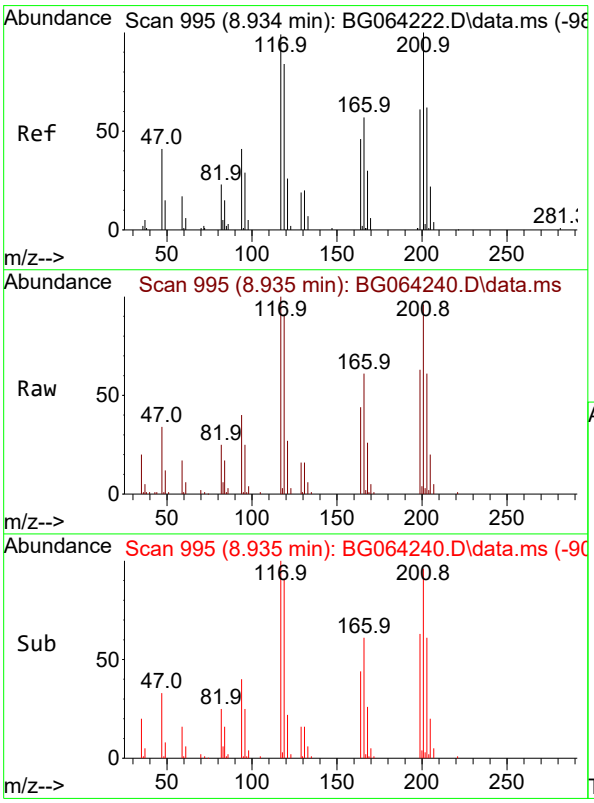
#17
2-Methylphenol
Concen: 39.292 ng
RT: 8.294 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 112350

Ion	Ratio	Lower	Upper
107	100		
108	116.8	94.6	141.8
77	50.9	43.7	65.5
79	52.1	44.6	67.0

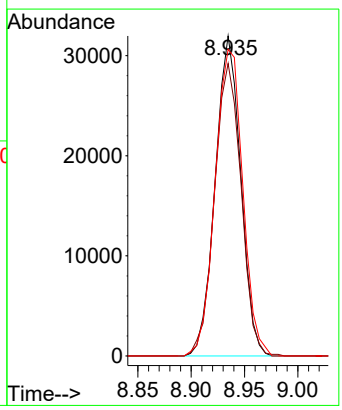


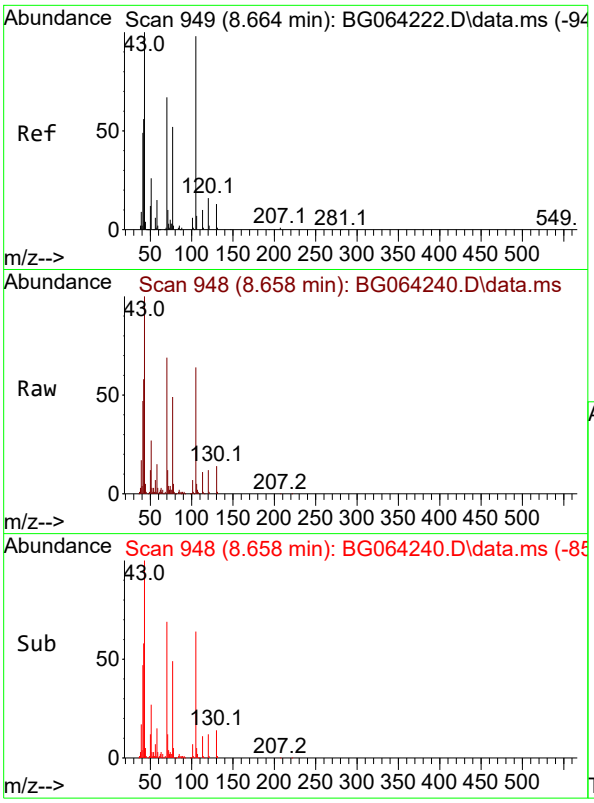


#18
Hexachloroethane
Concen: 40.968 ng
RT: 8.935 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:117 Resp: 53145

Ion	Ratio	Lower	Upper
117	100		
119	91.4	67.9	101.9
201	95.8	80.5	120.7



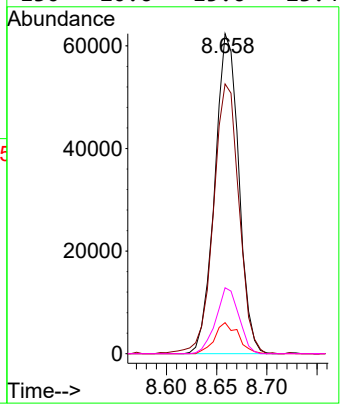


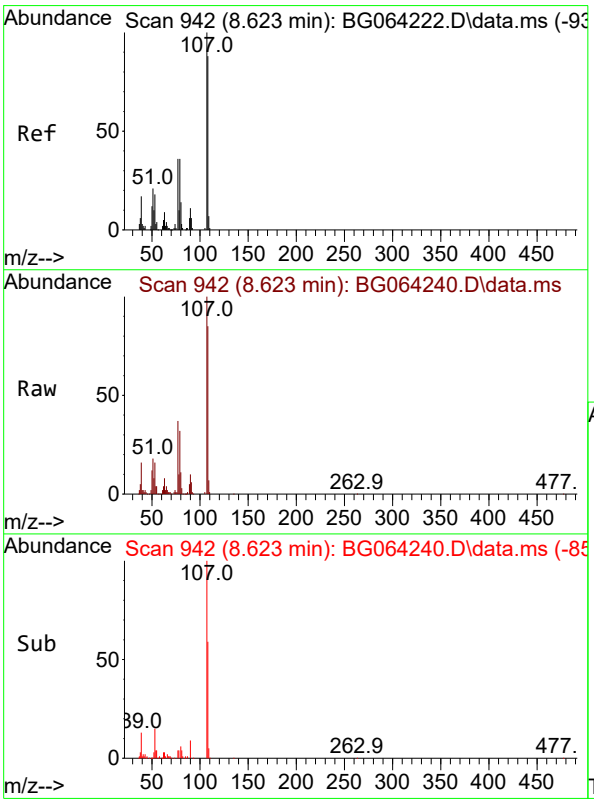
#19
n-Nitroso-di-n-propylamine
Concen: 38.806 ng
RT: 8.658 min Scan# 94
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 103352

Ion	Ratio	Lower	Upper
70	100		
42	84.3	67.9	101.9
101	9.7	7.3	10.9
130	20.6	15.6	23.4

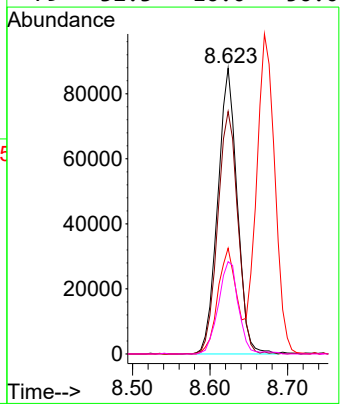


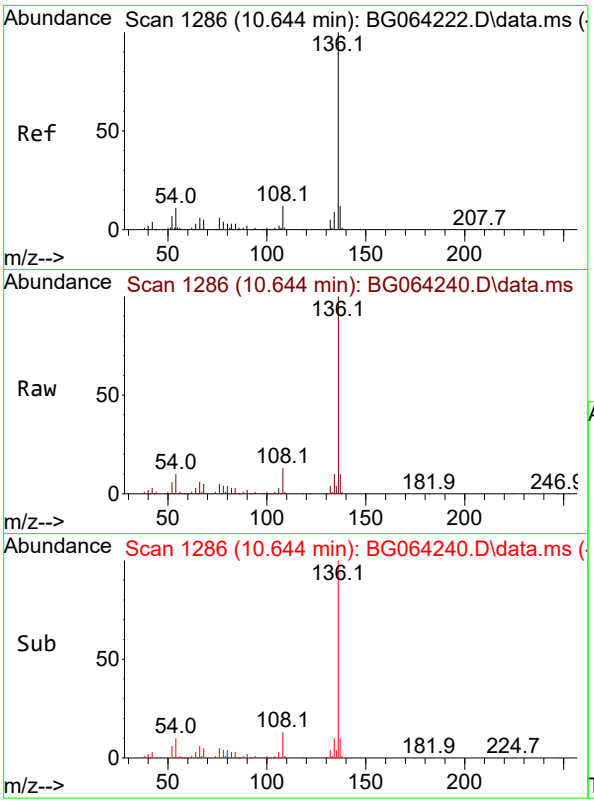


#20
3+4-Methylphenols
Concen: 38.667 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:107 Resp: 153627

Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.1	108.1
77	37.0	15.9	55.9
79	32.3	16.0	56.0



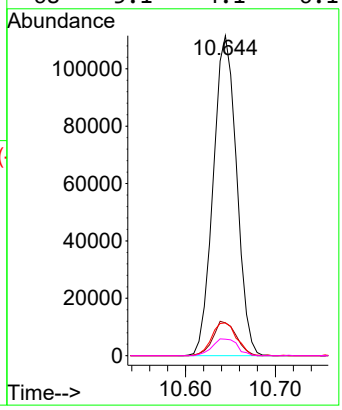


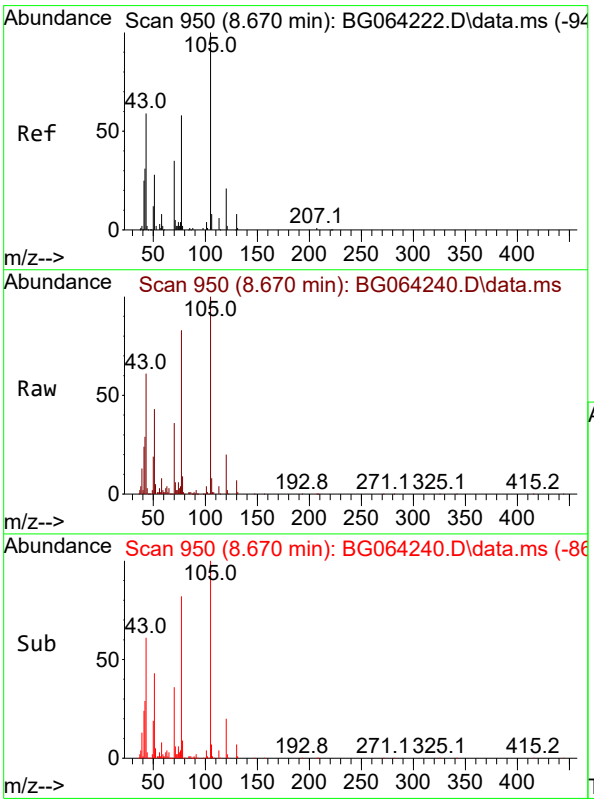
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 201380

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	10.2	8.8	13.2
68	5.1	4.1	6.1

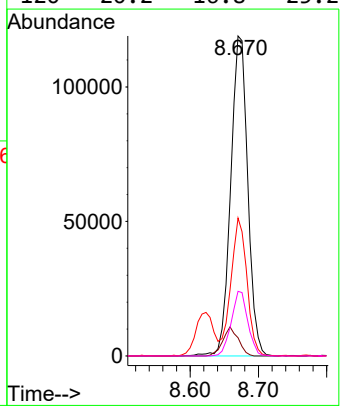


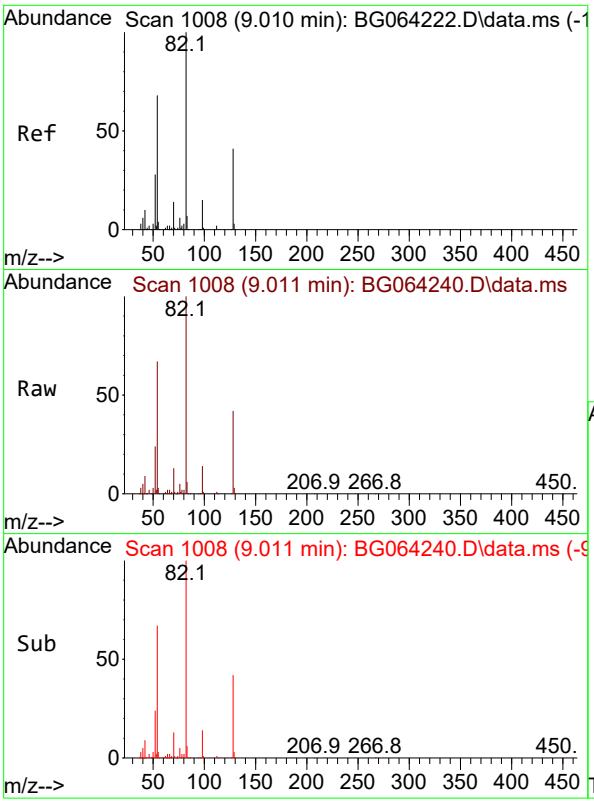


#22
Acetophenone
Concen: 40.573 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:105 Resp: 206709

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.3	6.5
51	43.1	32.4	48.6
120	20.2	16.8	25.2



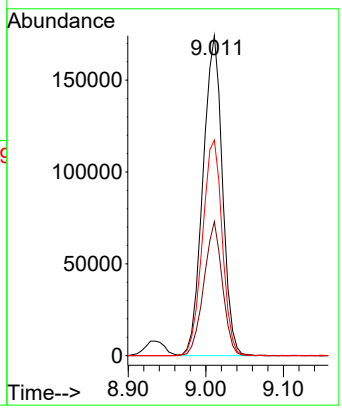


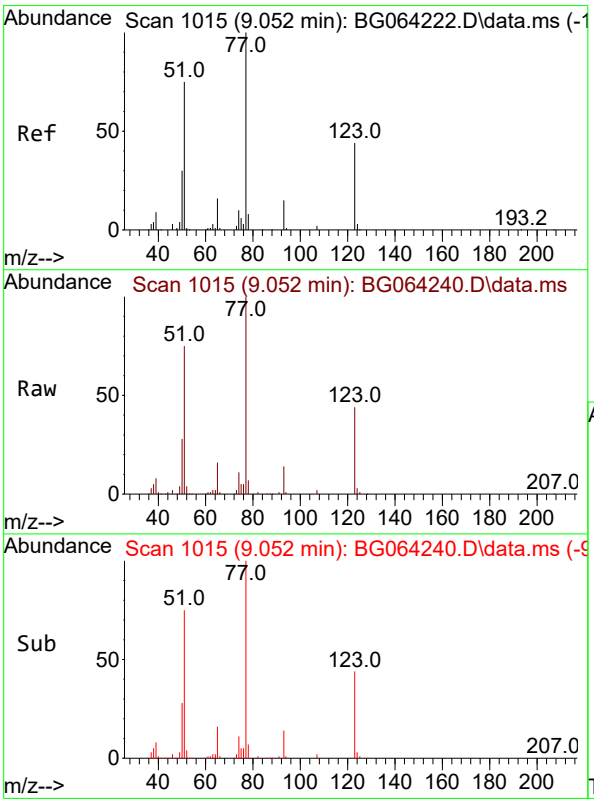
#23
Nitrobenzene-d5
Concen: 84.237 ng
RT: 9.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 304169

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.6	48.8
54	67.4	54.7	82.1

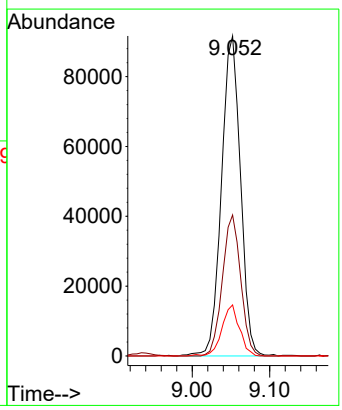


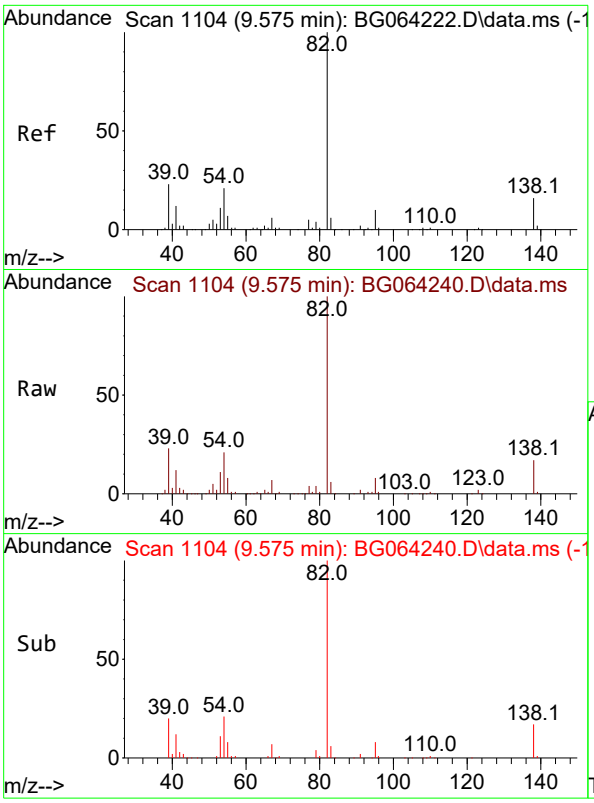


#24
Nitrobenzene
Concen: 41.449 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 77 Resp: 156373

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.2	52.8
65	16.0	12.6	19.0



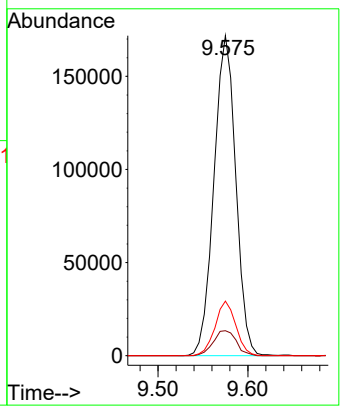


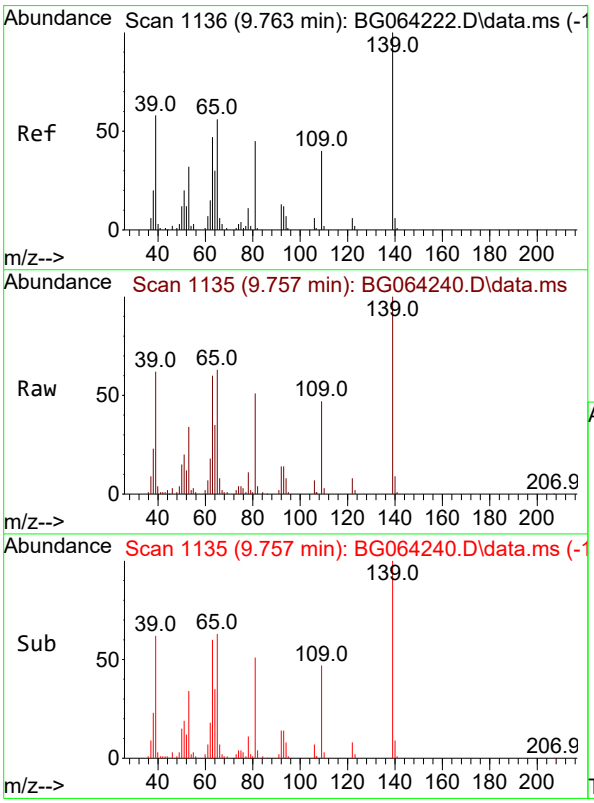
#25
Isophorone
Concen: 38.627 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 289881

Ion	Ratio	Lower	Upper
82	100		
95	7.8	7.9	11.9#
138	17.0	13.0	19.4

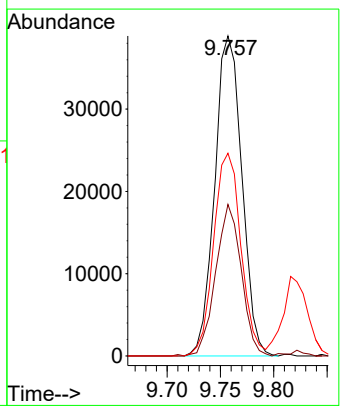


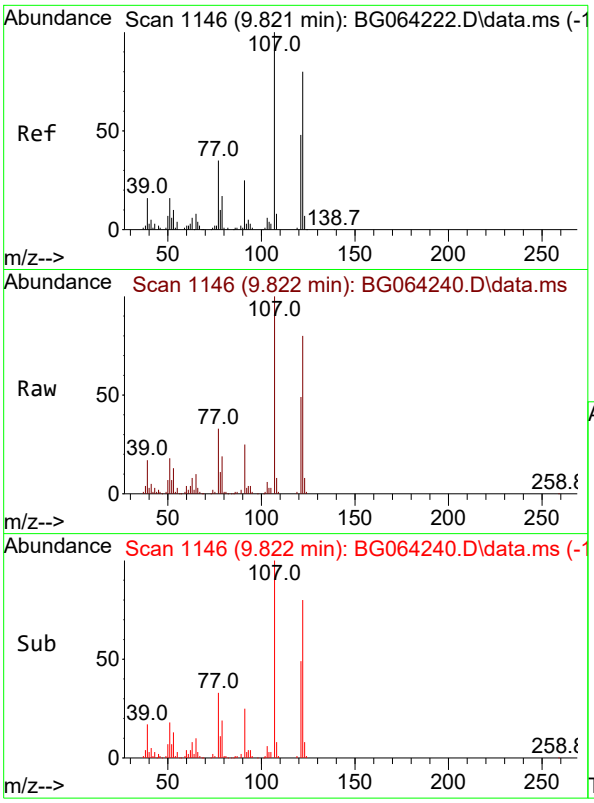


#26
2-Nitrophenol
Concen: 42.204 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:139 Resp: 68799

Ion	Ratio	Lower	Upper
139	100		
109	47.4	32.4	48.6
65	63.3	44.6	67.0



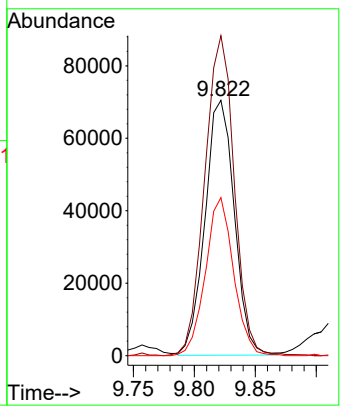


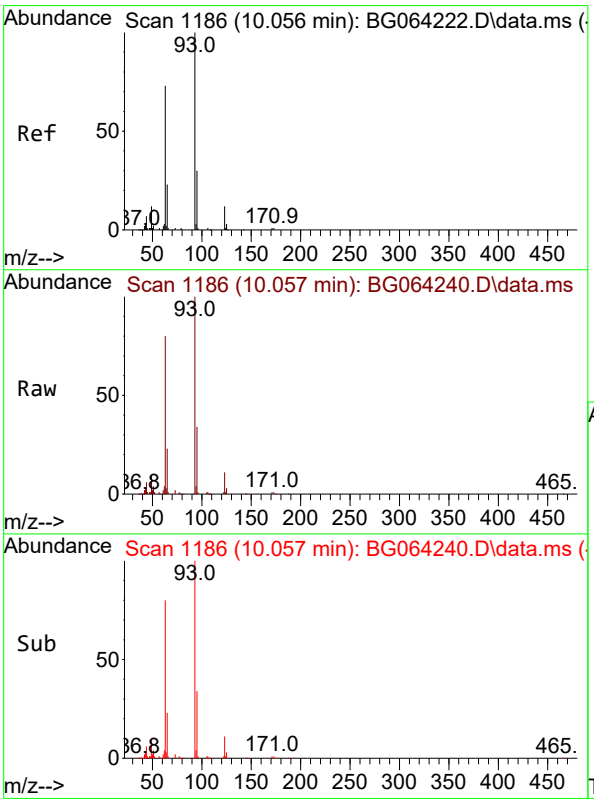
#27
2,4-Dimethylphenol
Concen: 41.240 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 118031

Ion	Ratio	Lower	Upper
122	100		
107	125.3	99.9	149.9
121	61.9	48.6	72.8

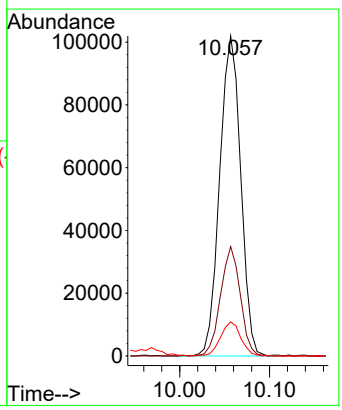


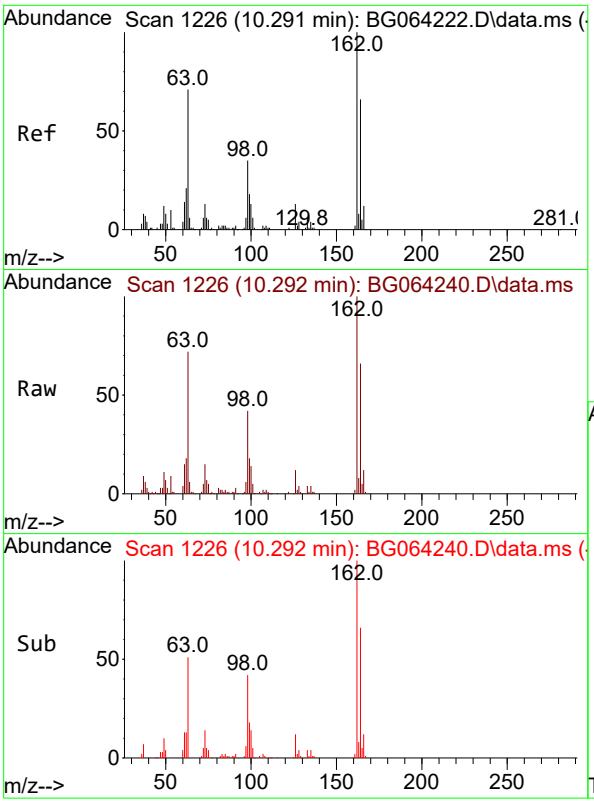


#28
bis(2-Chloroethoxy)methane
Concen: 40.953 ng
RT: 10.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 93 Resp: 165717

Ion	Ratio	Lower	Upper
93	100		
95	34.2	23.9	35.9
123	10.6	9.6	14.4



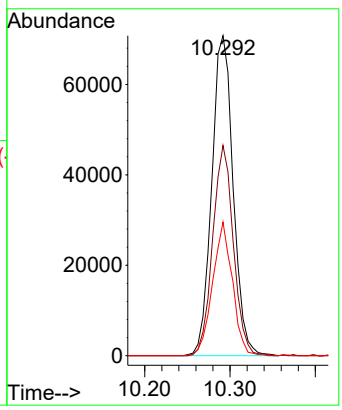


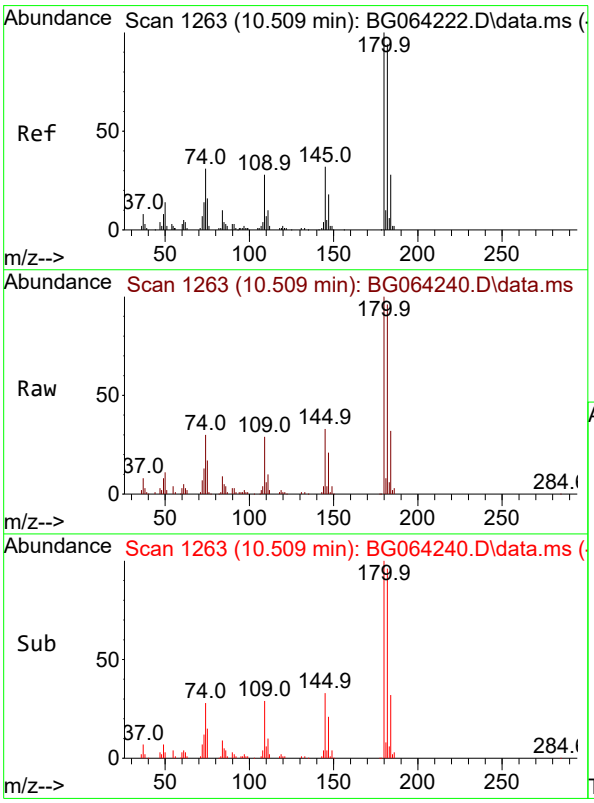
#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 123451

Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.8	85.8
98	41.7	15.2	55.2

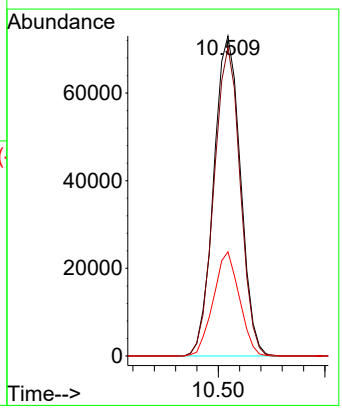


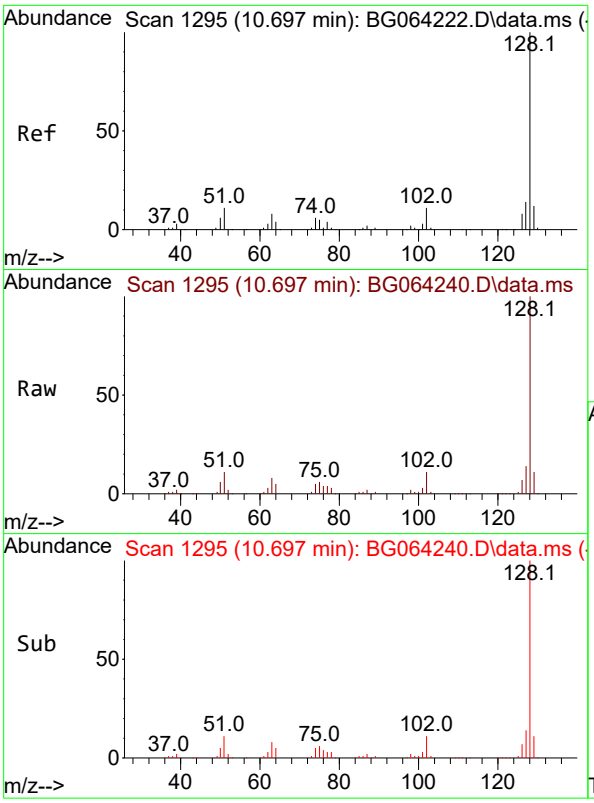


#30
1,2,4-Trichlorobenzene
Concen: 39.842 ng
RT: 10.509 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:180 Resp: 126861

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.0	112.6
145	32.6	25.4	38.0



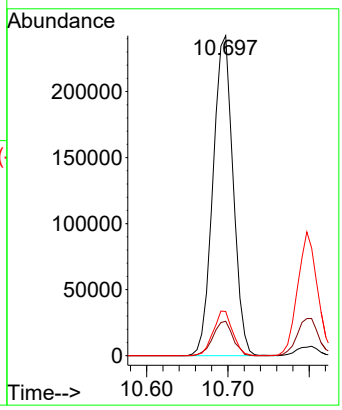


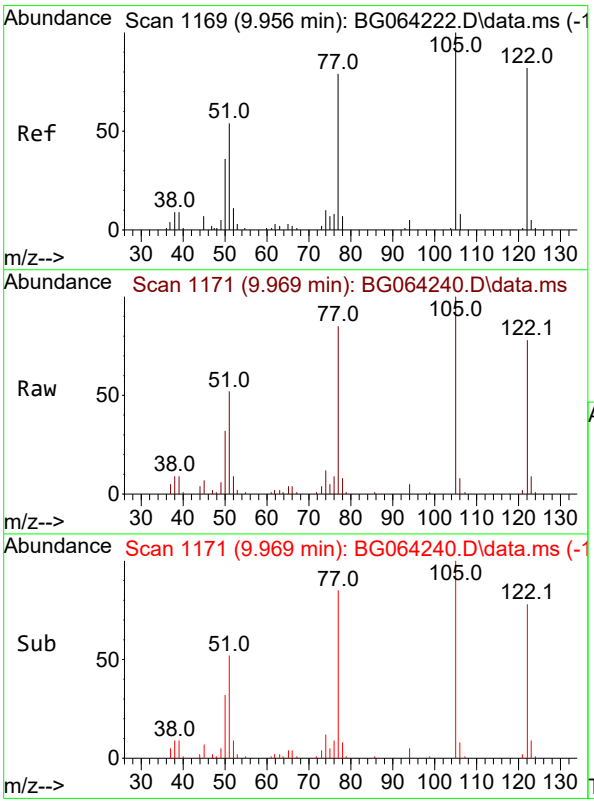
#31
Naphthalene
Concen: 39.952 ng
RT: 10.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 417200

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.8	10.9	16.3

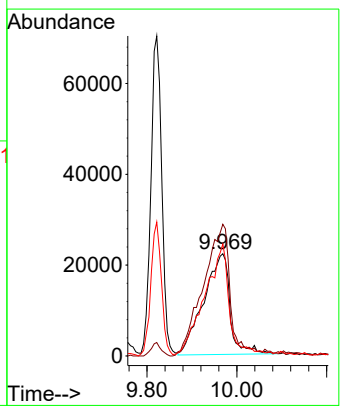


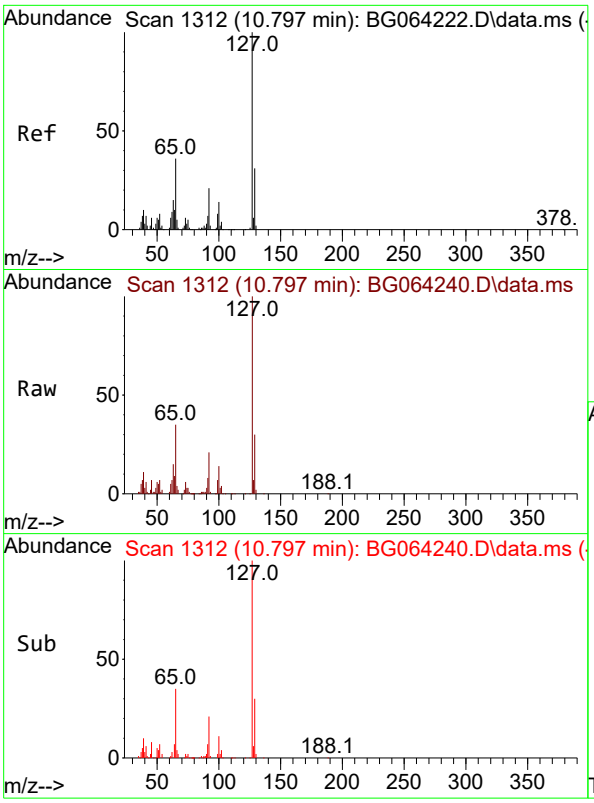


#32
Benzoic acid
Concen: 39.889 ng
RT: 9.969 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:122 Resp: 90624

Ion	Ratio	Lower	Upper
122	100		
105	128.8	98.5	138.5
77	109.5	74.6	114.6



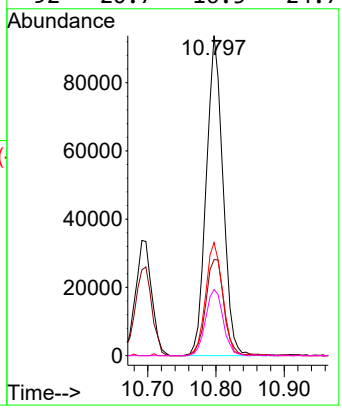


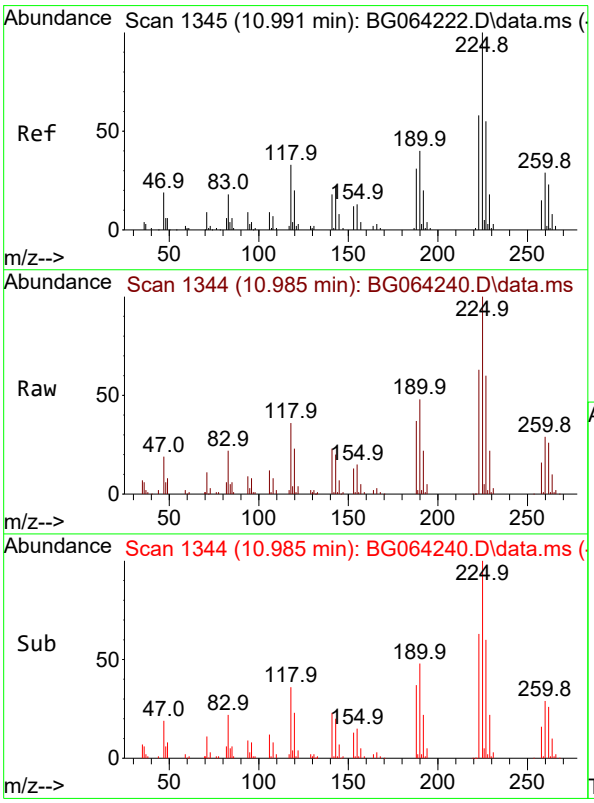
#33
4-Chloroaniline
Concen: 39.519 ng
RT: 10.797 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 159950

Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.0	37.4
65	35.3	28.7	43.1
92	20.7	16.5	24.7

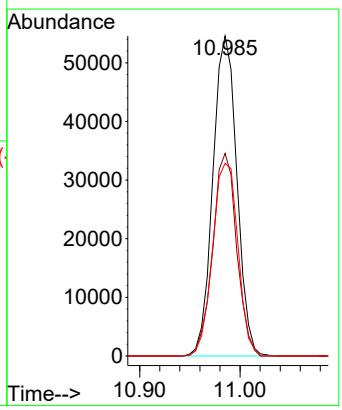


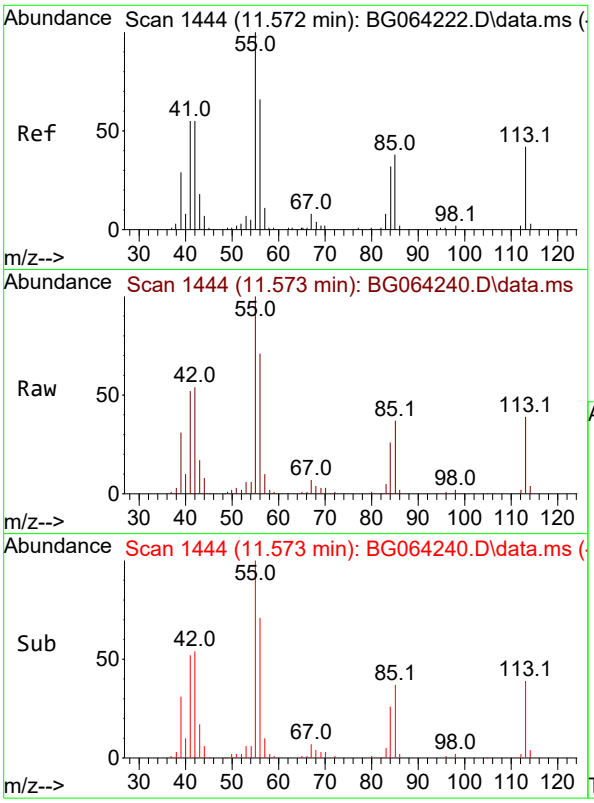


#34
Hexachlorobutadiene
Concen: 38.415 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:225 Resp: 90415

Ion	Ratio	Lower	Upper
225	100		
223	63.3	46.5	69.7
227	60.2	44.1	66.1



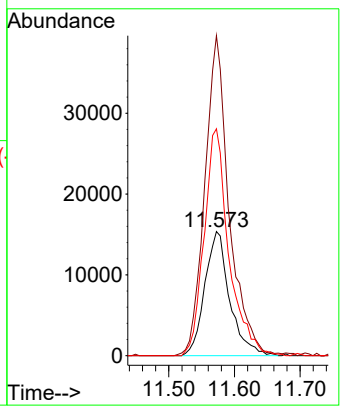


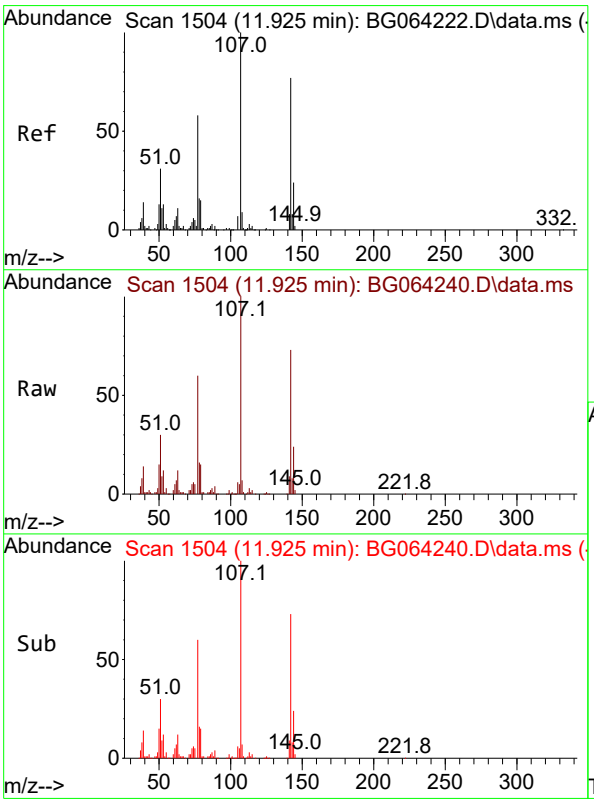
#35
Caprolactam
Concen: 34.557 ng
RT: 11.573 min Scan# 14
Delta R.T. -0.029 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 40407

Ion	Ratio	Lower	Upper
113	100		
55	257.6	218.5	258.5
56	182.6	138.5	178.5#

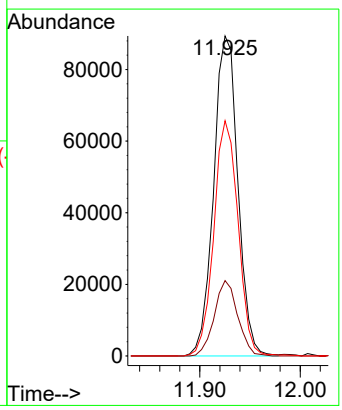


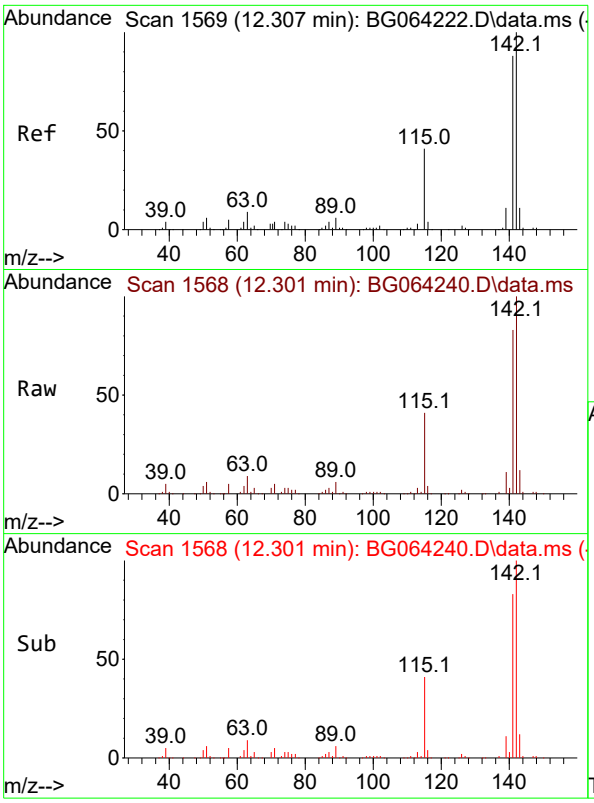


#36
4-Chloro-3-methylphenol
Concen: 38.256 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:107 Resp: 149890

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.5	29.3
142	73.5	62.0	93.0



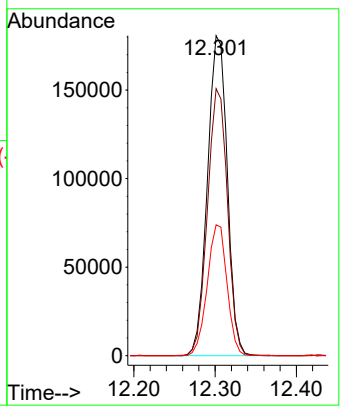


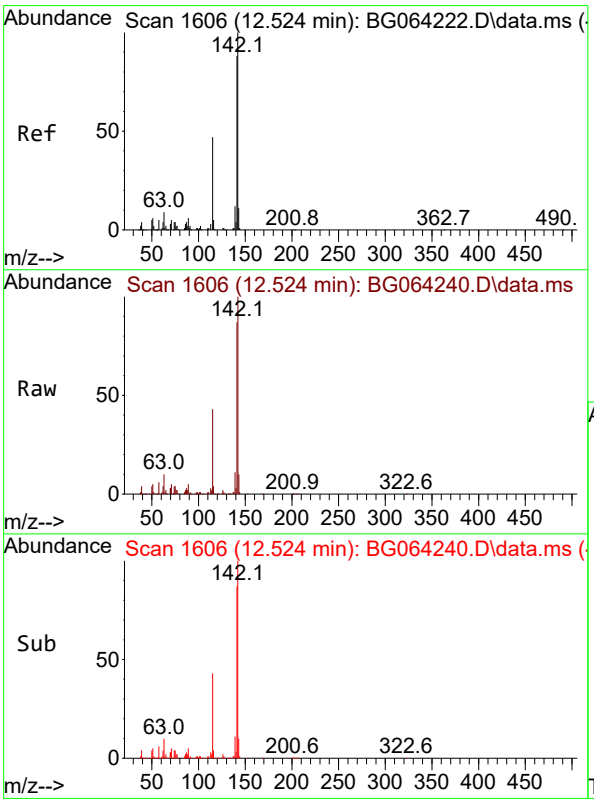
#37
2-Methylnaphthalene
Concen: 39.440 ng
RT: 12.301 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 306138

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.1	105.1
115	40.9	33.1	49.7

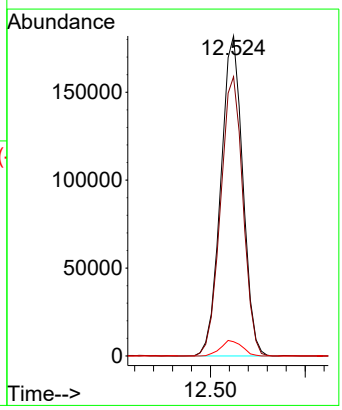


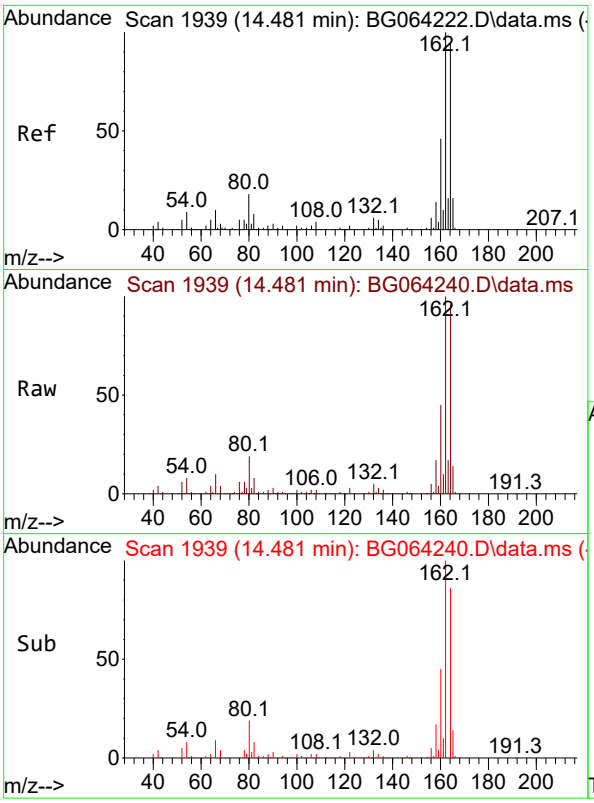


#38
1-Methylnaphthalene
Concen: 38.207 ng
RT: 12.524 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:142 Resp: 292923

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5
116	4.5	3.7	5.5



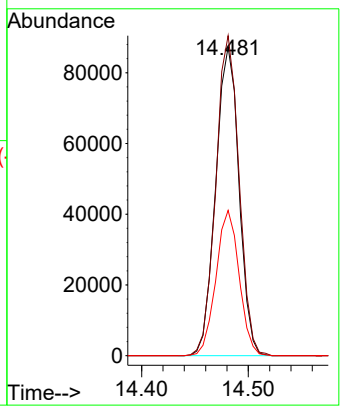


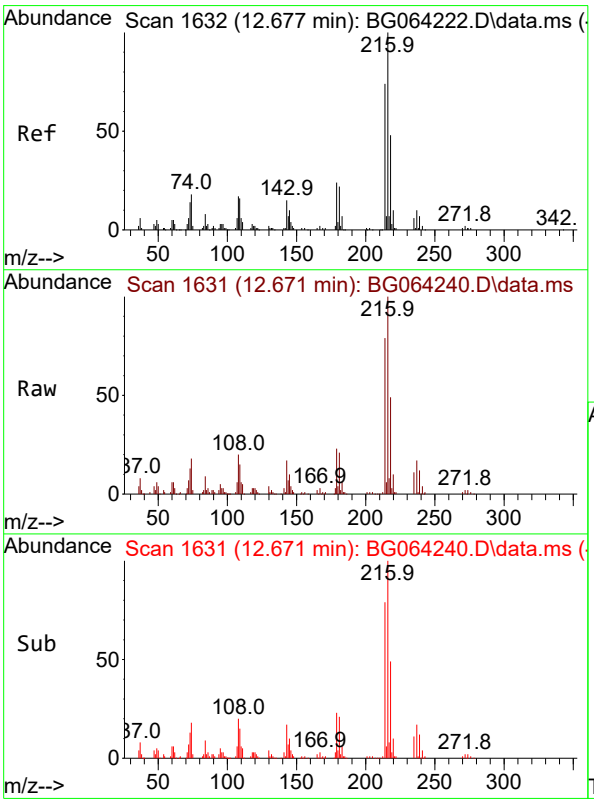
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 132047

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.0
160	47.1	39.2	58.8

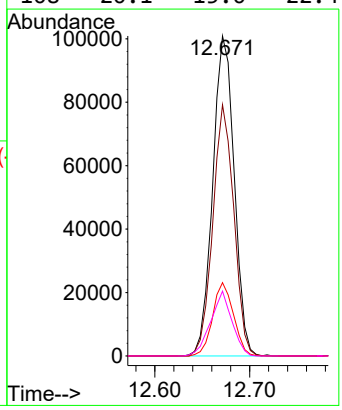


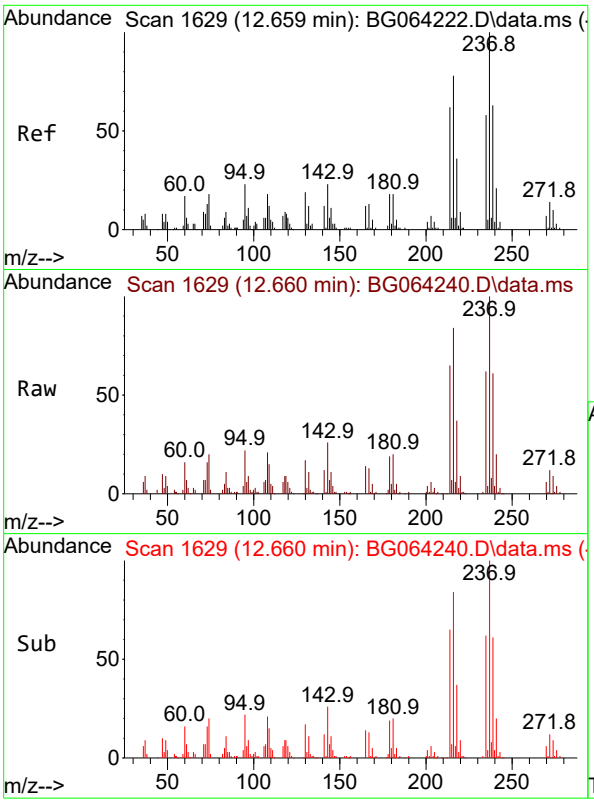


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.696 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:216 Resp: 158860

Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.9	92.9
179	22.2	17.9	26.9
108	20.1	15.0	22.4



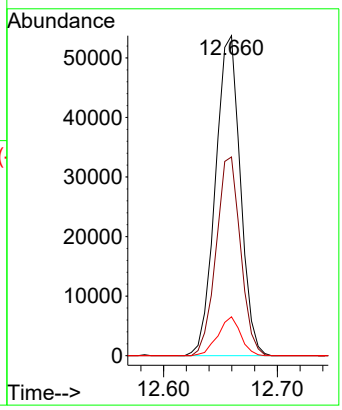


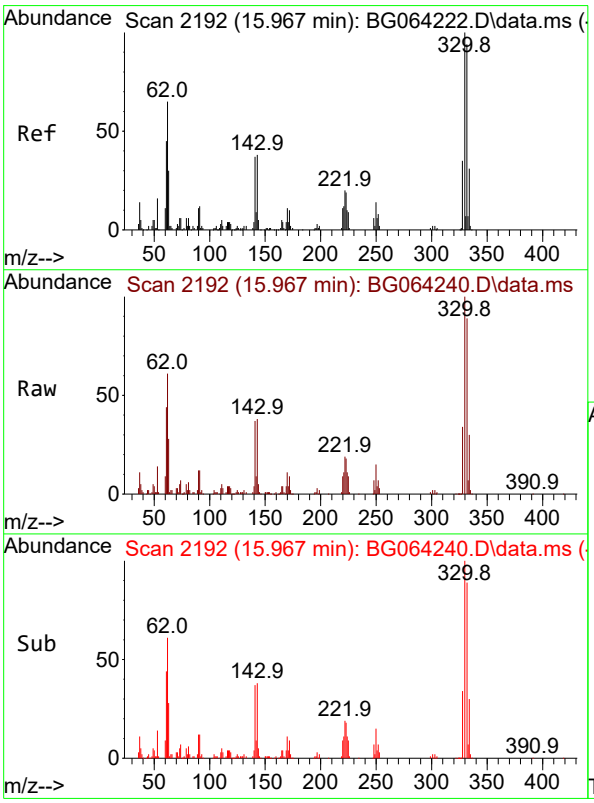
#41
Hexachlorocyclopentadiene
Concen: 45.129 ng
RT: 12.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 81717

Ion	Ratio	Lower	Upper
237	100		
235	62.1	37.9	77.9
272	12.1	0.0	33.8

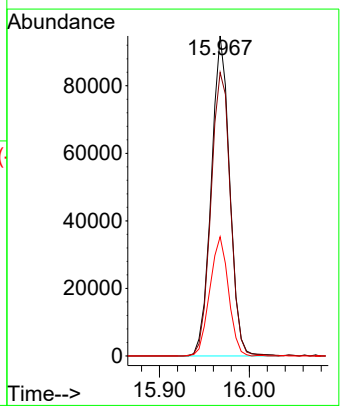


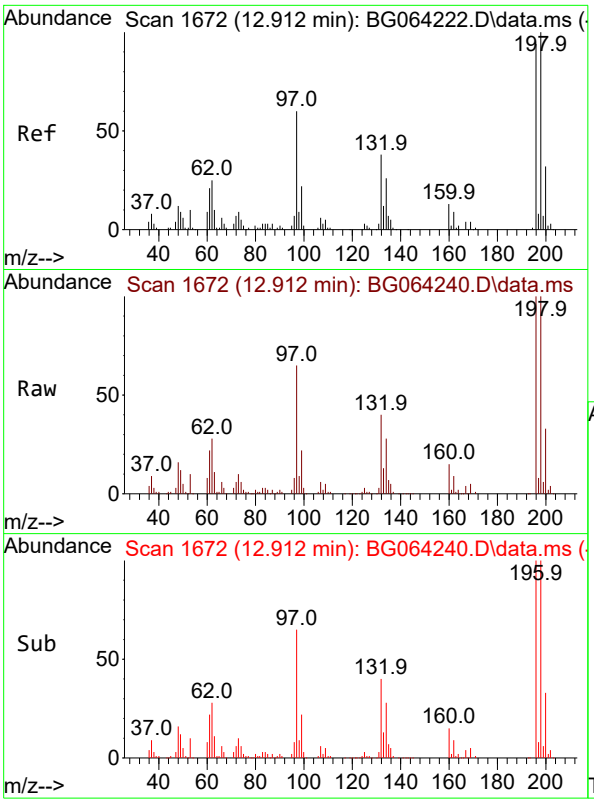


#42
2,4,6-Tribromophenol
Concen: 77.164 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:330 Resp: 134961

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.6	116.4
141	37.8	29.8	44.6



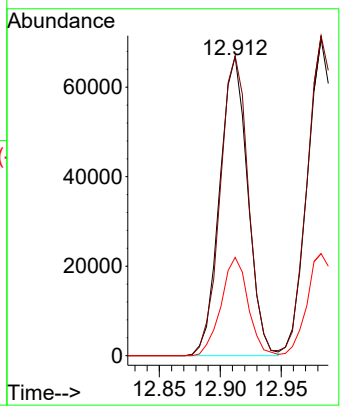


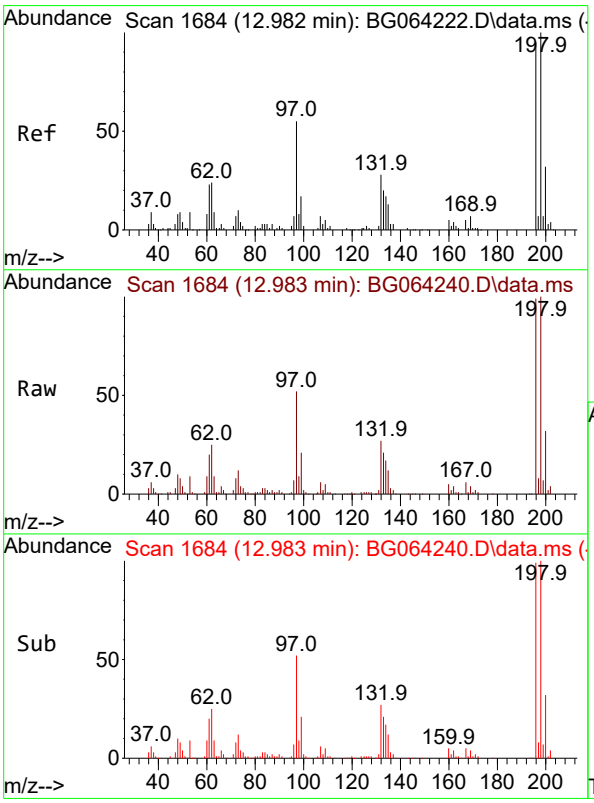
#43
2,4,6-Trichlorophenol
Concen: 42.067 ng
RT: 12.912 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 107124

Ion	Ratio	Lower	Upper
196	100		
198	100.3	85.4	128.2
200	32.9	27.3	40.9

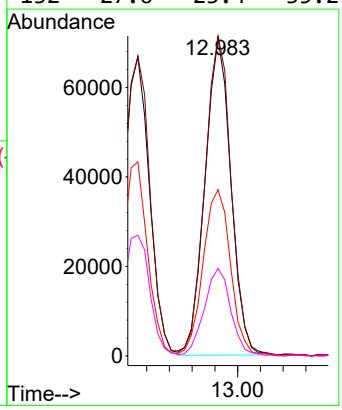


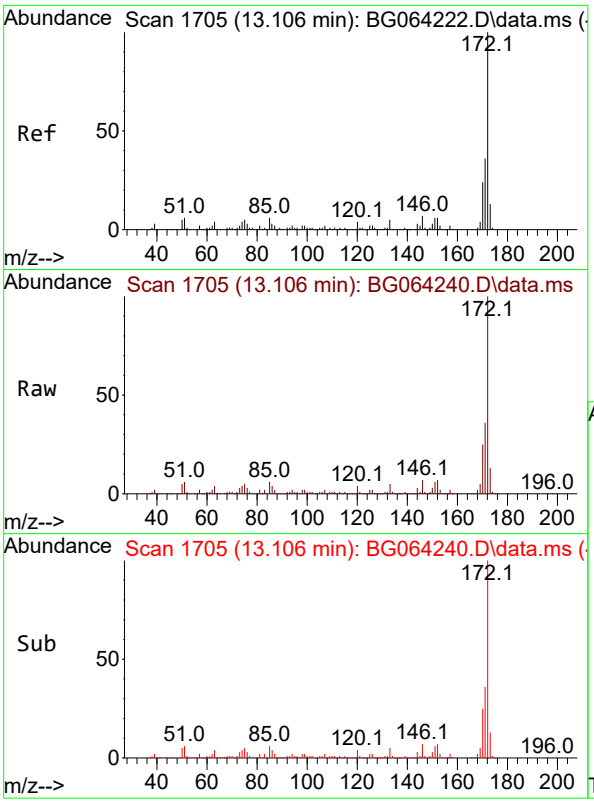


#44
2,4,5-Trichlorophenol
Concen: 40.587 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:196 Resp: 112117

Ion	Ratio	Lower	Upper
196	100		
198	100.9	84.5	126.7
97	52.4	46.8	70.2
132	27.6	23.4	35.2



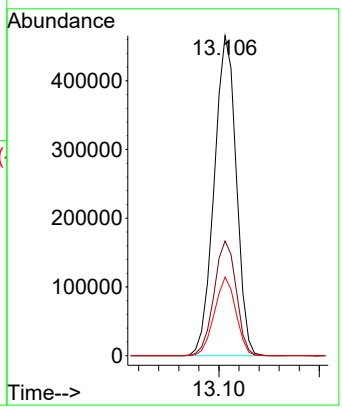


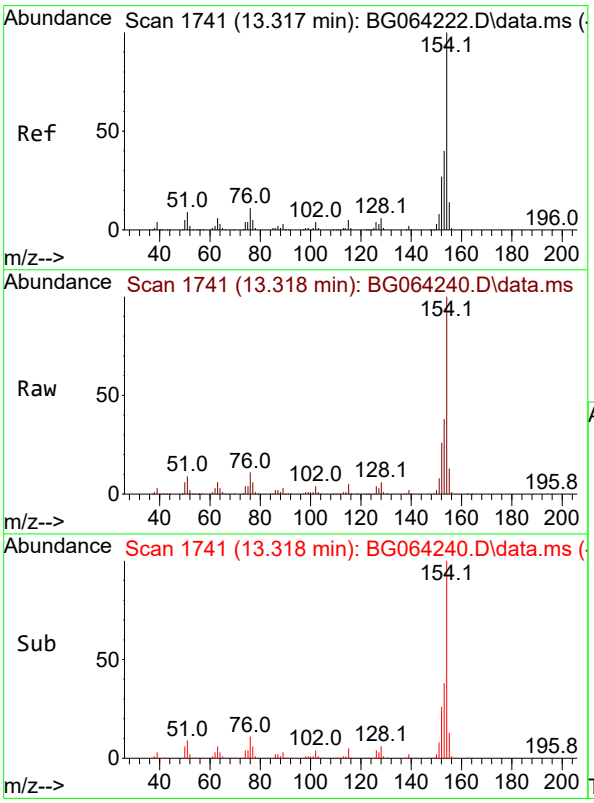
#45
2-Fluorobiphenyl
Concen: 81.947 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 708935

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.5	19.0	28.6

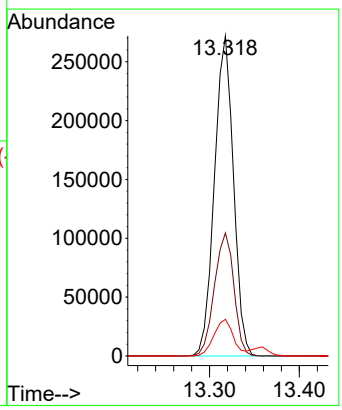


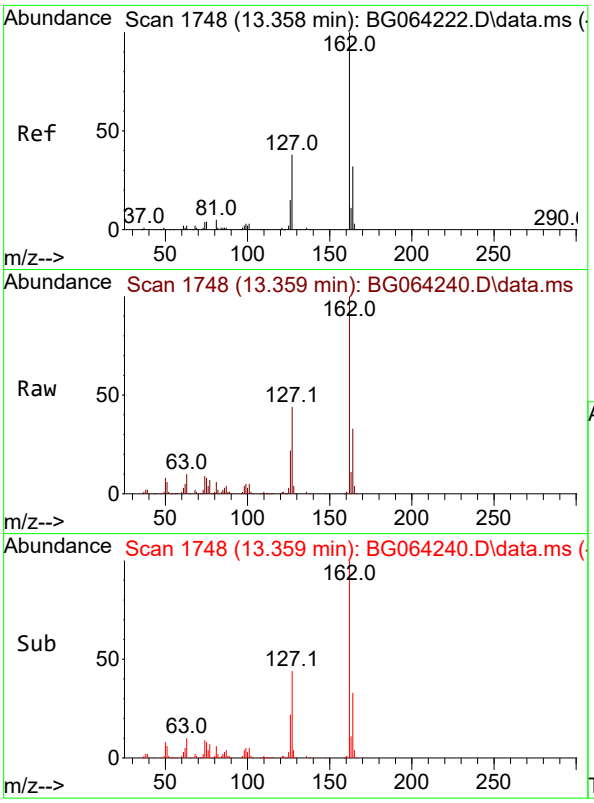


#46
1,1'-Biphenyl
Concen: 41.507 ng
RT: 13.318 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:154 Resp: 399200

Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.9	59.9
76	11.5	0.0	30.9



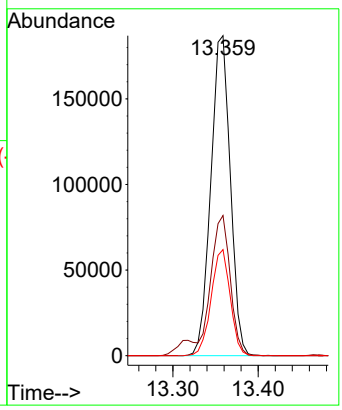


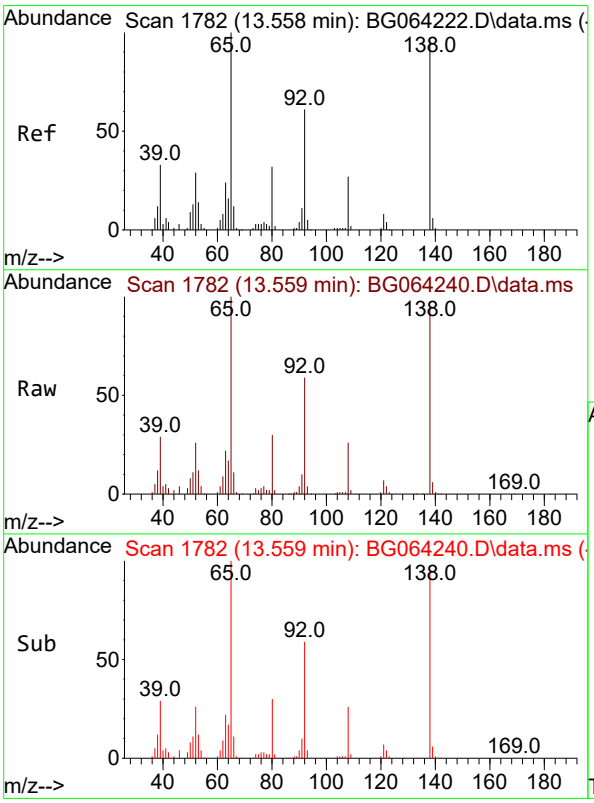
#47
2-Chloronaphthalene
Concen: 41.050 ng
RT: 13.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 296806

Ion	Ratio	Lower	Upper
162	100		
127	43.8	33.9	50.9
164	33.1	25.4	38.2

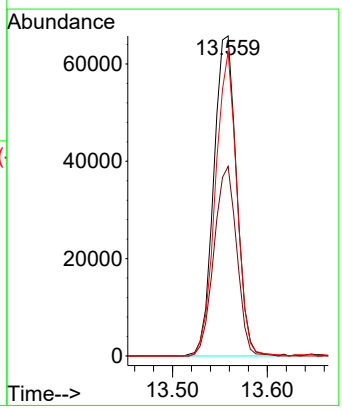


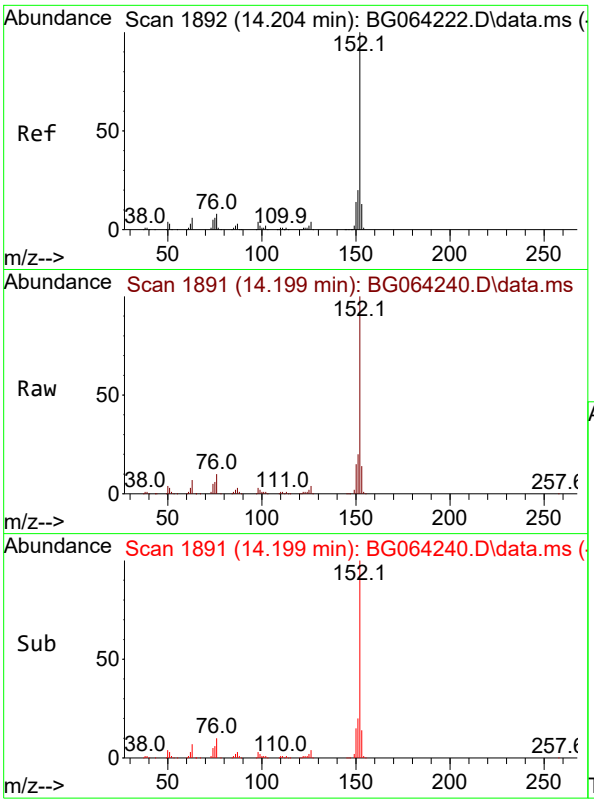


#48
2-Nitroaniline
Concen: 44.470 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion: 65 Resp: 109593

Ion	Ratio	Lower	Upper
65	100		
92	59.2	49.2	73.8
138	95.0	76.8	115.2



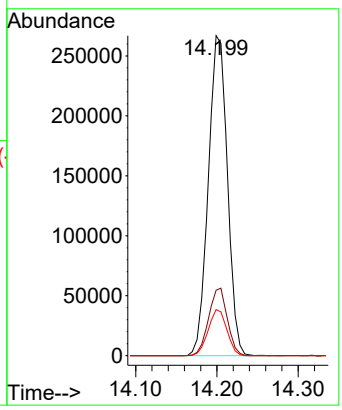


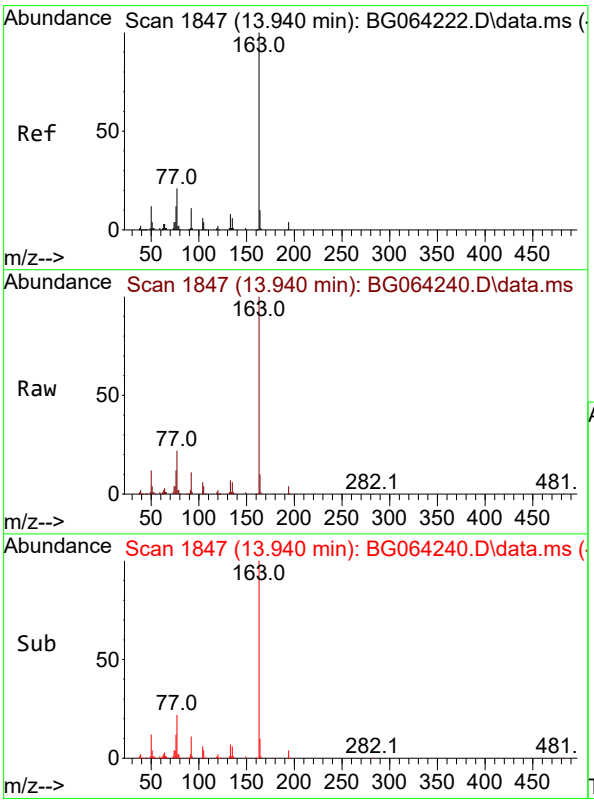
#49
Acenaphthylene
Concen: 40.734 ng
RT: 14.199 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 435375

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	14.4	10.1	15.1

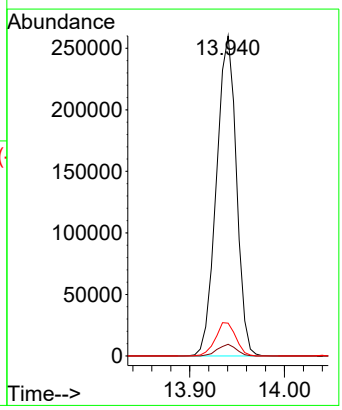


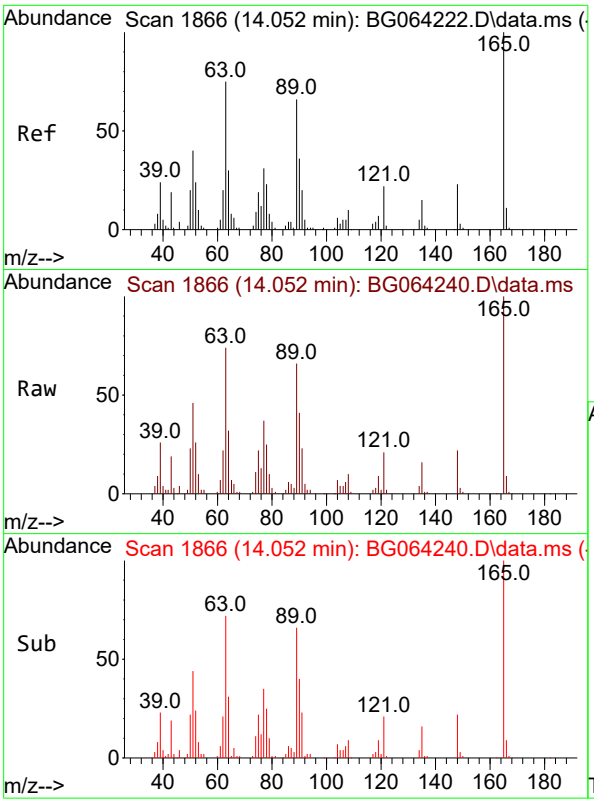


#50
Dimethylphthalate
Concen: 38.151 ng
RT: 13.940 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:163 Resp: 381311

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.3	7.9	11.9



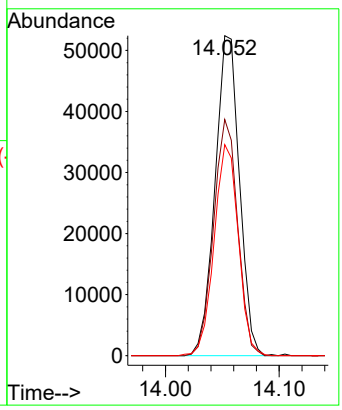


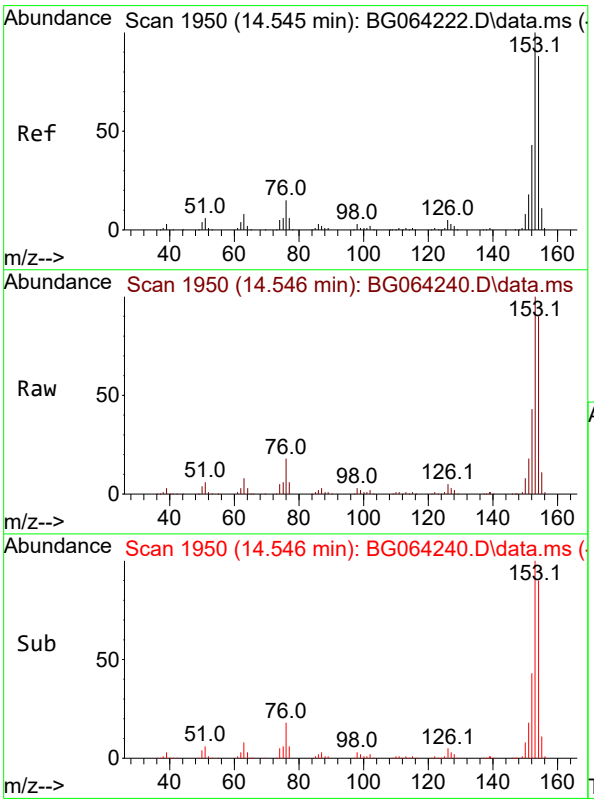
#51
2,6-Dinitrotoluene
Concen: 40.428 ng
RT: 14.052 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 78226

Ion	Ratio	Lower	Upper
165	100		
63	73.8	60.3	90.5
89	65.9	52.9	79.3

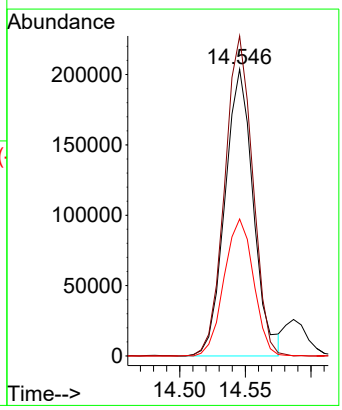


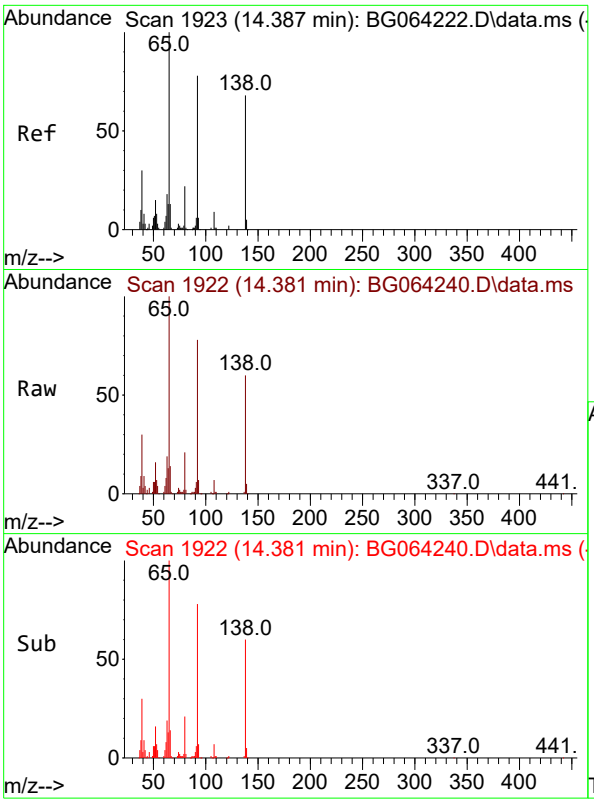


#52
Acenaphthene
Concen: 40.667 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:154 Resp: 306743

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.1	136.7
152	47.8	39.6	59.4



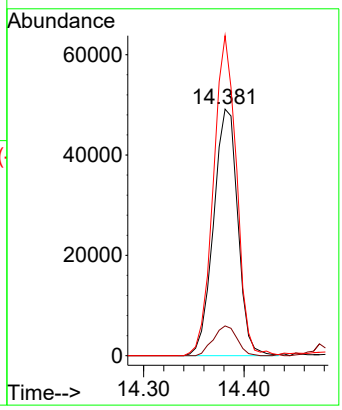


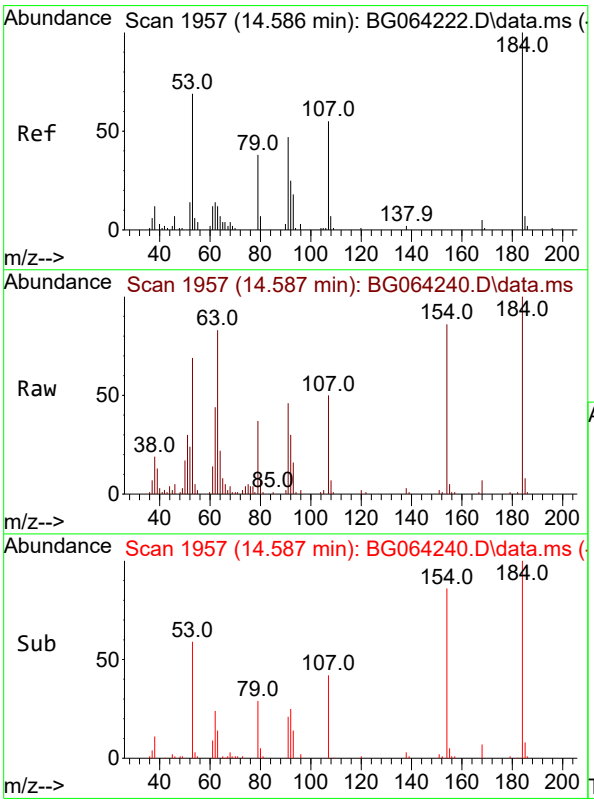
#53
3-Nitroaniline
Concen: 40.753 ng
RT: 14.381 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 82599

Ion	Ratio	Lower	Upper
138	100		
108	12.0	11.0	16.6
92	129.8	91.4	137.0

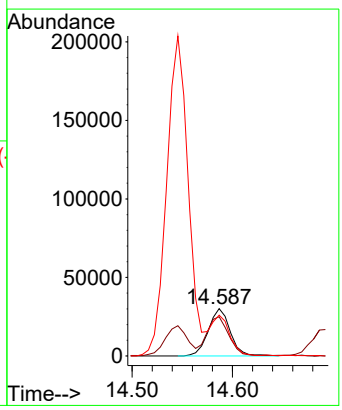


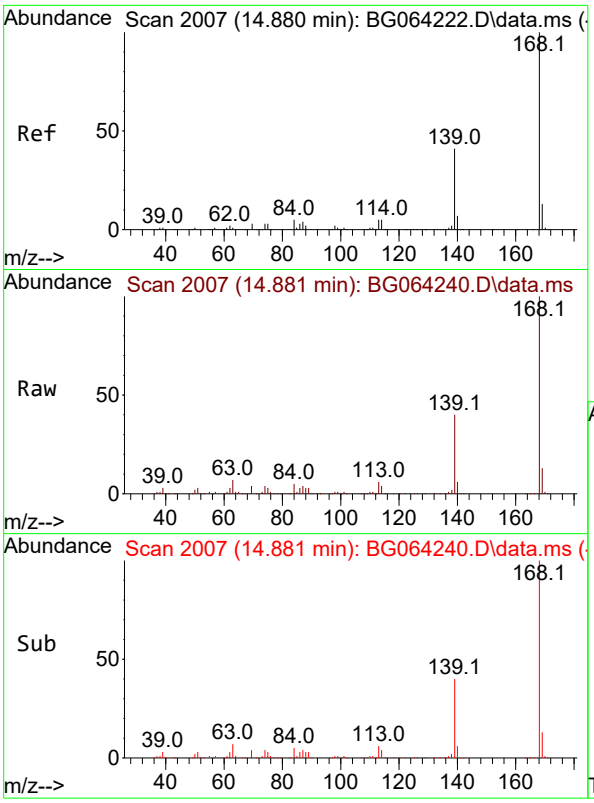


#54
2,4-Dinitrophenol
Concen: 39.142 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:184 Resp: 45557

Ion	Ratio	Lower	Upper
184	100		
63	83.1	60.1	90.1
154	86.1	59.8	89.8



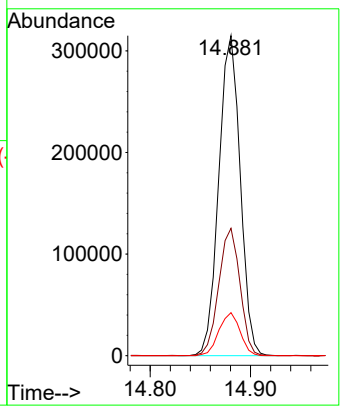


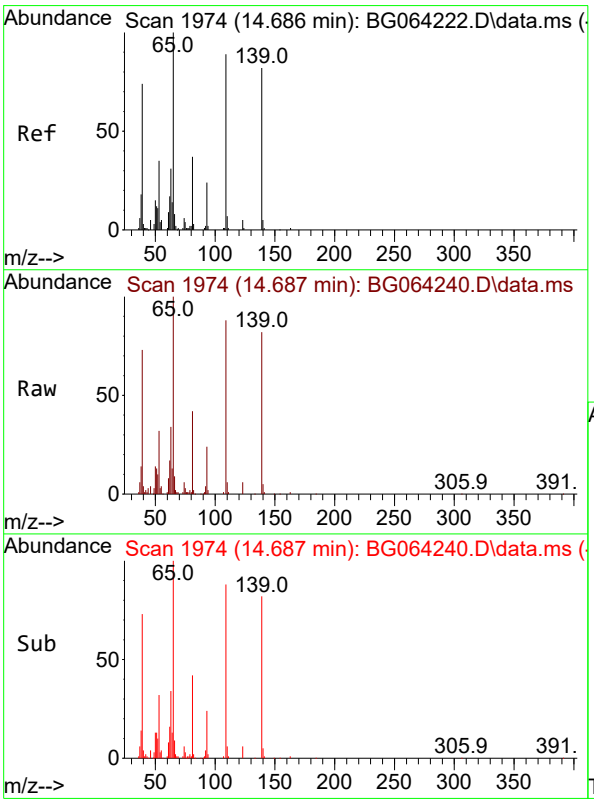
#55
Dibenzofuran
Concen: 39.337 ng
RT: 14.881 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 466702

Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.2	49.8
169	13.5	10.4	15.6

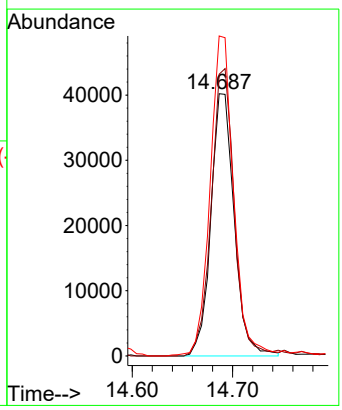


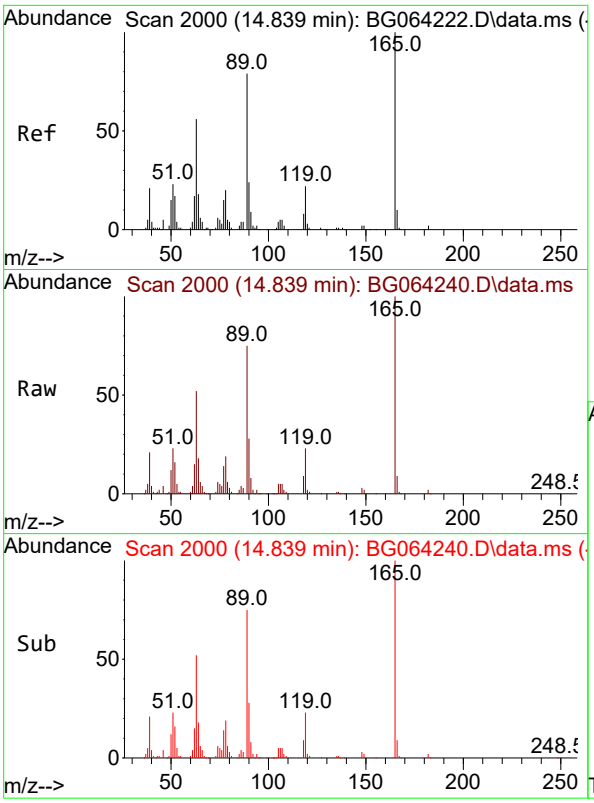


#56
4-Nitrophenol
Concen: 39.109 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:139 Resp: 65023

Ion	Ratio	Lower	Upper
139	100		
109	107.5	89.1	129.1
65	122.0	102.9	142.9



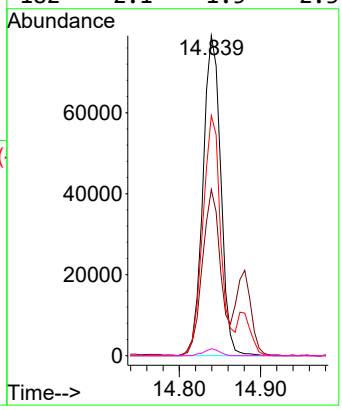


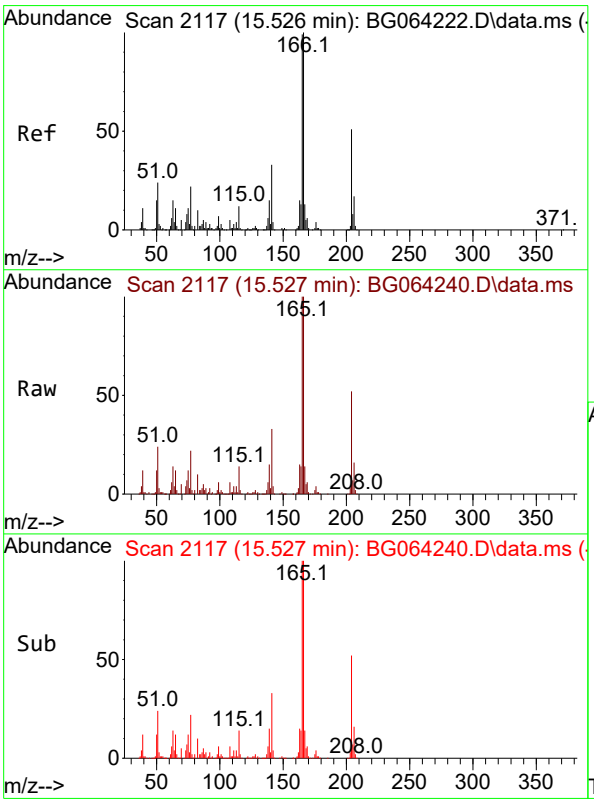
#57
2,4-Dinitrotoluene
Concen: 40.888 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 119624

Ion	Ratio	Lower	Upper
165	100		
63	51.9	44.6	67.0
89	75.1	63.0	94.4
182	2.1	1.5	2.3

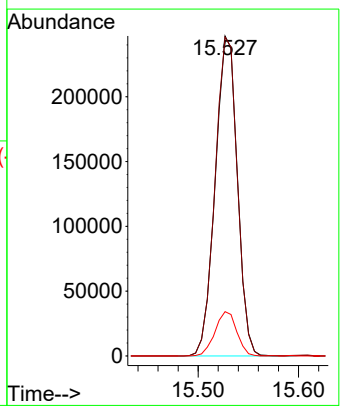


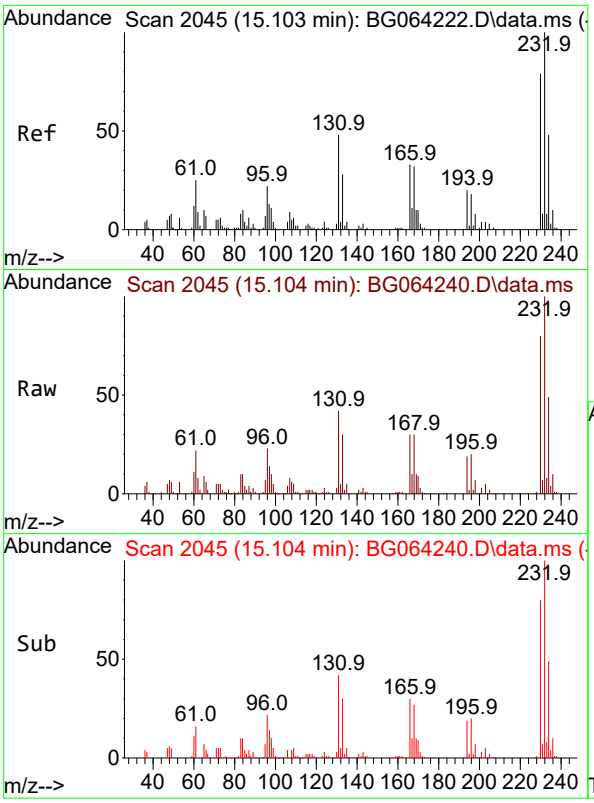


#58
Fluorene
Concen: 38.704 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:166 Resp: 376365

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	13.9	10.2	15.4



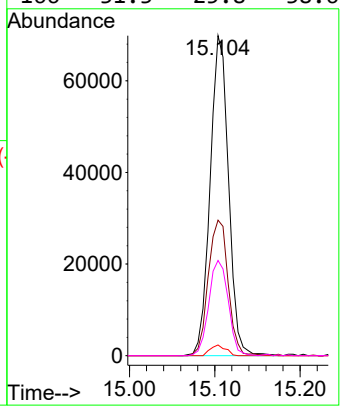


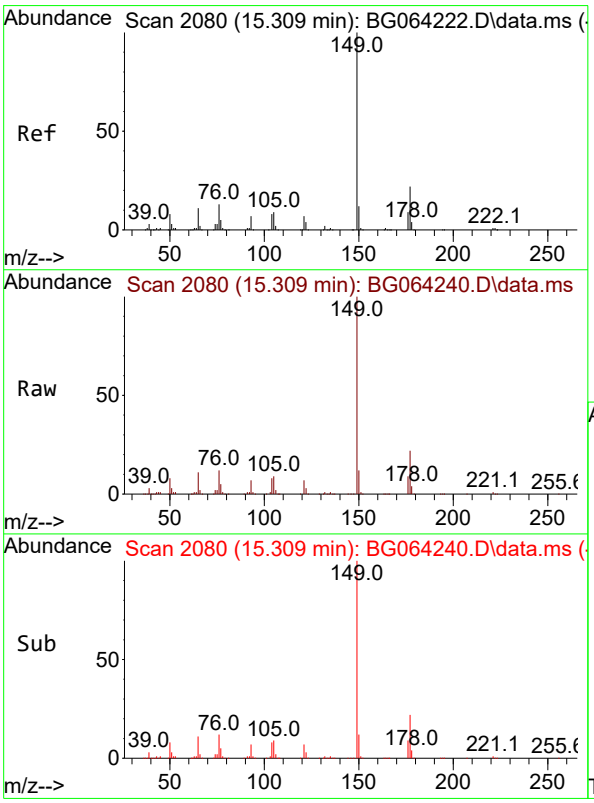
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.384 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 104638

Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.1	55.7
130	2.8	2.6	3.8
166	31.3	25.8	38.6

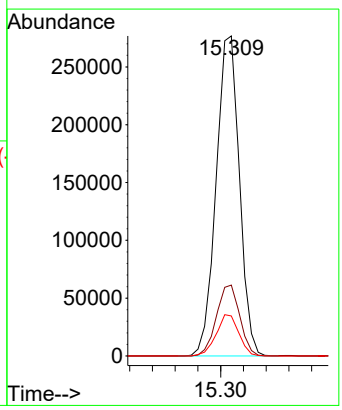


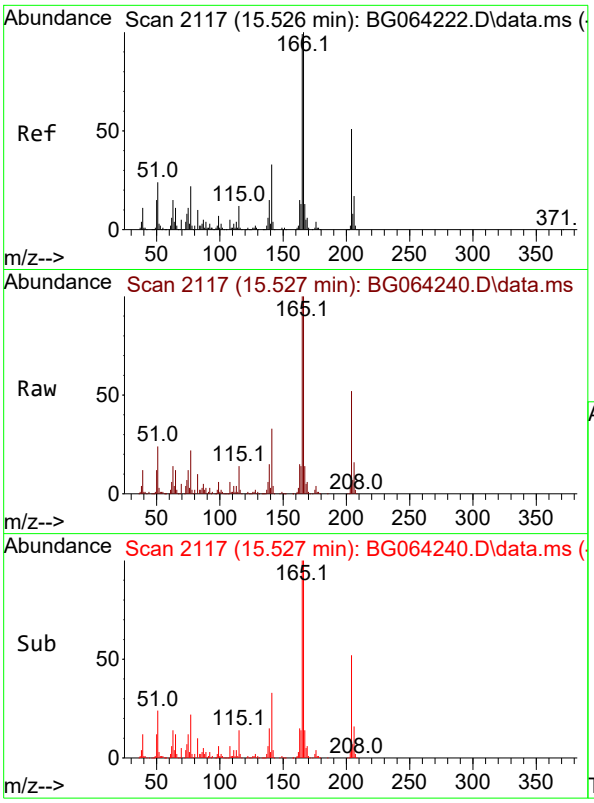


#60
Diethylphthalate
Concen: 36.786 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:149 Resp: 393489

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.5	9.9	14.9



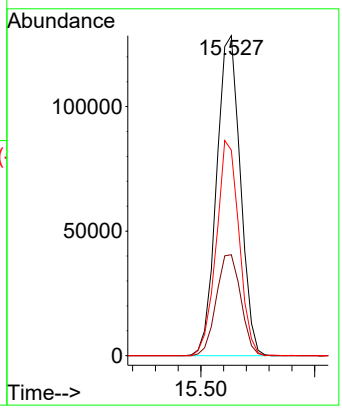


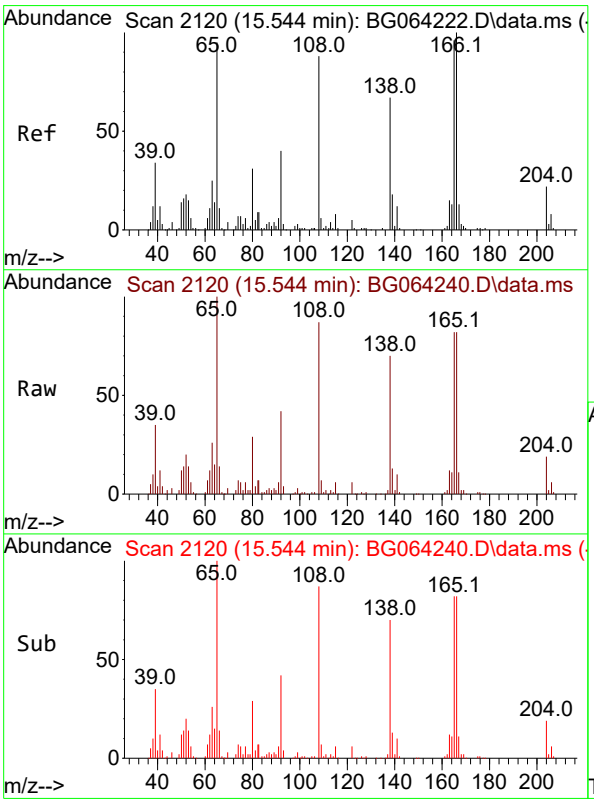
#61
4-Chlorophenyl-phenylether
Concen: 38.449 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 186415

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.4
141	64.2	51.9	77.9

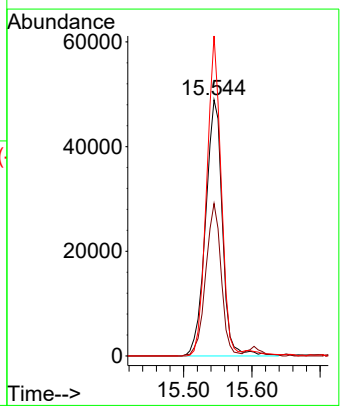


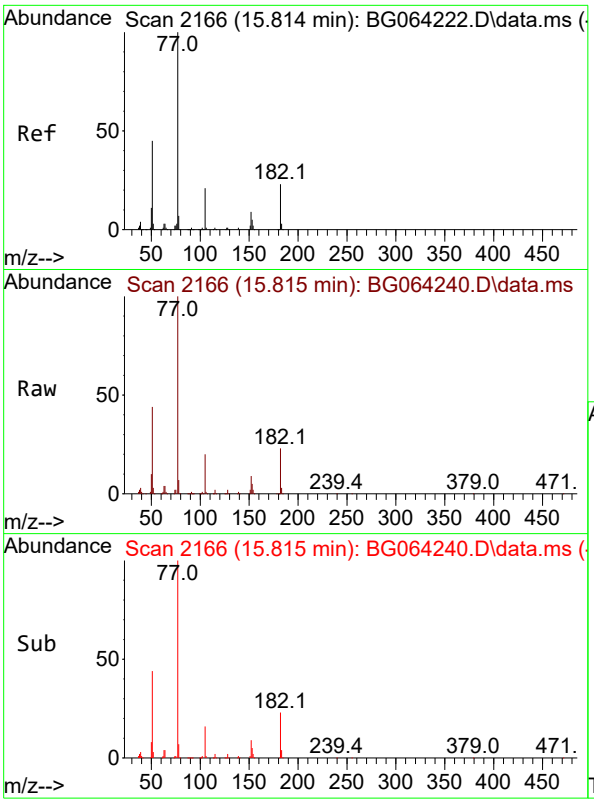


#62
4-Nitroaniline
Concen: 40.644 ng
RT: 15.544 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:138 Resp: 84061

Ion	Ratio	Lower	Upper
138	100		
92	59.5	39.1	79.1
108	124.9	111.3	151.3



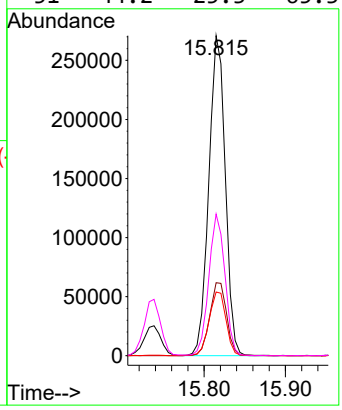


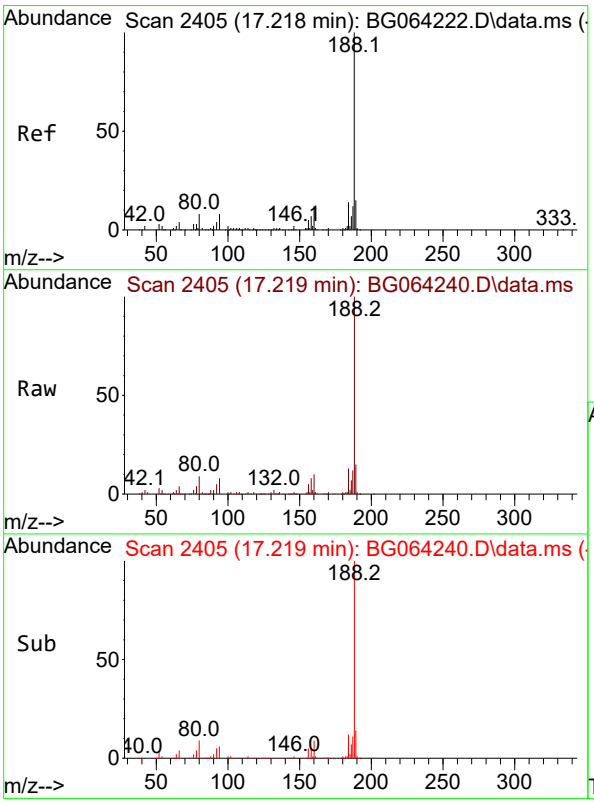
#63
Azobenzene
Concen: 39.956 ng
RT: 15.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 380928

Ion	Ratio	Lower	Upper
77	100		
182	22.8	3.3	43.3
105	19.9	0.6	40.6
51	44.2	25.3	65.3

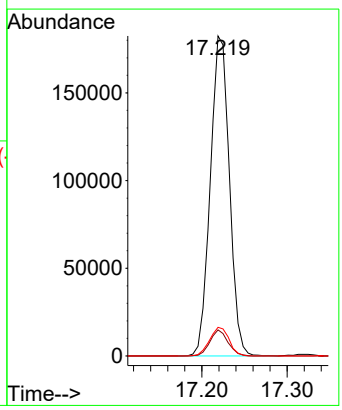


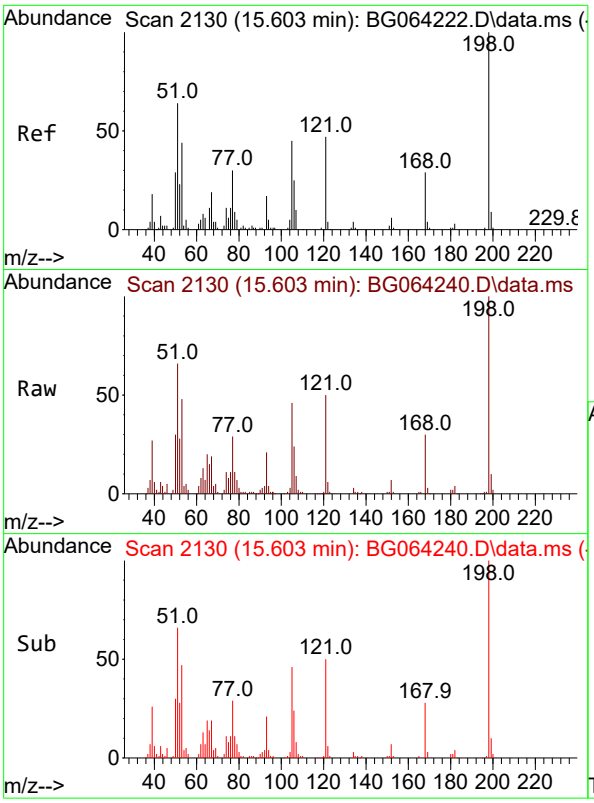


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:188 Resp: 283321

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	9.0	6.8	10.2



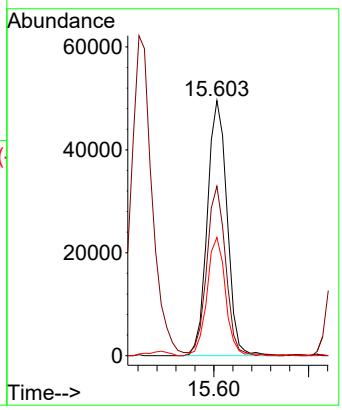


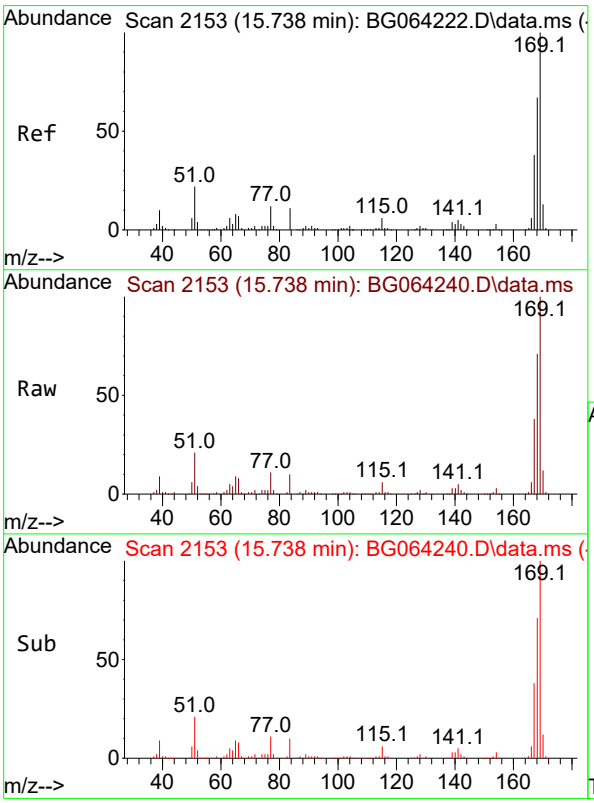
#65
4,6-Dinitro-2-methylphenol
Concen: 43.890 ng
RT: 15.603 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 71393

Ion	Ratio	Lower	Upper
198	100		
51	66.4	46.2	86.2
105	46.4	25.0	65.0

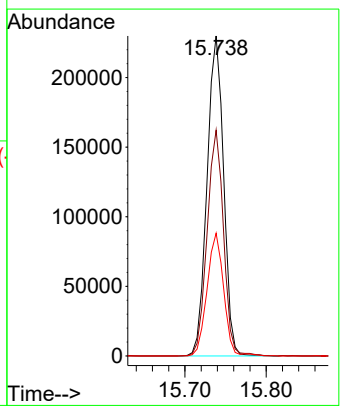


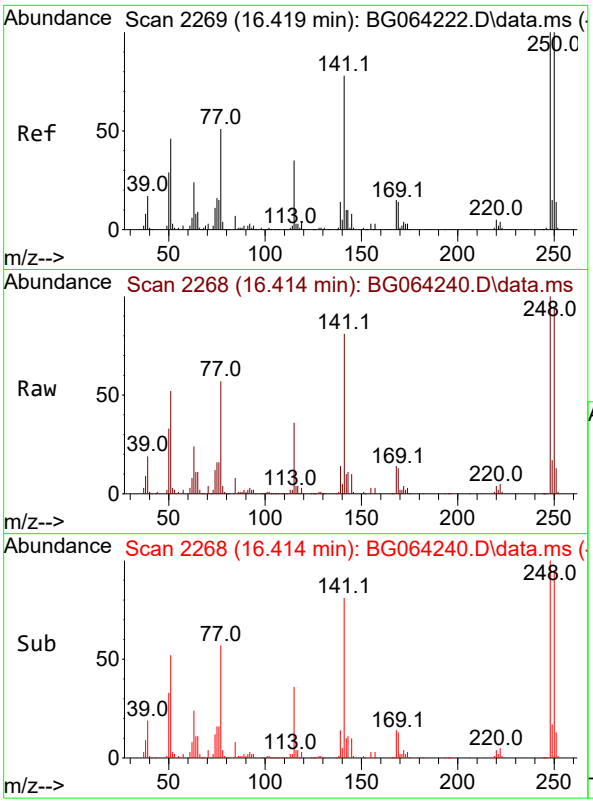


#66
n-Nitrosodiphenylamine
Concen: 41.658 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:169 Resp: 324675

Ion	Ratio	Lower	Upper
169	100		
168	70.6	53.8	80.8
167	38.3	30.2	45.2



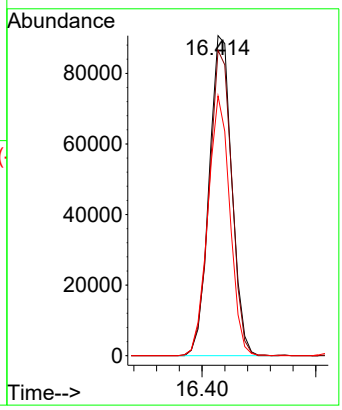


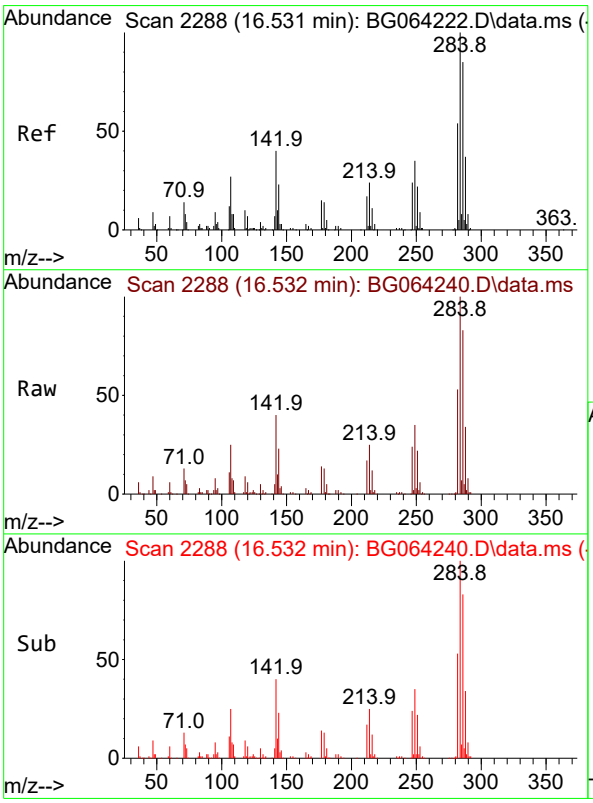
#67
4-Bromophenyl-phenylether
Concen: 41.691 ng
RT: 16.414 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 125456

Ion	Ratio	Lower	Upper
248	100		
250	95.4	80.2	120.4
141	81.2	62.4	93.6

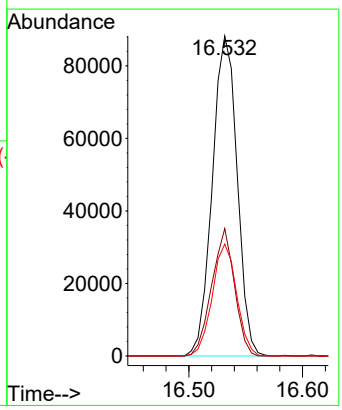


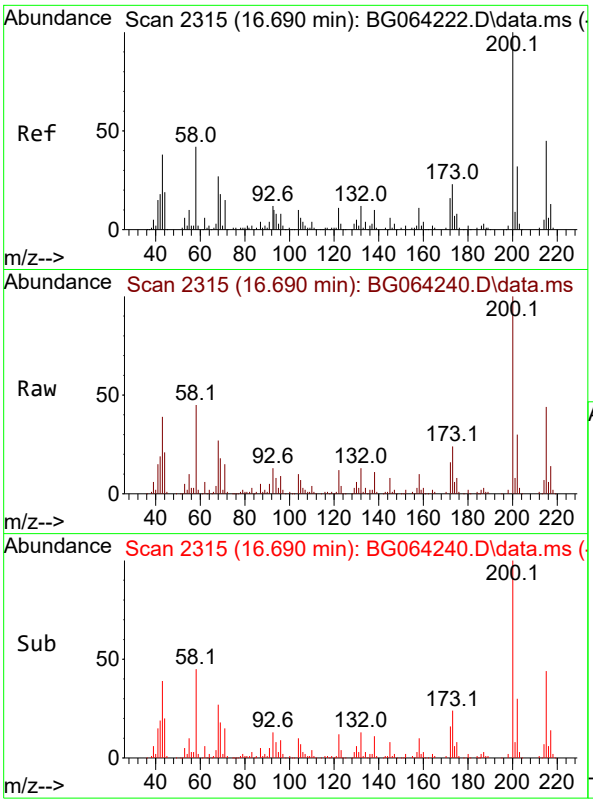


#68
Hexachlorobenzene
Concen: 40.017 ng
RT: 16.532 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:284 Resp: 133724

Ion	Ratio	Lower	Upper
284	100		
142	39.8	32.1	48.1
249	35.0	28.3	42.5



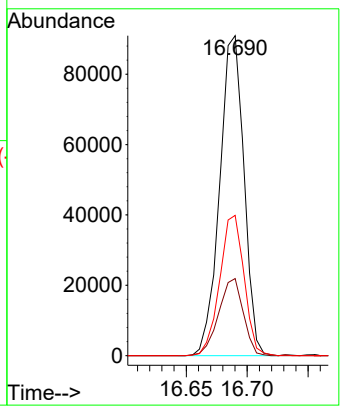


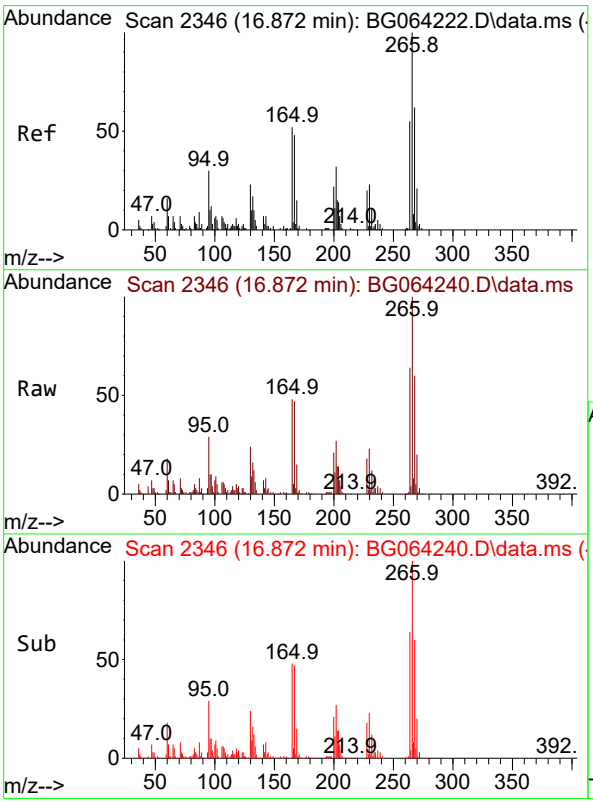
#69
Atrazine
Concen: 38.838 ng
RT: 16.690 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 126391

Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.5	43.5
215	43.8	24.8	64.8

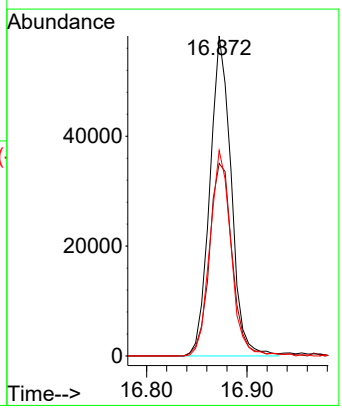


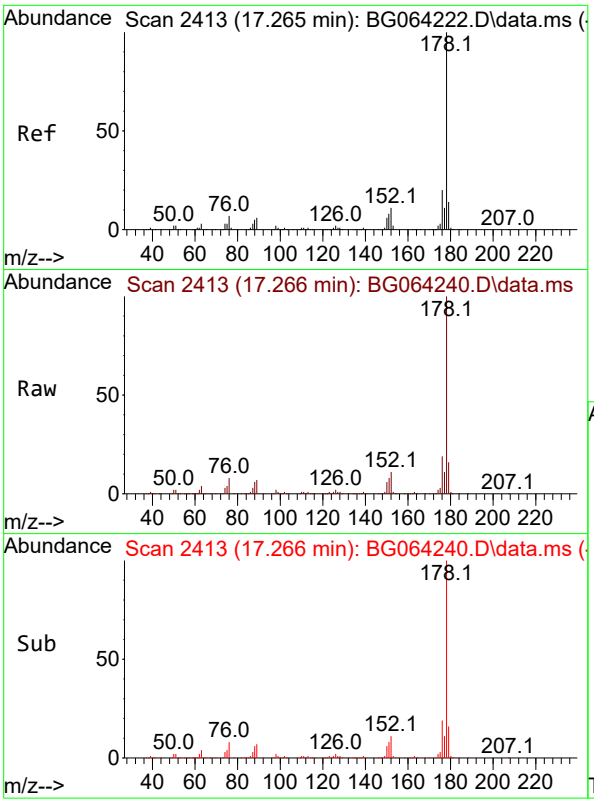


#70
Pentachlorophenol
Concen: 42.365 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:266 Resp: 85841

Ion	Ratio	Lower	Upper
266	100		
268	60.1	49.4	74.0
264	68.4	44.3	66.5#



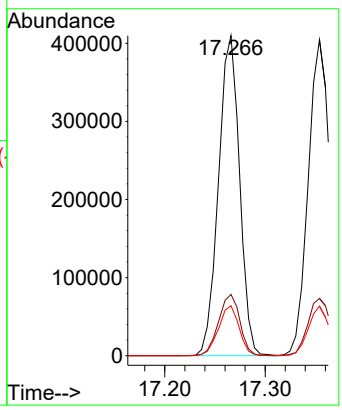


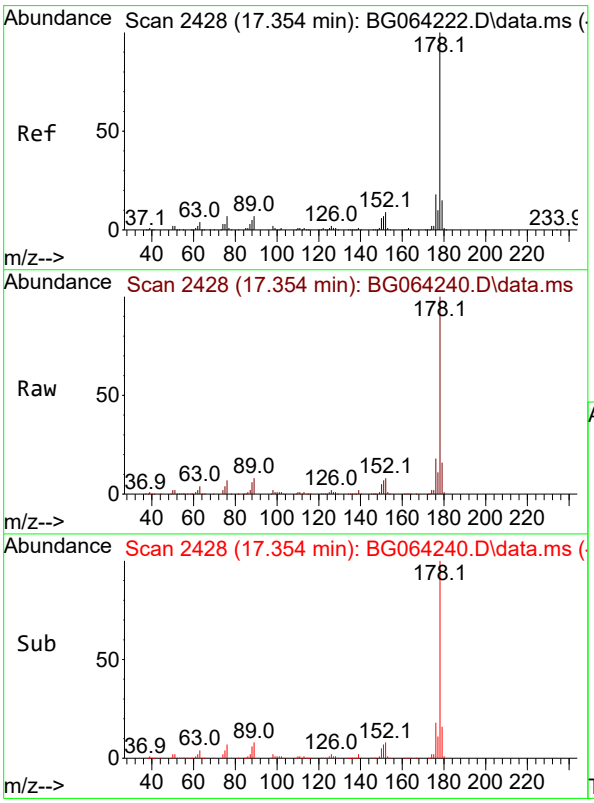
#71
Phenanthrene
Concen: 39.937 ng
RT: 17.266 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 596786

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.6	11.4	17.2

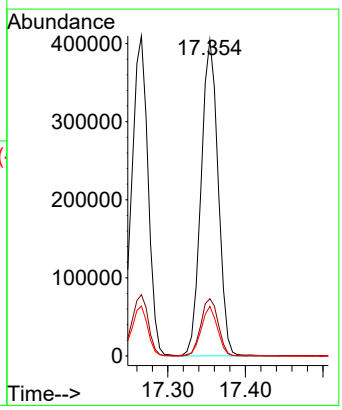


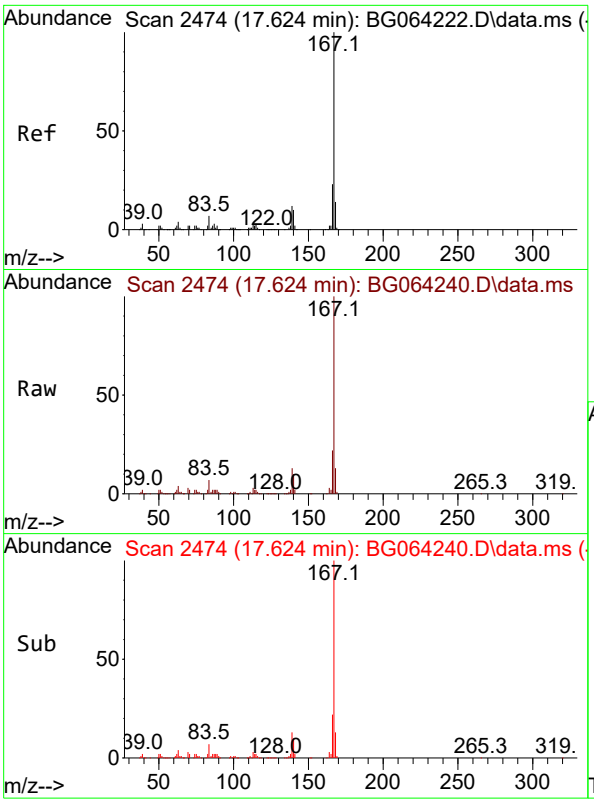


#72
Anthracene
Concen: 40.625 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:178 Resp: 617516

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.7	12.1	18.1



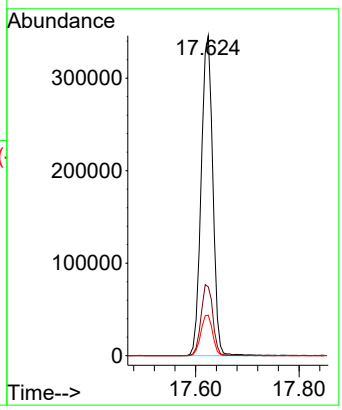


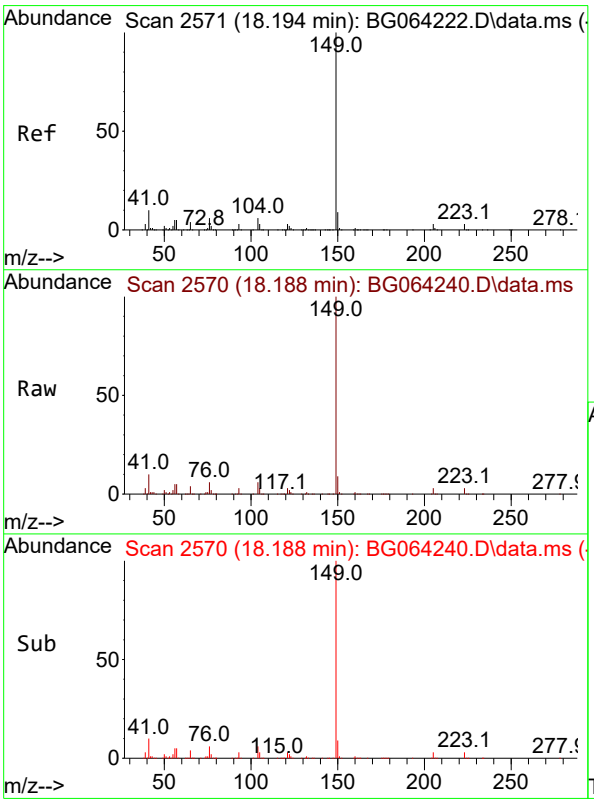
#73
Carbazole
Concen: 40.219 ng
RT: 17.624 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 538567

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.6	9.8	14.6

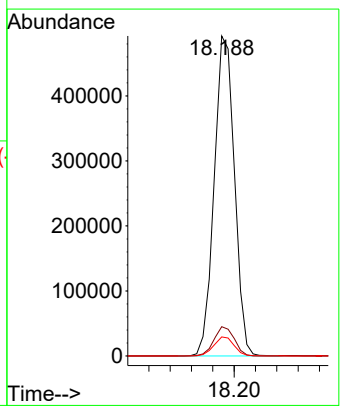


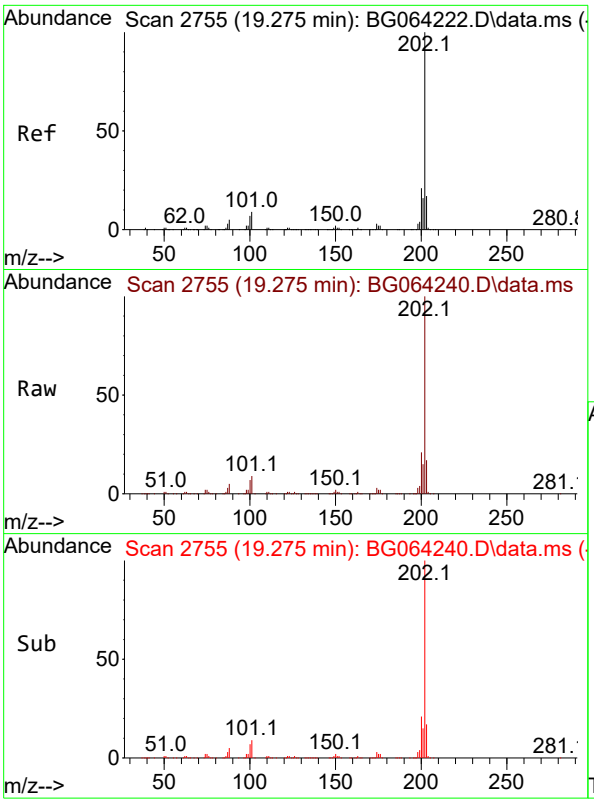


#74
Di-n-butylphthalate
Concen: 40.235 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:149 Resp: 647298

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.0	4.6	7.0



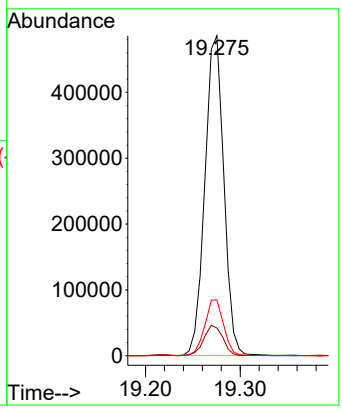


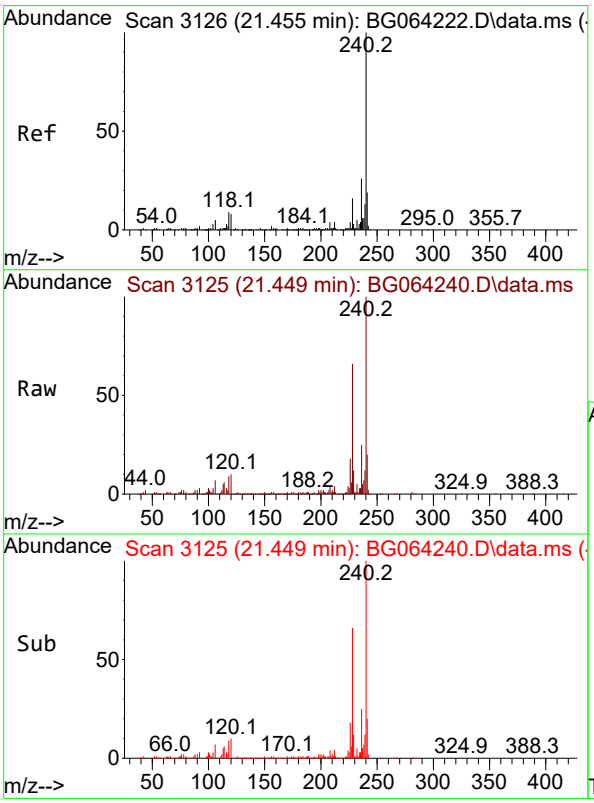
#75
Fluoranthene
Concen: 38.261 ng
RT: 19.275 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 672270

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	17.4	0.0	36.9

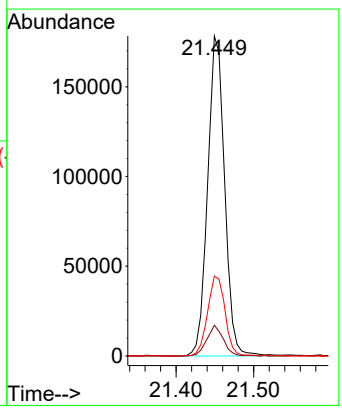


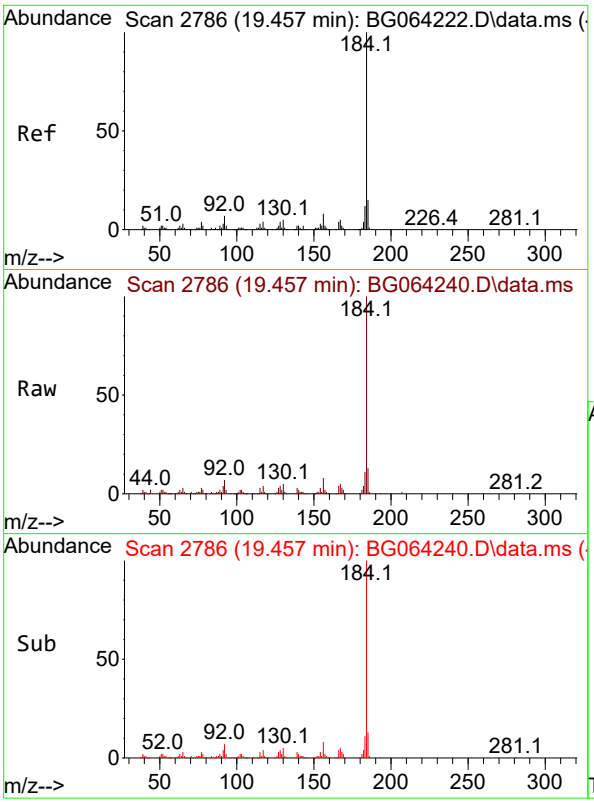


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:240 Resp: 271531

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.2	9.4#
236	25.0	20.5	30.7



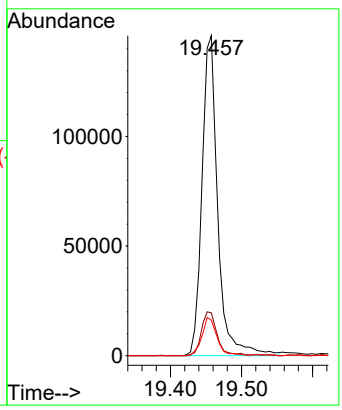


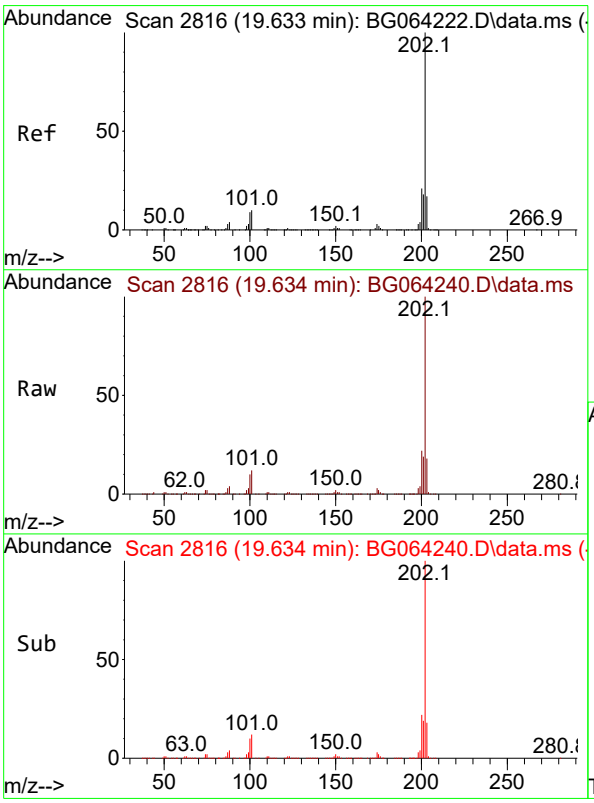
#77
Benzidine
Concen: 39.387 ng
RT: 19.457 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 224980

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.7	17.5
183	11.1	9.7	14.5

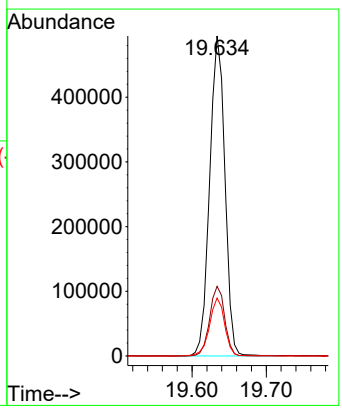


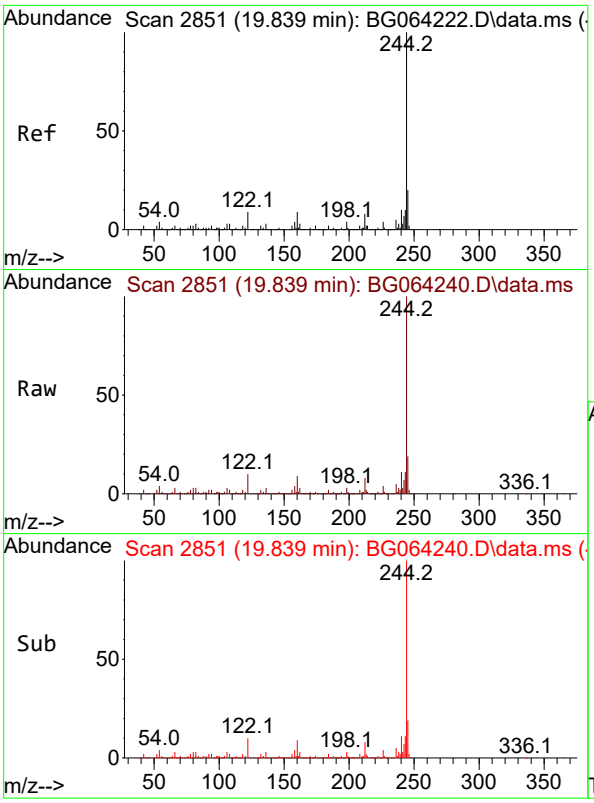


#78
Pyrene
Concen: 41.272 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:202 Resp: 706031

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.1	13.8	20.8



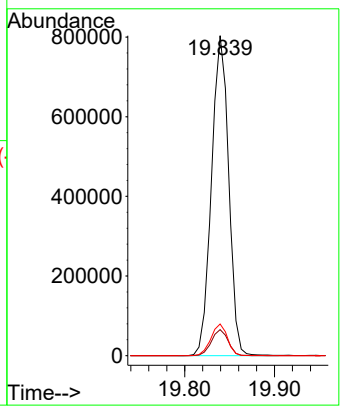


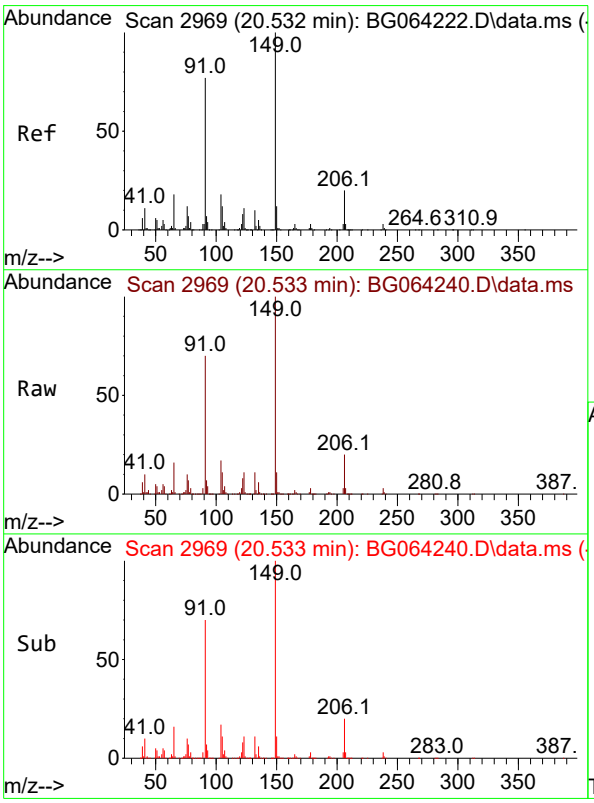
#79
Terphenyl-d14
Concen: 82.014 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1067377

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	9.9	7.0	10.6

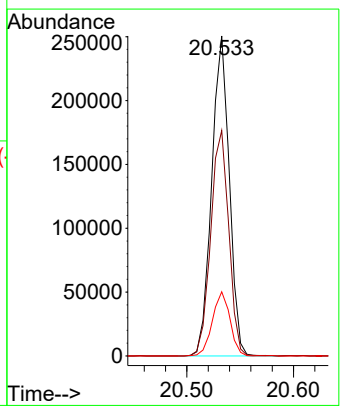


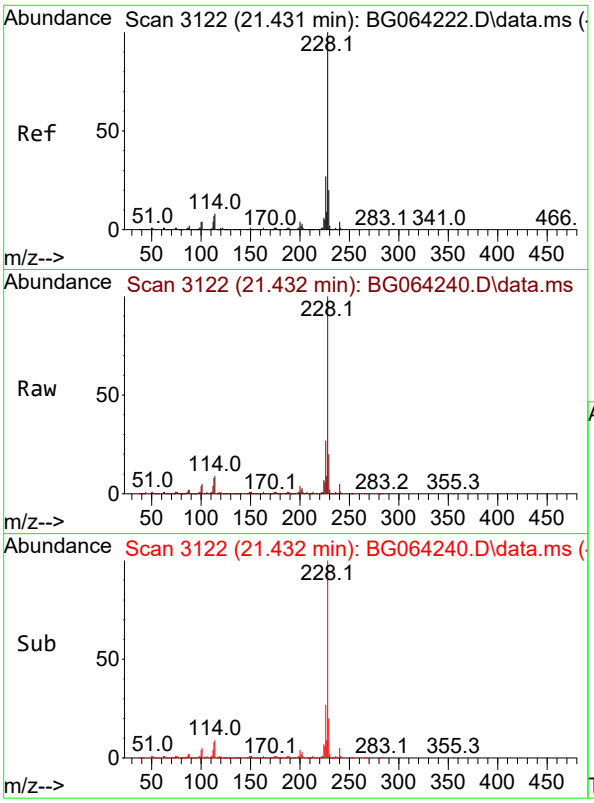


#80
Butylbenzylphthalate
Concen: 44.301 ng
RT: 20.533 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:149 Resp: 285838

Ion	Ratio	Lower	Upper
149	100		
91	70.5	61.4	92.0
206	20.1	15.8	23.6



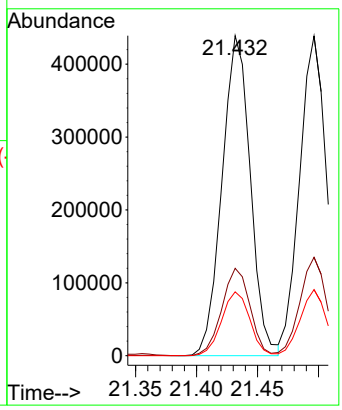


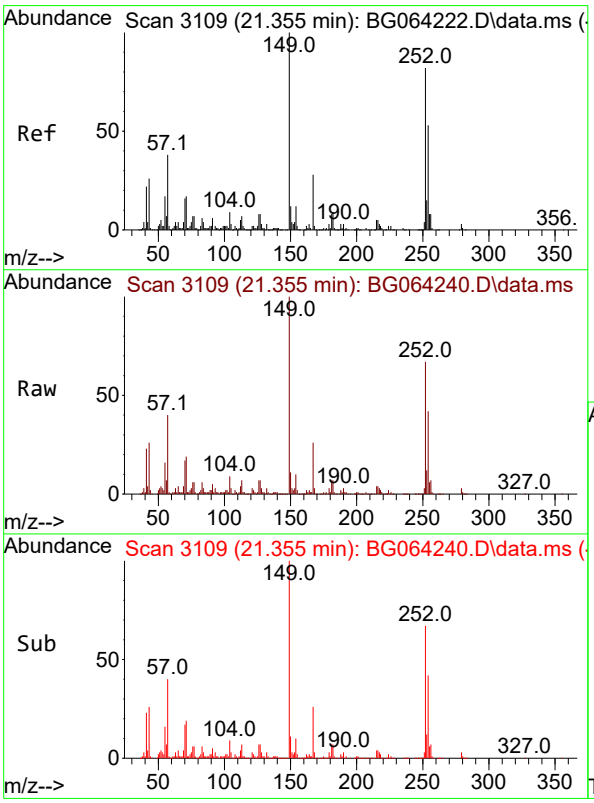
#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.432 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 709732

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.9	15.9	23.9

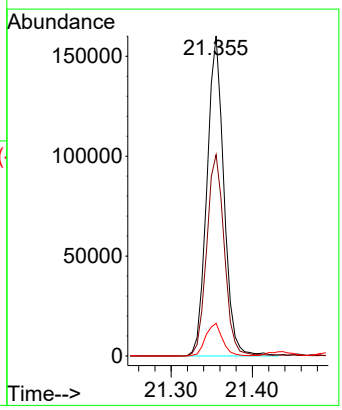


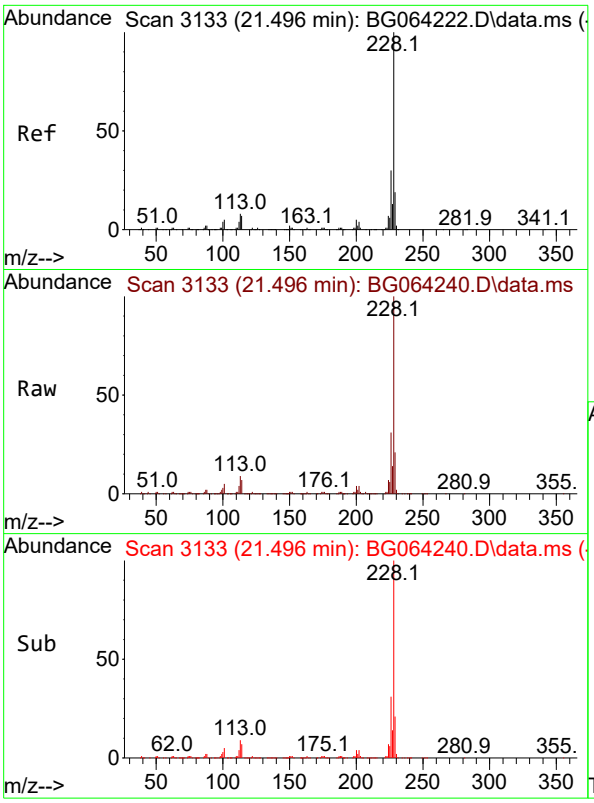


#82
3,3'-Dichlorobenzidine
Concen: 41.001 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:252 Resp: 231965

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	10.2	7.6	11.4



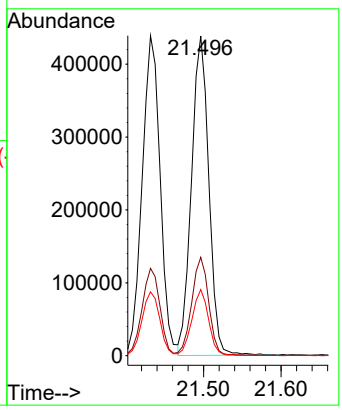


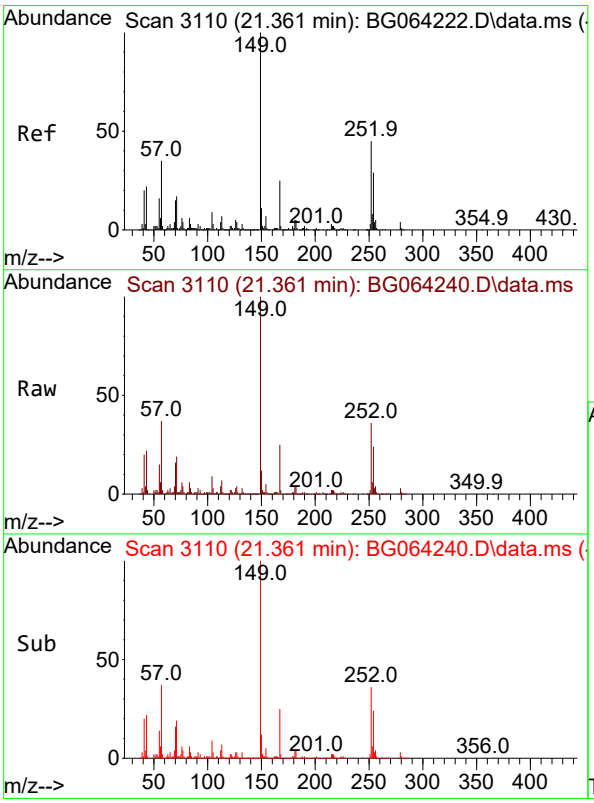
#83
Chrysene
Concen: 40.807 ng
RT: 21.496 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 680551

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.7	15.4	23.2

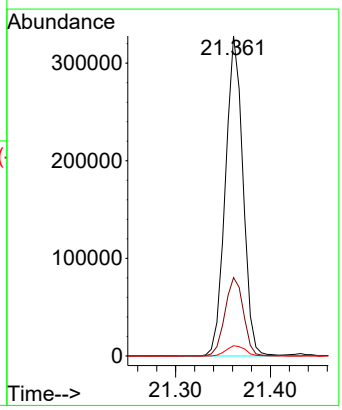


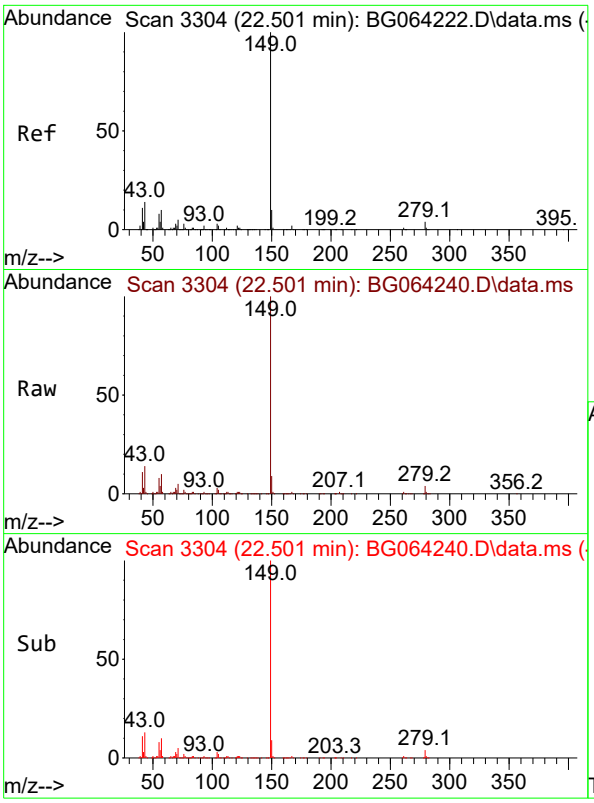


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.606 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:149 Resp: 422412

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.0	30.0
279	3.2	3.0	4.4



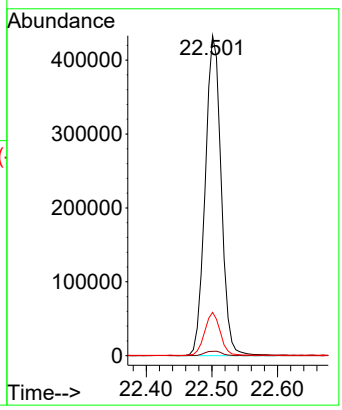


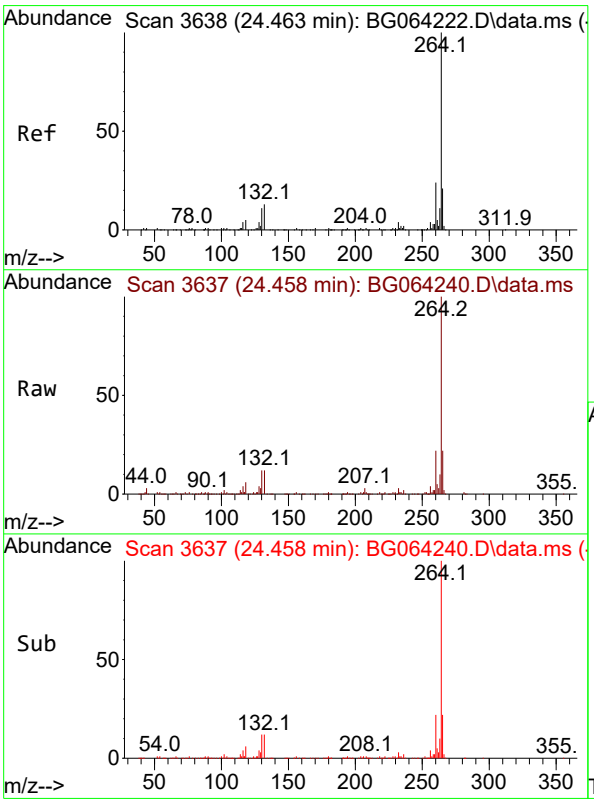
#85
Di-n-octyl phthalate
Concen: 43.442 ng
RT: 22.501 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 733251

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.1	10.8	16.2

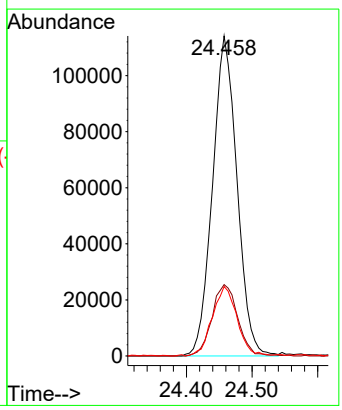


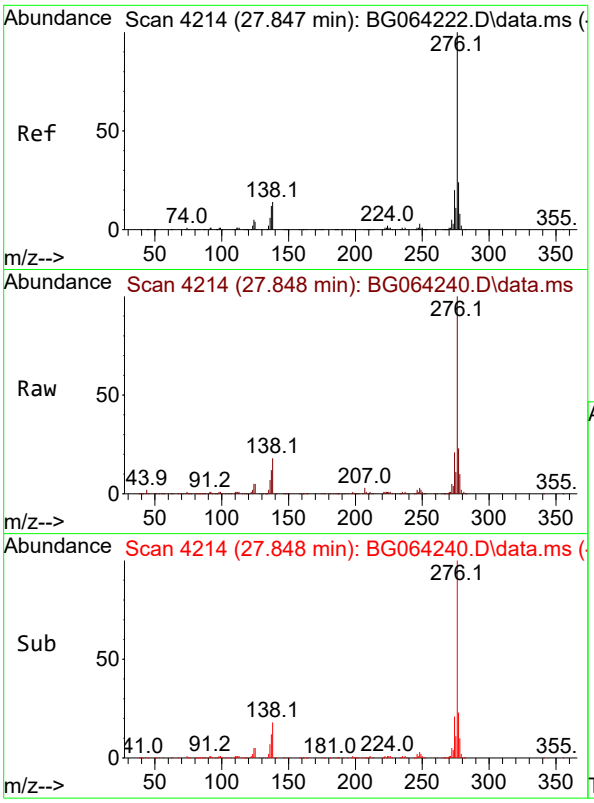


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:264 Resp: 295154

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	21.7	16.7	25.1



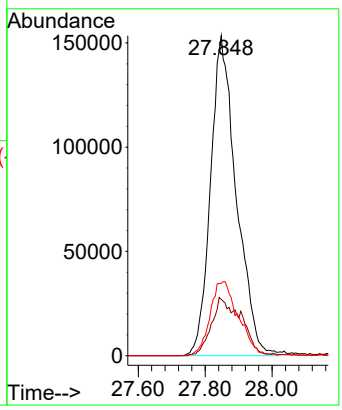


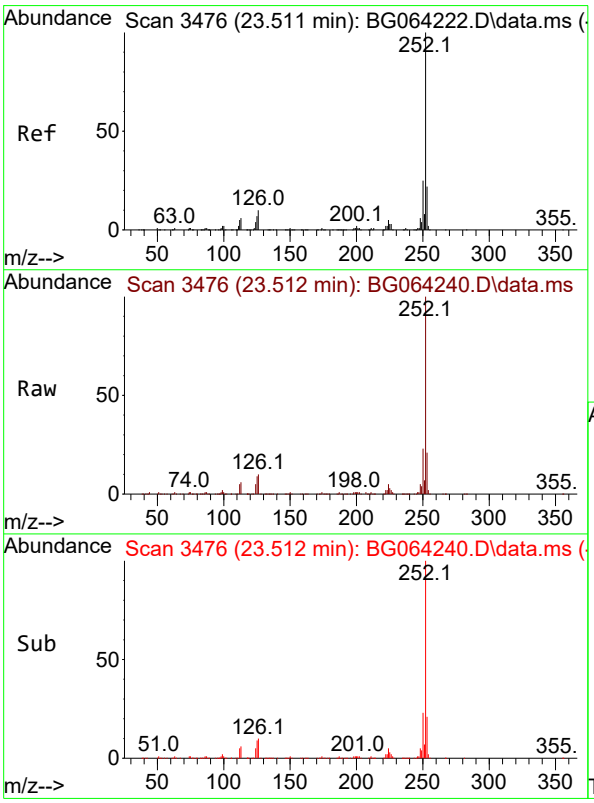
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.755 ng
RT: 27.848 min Scan# 4
Delta R.T. -0.023 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 821481

Ion	Ratio	Lower	Upper
276	100		
138	16.1	7.4	11.0#
277	25.2	20.5	30.7

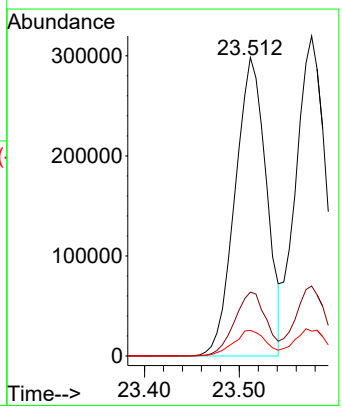


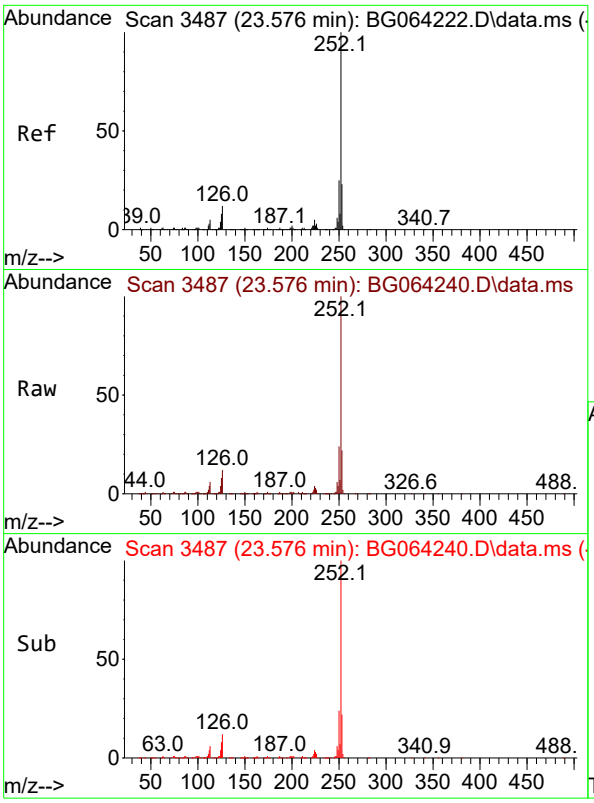


#88
Benzo(b)fluoranthene
Concen: 41.131 ng
RT: 23.512 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:252 Resp: 685172

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	8.6	5.9	8.9



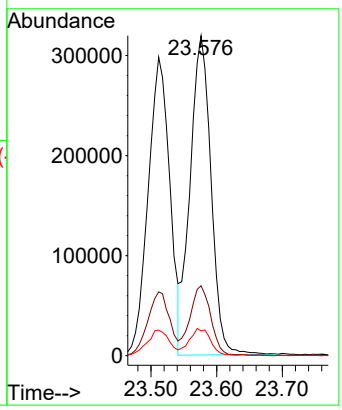


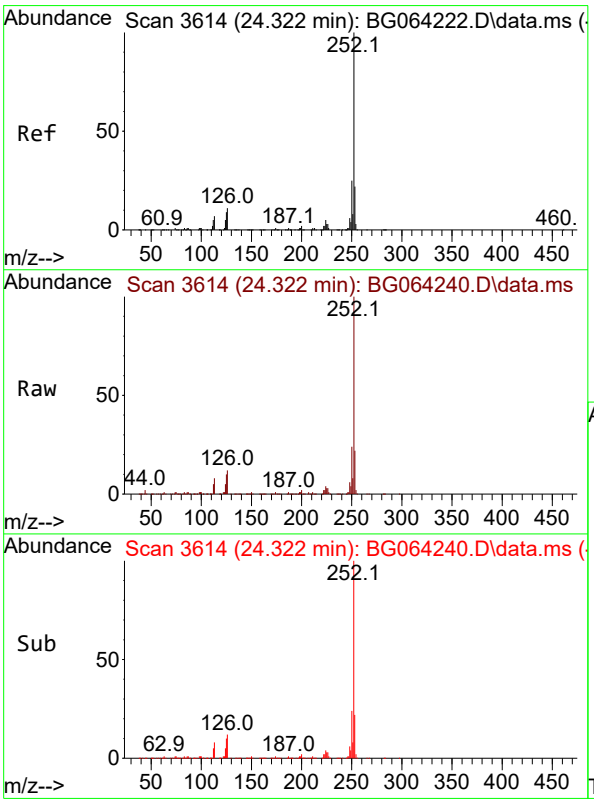
#89
Benzo(k)fluoranthene
Concen: 41.768 ng
RT: 23.576 min Scan# 34
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 708838

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	7.8	7.0	10.4

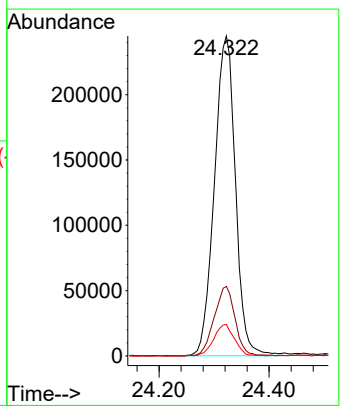


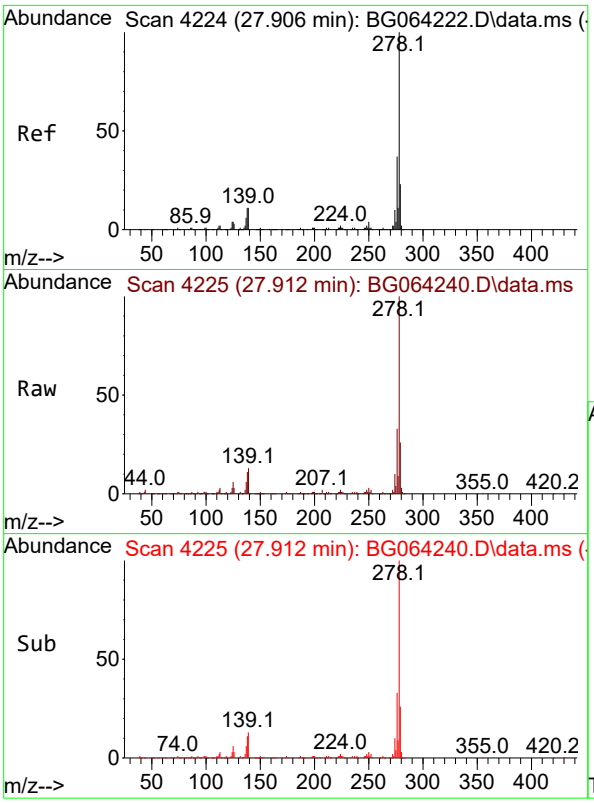


#90
Benzo(a)pyrene
Concen: 41.849 ng
RT: 24.322 min Scan# 3614
Delta R.T. -0.006 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:252 Resp: 648483

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.8	7.0	10.6



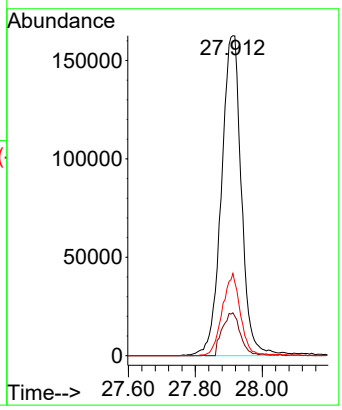


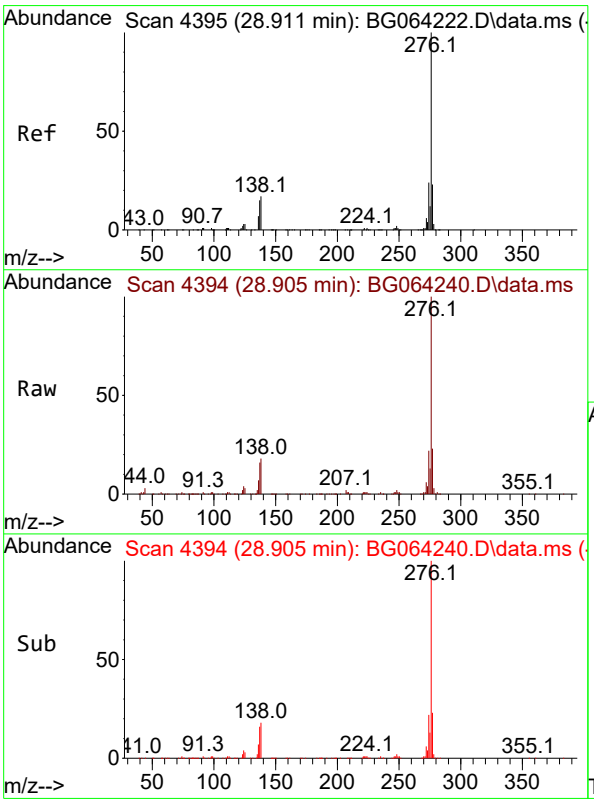
#91
Dibenzo(a,h)anthracene
Concen: 41.564 ng
RT: 27.912 min Scan# 4
Delta R.T. -0.012 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 672659

Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.0	13.4
279	25.7	18.8	28.2

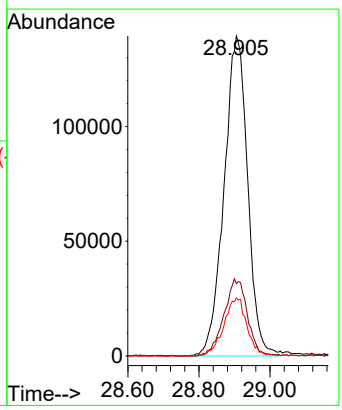




#92
Benzo(g,h,i)perylene
Concen: 40.757 ng
RT: 28.905 min Scan# 4394
Delta R.T. -0.029 min
Lab File: BG064240.D
Acq: 2 Sep 2025 11:10

Tgt Ion:276 Resp: 641827

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.2	27.4
138	18.1	13.3	19.9



Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	170#	0.00
2		1,4-Dioxane	0.465	0.501	-7.7	220#	0.00
3		Pyridine	1.368	1.416	-3.5	180#	0.00
4		n-Nitrosodimethylamine	0.905	0.887	2.0	164#	0.00
5	S	2-Fluorophenol	1.115	1.180	-5.8	182#	0.00
6		Aniline	2.118	2.137	-0.9	171#	0.00
7	S	Phenol-d6	1.532	1.622	-5.9	182#	0.00
8		2-Chlorophenol	1.362	1.390	-2.1	167#	0.00
9		Benzaldehyde	1.260	1.352	-7.3	167#	0.00
10	C	Phenol	1.688	1.767	-4.7	180#	0.00
11		bis(2-Chloroethyl)ether	1.269	1.308	-3.1	174#	0.00
12		1,3-Dichlorobenzene	1.449	1.451	-0.1	168#	0.00
13	C	1,4-Dichlorobenzene	1.463	1.498	-2.4	174#	0.00
14		1,2-Dichlorobenzene	1.412	1.453	-2.9	176#	0.00
15		Benzyl Alcohol	1.413	1.359	3.8	162#	0.00
16		2,2'-oxybis(1-Chloropropane	2.897	2.888	0.3	170#	0.00
17		2-Methylphenol	1.258	1.236	1.7	167#	0.00
18		Hexachloroethane	0.571	0.585	-2.5	171#	0.00
19	P	n-Nitroso-di-n-propylamine	1.172	1.137	3.0	161#	0.00
20		3+4-Methylphenols	1.749	1.690	3.4	169#	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	160#	0.00
22		Acetophenone	0.506	0.513	-1.4	163#	0.00
23	S	Nitrobenzene-d5	0.359	0.378	-5.3	165#	0.00
24		Nitrobenzene	0.375	0.388	-3.5	160#	0.00
25		Isophorone	0.745	0.720	3.4	154#	-0.01
26	C	2-Nitrophenol	0.162	0.171	-5.6	159#	0.00
27		2,4-Dimethylphenol	0.284	0.293	-3.2	158#	0.00
28		bis(2-Chloroethoxy)methane	0.402	0.411	-2.2	159#	0.00
29	C	2,4-Dichlorophenol	0.300	0.307	-2.3	158#	0.00
30		1,2,4-Trichlorobenzene	0.316	0.315	0.3	158#	0.00
31		Naphthalene	1.037	1.036	0.1	160#	0.00
32		Benzoic acid	0.226	0.225	0.4	150	-0.05
33		4-Chloroaniline	0.402	0.397	1.2	151#	0.00
34	C	Hexachlorobutadiene	0.234	0.224	4.3	151#	0.00
35		Caprolactam	0.116	0.100	13.8	130	-0.03
36	C	4-Chloro-3-methylphenol	0.389	0.372	4.4	150#	0.00
37		2-Methylnaphthalene	0.771	0.760	1.4	154#	0.00
38		1-Methylnaphthalene	0.761	0.727	4.5	150	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	147	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.602	-4.3	151#	0.00
41	P	Hexachlorocyclopentadiene	0.274	0.309	-12.8	165#	0.00
42	S	2,4,6-Tribromophenol	0.265	0.256	3.4	136	0.00
43	C	2,4,6-Trichlorophenol	0.386	0.406	-5.2	150#	0.00
44		2,4,5-Trichlorophenol	0.418	0.425	-1.7	144	0.00
45	S	2-Fluorobiphenyl	1.310	1.342	-2.4	148	0.00
46		1,1'-Biphenyl	1.457	1.512	-3.8	148	0.00
47		2-Chloronaphthalene	1.095	1.124	-2.6	148	0.00

Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.373	0.415	-11.3	148	0.00
49		Acenaphthylene	1.619	1.649	-1.9	144	0.00
50		Dimethylphthalate	1.514	1.444	4.6	136	0.00
51		2,6-Dinitrotoluene	0.293	0.296	-1.0	135	0.00
52	C	Acenaphthene	1.142	1.161	-1.7	145	0.00
53		3-Nitroaniline	0.307	0.313	-2.0	139	0.00
54	P	2,4-Dinitrophenol	0.163	0.173	-6.1	142	0.00
55		Dibenzofuran	1.797	1.767	1.7	141	0.00
56	P	4-Nitrophenol	0.252	0.246	2.4	126	-0.01
57		2,4-Dinitrotoluene	0.443	0.453	-2.3	137	0.00
58		Fluorene	1.473	1.425	3.3	137	0.00
59		2,3,4,6-Tetrachlorophenol	0.402	0.396	1.5	139	0.00
60		Diethylphthalate	1.620	1.490	8.0	129	0.00
61		4-Chlorophenyl-phenylether	0.734	0.706	3.8	137	0.00
62		4-Nitroaniline	0.313	0.318	-1.6	133	-0.01
63		Azobenzene	1.444	1.442	0.1	141	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	131	0.00
65		4,6-Dinitro-2-methylphenol	0.115	0.126	-9.6	139	0.00
66	c	n-Nitrosodiphenylamine	0.550	0.573	-4.2	133	0.00
67		4-Bromophenyl-phenylether	0.212	0.221	-4.2	134	0.00
68		Hexachlorobenzene	0.236	0.236	0.0	136	0.00
69		Atrazine	0.230	0.223	3.0	122	0.00
70	C	Pentachlorophenol	0.143	0.151	-5.6	130	0.00
71		Phenanthrene	1.055	1.053	0.2	127	0.00
72		Anthracene	1.073	1.090	-1.6	128	0.00
73		Carbazole	0.945	0.950	-0.5	124	0.00
74		Di-n-butylphthalate	1.136	1.142	-0.5	123	0.00
75	C	Fluoranthene	1.240	1.186	4.4	119	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.421	0.414	1.7	109	0.00
78		Pyrene	1.260	1.300	-3.2	117	0.00
79	S	Terphenyl-d14	0.959	0.983	-2.5	118	0.00
80		Butylbenzylphthalate	0.475	0.526	-10.7	125	0.00
81		Benzo(a)anthracene	1.280	1.307	-2.1	119	0.00
82		3,3'-Dichlorobenzidine	0.417	0.427	-2.4	117	0.00
83		Chrysene	1.228	1.253	-2.0	118	0.00
84		Bis(2-ethylhexyl)phthalate	0.714	0.778	-9.0	125	0.00
85	c	Di-n-octyl phthalate	1.243	1.350	-8.6	126	0.00
86	I	Perylene-d12	1.000	1.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	1.366	1.392	-1.9	117	-0.02
88		Benzo(b)fluoranthene	1.129	1.161	-2.8	117	0.00
89		Benzo(k)fluoranthene	1.150	1.201	-4.4	124	-0.01
90	C	Benzo(a)pyrene	1.050	1.099	-4.7	120	0.00
91		Dibenzo(a,h)anthracene	1.097	1.140	-3.9	119	-0.01
92		Benzo(g,h,i)perylene	1.067	1.087	-1.9	119	-0.03

Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	170	0.00
2		1,4-Dioxane	40.000	43.108	-7.8	220	0.00
3		Pyridine	40.000	41.406	-3.5	180	0.00
4		n-Nitrosodimethylamine	40.000	39.232	1.9	164	0.00
5	S	2-Fluorophenol	80.000	84.703	-5.9	182	0.00
6		Aniline	40.000	40.369	-0.9	171	0.00
7	S	Phenol-d6	80.000	84.727	-5.9	182	0.00
8		2-Chlorophenol	40.000	40.827	-2.1	167	0.00
9		Benzaldehyde	40.000	42.902	-7.3	167	0.00
10	C	Phenol	40.000	41.848	-4.6	180	0.00
11		bis(2-Chloroethyl)ether	40.000	41.240	-3.1	174	0.00
12		1,3-Dichlorobenzene	40.000	40.038	-0.1	168	0.00
13	C	1,4-Dichlorobenzene	40.000	40.973	-2.4	174	0.00
14		1,2-Dichlorobenzene	40.000	41.164	-2.9	176	0.00
15		Benzyl Alcohol	40.000	38.476	3.8	162	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.881	0.3	170	0.00
17		2-Methylphenol	40.000	39.292	1.8	167	0.00
18		Hexachloroethane	40.000	40.968	-2.4	171	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.806	3.0	161	0.00
20		3+4-Methylphenols	40.000	38.667	3.3	169	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	160	0.00
22		Acetophenone	40.000	40.573	-1.4	163	0.00
23	S	Nitrobenzene-d5	80.000	84.237	-5.3	165	0.00
24		Nitrobenzene	40.000	41.449	-3.6	160	0.00
25		Isophorone	40.000	38.627	3.4	154	-0.01
26	C	2-Nitrophenol	40.000	42.204	-5.5	159	0.00
27		2,4-Dimethylphenol	40.000	41.240	-3.1	158	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.953	-2.4	159	0.00
29	C	2,4-Dichlorophenol	40.000	40.880	-2.2	158	0.00
30		1,2,4-Trichlorobenzene	40.000	39.842	0.4	158	0.00
31		Naphthalene	40.000	39.952	0.1	160	0.00
32		Benzoic acid	40.000	39.889	0.3	150	-0.05
33		4-Chloroaniline	40.000	39.519	1.2	151	0.00
34	C	Hexachlorobutadiene	40.000	38.415	4.0	151	0.00
35		Caprolactam	40.000	34.557	13.6	130	-0.03
36	C	4-Chloro-3-methylphenol	40.000	38.256	4.4	150	0.00
37		2-Methylnaphthalene	40.000	39.440	1.4	154	0.00
38		1-Methylnaphthalene	40.000	38.207	4.5	150	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	147	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.696	-4.2	151	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.129	-12.8	165	0.00
42	S	2,4,6-Tribromophenol	80.000	77.164	3.5	136	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.067	-5.2	150	0.00
44		2,4,5-Trichlorophenol	40.000	40.587	-1.5	144	0.00
45	S	2-Fluorobiphenyl	80.000	81.947	-2.4	148	0.00
46		1,1'-Biphenyl	40.000	41.507	-3.8	148	0.00
47		2-Chloronaphthalene	40.000	41.050	-2.6	148	0.00

Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.470	-11.2	148	0.00
49		Acenaphthylene	40.000	40.734	-1.8	144	0.00
50		Dimethylphthalate	40.000	38.151	4.6	136	0.00
51		2,6-Dinitrotoluene	40.000	40.428	-1.1	135	0.00
52	C	Acenaphthene	40.000	40.667	-1.7	145	0.00
53		3-Nitroaniline	40.000	40.753	-1.9	139	0.00
54	P	2,4-Dinitrophenol	40.000	39.142	2.1	142	0.00
55		Dibenzofuran	40.000	39.337	1.7	141	0.00
56	P	4-Nitrophenol	40.000	39.109	2.2	126	-0.01
57		2,4-Dinitrotoluene	40.000	40.888	-2.2	137	0.00
58		Fluorene	40.000	38.704	3.2	137	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.384	1.5	139	0.00
60		Diethylphthalate	40.000	36.786	8.0	129	0.00
61		4-Chlorophenyl-phenylether	40.000	38.449	3.9	137	0.00
62		4-Nitroaniline	40.000	40.644	-1.6	133	-0.01
63		Azobenzene	40.000	39.956	0.1	141	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	131	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.890	-9.7	139	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.658	-4.1	133	0.00
67		4-Bromophenyl-phenylether	40.000	41.691	-4.2	134	0.00
68		Hexachlorobenzene	40.000	40.017	-0.0	136	0.00
69		Atrazine	40.000	38.838	2.9	122	0.00
70	C	Pentachlorophenol	40.000	42.365	-5.9	130	0.00
71		Phenanthrene	40.000	39.937	0.2	127	0.00
72		Anthracene	40.000	40.625	-1.6	128	0.00
73		Carbazole	40.000	40.219	-0.5	124	0.00
74		Di-n-butylphthalate	40.000	40.235	-0.6	123	0.00
75	C	Fluoranthene	40.000	38.261	4.3	119	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77		Benzidine	40.000	39.387	1.5	109	0.00
78		Pyrene	40.000	41.272	-3.2	117	0.00
79	S	Terphenyl-d14	80.000	82.014	-2.5	118	0.00
80		Butylbenzylphthalate	40.000	44.301	-10.8	125	0.00
81		Benzo(a)anthracene	40.000	40.856	-2.1	119	0.00
82		3,3'-Dichlorobenzidine	40.000	41.001	-2.5	117	0.00
83		Chrysene	40.000	40.807	-2.0	118	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.606	-9.0	125	0.00
85	c	Di-n-octyl phthalate	40.000	43.442	-8.6	126	0.00
86	I	Perylene-d12	20.000	20.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.755	-1.9	117	-0.02
88		Benzo(b)fluoranthene	40.000	41.131	-2.8	117	0.00
89		Benzo(k)fluoranthene	40.000	41.768	-4.4	124	-0.01
90	C	Benzo(a)pyrene	40.000	41.849	-4.6	120	0.00
91		Dibenzo(a,h)anthracene	40.000	41.564	-3.9	119	-0.01
92		Benzo(g,h,i)perylene	40.000	40.757	-1.9	119	-0.03

Sample Results: **BG064240.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025637.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: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date/Time: 09/02/2025 14:07

Lab File ID: BP025637.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.198		-0.5	
Benzaldehyde	1.082	1.314		21.4	
Phenol-d6	1.544	1.531		-0.8	
Phenol	1.620	1.598		-1.4	20.0
bis(2-Chloroethyl)ether	1.263	1.243		-1.6	
2-Chlorophenol	1.359	1.340		-1.4	
2-Methylphenol	1.125	1.100		-2.2	
2,2-oxybis(1-Chloropropane)	1.692	1.732		2.4	
Acetophenone	0.502	0.502		0.0	
3+4-Methylphenols	1.560	1.488		-4.6	
n-Nitroso-di-n-propylamine	1.023	0.985	0.050	-3.7	
Nitrobenzene-d5	0.395	0.404		2.3	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.364		3.1	
Isophorone	0.700	0.683		-2.4	
2-Nitrophenol	0.181	0.188		3.9	20.0
2,4-Dimethylphenol	0.312	0.305		-2.2	
bis(2-Chloroethoxy)methane	0.423	0.411		-2.8	
2,4-Dichlorophenol	0.310	0.297		-4.2	20.0
Naphthalene	1.040	1.017		-2.2	
4-Chloroaniline	0.459	0.443		-3.5	
Hexachlorobutadiene	0.211	0.213		0.9	20.0
Caprolactam	0.114	0.108		-5.3	
4-Chloro-3-methylphenol	0.355	0.345		-2.8	20.0
2-Methylnaphthalene	0.676	0.649		-4.0	
Hexachlorocyclopentadiene	0.349	0.328	0.050	-6.0	
2,4,6-Trichlorophenol	0.390	0.391		0.3	20.0
2-Fluorobiphenyl	1.463	1.440		-1.6	
2,4,5-Trichlorophenol	0.427	0.425		-0.5	
1,1-Biphenyl	1.453	1.437		-1.1	
2-Chloronaphthalene	1.131	1.113		-1.6	
2-Nitroaniline	0.329	0.349		6.1	
Dimethylphthalate	1.465	1.429		-2.5	
Acenaphthylene	1.871	1.833		-2.0	
2,6-Dinitrotoluene	0.309	0.304		-1.6	
3-Nitroaniline	0.347	0.335		-3.5	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.177	0.050	7.3	
4-Nitrophenol	0.285	0.240	0.050	-15.8	

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:	CORE02
Lab Code:	ACE	SDG No.:	Q2994
Instrument ID:	BNA_P	Calibration Date/Time:	09/02/2025 14:07
Lab File ID:	BP025637.D	Init. Calib. Date(s):	08/14/2025 08/14/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.435		-1.1	
Diethylphthalate	1.488	1.410		-5.2	
4-Chlorophenyl-phenylether	0.681	0.657		-3.5	
Fluorene	1.370	1.322		-3.5	
4-Nitroaniline	0.356	0.345		-3.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.622		2.0	20.0
2,4,6-Tribromophenol	0.269	0.275		2.2	
4-Bromophenyl-phenylether	0.220	0.229		4.1	
Hexachlorobenzene	0.255	0.267		4.7	
Atrazine	0.228	0.227		-0.4	
Pentachlorophenol	0.161	0.163		1.2	20.0
Phenanthrene	1.099	1.097		-0.2	
Anthracene	1.122	1.135		1.2	
Carbazole	1.057	1.059		0.2	
Di-n-butylphthalate	1.300	1.297		-0.2	
Fluoranthene	1.311	1.300		-0.8	20.0
Pyrene	1.300	1.299		-0.1	
Terphenyl-d14	1.093	1.116		2.1	
Butylbenzylphthalate	0.589	0.585		-0.7	
3,3-Dichlorobenzidine	0.497	0.465		-6.4	
Benzo(a)anthracene	1.319	1.297		-1.7	
Chrysene	1.235	1.246		0.9	
Bis(2-ethylhexyl)phthalate	0.867	0.838		-3.3	
Di-n-octyl phthalate	1.492	1.469		-1.5	20.0
Benzo(b)fluoranthene	1.179	1.162		-1.4	
Benzo(k)fluoranthene	1.180	1.165		-1.3	
Benzo(a)pyrene	1.148	1.135		-1.1	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.441		-1.8	
Dibenzo(a,h)anthracene	1.199	1.186		-1.1	
Benzo(g,h,i)perylene	1.178	1.160		-1.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.584		1.0	
1,4-Dioxane	0.472	0.451		-4.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.375		-0.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	197399	20.000	ng		-0.02
21) Naphthalene-d8	10.537	136	799046	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	505529	20.000	ng		-0.02
64) Phenanthrene-d10	17.190	188	949320	20.000	ng		-0.01
76) Chrysene-d12	21.625	240	971561	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1105926	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	945776	79.567	ng		-0.01
7) Phenol-d6	6.967	99	1209236	79.349	ng		0.00
23) Nitrobenzene-d5	8.919	82	1291279	81.747	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	555176	81.590	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	2912702	78.744	ng		-0.02
79) Terphenyl-d14	19.907	244	4335368	81.640	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	178045	38.241	ng		96
3) Pyridine	3.720	79	500756	39.295	ng		96
4) n-Nitrosodimethylamine	3.626	42	232103	44.178	ng		93
6) Aniline	7.108	93	815497	39.717	ng		98
8) 2-Chlorophenol	7.355	128	529026	39.440	ng		97
9) Benzaldehyde	6.925	77	518596	48.571	ng		95
10) Phenol	6.990	94	631026	39.461	ng		97
11) bis(2-Chloroethyl)ether	7.202	93	490888	39.385	ng		98
12) 1,3-Dichlorobenzene	7.667	146	591949	40.022	ng		98
13) 1,4-Dichlorobenzene	7.808	146	591013	39.095	ng		100
14) 1,2-Dichlorobenzene	8.119	146	577695	39.476	ng		99
15) Benzyl Alcohol	8.008	79	477629	39.445	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.290	45	683778	40.953	ng		99
17) 2-Methylphenol	8.214	107	434304	39.105	ng		98
18) Hexachloroethane	8.843	117	223759	40.256	ng		98
19) n-Nitroso-di-n-propyla...	8.572	70	388695	38.506	ng		97
20) 3+4-Methylphenols	8.543	107	587376	38.154	ng		97
22) Acetophenone	8.590	105	801506	39.998	ng	#	98
24) Nitrobenzene	8.961	77	581984	41.226	ng		100
25) Isophorone	9.478	82	1091366	39.040	ng		99
26) 2-Nitrophenol	9.661	139	300033	41.413	ng		98
27) 2,4-Dimethylphenol	9.725	122	487393	39.119	ng		99
28) bis(2-Chloroethoxy)met...	9.949	93	656676	38.861	ng		100
29) 2,4-Dichlorophenol	10.202	162	475132	38.389	ng		98
30) 1,2,4-Trichlorobenzene	10.408	180	536315	39.529	ng		99
31) Naphthalene	10.590	128	1624586	39.118	ng		99
32) Benzoic acid	9.890	122	344100	37.409	ng		97
33) 4-Chloroaniline	10.696	127	708687	38.631	ng		99
34) Hexachlorobutadiene	10.872	225	340482	40.295	ng		99
35) Caprolactam	11.490	113	171939	37.886	ng		95
36) 4-Chloro-3-methylphenol	11.831	107	550962	38.794	ng		98
37) 2-Methylnaphthalene	12.196	142	1036465	38.349	ng		99
38) 1-Methylnaphthalene	12.413	142	1086915	37.816	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	590554	40.448	ng		99
41) Hexachlorocyclopentadiene	12.549	237	331436	37.582	ng		100
43) 2,4,6-Trichlorophenol	12.807	196	395373	40.112	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

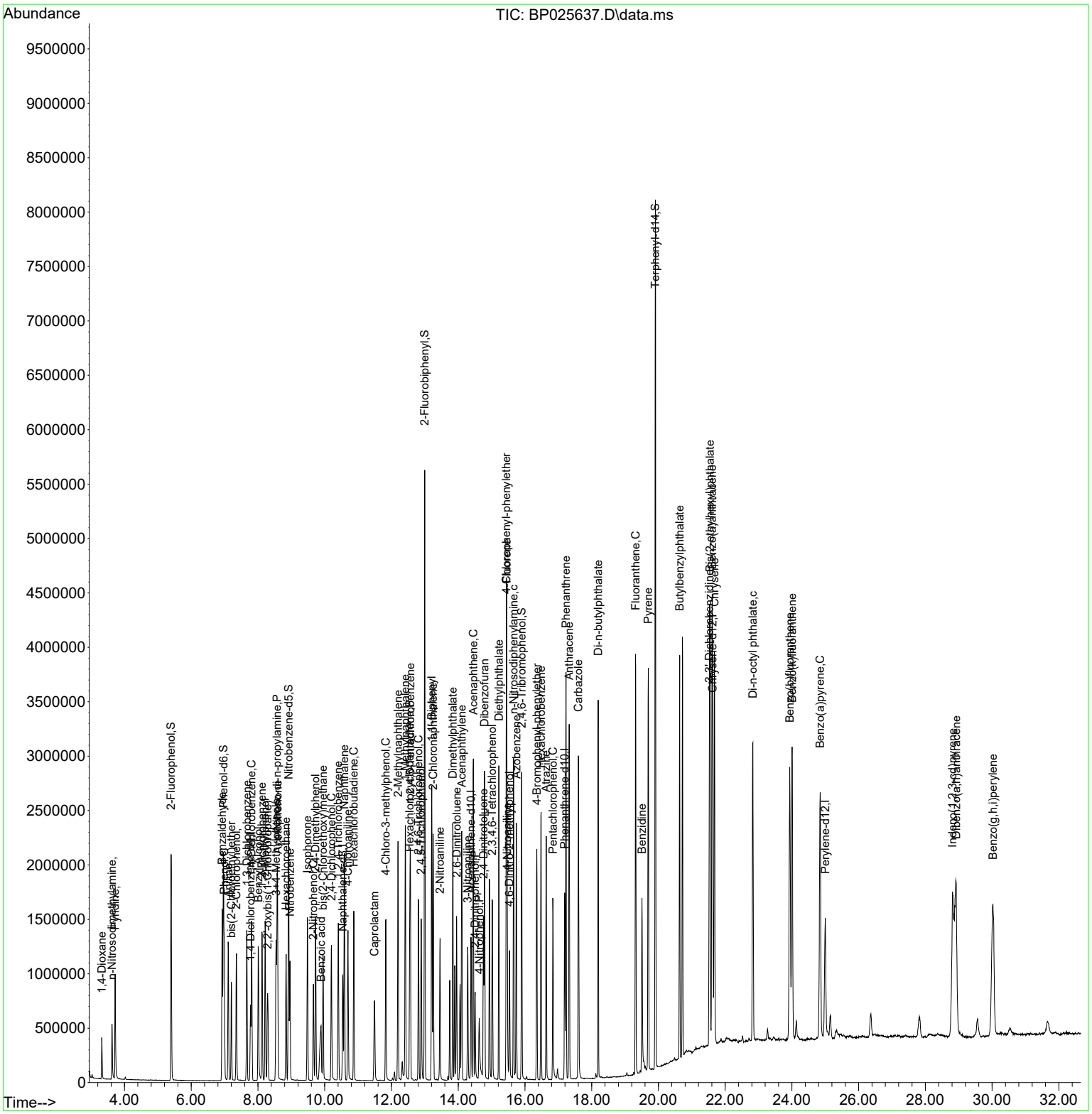
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	429628	39.770	ng	99
46) 1,1'-Biphenyl	13.207	154	1452546	39.563	ng	99
47) 2-Chloronaphthalene	13.249	162	1125023	39.362	ng	99
48) 2-Nitroaniline	13.454	65	352986	42.385	ng	98
49) Acenaphthylene	14.107	152	1853648	39.193	ng	100
50) Dimethylphthalate	13.837	163	1444423	39.018	ng	100
51) 2,6-Dinitrotoluene	13.954	165	307812	39.450	ng	99
52) Acenaphthene	14.454	154	1057829	38.105	ng	99
53) 3-Nitroaniline	14.284	138	338266	38.533	ng	94
54) 2,4-Dinitrophenol	14.507	184	179284	43.027	ng	97
55) Dibenzofuran	14.790	168	1687117	38.439	ng	100
56) 4-Nitrophenol	14.631	139	243104	33.700	ng	91
57) 2,4-Dinitrotoluene	14.760	165	439695	39.497	ng	99
58) Fluorene	15.454	166	1336736	38.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	379446	39.780	ng	99
60) Diethylphthalate	15.219	149	1425161	37.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.443	204	663915	38.546	ng	97
62) 4-Nitroaniline	15.472	138	348408	38.714	ng	97
63) Azobenzene	15.743	77	1306891	40.576	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	268775	45.420	ng	93
66) n-Nitrosodiphenylamine	15.660	169	1181762	40.823	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	434858	41.650	ng	96
68) Hexachlorobenzene	16.484	284	506288	41.832	ng	95
69) Atrazine	16.637	200	431851	39.834	ng	98
70) Pentachlorophenol	16.837	266	309843	40.555	ng	97
71) Phenanthrene	17.231	178	2082253	39.929	ng	99
72) Anthracene	17.325	178	2155419	40.474	ng	100
73) Carbazole	17.601	167	2009995	40.070	ng	99
74) Di-n-butylphthalate	18.195	149	2463156	39.912	ng	100
75) Fluoranthene	19.313	202	2468240	39.679	ng	98
77) Benzidine	19.507	184	1194960	36.039	ng	99
78) Pyrene	19.695	202	2523442	39.960	ng	100
80) Butylbenzylphthalate	20.636	149	1137207	39.735	ng	98
81) Benzo(a)anthracene	21.607	228	2520943	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.525	252	902655	37.375	ng	99
83) Chrysene	21.678	228	2421498	40.354	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1628412	38.652	ng	100
85) Di-n-octyl phthalate	22.830	149	2855159	39.401	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	3187732	39.304	ng	100
88) Benzo(b)fluoranthene	23.936	252	2570108	39.411	ng	99
89) Benzo(k)fluoranthene	24.007	252	2575849	39.472	ng	99
90) Benzo(a)pyrene	24.848	252	2510169	39.543	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2622752	39.572	ng	97
92) Benzo(g,h,i)perylene	30.024	276	2565656	39.380	ng	98

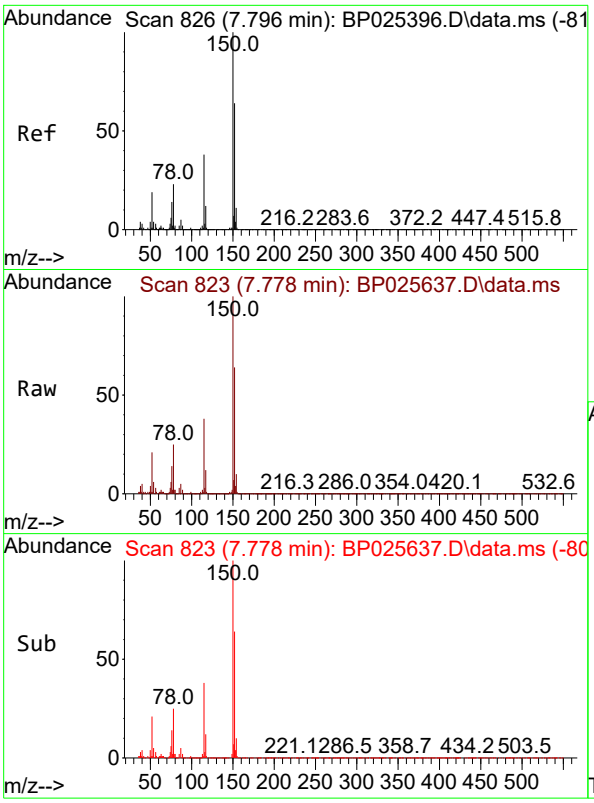
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



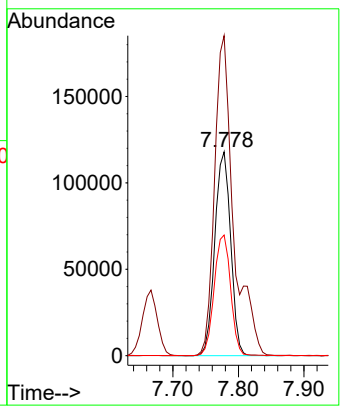


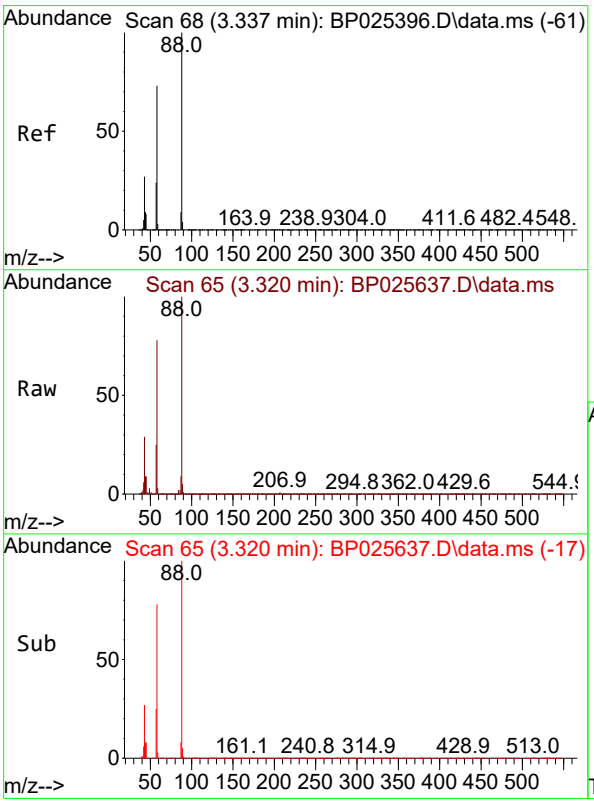
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 197399

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.9	188.9
115	59.2	48.5	72.7

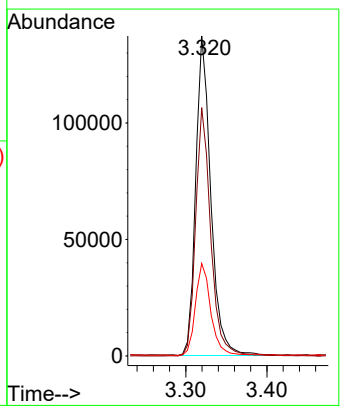


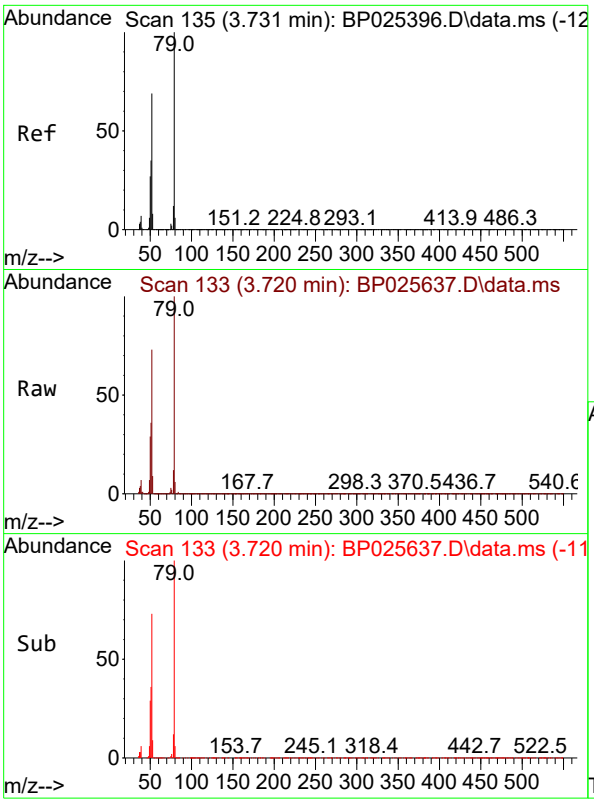


#2
1,4-Dioxane
Concen: 38.241 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 88 Resp: 178045

Ion	Ratio	Lower	Upper
88	100		
58	77.5	59.2	88.8
43	29.0	21.7	32.5



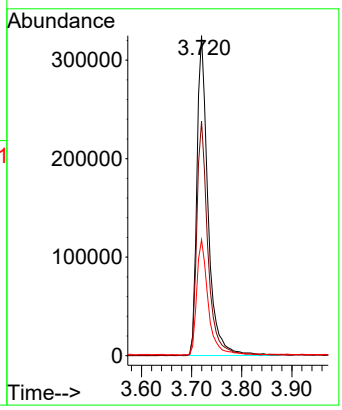


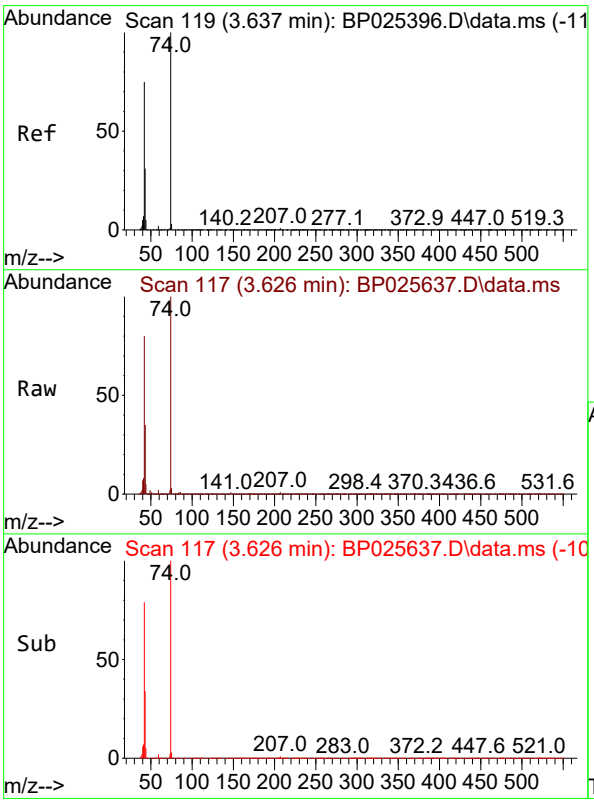
#3
Pyridine
Concen: 39.295 ng
RT: 3.720 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 500756

Ion	Ratio	Lower	Upper
79	100		
52	73.2	55.5	83.3
51	36.2	28.3	42.5

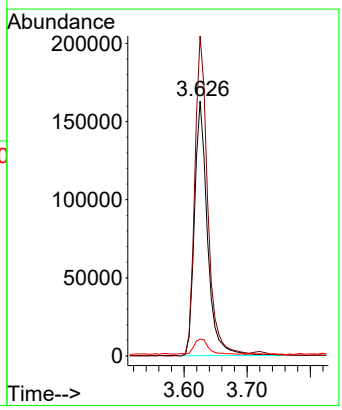


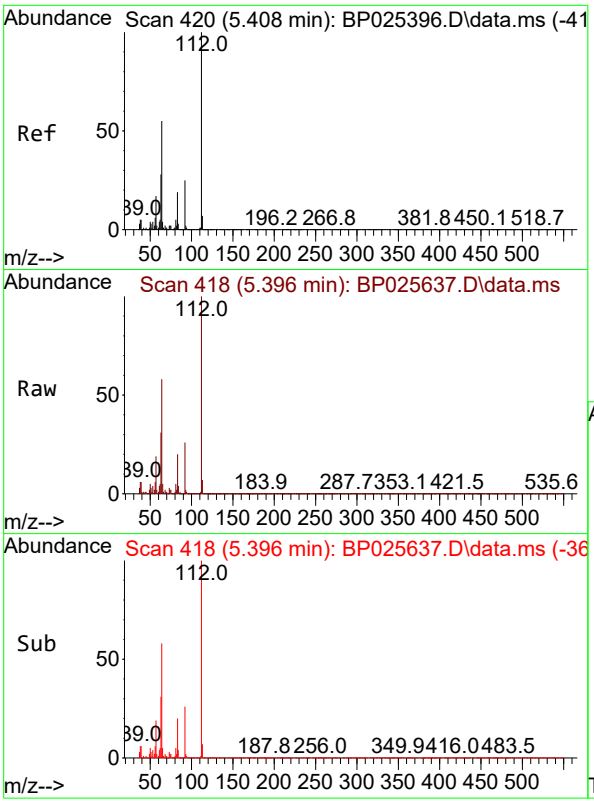


#4
n-Nitrosodimethylamine
Concen: 44.178 ng
RT: 3.626 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 42 Resp: 232103

Ion	Ratio	Lower	Upper
42	100		
74	125.5	107.0	160.4
44	6.6	6.2	9.4



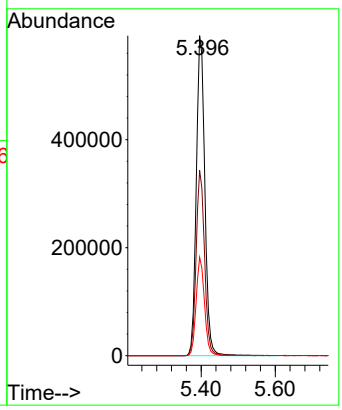


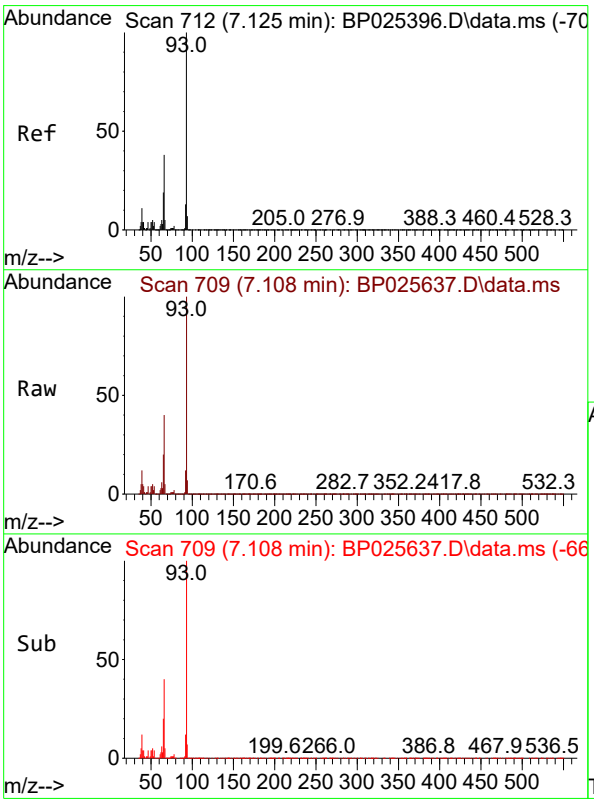
#5
2-Fluorophenol
Concen: 79.567 ng
RT: 5.396 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 945776

Ion	Ratio	Lower	Upper
112	100		
64	57.9	43.8	65.8
63	30.8	22.7	34.1

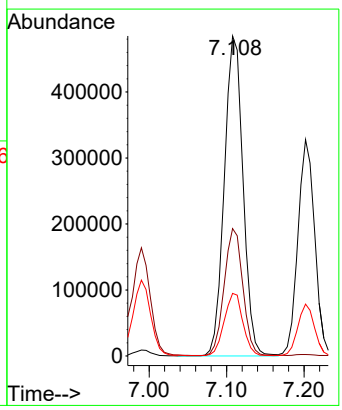


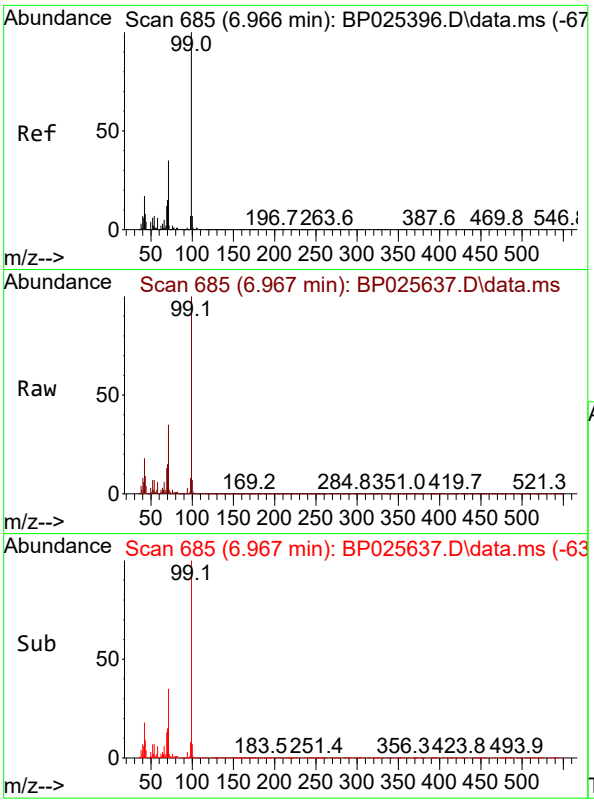


#6
Aniline
Concen: 39.717 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 93 Resp: 815497

Ion	Ratio	Lower	Upper
93	100		
66	39.8	30.4	45.6
65	19.6	15.3	22.9



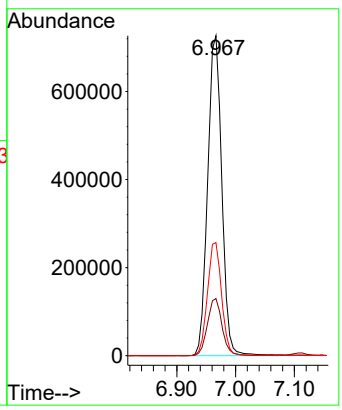


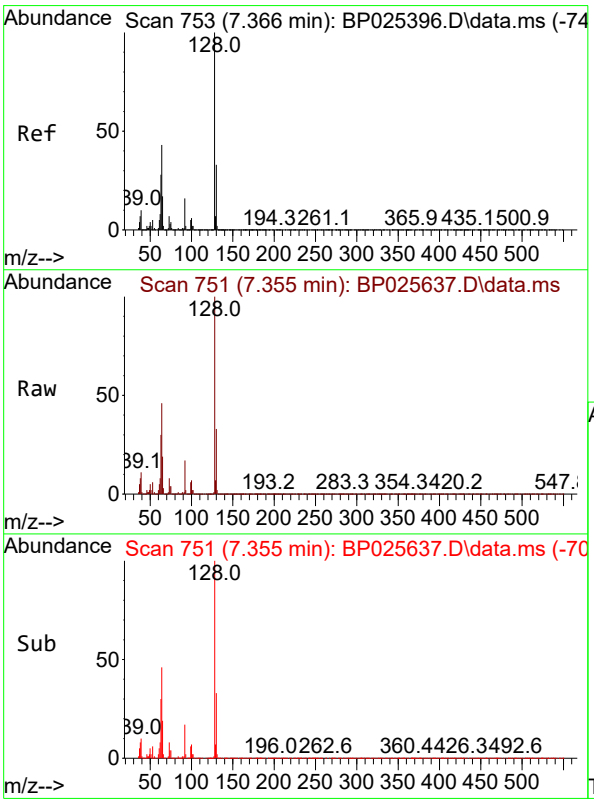
#7
Phenol-d6
Concen: 79.349 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1209236

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	35.4	28.2	42.4

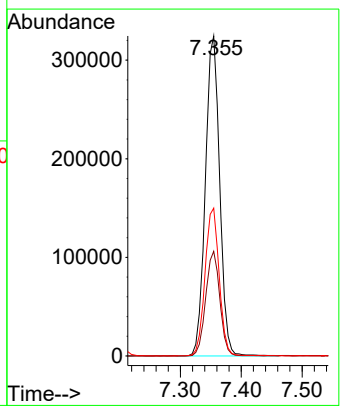


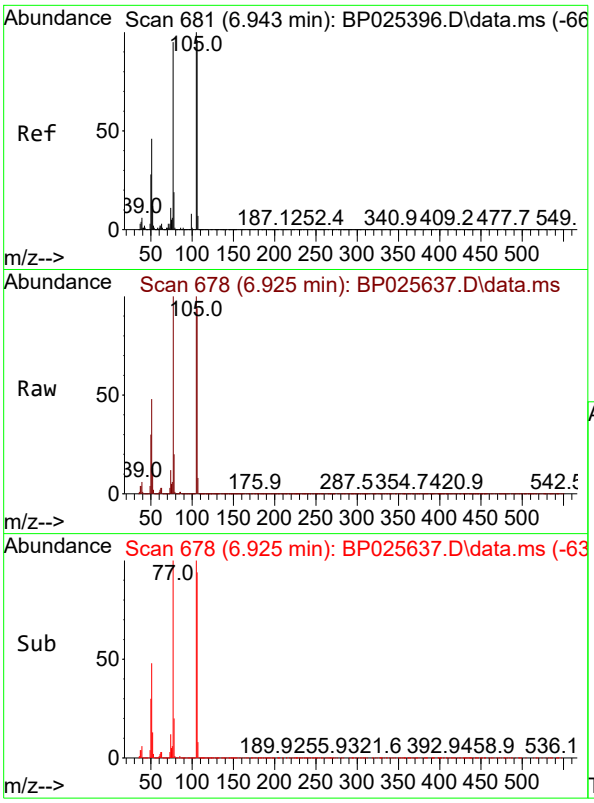


#8
2-Chlorophenol
Concen: 39.440 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:128 Resp: 529026

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	46.2	23.4	63.4



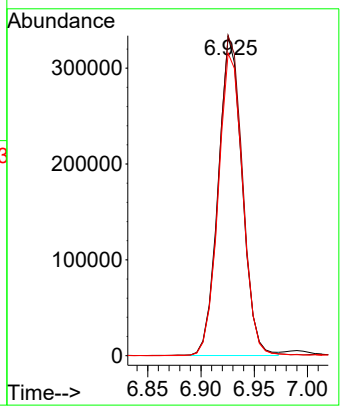


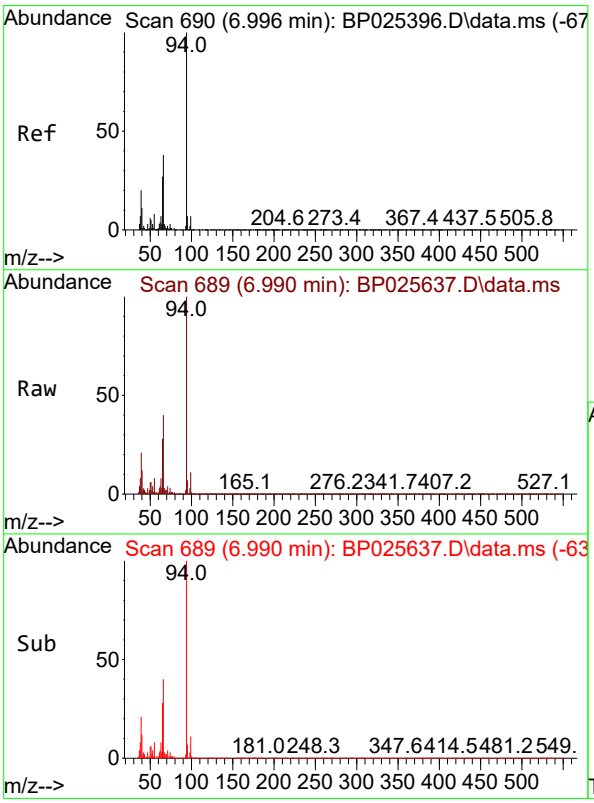
#9
Benzaldehyde
Concen: 48.571 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 518596

Ion	Ratio	Lower	Upper
77	100		
105	100.2	84.8	124.8
106	94.6	80.5	120.5

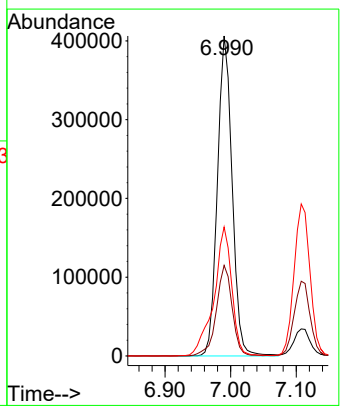


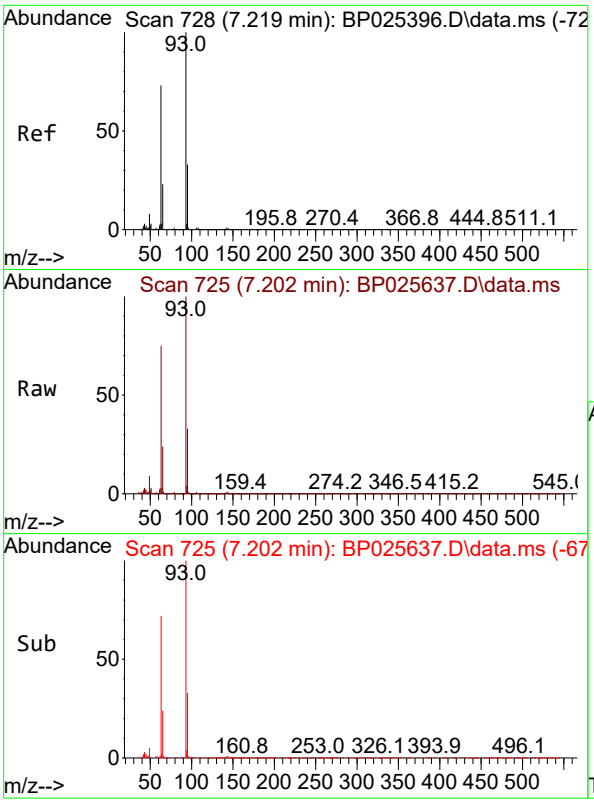


#10
Phenol
Concen: 39.461 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 94 Resp: 631026

Ion	Ratio	Lower	Upper
94	100		
65	28.3	6.8	46.8
66	40.3	18.2	58.2



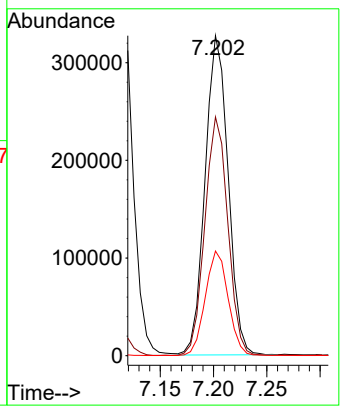


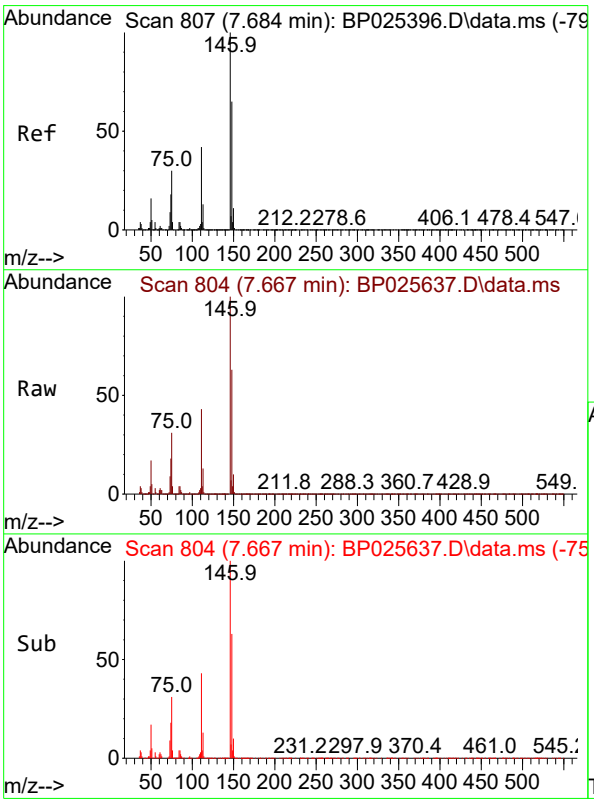
#11
bis(2-Chloroethyl)ether
Concen: 39.385 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 490888

Ion	Ratio	Lower	Upper
93	100		
63	74.6	52.6	92.6
95	32.7	12.7	52.7

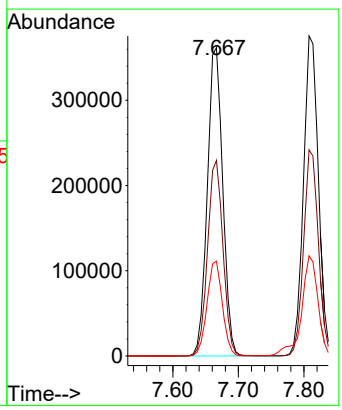


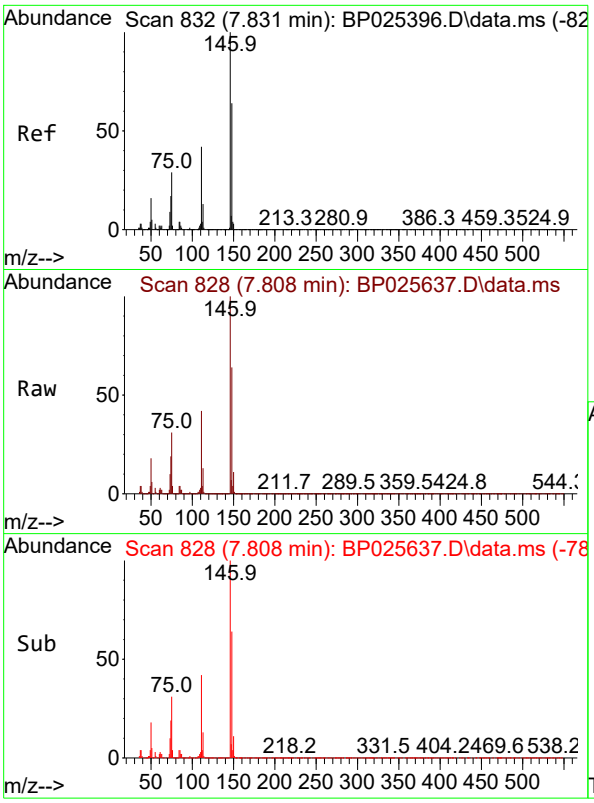


#12
1,3-Dichlorobenzene
Concen: 40.022 ng
RT: 7.667 min Scan# 804
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:146 Resp: 591949

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
75	30.8	23.7	35.5



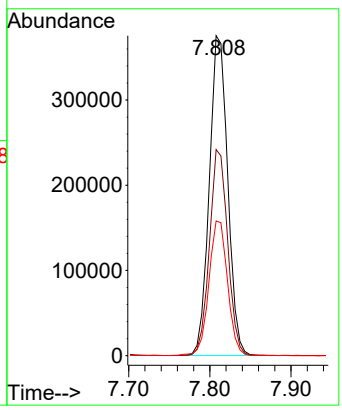


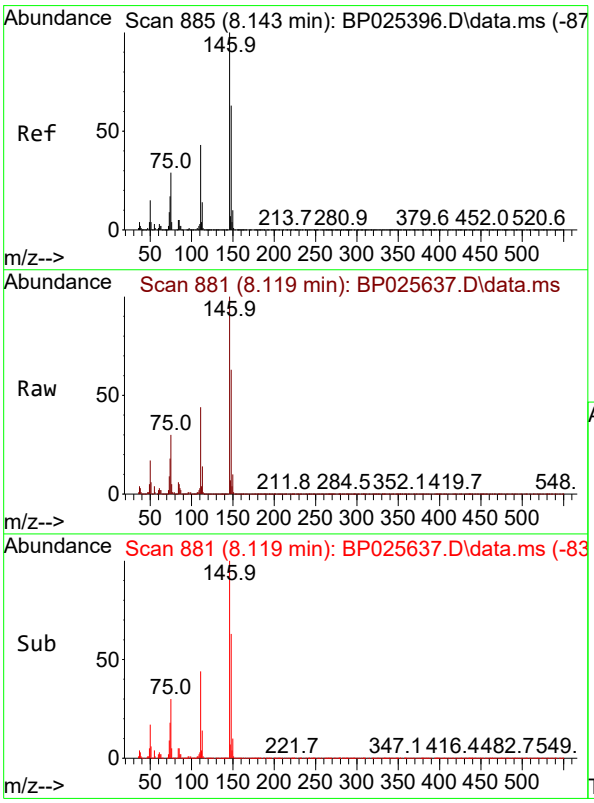
#13
1,4-Dichlorobenzene
Concen: 39.095 ng
RT: 7.808 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 591013

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	42.1	33.4	50.0

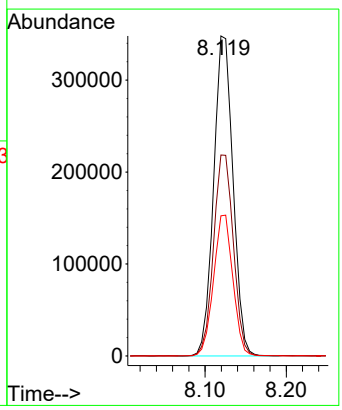


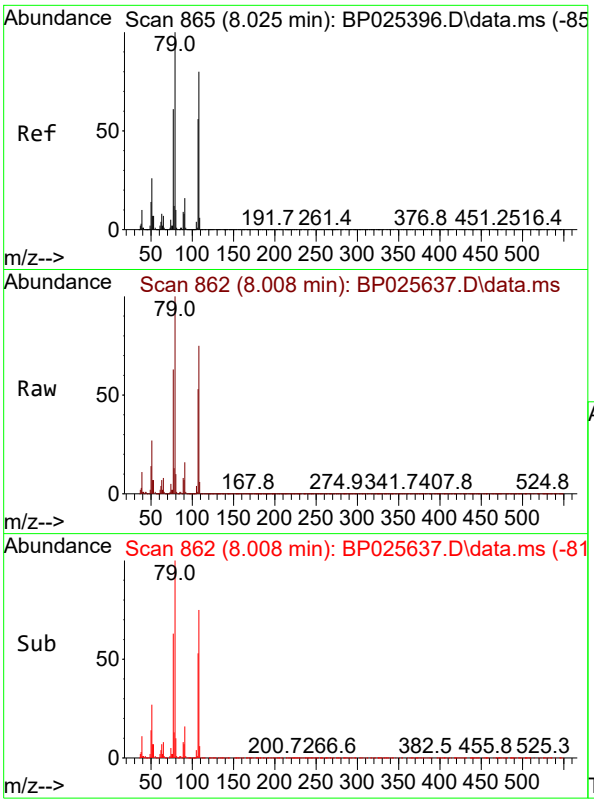


#14
1,2-Dichlorobenzene
Concen: 39.476 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:146 Resp: 577695

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	43.8	34.5	51.7



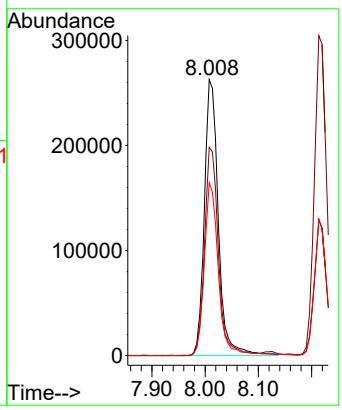


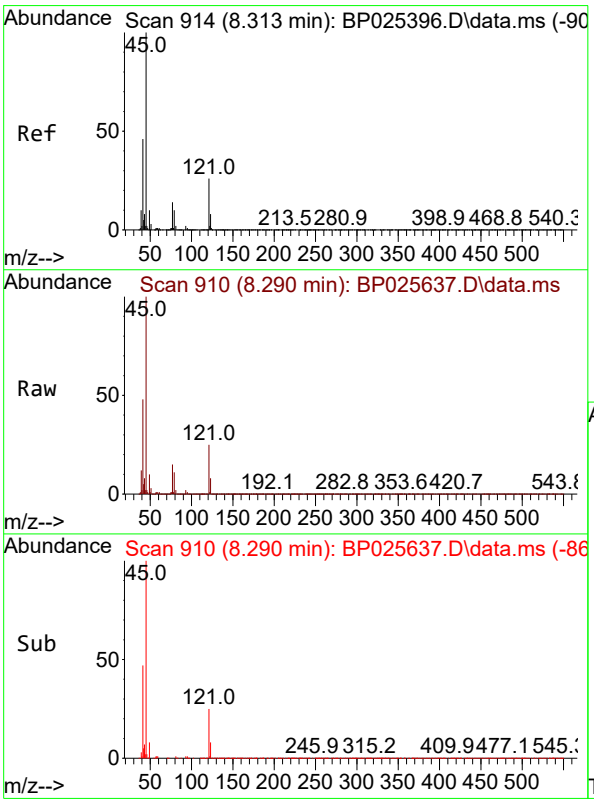
#15
Benzyl Alcohol
Concen: 39.445 ng
RT: 8.008 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 477629

Ion	Ratio	Lower	Upper
79	100		
108	75.4	63.8	95.6
77	62.6	49.0	73.4

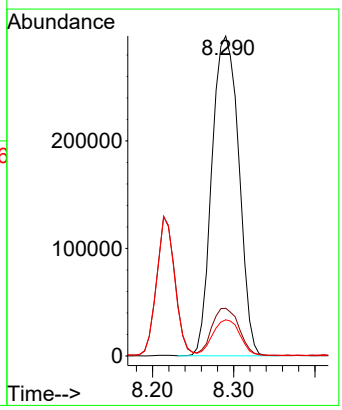


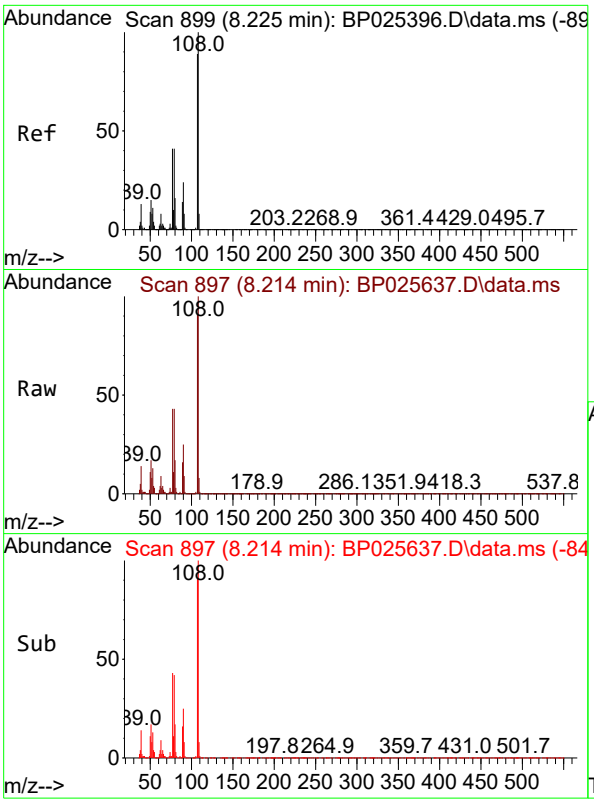


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.953 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 45 Resp: 683778

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.3
79	11.3	0.0	31.8



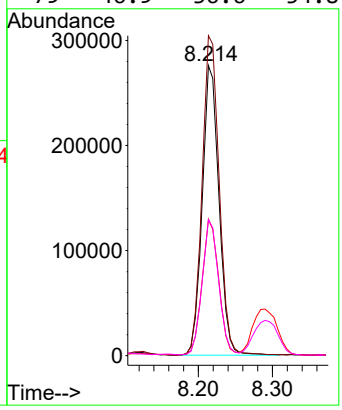


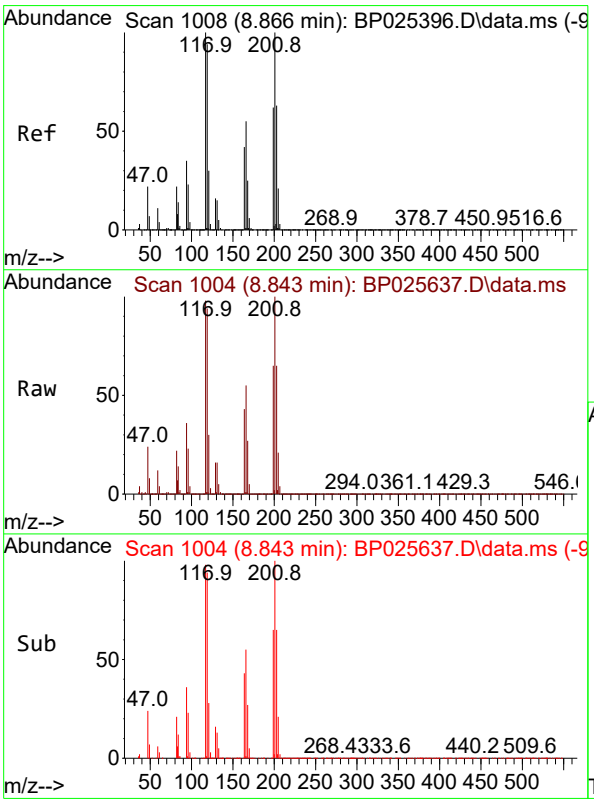
#17
2-Methylphenol
Concen: 39.105 ng
RT: 8.214 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 434304

Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.4	134.0
77	47.1	36.3	54.5
79	46.9	36.6	54.8

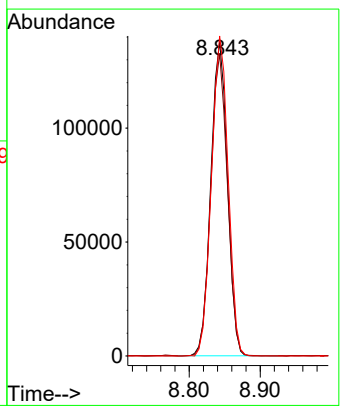


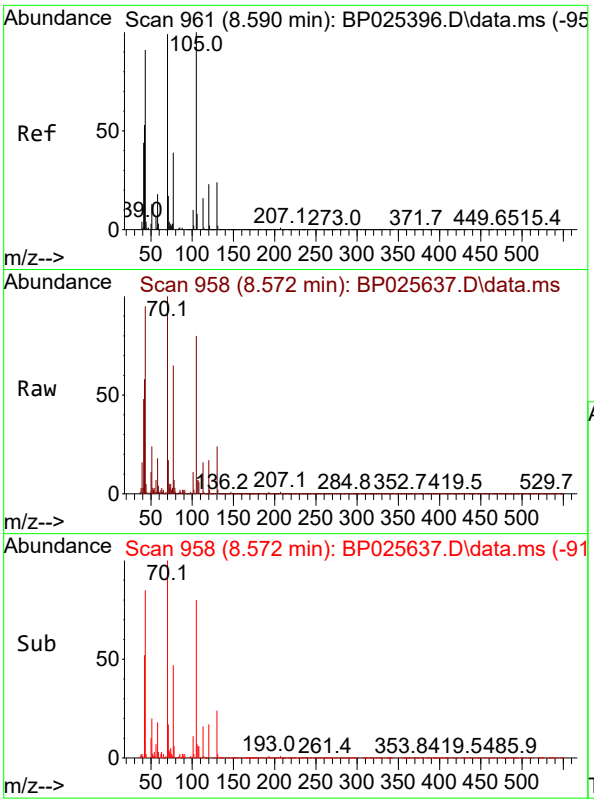


#18
Hexachloroethane
Concen: 40.256 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:117 Resp: 223759

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.1	112.7
201	101.8	80.1	120.1



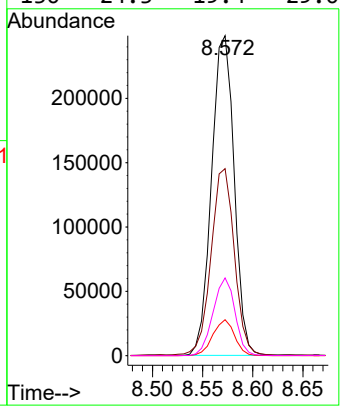


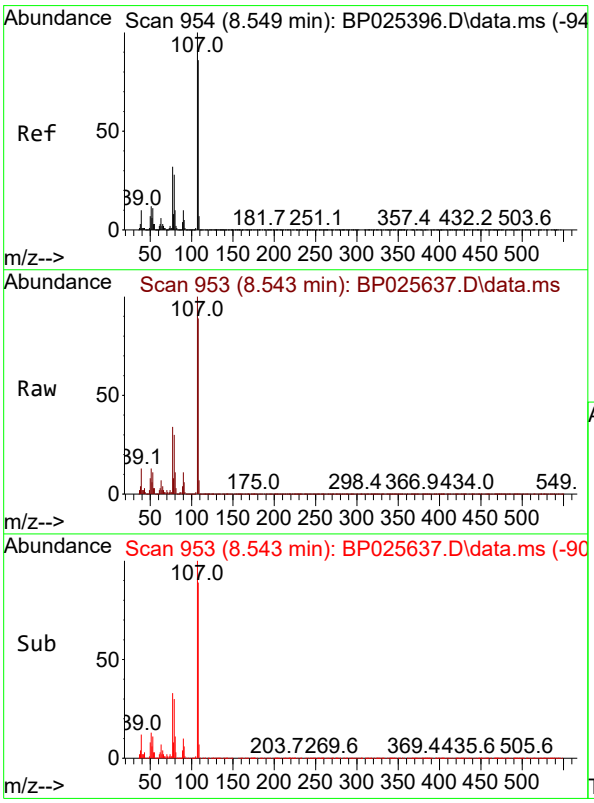
#19
n-Nitroso-di-n-propylamine
Concen: 38.506 ng
RT: 8.572 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 388695

Ion	Ratio	Lower	Upper
70	100		
42	58.5	43.8	65.6
101	11.2	8.5	12.7
130	24.3	19.4	29.0

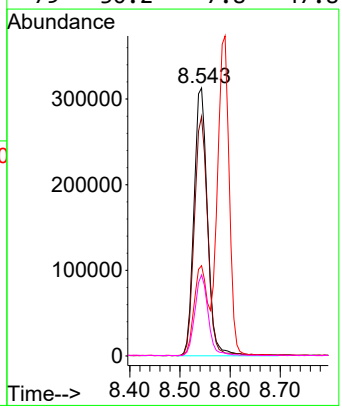


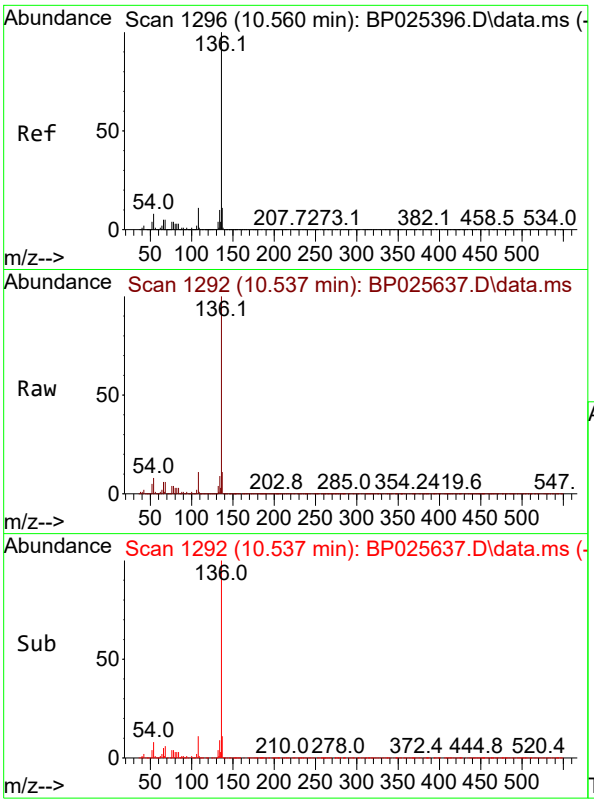


#20
3+4-Methylphenols
Concen: 38.154 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:107 Resp: 587376

Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.3	106.3
77	33.7	12.3	52.3
79	30.2	7.8	47.8



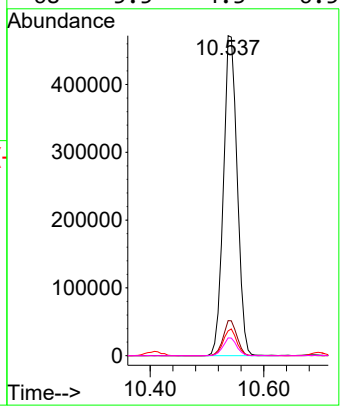


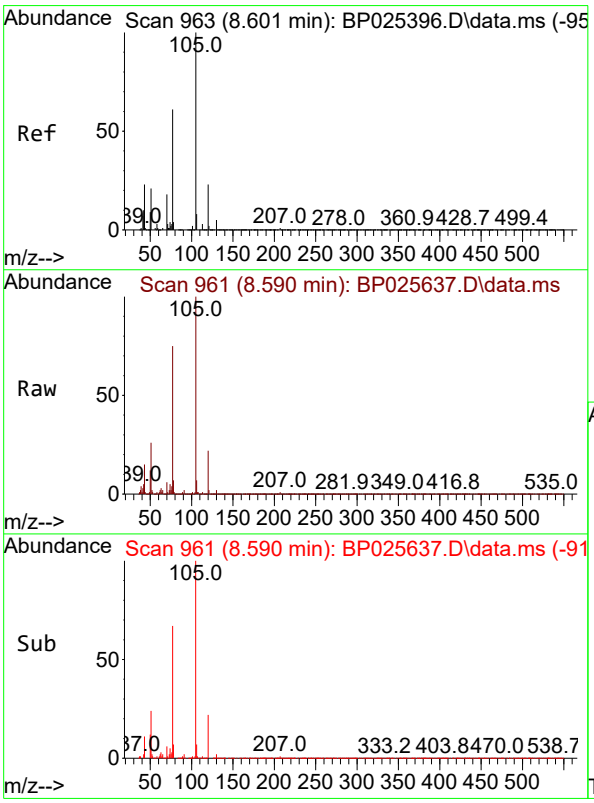
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 799046

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.7	6.0	9.0
68	5.5	4.3	6.5

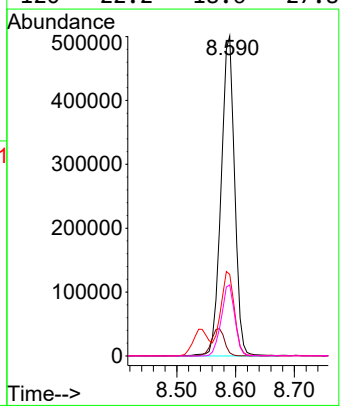


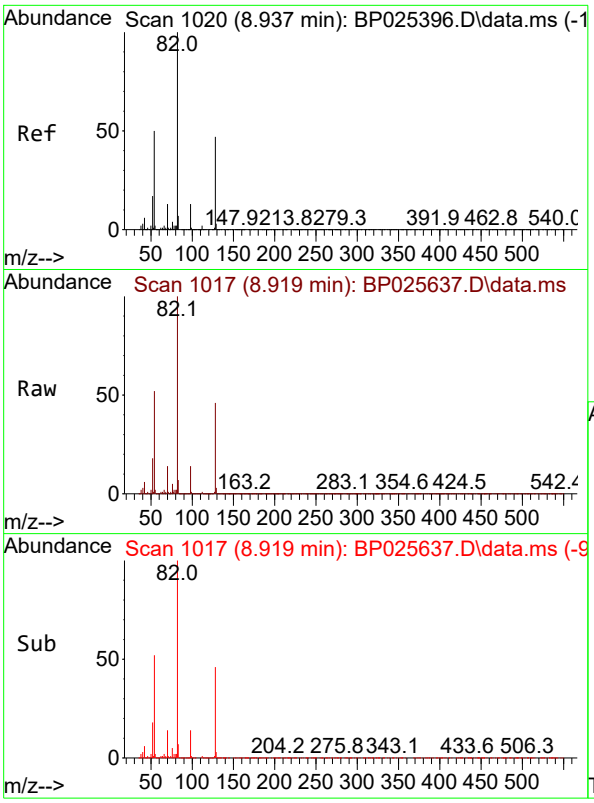


#22
Acetophenone
Concen: 39.998 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:105 Resp: 801506

Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	4.0#
51	25.5	20.6	30.8
120	22.2	18.6	27.8



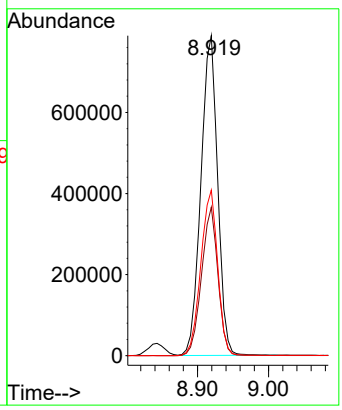


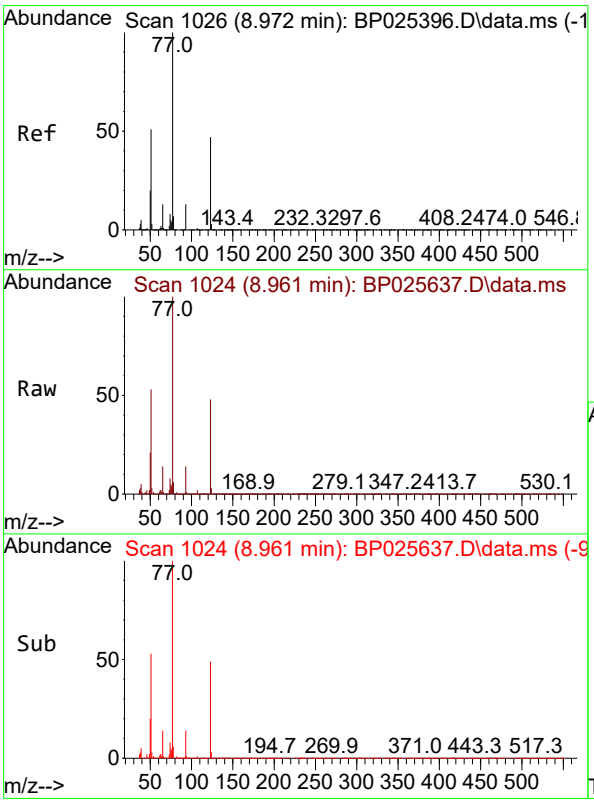
#23
Nitrobenzene-d5
Concen: 81.747 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1291279

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.7	56.5
54	51.8	39.8	59.6

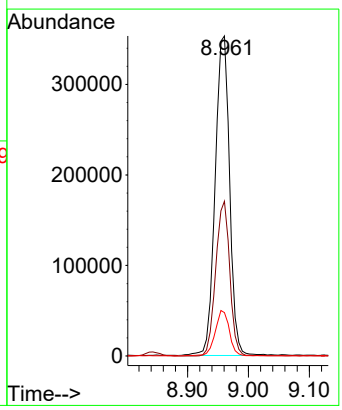


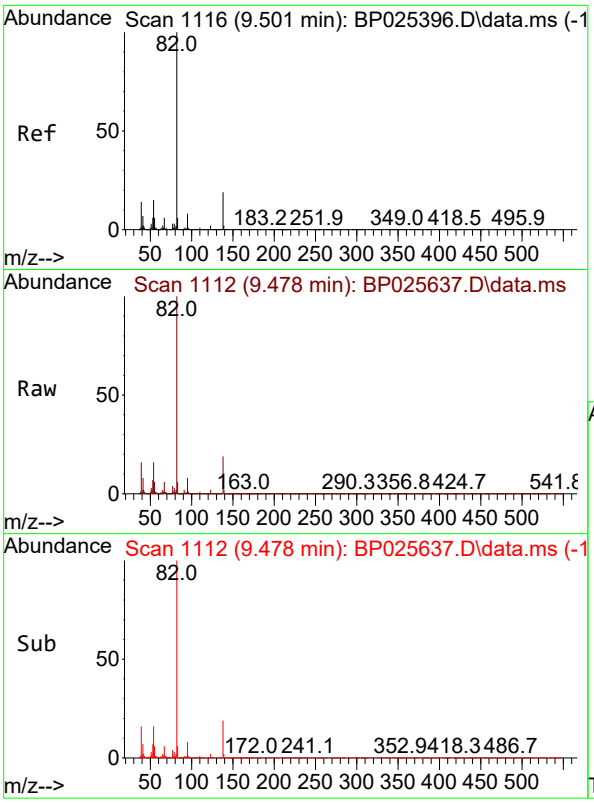


#24
Nitrobenzene
Concen: 41.226 ng
RT: 8.961 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 77 Resp: 581984

Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.6	58.0
65	13.5	10.6	15.8



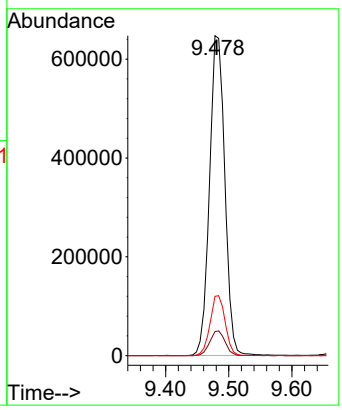


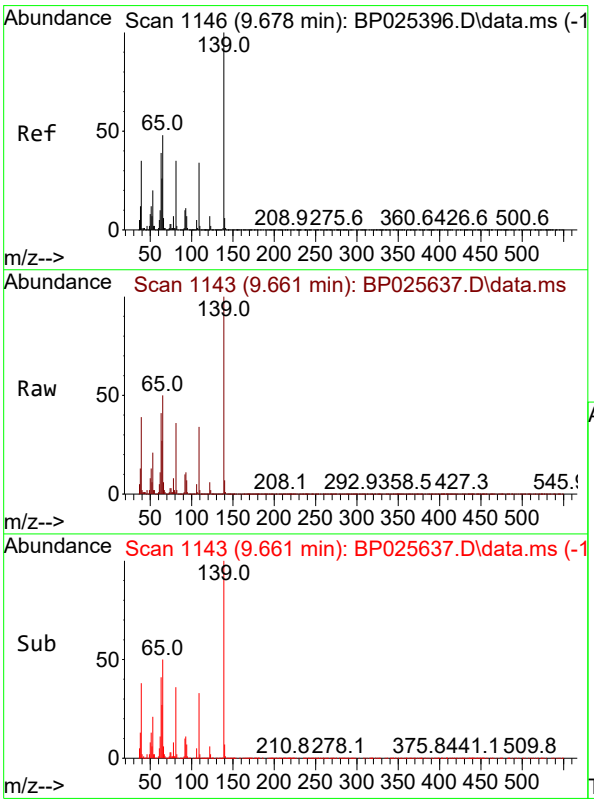
#25
Isophorone
Concen: 39.040 ng
RT: 9.478 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1091366

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.6	15.4	23.0

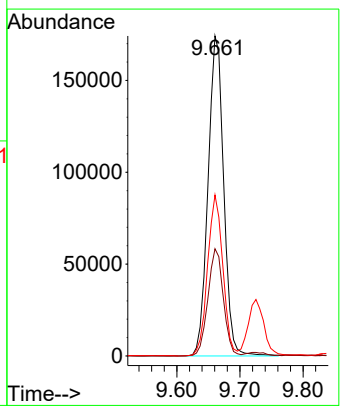


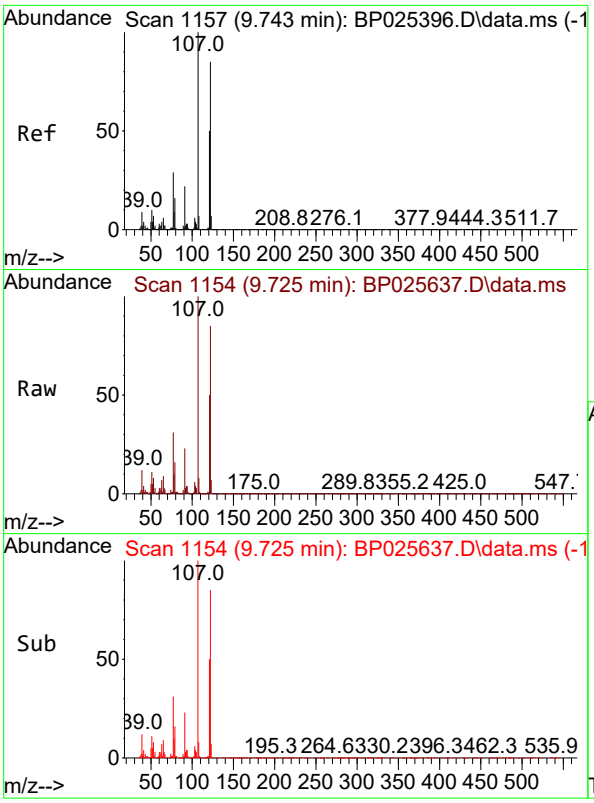


#26
2-Nitrophenol
Concen: 41.413 ng
RT: 9.661 min Scan# 1143
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:139 Resp: 300033

Ion	Ratio	Lower	Upper
139	100		
109	33.5	26.9	40.3
65	50.3	38.3	57.5



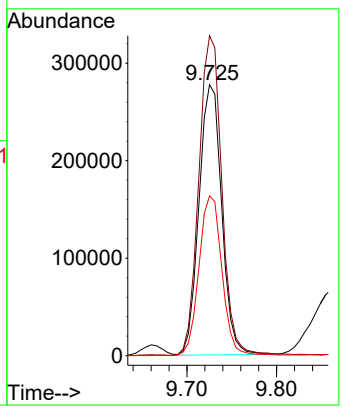


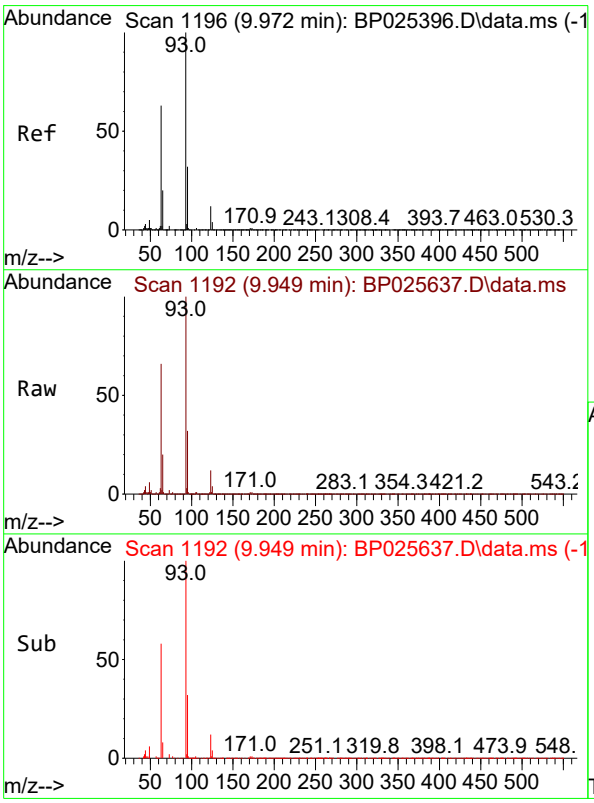
#27
2,4-Dimethylphenol
Concen: 39.119 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 487393

Ion	Ratio	Lower	Upper
122	100		
107	118.1	93.7	140.5
121	59.0	46.6	69.8

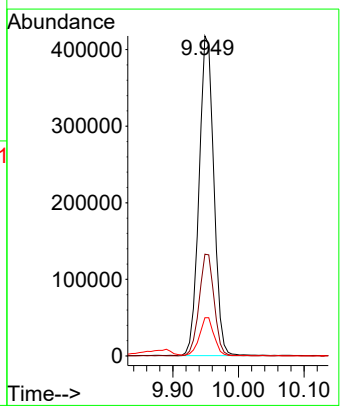


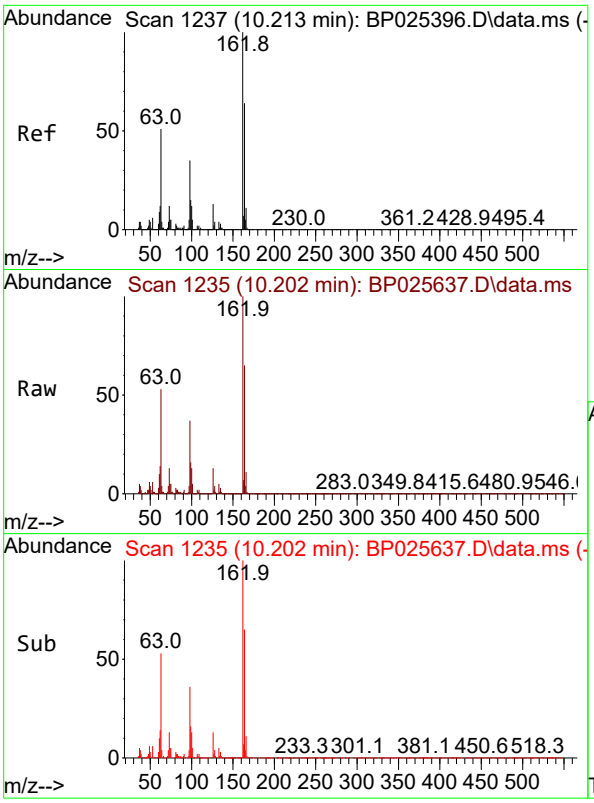


#28
bis(2-Chloroethoxy)methane
Concen: 38.861 ng
RT: 9.949 min Scan# 1192
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 93 Resp: 656676

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.0
123	11.9	9.4	14.0



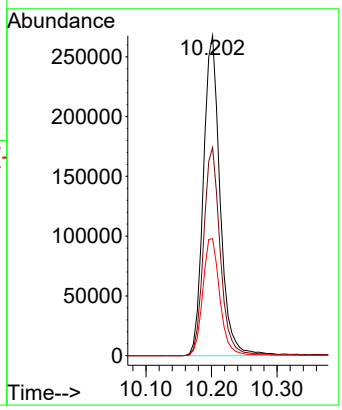


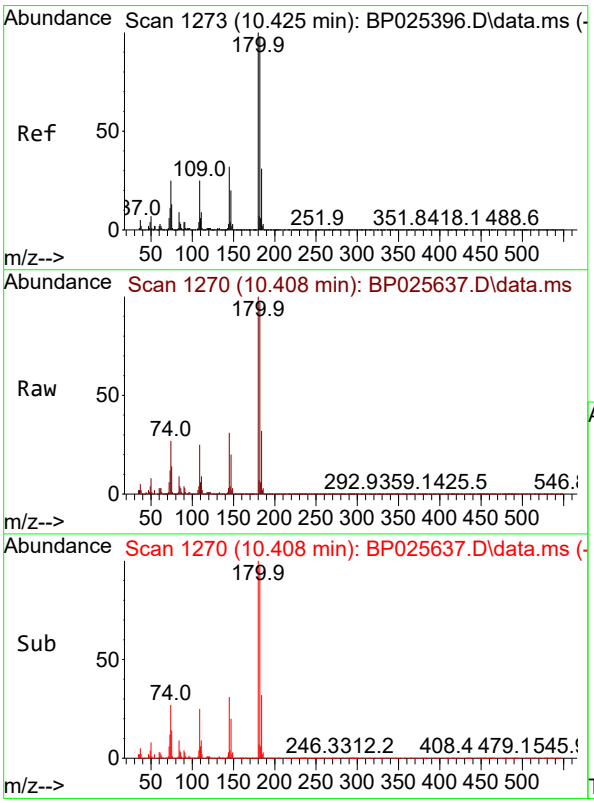
#29
2,4-Dichlorophenol
Concen: 38.389 ng
RT: 10.202 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 475132

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.4	84.4
98	36.5	14.9	54.9

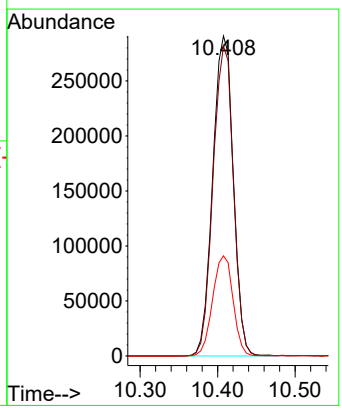


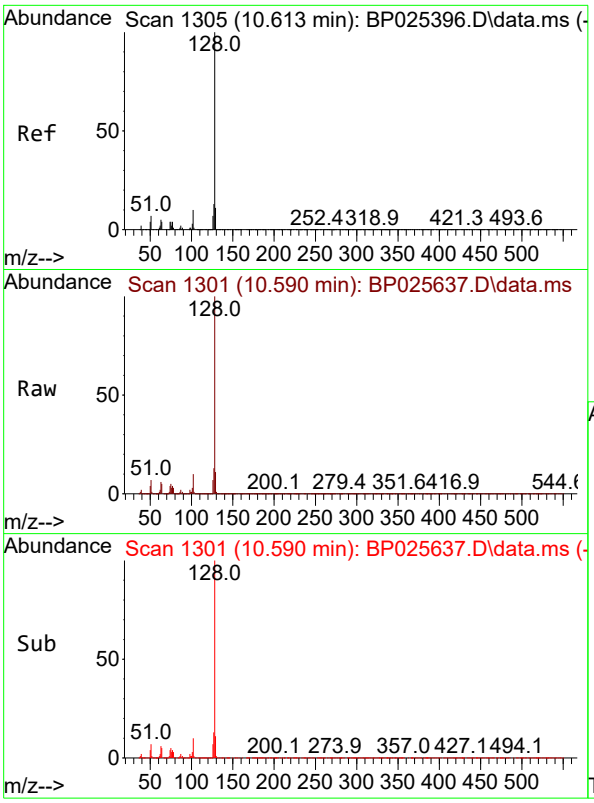


#30
1,2,4-Trichlorobenzene
Concen: 39.529 ng
RT: 10.408 min Scan# 1270
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:180 Resp: 536315

Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.0	117.0
145	31.3	25.9	38.9



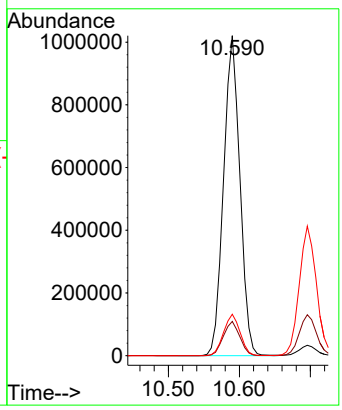


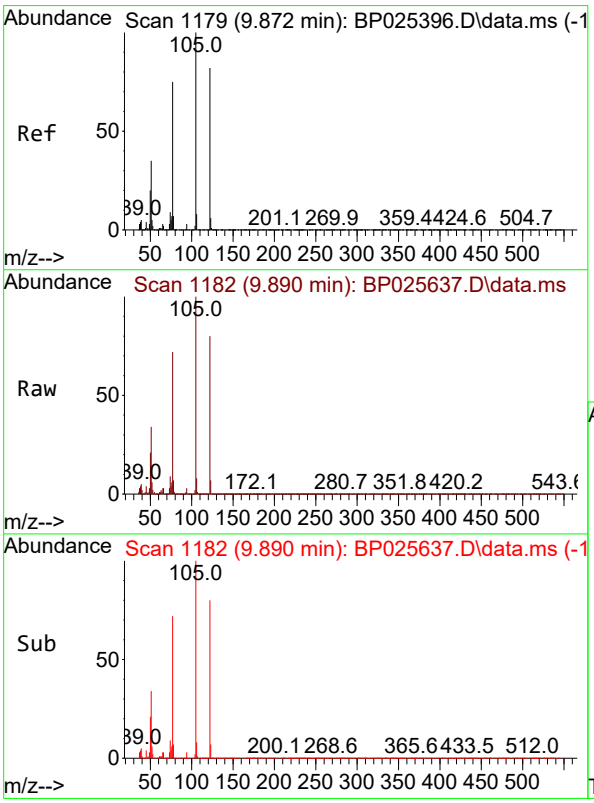
#31
Naphthalene
Concen: 39.118 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1624586

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.9	10.7	16.1

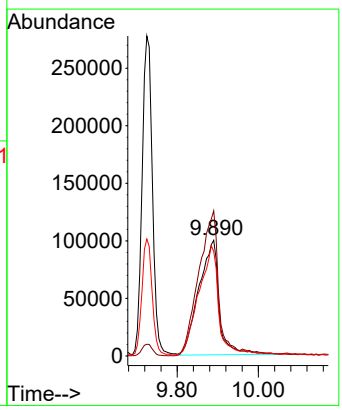


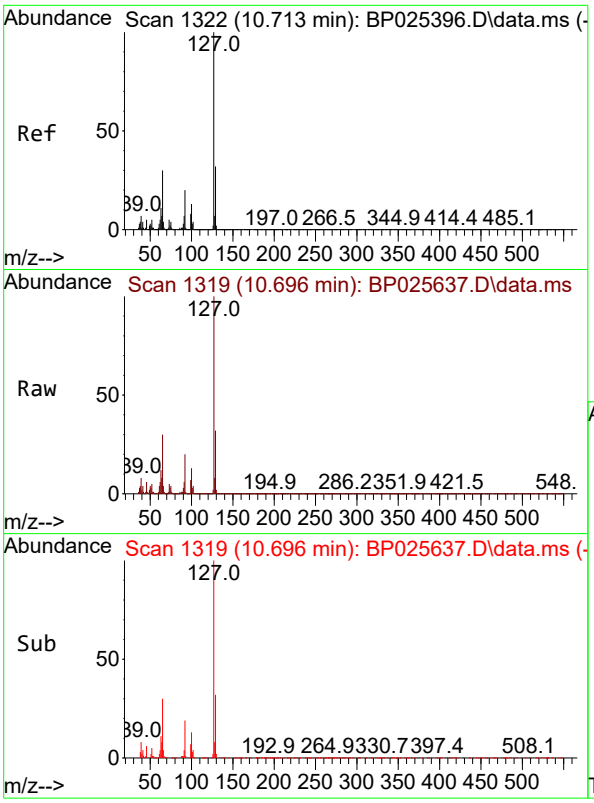


#32
Benzoic acid
Concen: 37.409 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:122 Resp: 344100

Ion	Ratio	Lower	Upper
122	100		
105	125.5	100.6	140.6
77	90.3	71.5	111.5



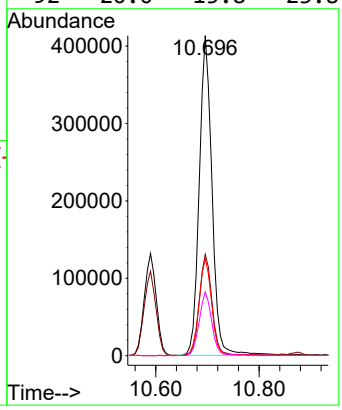


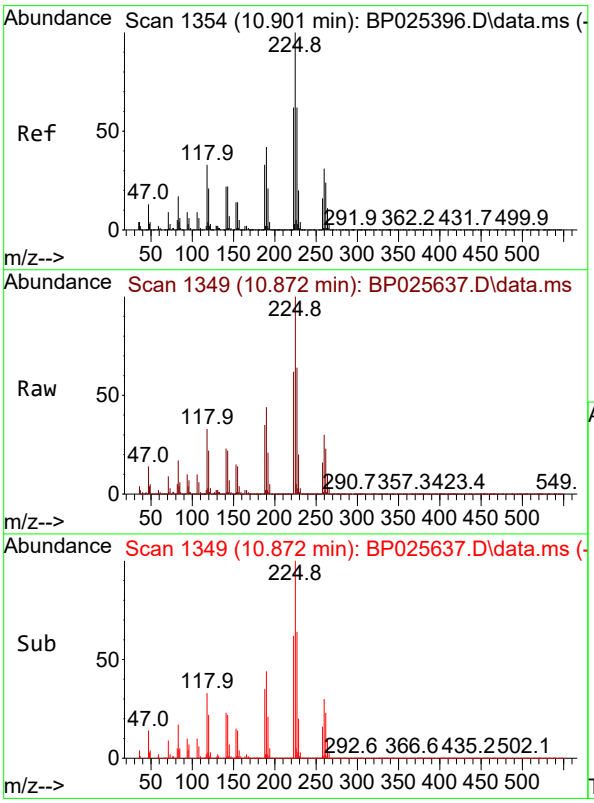
#33
4-Chloroaniline
Concen: 38.631 ng
RT: 10.696 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 708687

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	30.3	23.8	35.6
92	20.0	15.8	23.8

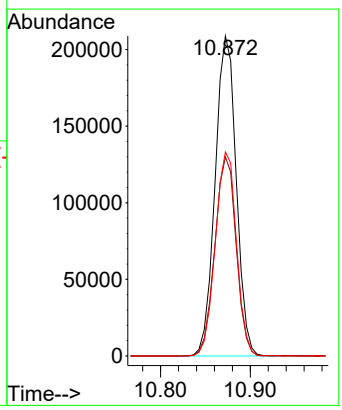


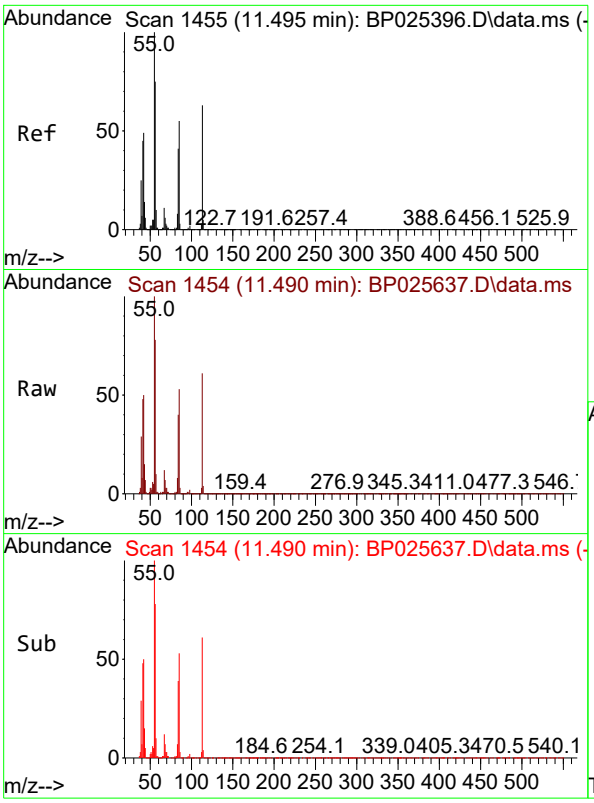


#34
Hexachlorobutadiene
Concen: 40.295 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:225 Resp: 340482

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	63.8	49.7	74.5



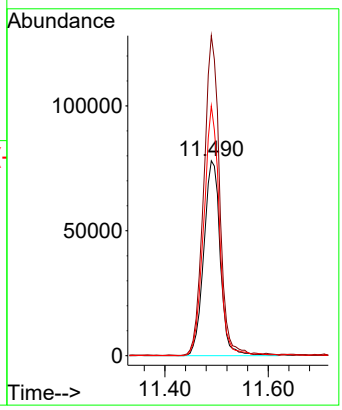


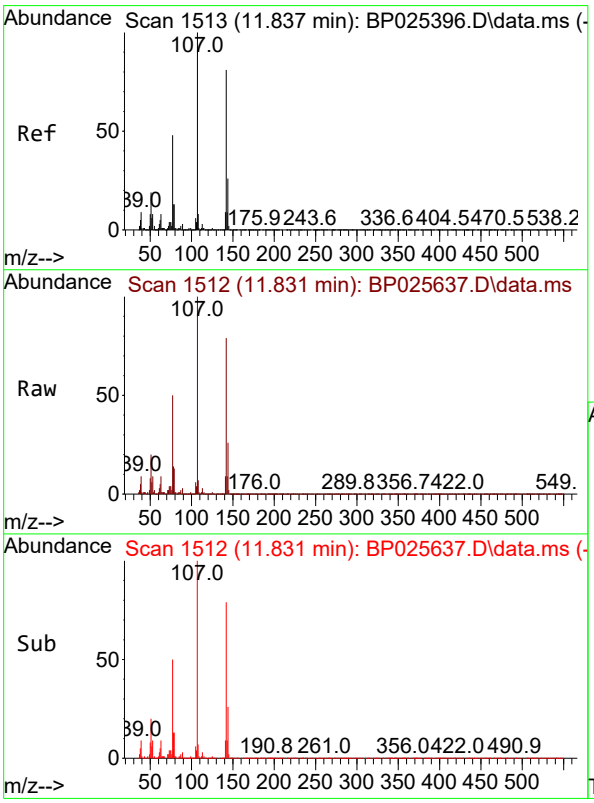
#35
Caprolactam
Concen: 37.886 ng
RT: 11.490 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 171939

Ion	Ratio	Lower	Upper
113	100		
55	164.2	140.0	180.0
56	128.1	100.0	140.0

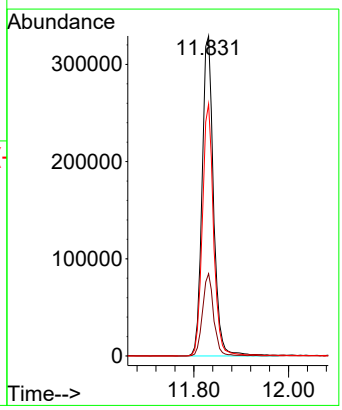


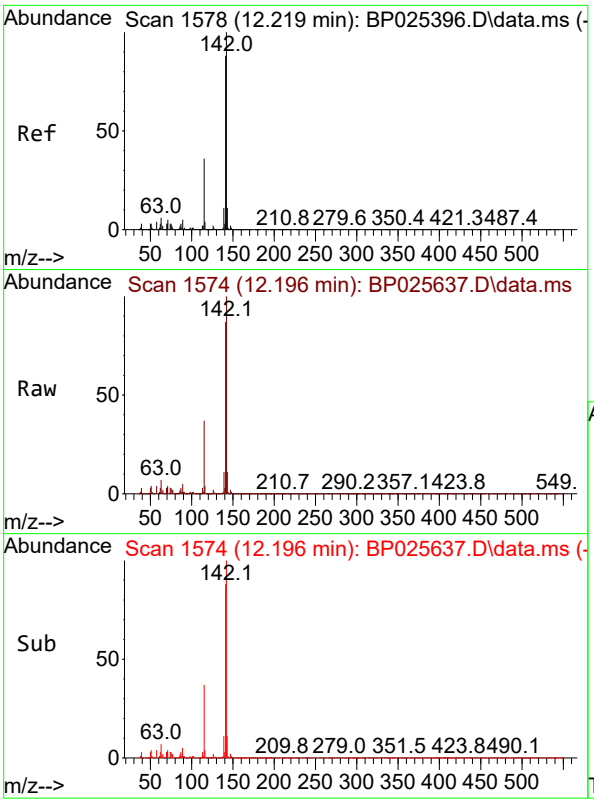


#36
4-Chloro-3-methylphenol
Concen: 38.794 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:107 Resp: 550962

Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.4
142	78.7	64.6	97.0



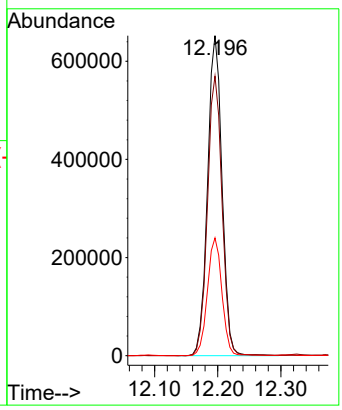


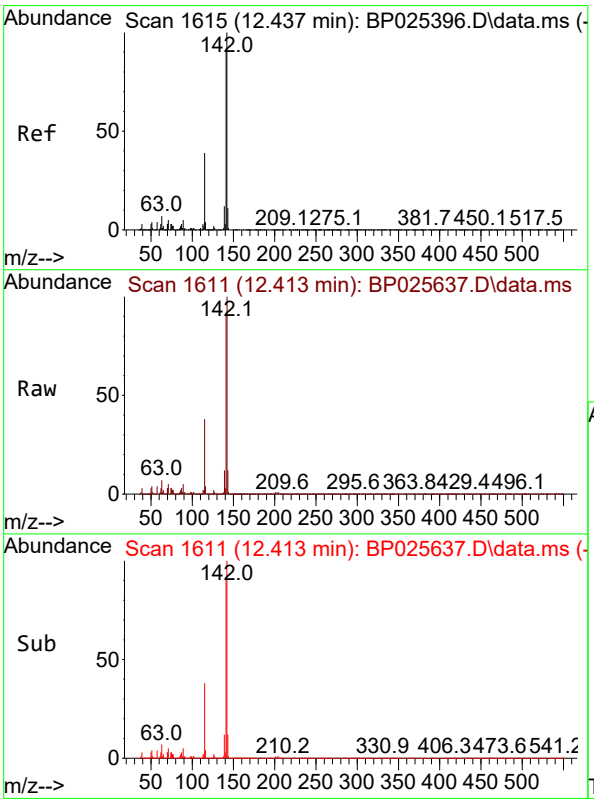
#37
2-Methylnaphthalene
Concen: 38.349 ng
RT: 12.196 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1036465

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	36.8	28.9	43.3

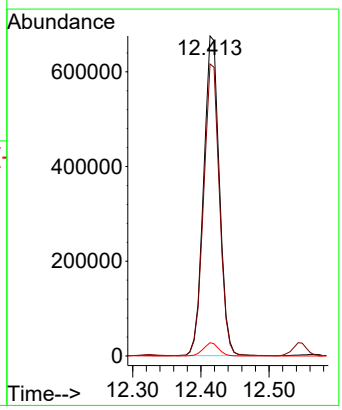


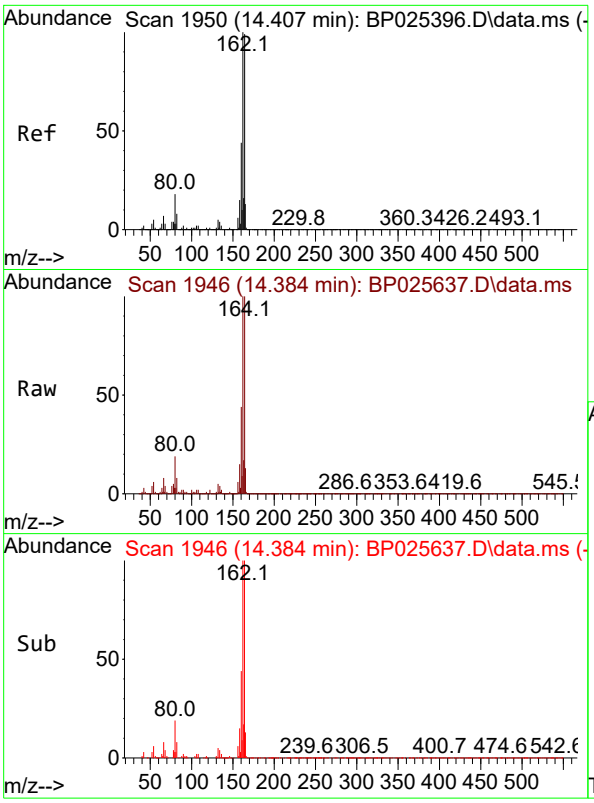


#38
1-Methylnaphthalene
Concen: 37.816 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:142 Resp: 1086915

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.1	109.7
116	4.2	3.2	4.8



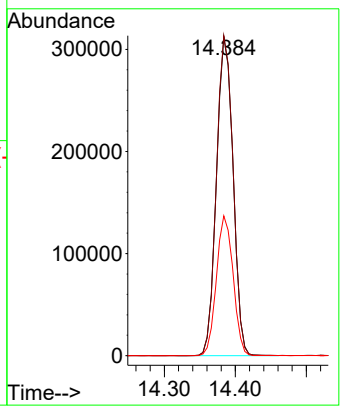


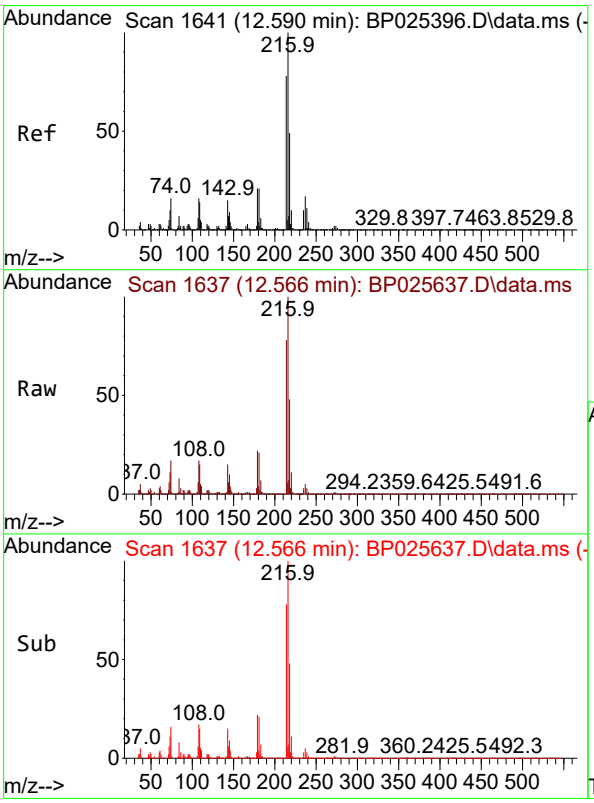
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 505529

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	43.9	35.4	53.2

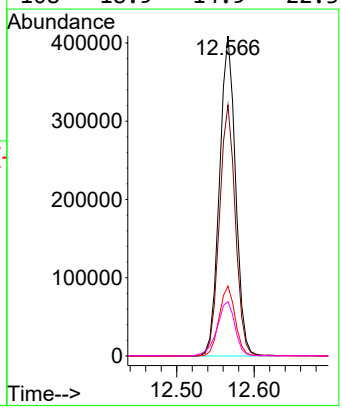


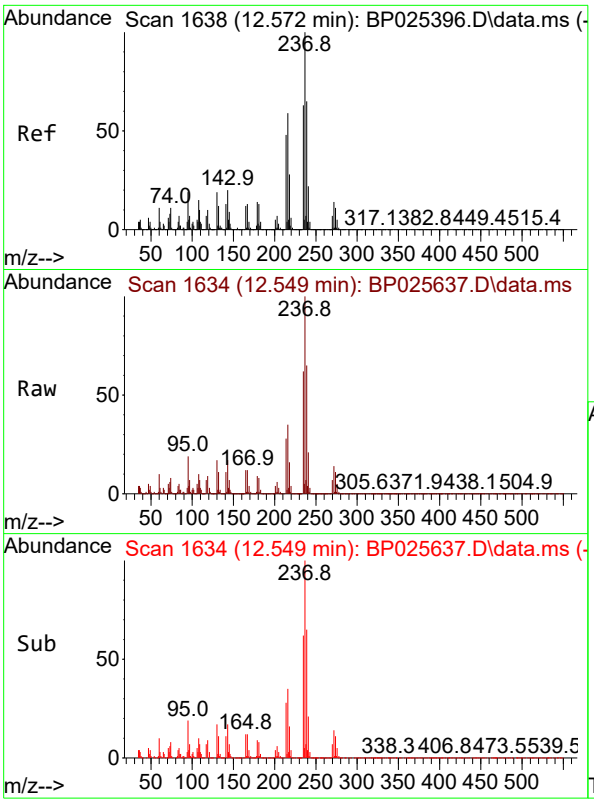


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.448 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:216 Resp: 590554

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	21.9	17.1	25.7
108	18.9	14.9	22.3



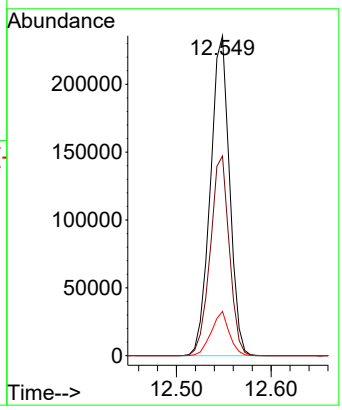


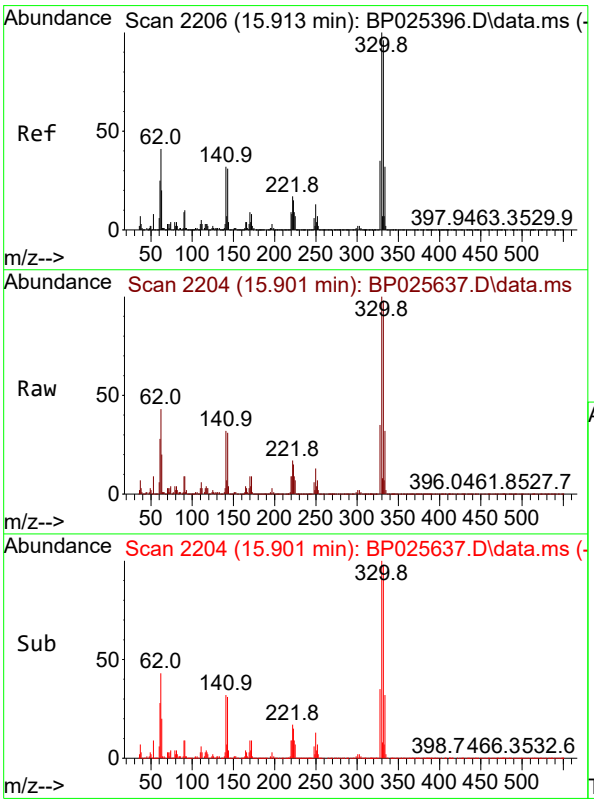
#41
Hexachlorocyclopentadiene
Concen: 37.582 ng
RT: 12.549 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 331436

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.7	82.7
272	13.8	0.0	34.0

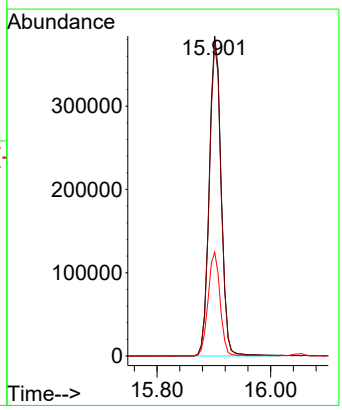


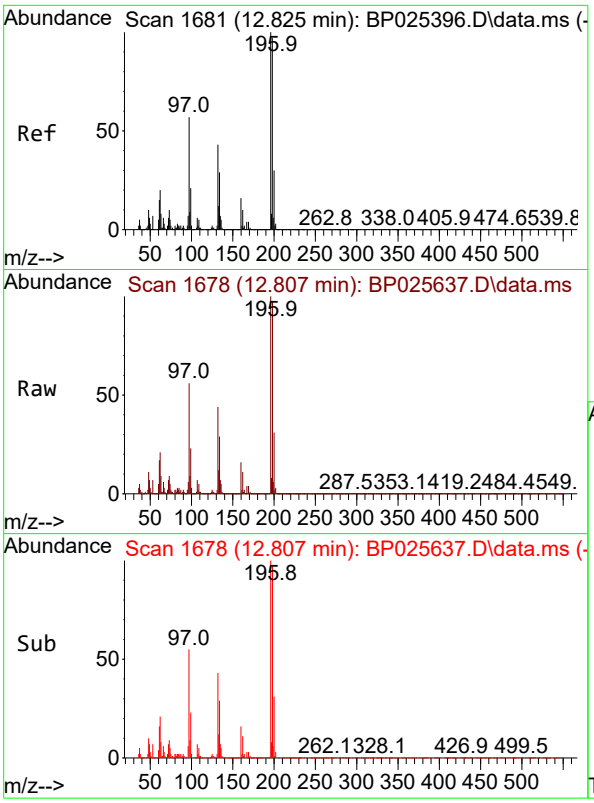


#42
2,4,6-Tribromophenol
Concen: 81.590 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:330 Resp: 555176

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	32.7	26.6	39.8



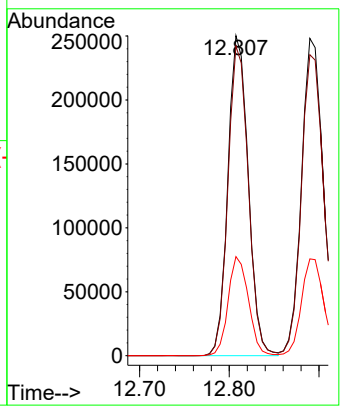


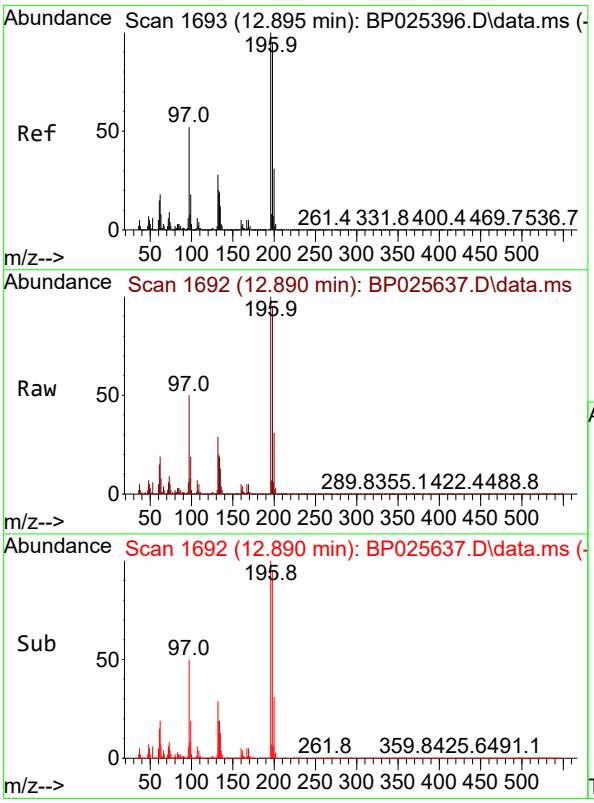
#43
2,4,6-Trichlorophenol
Concen: 40.112 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 395373

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.2	115.8
200	31.0	23.9	35.9

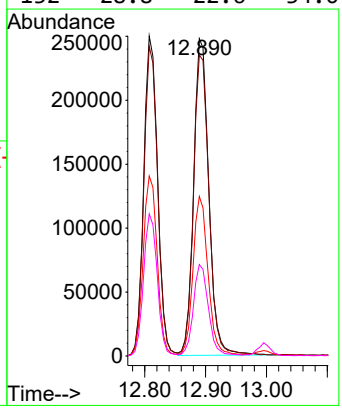


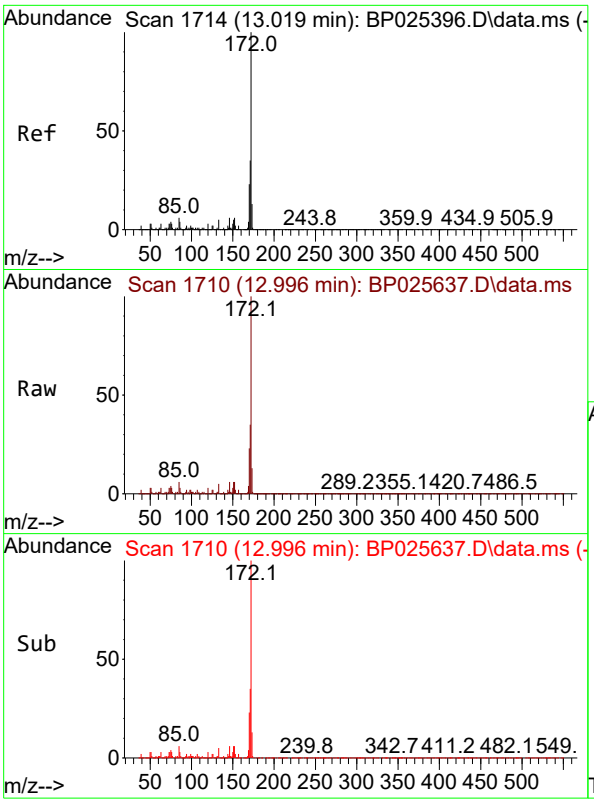


#44
2,4,5-Trichlorophenol
Concen: 39.770 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:196 Resp: 429628

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.2
97	50.3	41.2	61.8
132	28.8	22.6	34.0



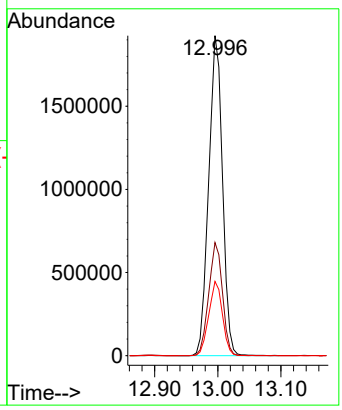


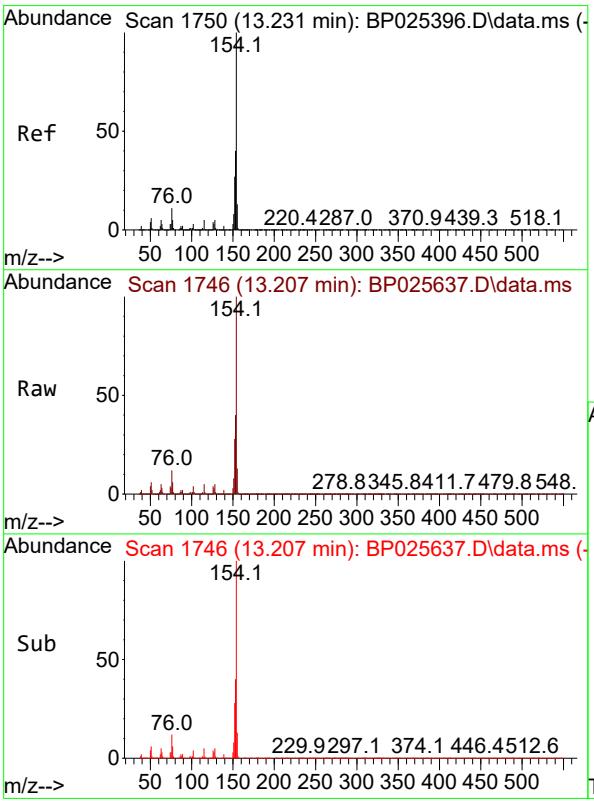
#45
2-Fluorobiphenyl
Concen: 78.744 ng
RT: 12.996 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2912702

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.2	18.6	28.0

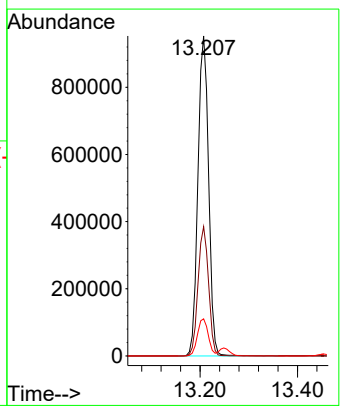


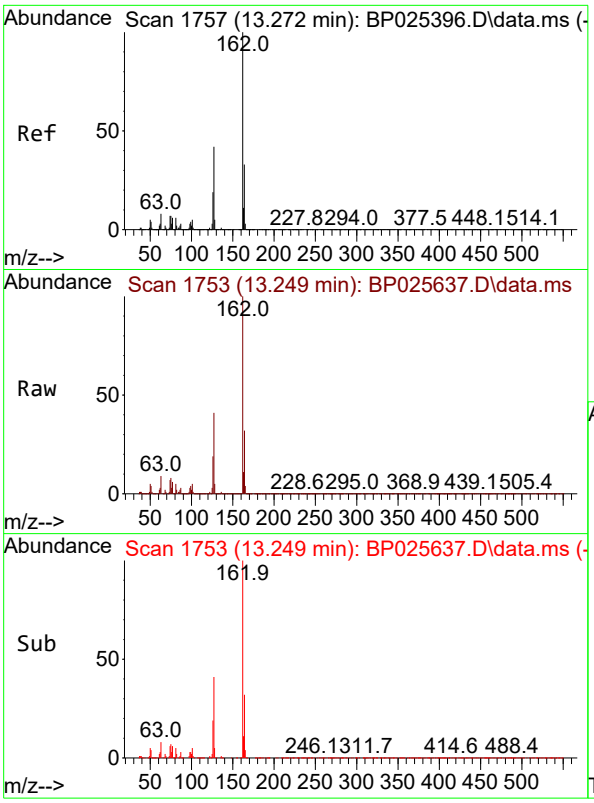


#46
1,1'-Biphenyl
Concen: 39.563 ng
RT: 13.207 min Scan# 1746
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:154 Resp: 1452546

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	11.6	0.0	31.1



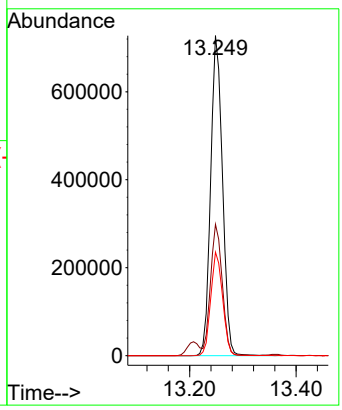


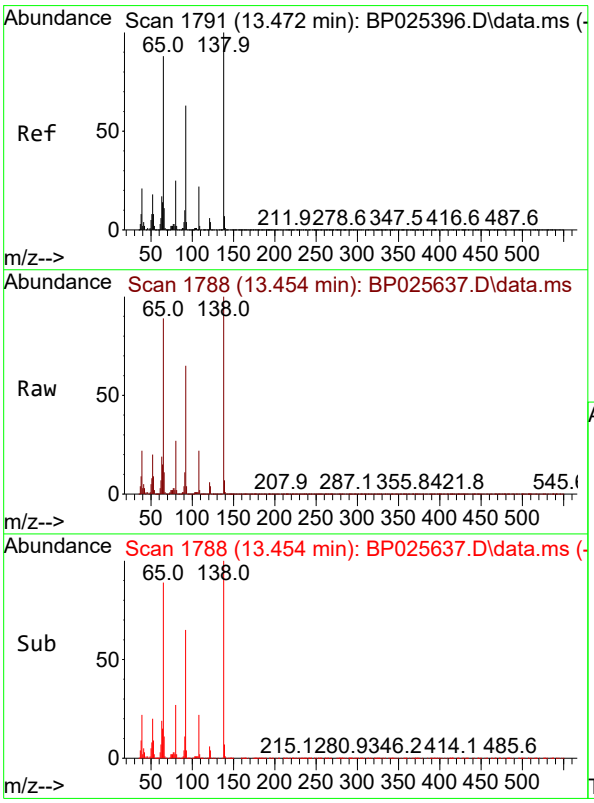
#47
2-Chloronaphthalene
Concen: 39.362 ng
RT: 13.249 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1125023

Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.4	50.2
164	32.4	26.2	39.2

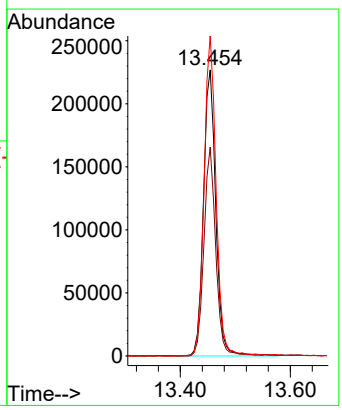


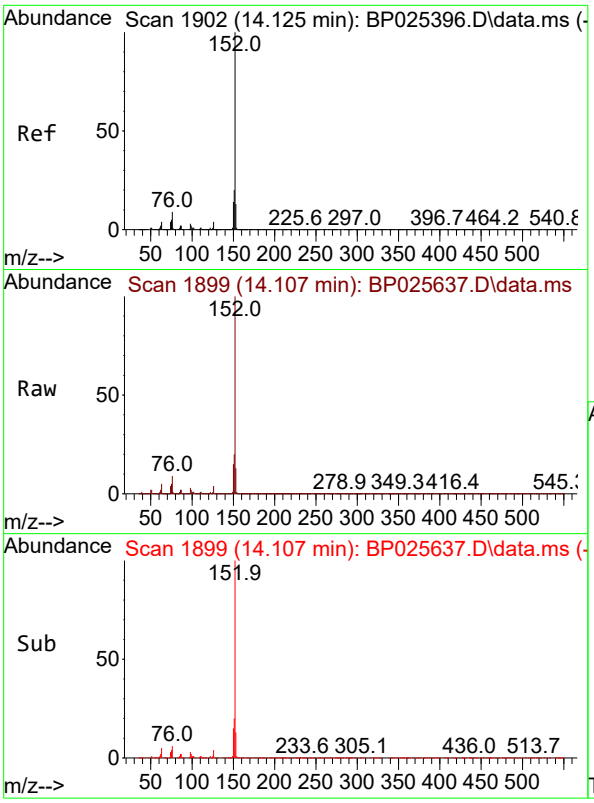


#48
2-Nitroaniline
Concen: 42.385 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion: 65 Resp: 352986

Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.6	86.4
138	111.8	91.0	136.6



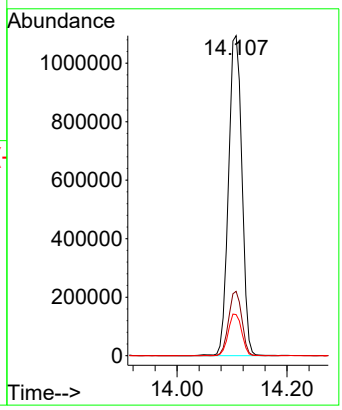


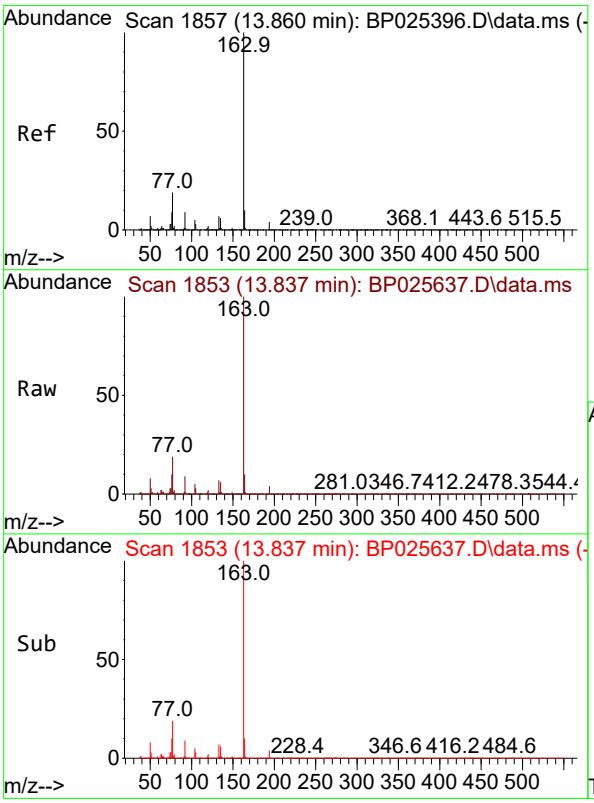
#49
Acenaphthylene
Concen: 39.193 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1853648

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	12.9	10.6	15.8

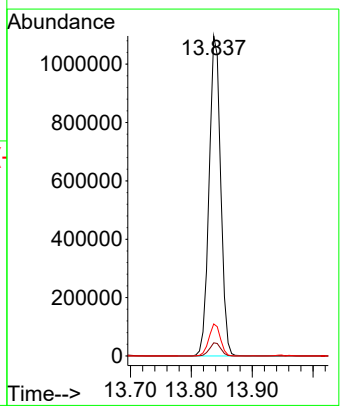


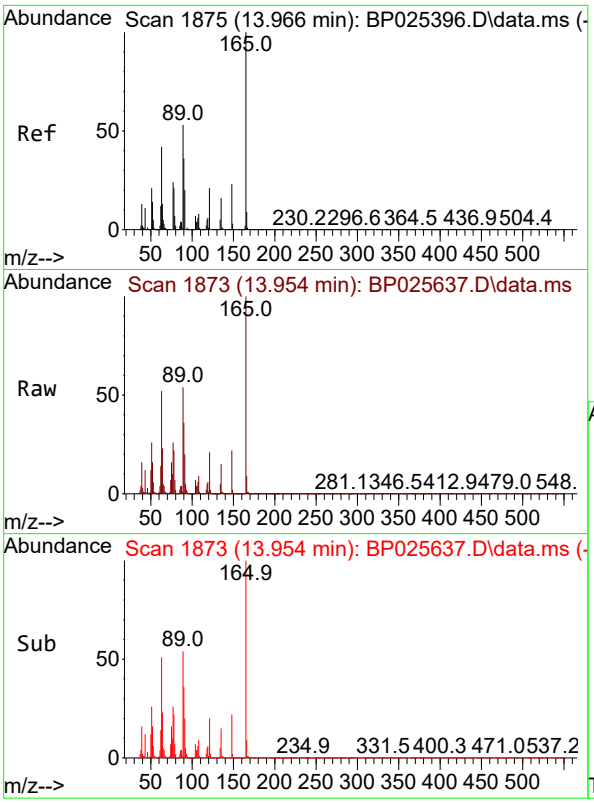


#50
Dimethylphthalate
Concen: 39.018 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:163 Resp: 1444423

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	7.9	11.9



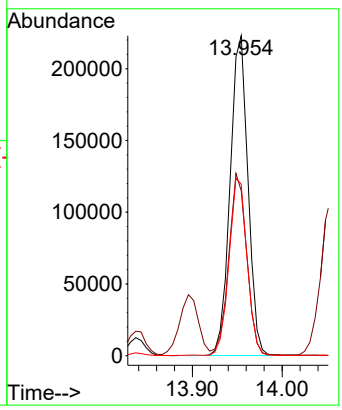


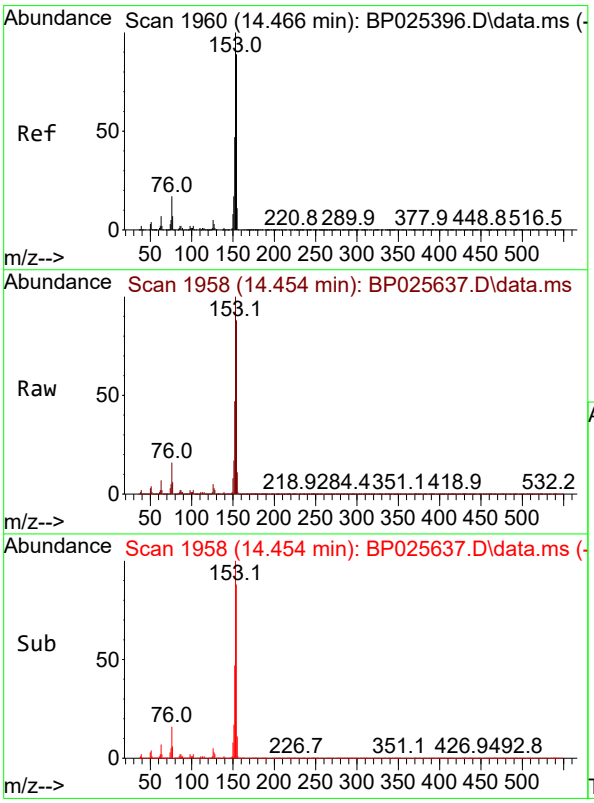
#51
2,6-Dinitrotoluene
Concen: 39.450 ng
RT: 13.954 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 307812

Ion	Ratio	Lower	Upper
165	100		
63	51.5	40.9	61.3
89	53.5	42.1	63.1

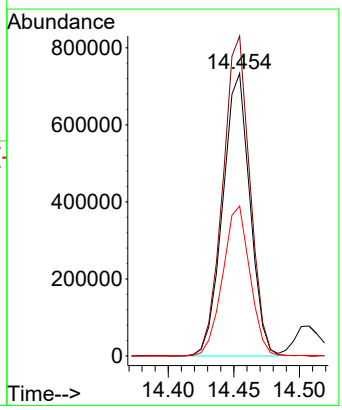


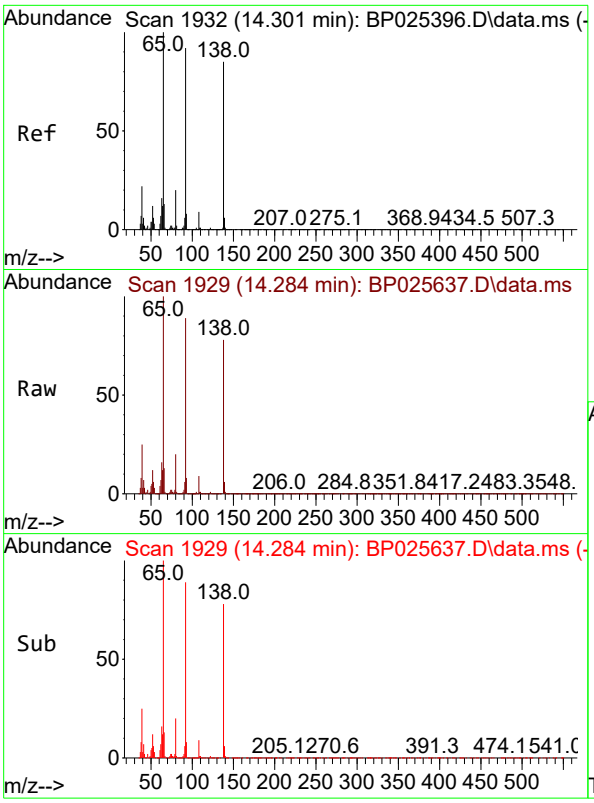


#52
Acenaphthene
Concen: 38.105 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:154 Resp: 1057829

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.2
152	53.1	42.1	63.1



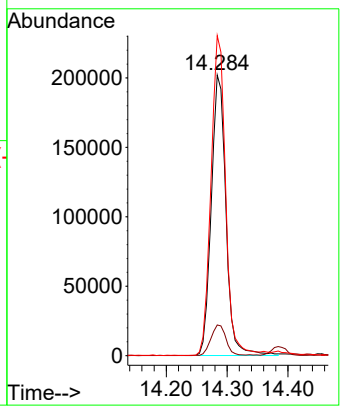


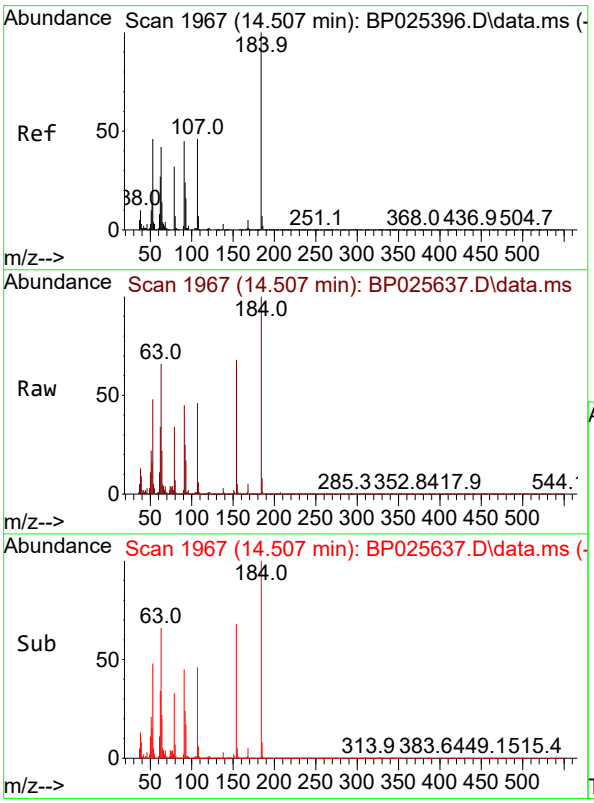
#53
3-Nitroaniline
Concen: 38.533 ng
RT: 14.284 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 338266

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	114.0	86.2	129.2

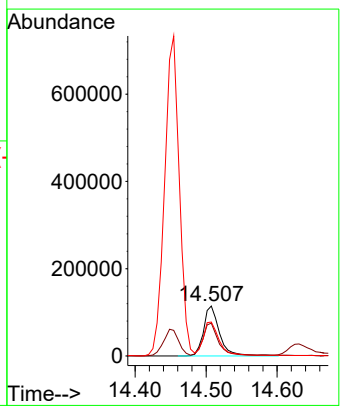


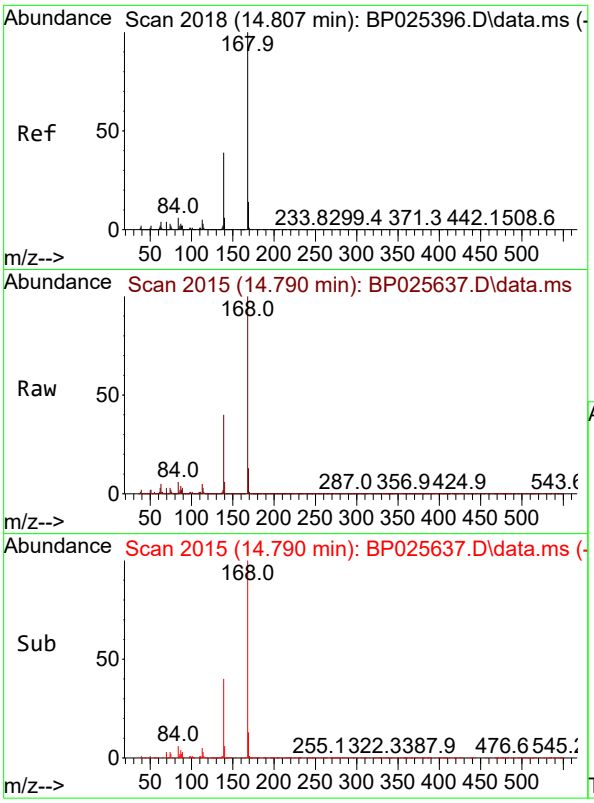


#54
2,4-Dinitrophenol
Concen: 43.027 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:184 Resp: 179284

Ion	Ratio	Lower	Upper
184	100		
63	65.9	49.4	74.2
154	67.9	54.6	82.0



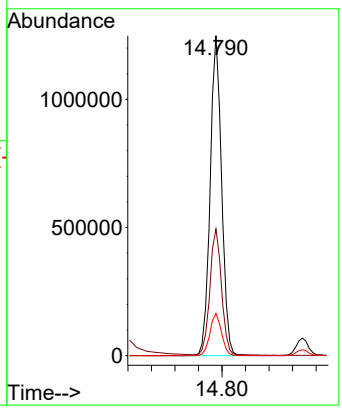


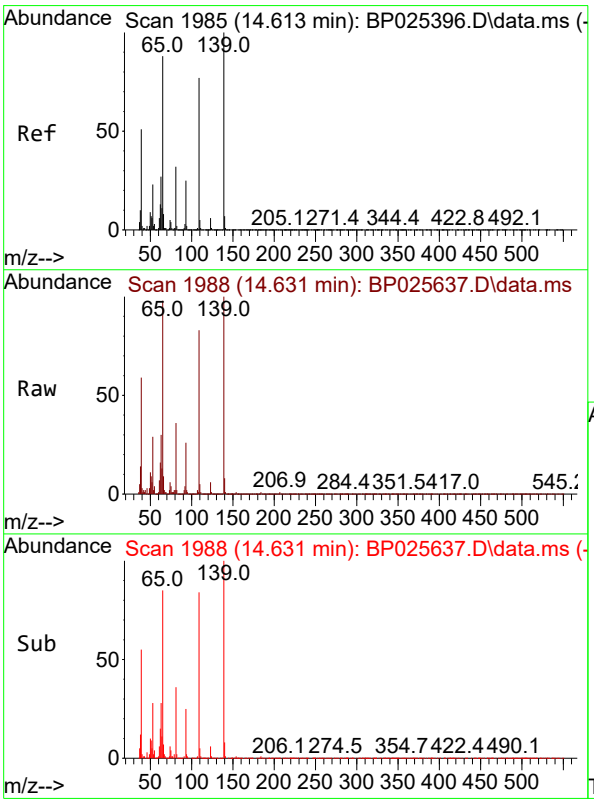
#55
Dibenzofuran
Concen: 38.439 ng
RT: 14.790 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1687117

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	13.2	10.9	16.3

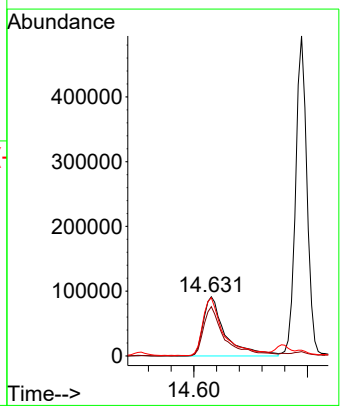


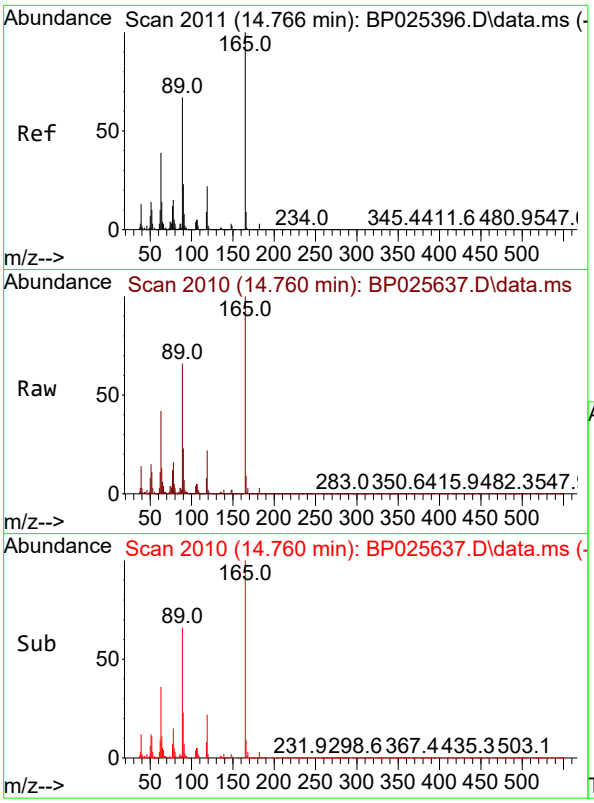


#56
4-Nitrophenol
Concen: 33.700 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:139 Resp: 243104

Ion	Ratio	Lower	Upper
139	100		
109	83.2	56.6	96.6
65	98.3	68.2	108.2



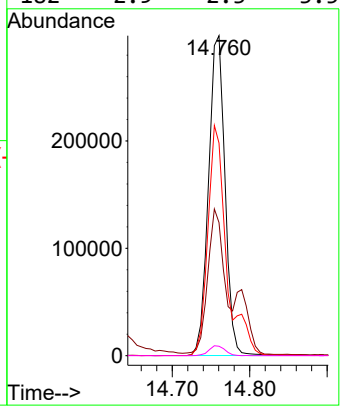


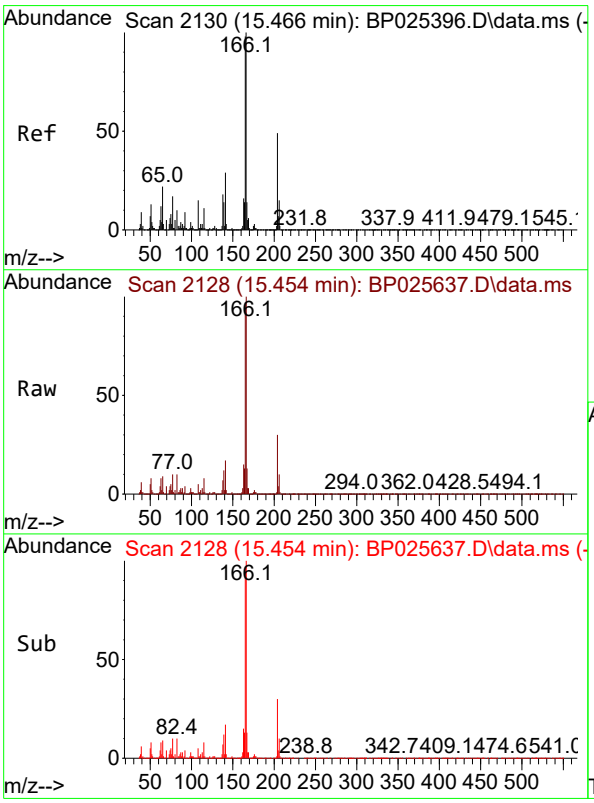
#57
2,4-Dinitrotoluene
Concen: 39.497 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 439695

Ion	Ratio	Lower	Upper
165	100		
63	41.6	31.4	47.2
89	66.4	53.3	79.9
182	2.9	2.3	3.5

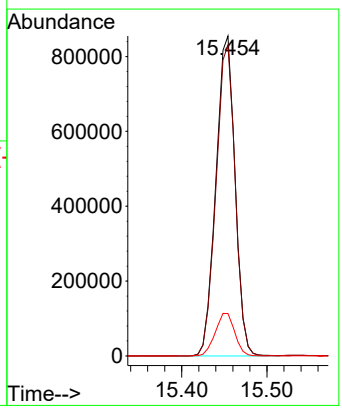


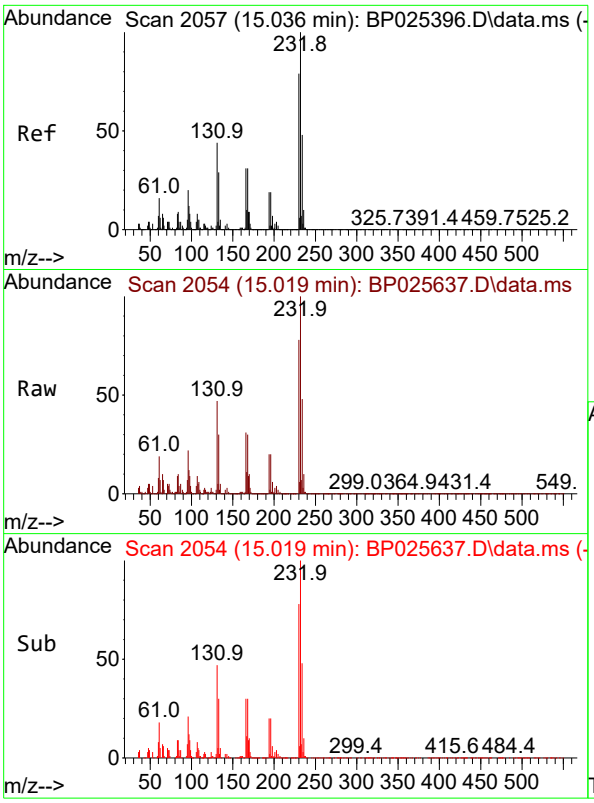


#58
Fluorene
Concen: 38.598 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:166 Resp: 1336736

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.8	118.2
167	13.2	11.0	16.4



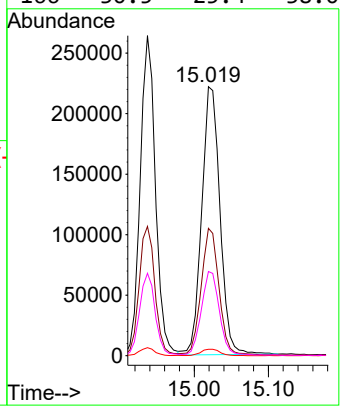


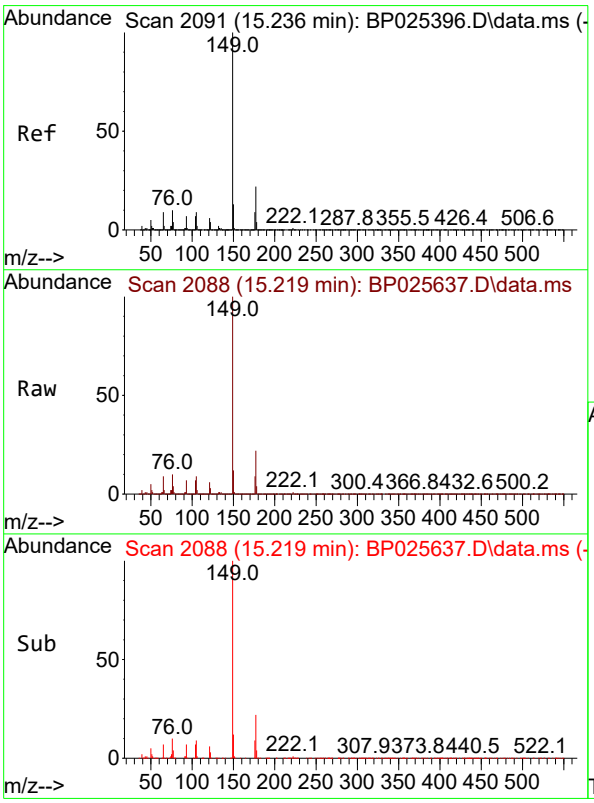
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.780 ng
RT: 15.019 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 379446

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.0	55.6
130	2.5	1.9	2.9
166	30.5	25.4	38.0

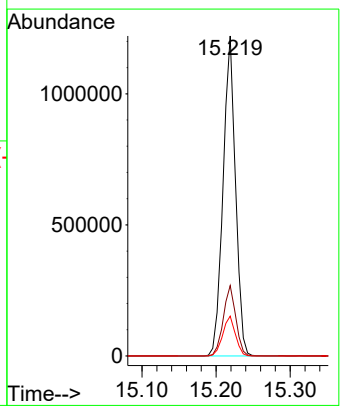


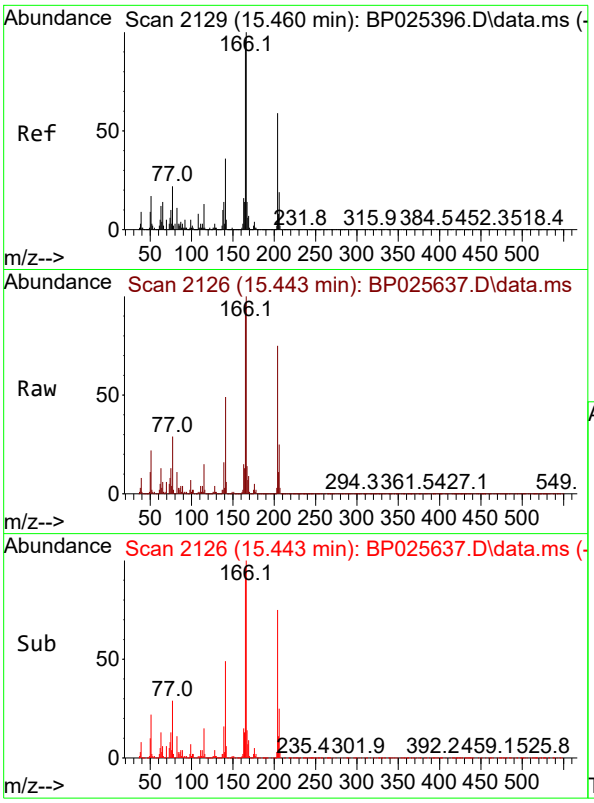


#60
Diethylphthalate
Concen: 37.888 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:149 Resp: 1425161

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.5	10.3	15.5



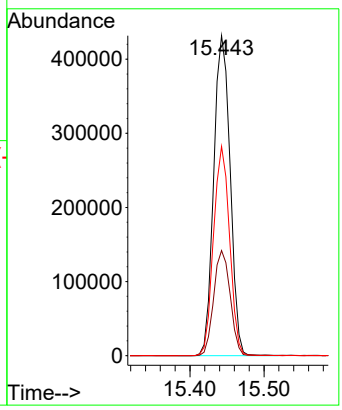


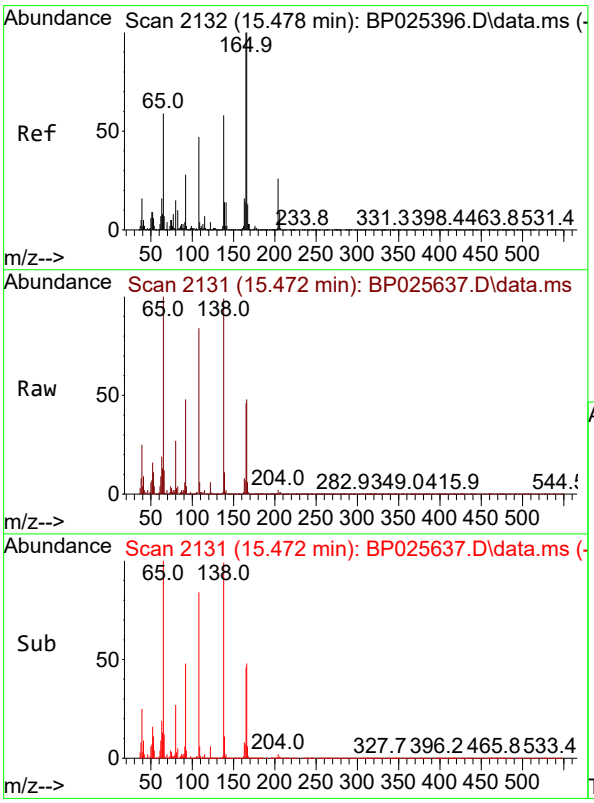
#61
4-Chlorophenyl-phenylether
Concen: 38.546 ng
RT: 15.443 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 663915

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	65.4	49.4	74.2

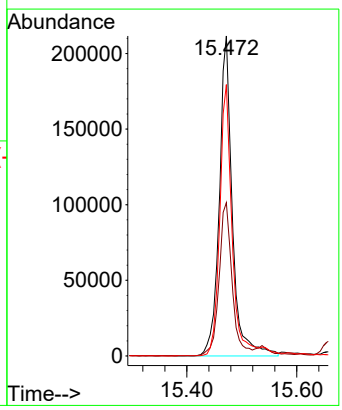


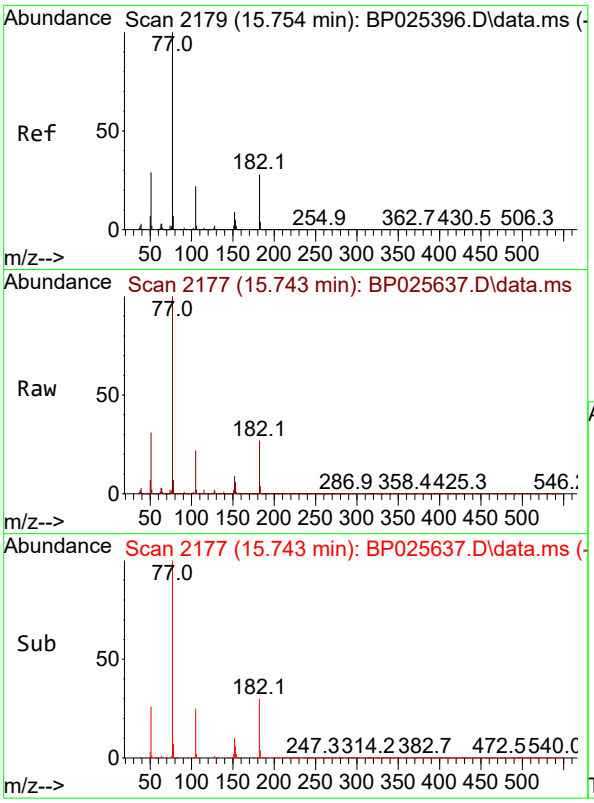


#62
4-Nitroaniline
Concen: 38.714 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:138 Resp: 348408

Ion	Ratio	Lower	Upper
138	100		
92	47.9	29.1	69.1
108	84.8	61.5	101.5



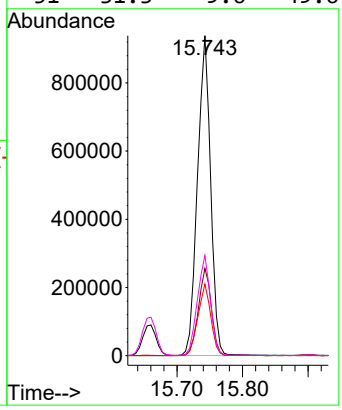


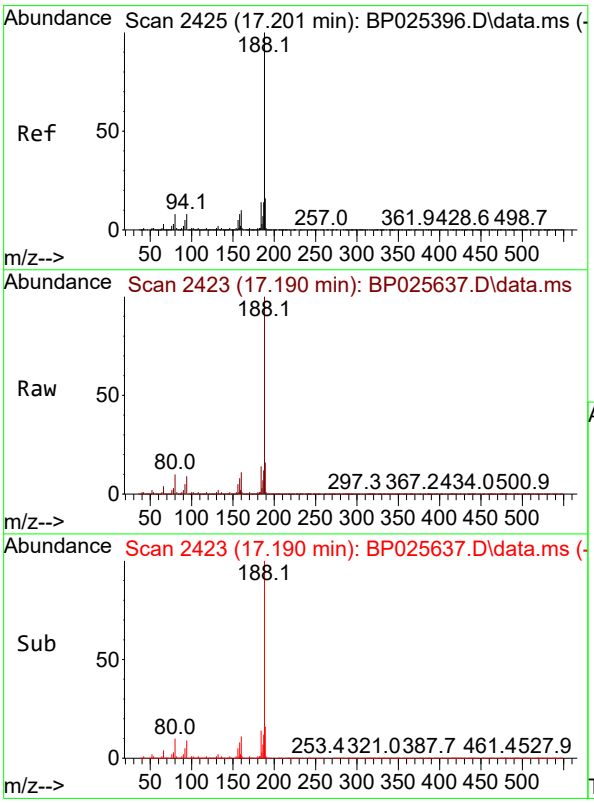
#63
Azobenzene
Concen: 40.576 ng
RT: 15.743 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1306891

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.5	47.5
105	22.4	2.1	42.1
51	31.3	9.6	49.6

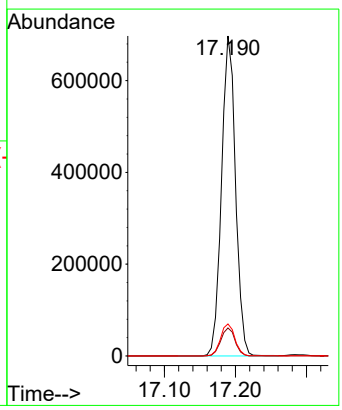


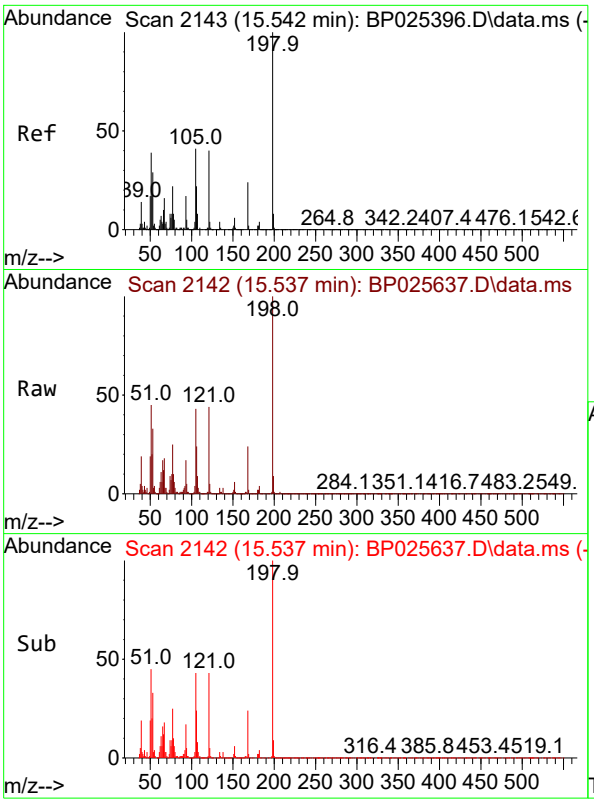


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:188 Resp: 949320

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	10.0	6.7	10.1



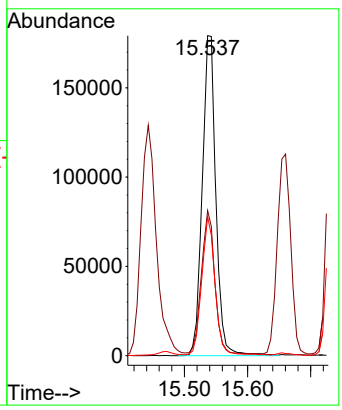


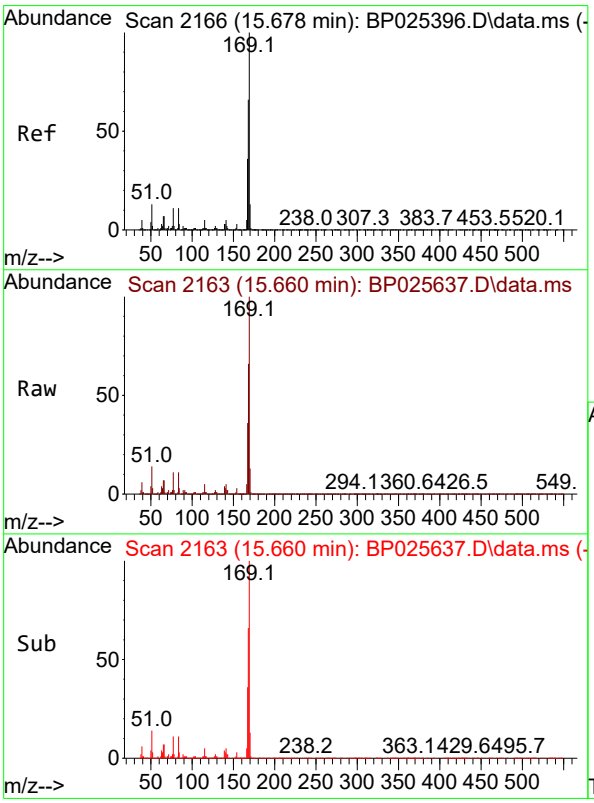
#65
4,6-Dinitro-2-methylphenol
Concen: 45.420 ng
RT: 15.537 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 268775

Ion	Ratio	Lower	Upper
198	100		
51	45.4	19.6	59.6
105	43.5	20.9	60.9

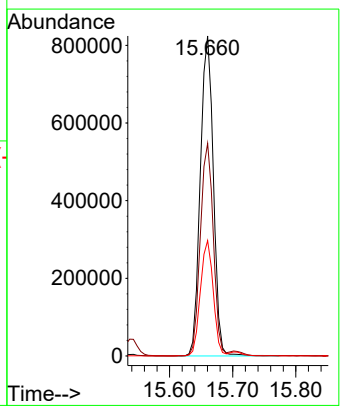


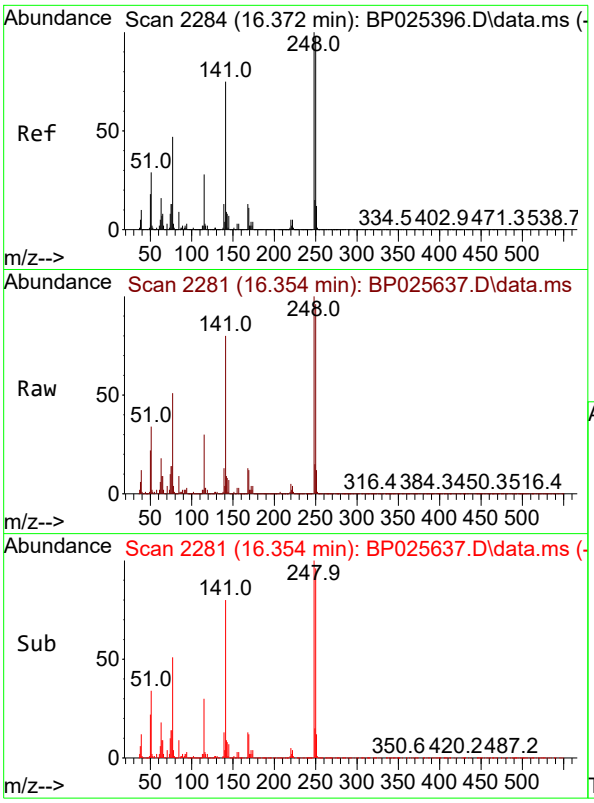


#66
n-Nitrosodiphenylamine
Concen: 40.823 ng
RT: 15.660 min Scan# 2163
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:169 Resp: 1181762

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.1	28.7	43.1



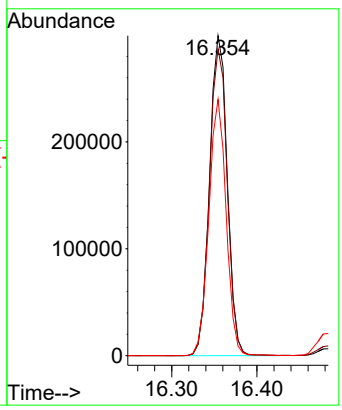


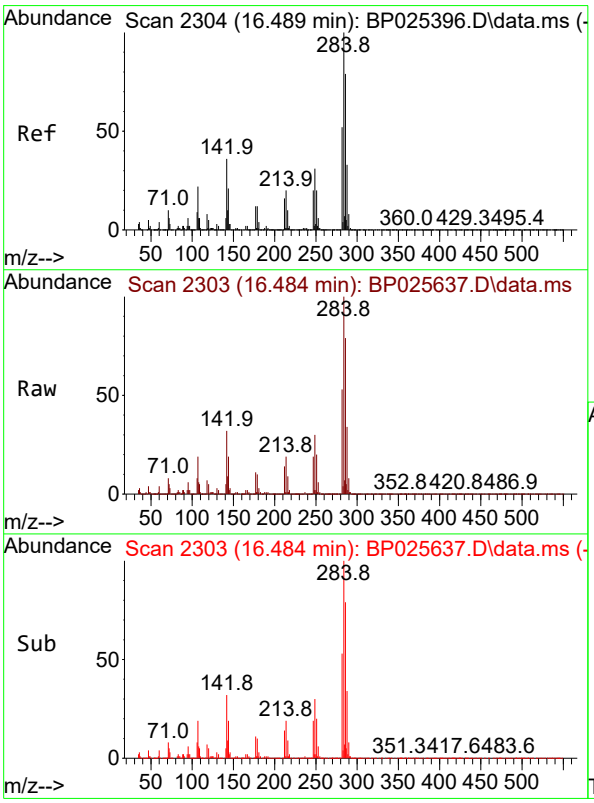
#67
4-Bromophenyl-phenylether
Concen: 41.650 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 434858

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	80.1	59.6	89.4

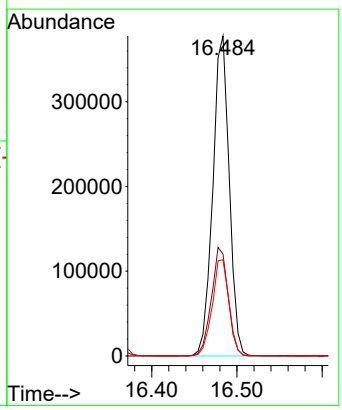


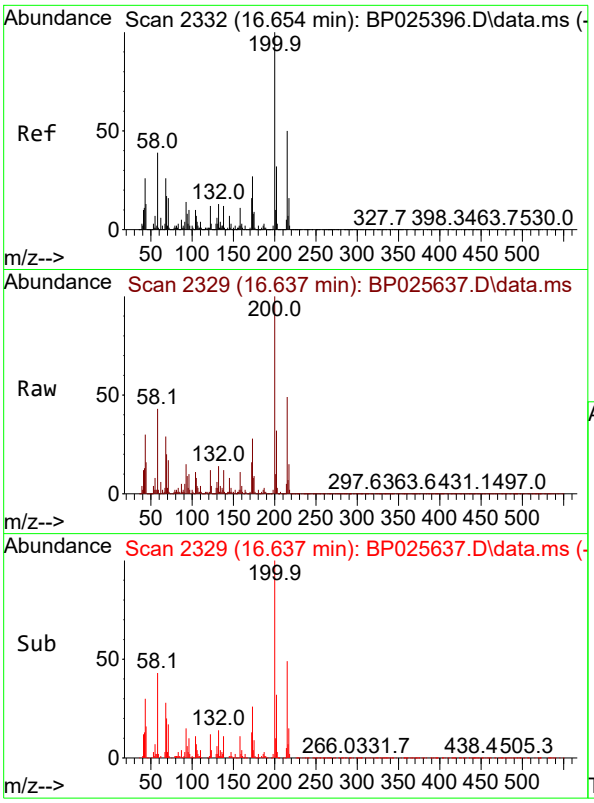


#68
Hexachlorobenzene
Concen: 41.832 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:284 Resp: 506288

Ion	Ratio	Lower	Upper
284	100		
142	31.8	29.1	43.7
249	30.1	25.0	37.4



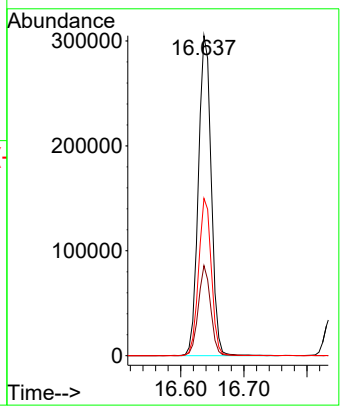


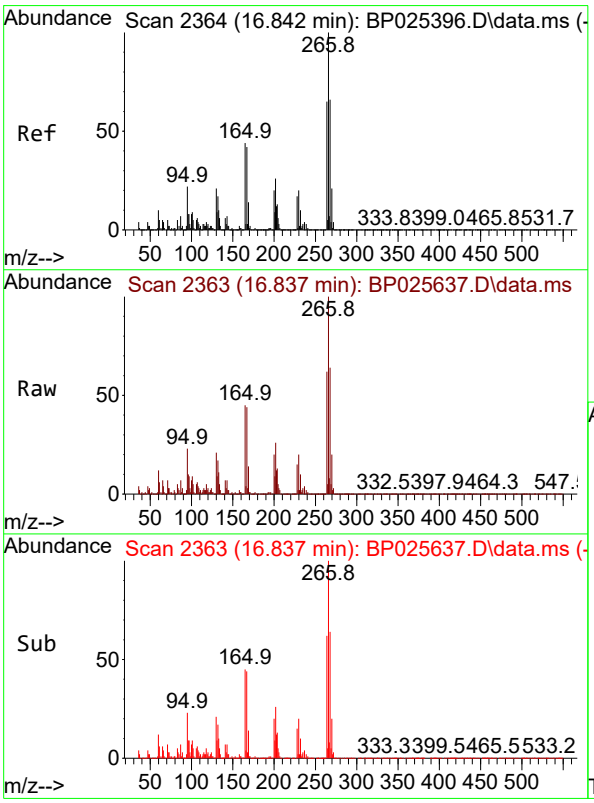
#69
Atrazine
Concen: 39.834 ng
RT: 16.637 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 431851

Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.7	46.7
215	49.2	29.7	69.7

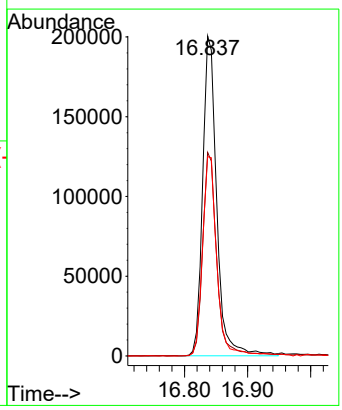


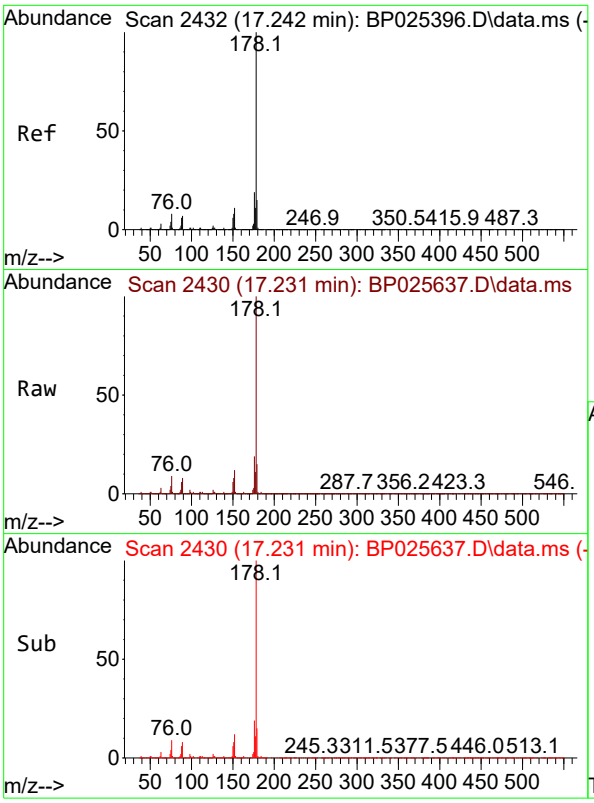


#70
Pentachlorophenol
Concen: 40.555 ng
RT: 16.837 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:266 Resp: 309843

Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.6	79.0
264	62.3	52.0	78.0



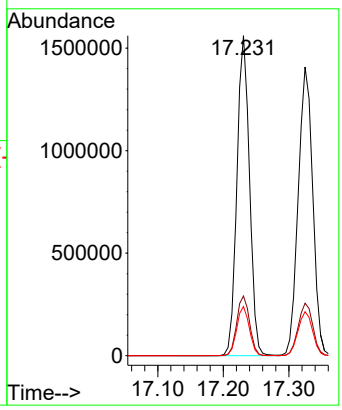


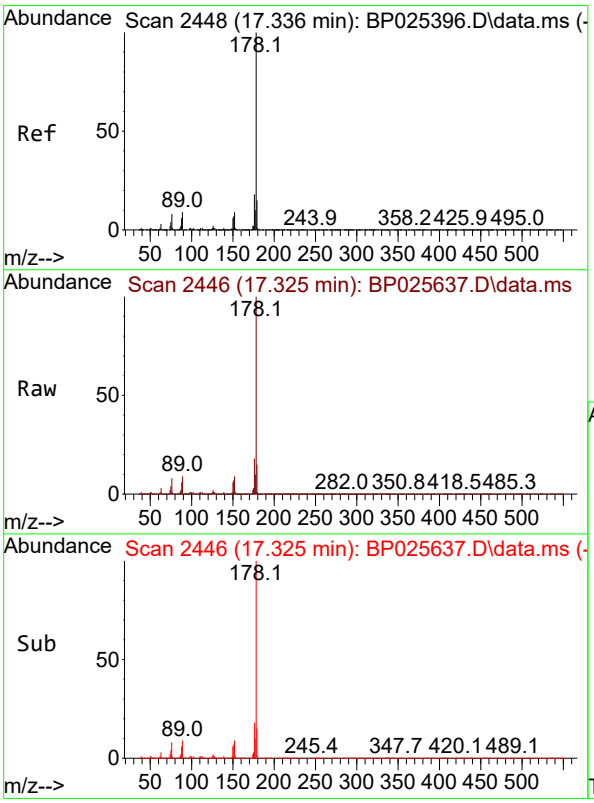
#71
Phenanthrene
Concen: 39.929 ng
RT: 17.231 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2082253

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.3	12.2	18.4

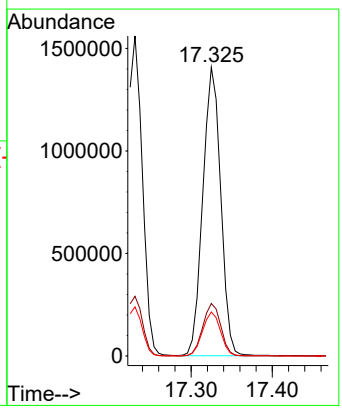


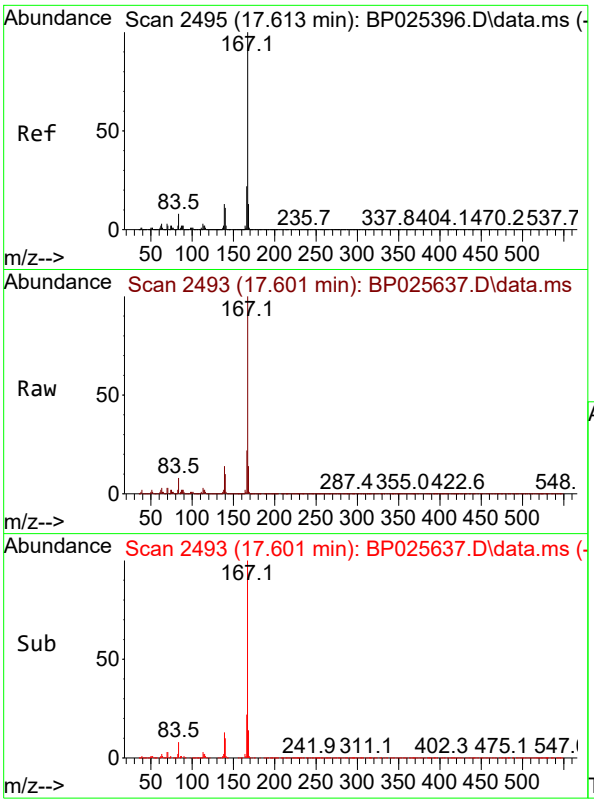


#72
Anthracene
Concen: 40.474 ng
RT: 17.325 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:178 Resp: 2155419

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.2	12.2	18.2



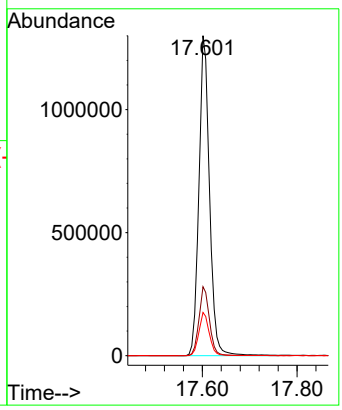


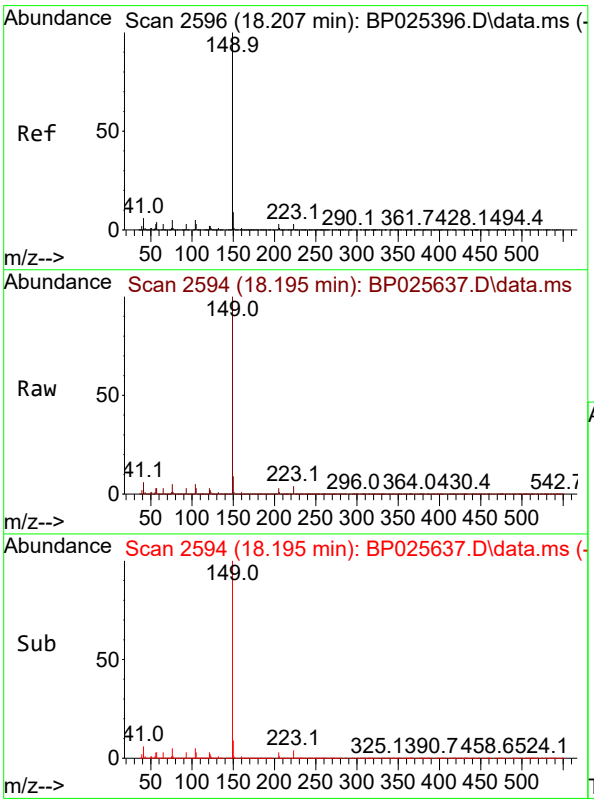
#73
Carbazole
Concen: 40.070 ng
RT: 17.601 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2009995

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.5	10.6	16.0

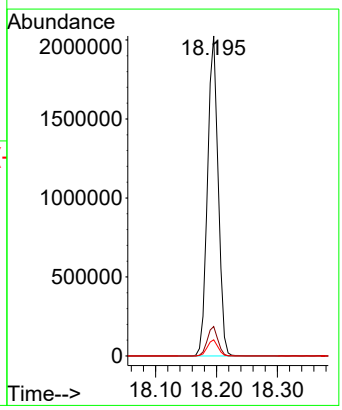


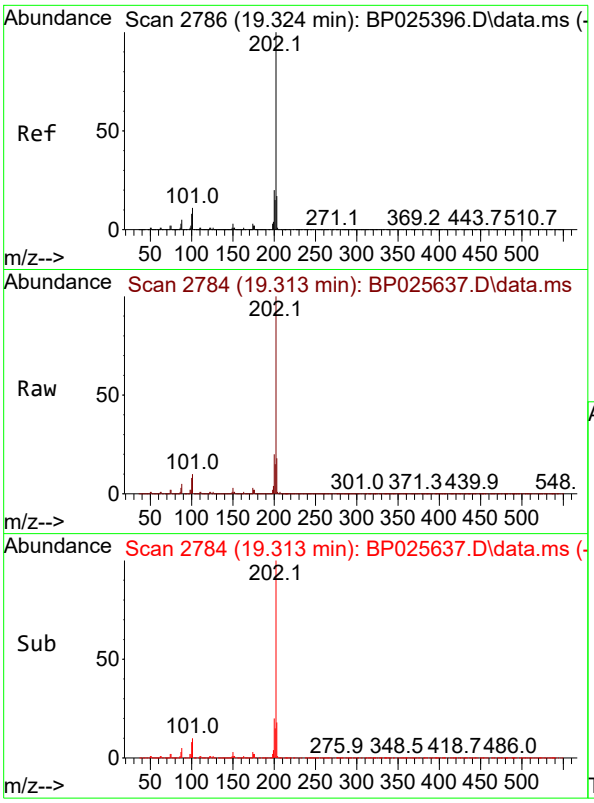


#74
Di-n-butylphthalate
Concen: 39.912 ng
RT: 18.195 min Scan# 2594
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:149 Resp: 2463156

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.2	6.2



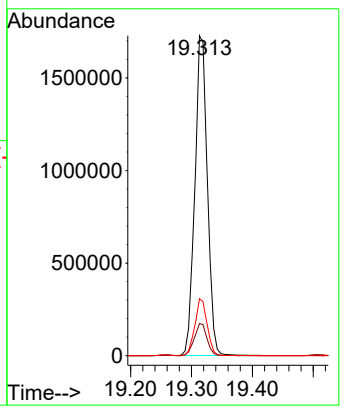


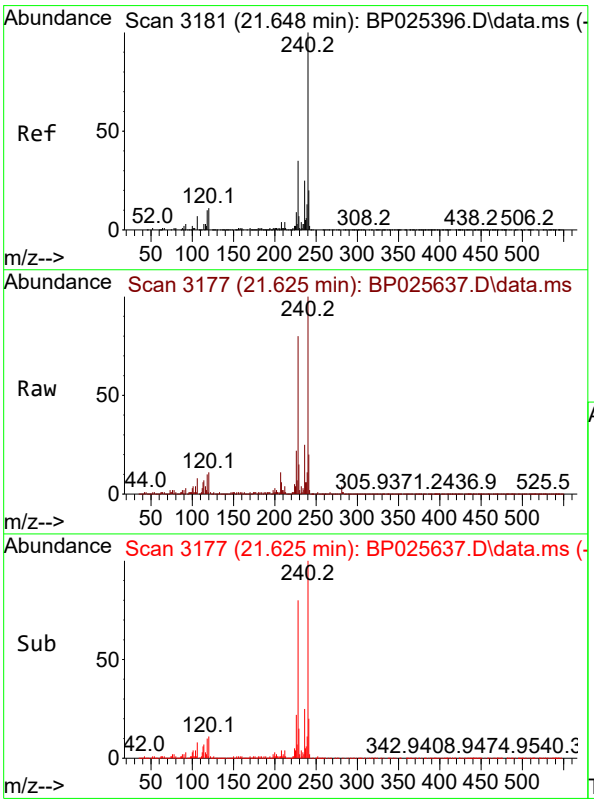
#75
Fluoranthene
Concen: 39.679 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 2468240

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.8	0.0	37.3

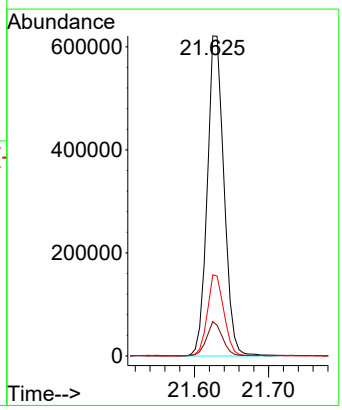


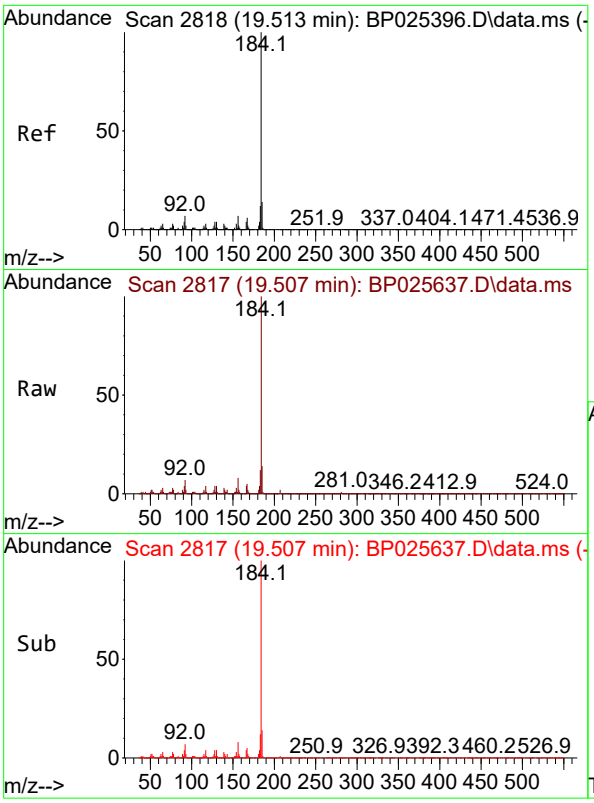


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3177
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:240 Resp: 971561

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.3	19.8	29.8



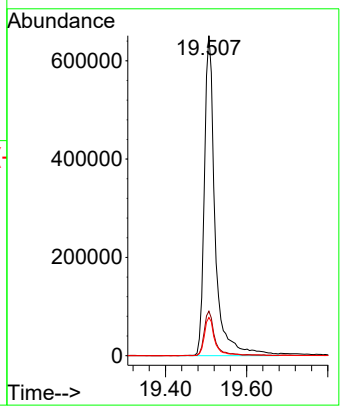


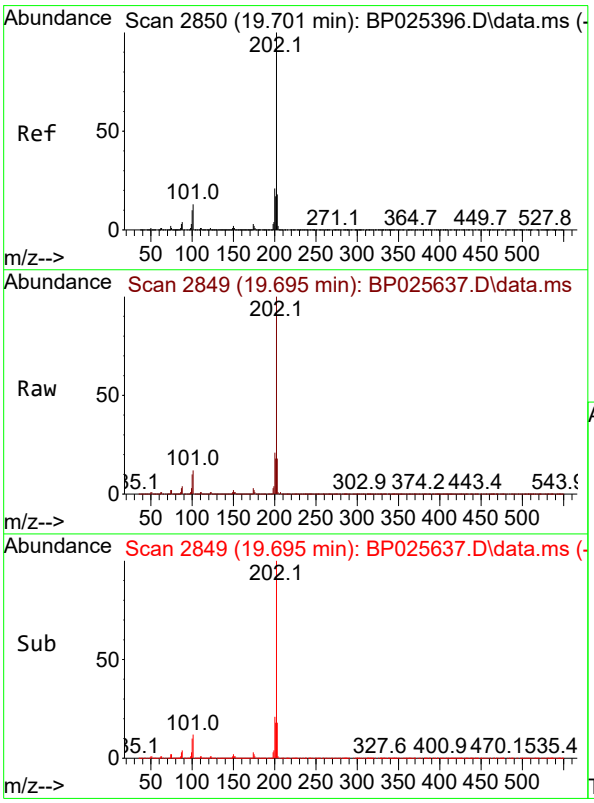
#77
Benzidine
Concen: 36.039 ng
RT: 19.507 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1194960

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.9	9.4	14.2

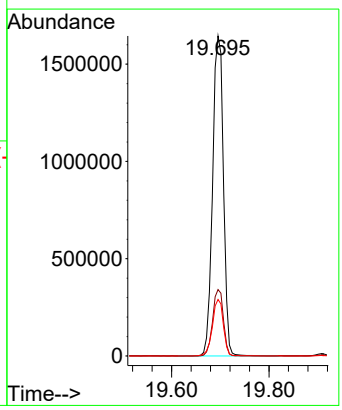


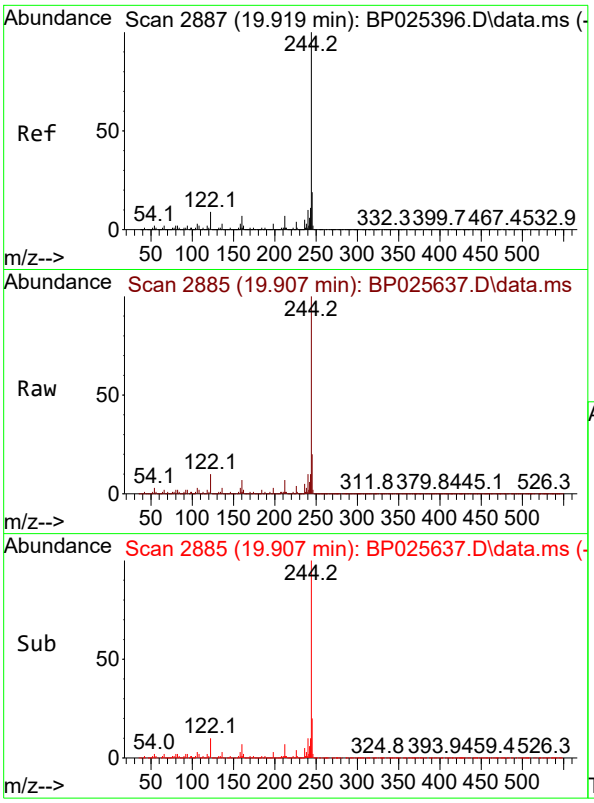


#78
Pyrene
Concen: 39.960 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:202 Resp: 2523442

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.6	14.2	21.2



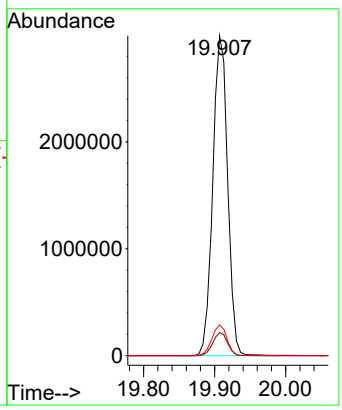


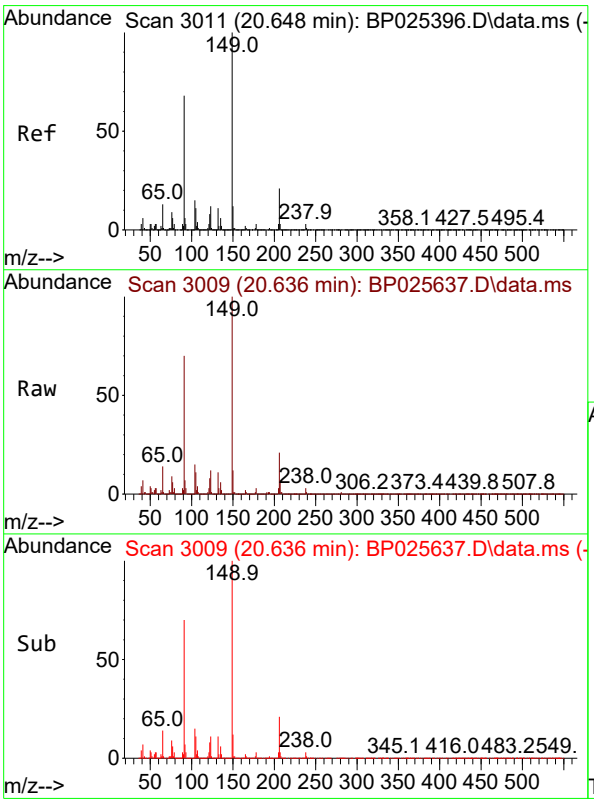
#79
Terphenyl-d14
Concen: 81.640 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 4335368

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.6	7.4	11.2

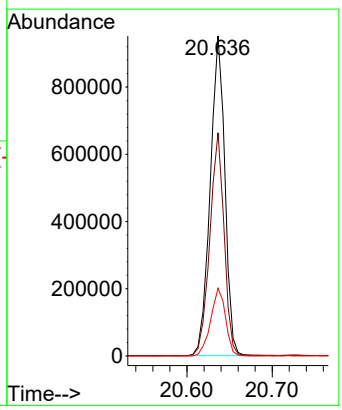


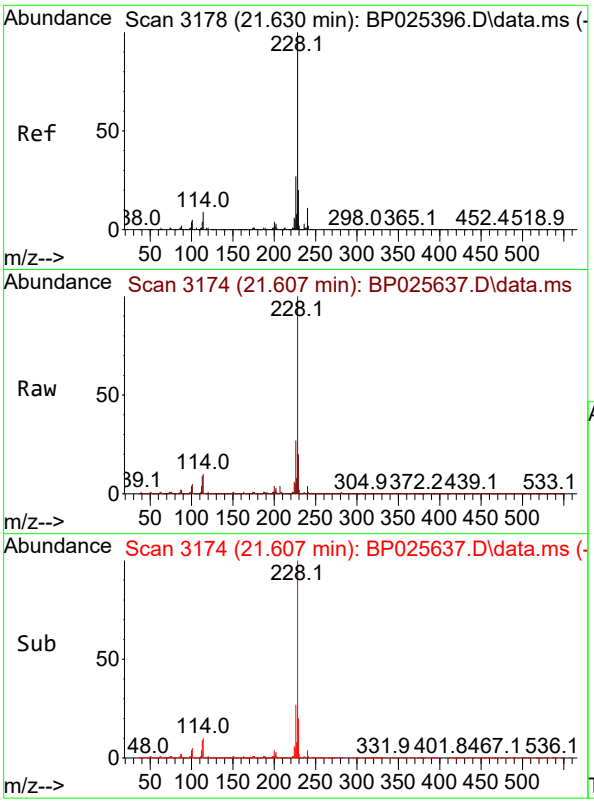


#80
Butylbenzylphthalate
Concen: 39.735 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.012 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:149 Resp: 1137207

Ion	Ratio	Lower	Upper
149	100		
91	69.7	54.2	81.2
206	21.1	16.6	24.8



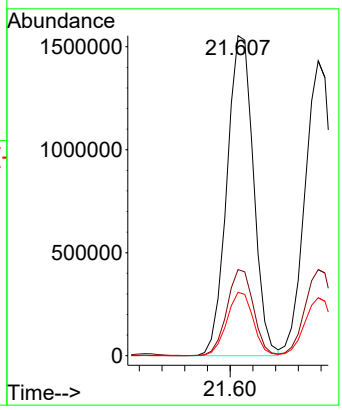


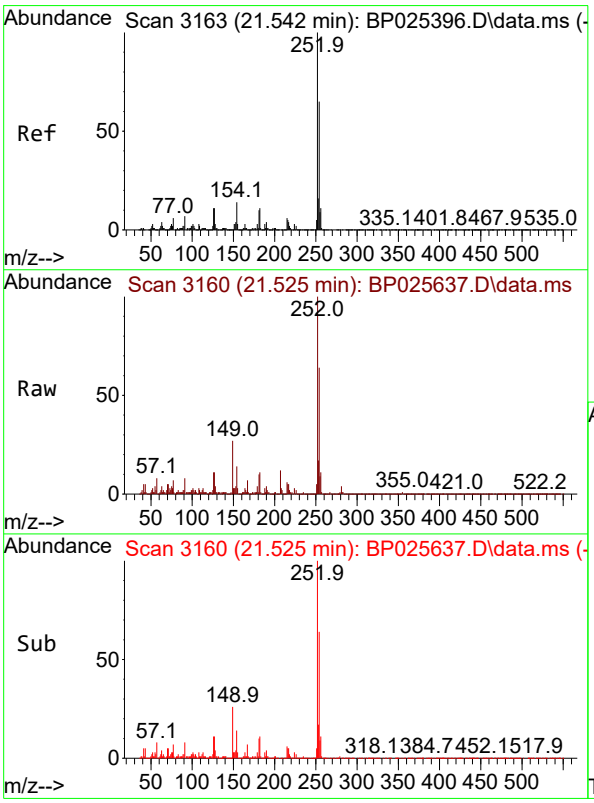
#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2520943

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	15.6	23.4

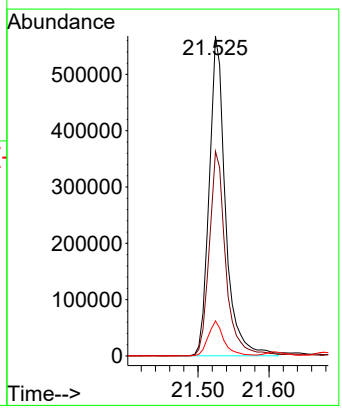


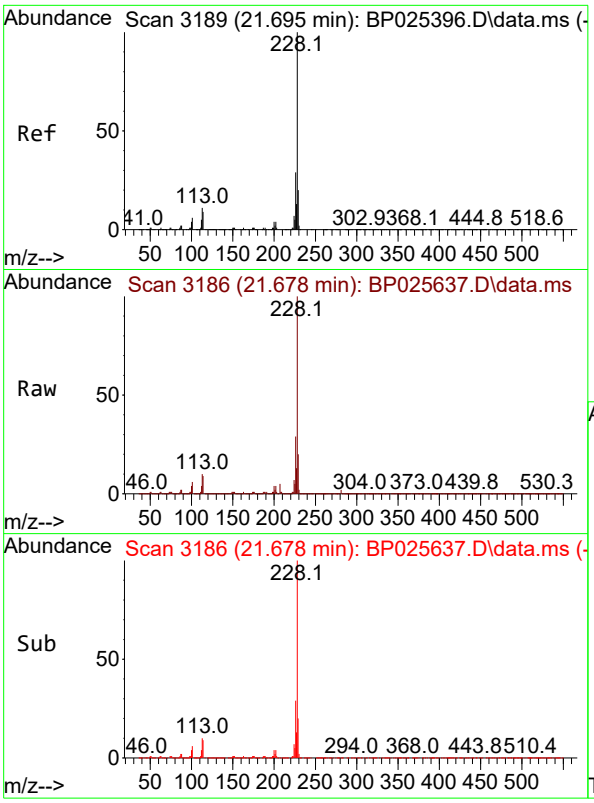


#82
3,3'-Dichlorobenzidine
Concen: 37.375 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:252 Resp: 902655

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	10.9	9.1	13.7



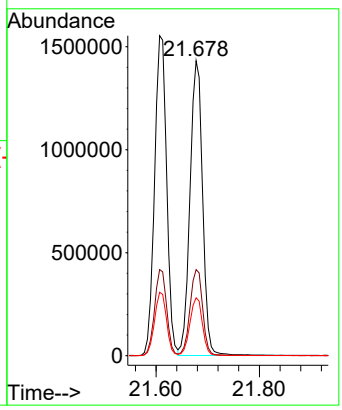


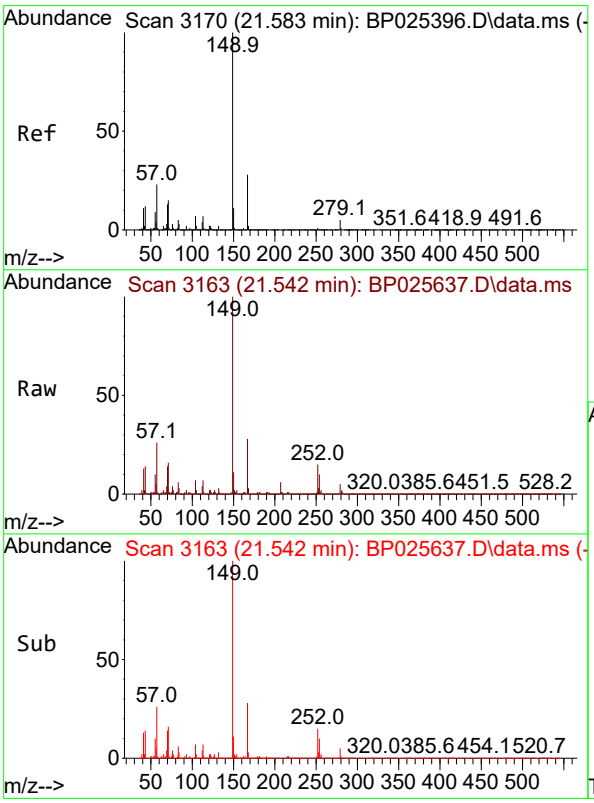
#83
Chrysene
Concen: 40.354 ng
RT: 21.678 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2421498

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	19.7	15.6	23.4

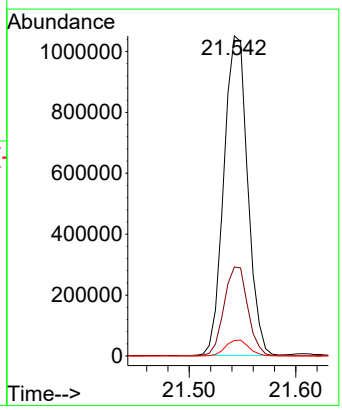


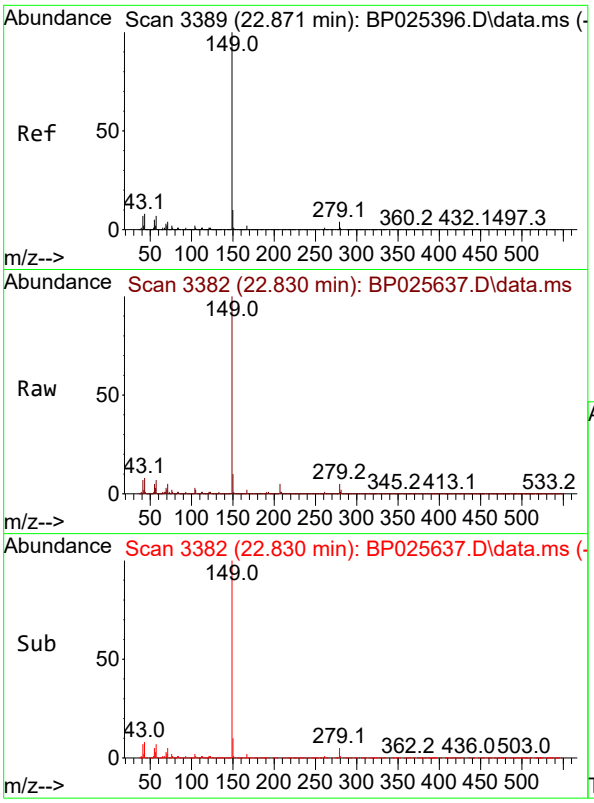


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.652 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.041 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:149 Resp: 1628412

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.9	3.8	5.6



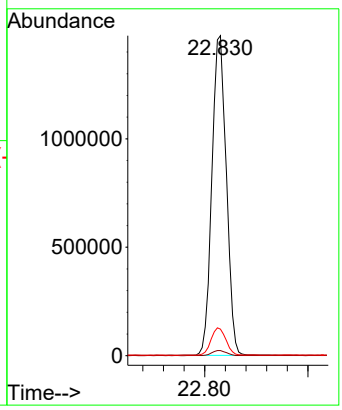


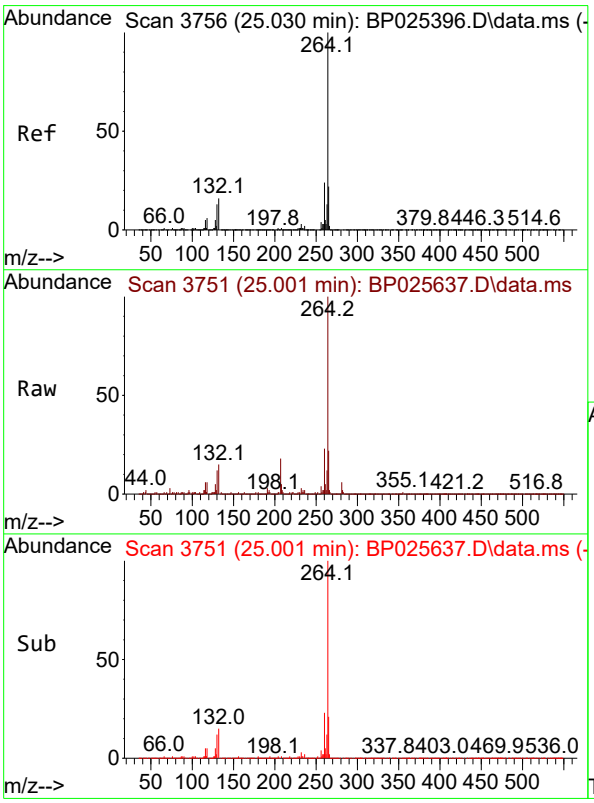
#85
Di-n-octyl phthalate
Concen: 39.401 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2855159

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	6.3	9.5

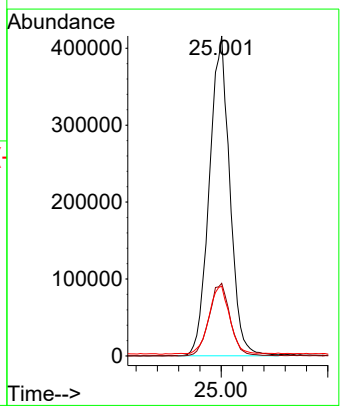


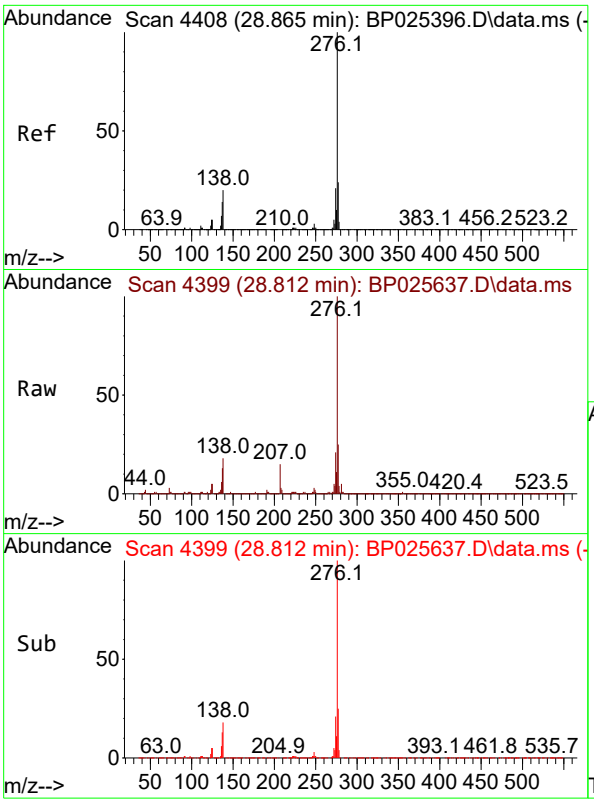


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:264 Resp: 1105926

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.8	17.4	26.0



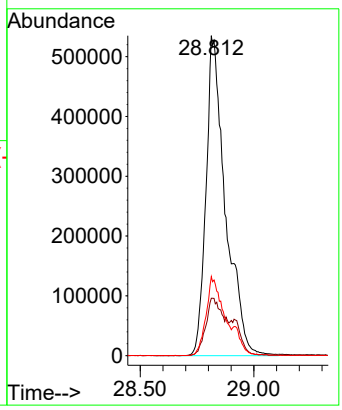


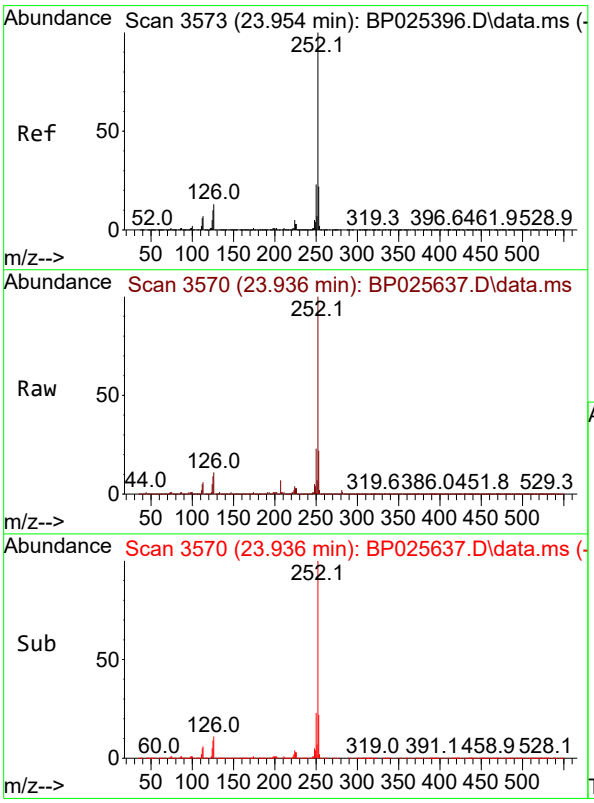
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.304 ng
RT: 28.812 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3187732

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.9	19.3
277	21.3	17.0	25.6

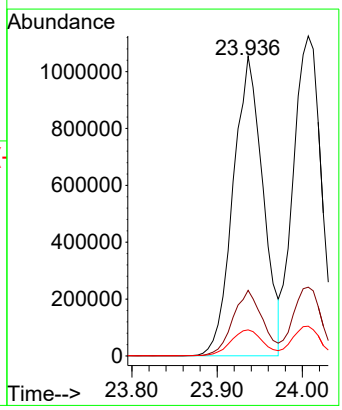


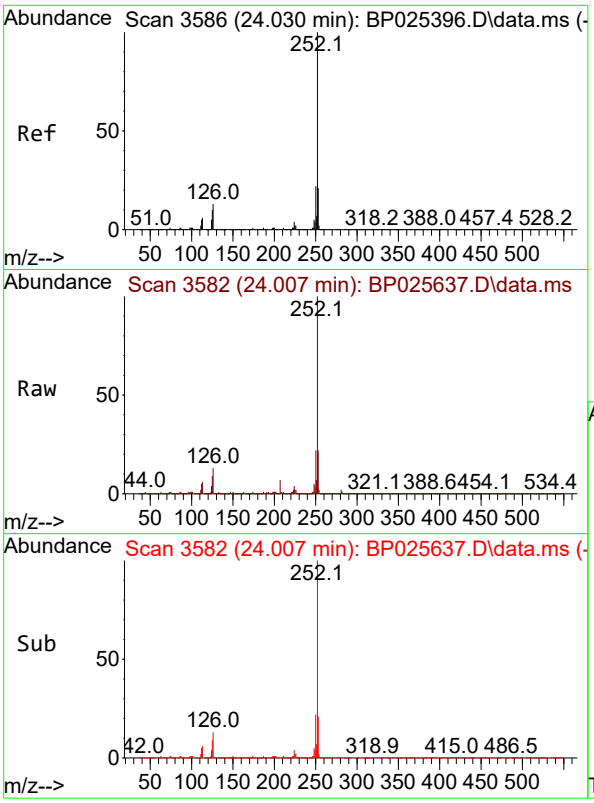


#88
Benzo(b)fluoranthene
Concen: 39.411 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.017 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:252 Resp: 2570108

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.7	7.9	11.9



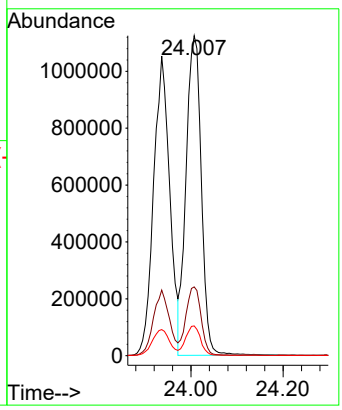


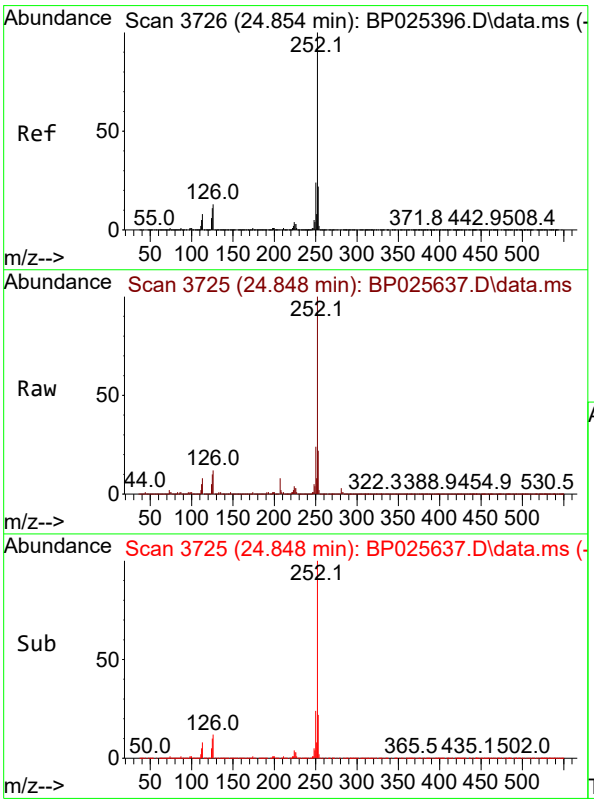
#89
Benzo(k)fluoranthene
Concen: 39.472 ng
RT: 24.007 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2575849

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.3	7.8	11.6

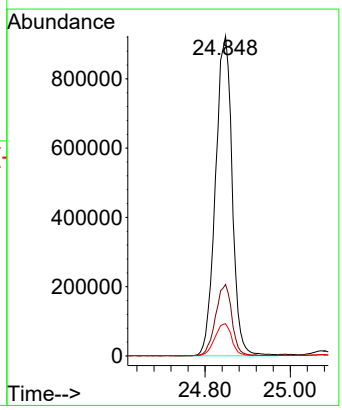


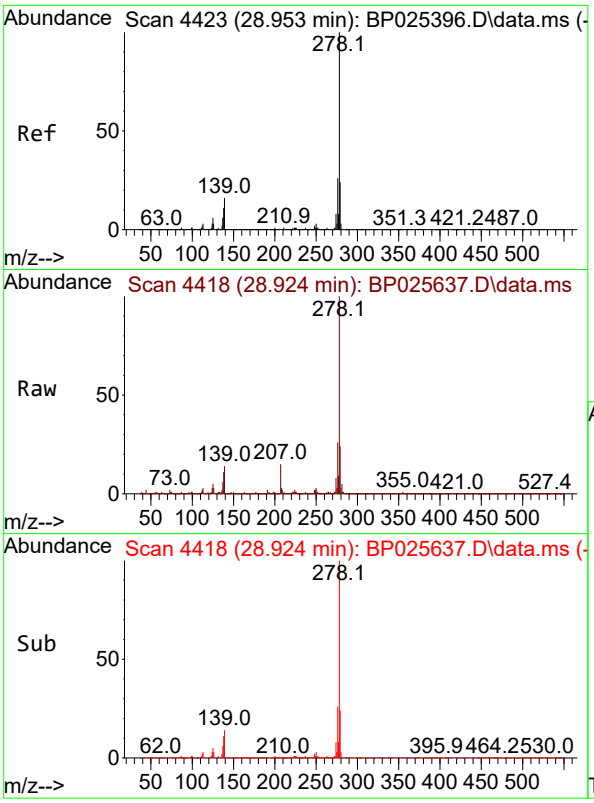


#90
Benzo(a)pyrene
Concen: 39.543 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.006 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:252 Resp: 2510169

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.1	8.7	13.1



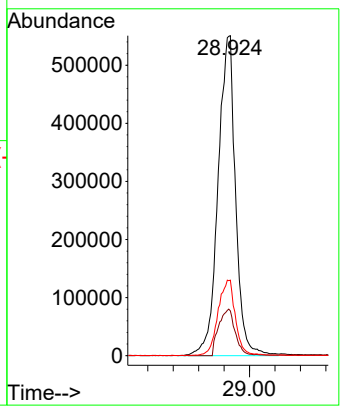


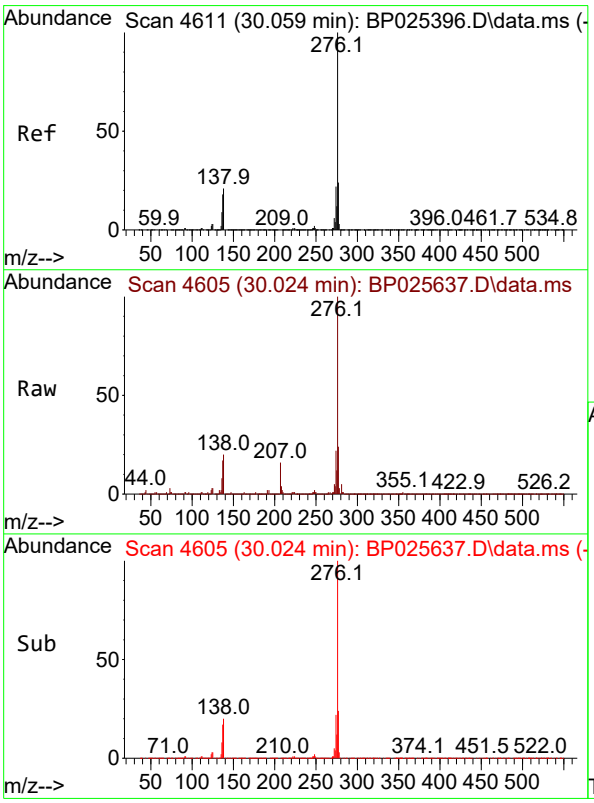
#91
Dibenzo(a,h)anthracene
Concen: 39.572 ng
RT: 28.924 min Scan# 44
Delta R.T. -0.029 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2622752

Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.0	19.4
279	23.6	19.4	29.2

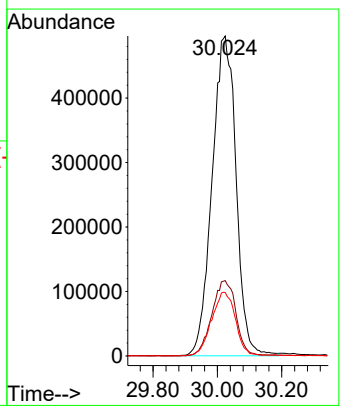




#92
Benzo(g,h,i)perylene
Concen: 39.380 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.035 min
Lab File: BP025637.D
Acq: 02 Sep 2025 14:07

Tgt Ion:276 Resp: 2565656

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	19.8	16.7	25.1



Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	125	-0.02
2		1,4-Dioxane	0.472	0.451	4.4	127	-0.02
3		Pyridine	1.291	1.268	1.8	130	-0.01
4		n-Nitrosodimethylamine	0.532	0.588	-10.5	144	-0.01
5	S	2-Fluorophenol	1.204	1.198	0.5	129	-0.01
6		Aniline	2.080	2.066	0.7	128	-0.02
7	S	Phenol-d6	1.544	1.531	0.8	127	0.00
8		2-Chlorophenol	1.359	1.340	1.4	128	-0.01
9		Benzaldehyde	1.082	1.314	-21.4	120	-0.02
10	C	Phenol	1.620	1.598	1.4	127	0.00
11		bis(2-Chloroethyl)ether	1.263	1.243	1.6	127	-0.02
12		1,3-Dichlorobenzene	1.499	1.499	0.0	130	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.497	2.3	128	-0.02
14		1,2-Dichlorobenzene	1.483	1.463	1.3	128	-0.02
15		Benzyl Alcohol	1.227	1.210	1.4	127	-0.02
16		2,2'-oxybis(1-Chloropropane	1.692	1.732	-2.4	134	-0.02
17		2-Methylphenol	1.125	1.100	2.2	124	-0.01
18		Hexachloroethane	0.563	0.567	-0.7	130	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	0.985	3.7	124	-0.02
20		3+4-Methylphenols	1.560	1.488	4.6	122	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	120	-0.02
22		Acetophenone	0.502	0.502	0.0	124	-0.01
23	S	Nitrobenzene-d5	0.395	0.404	-2.3	127	-0.02
24		Nitrobenzene	0.353	0.364	-3.1	127	-0.01
25		Isophorone	0.700	0.683	2.4	122	-0.02
26	C	2-Nitrophenol	0.181	0.188	-3.9	125	-0.02
27		2,4-Dimethylphenol	0.312	0.305	2.2	119	-0.02
28		bis(2-Chloroethoxy)methane	0.423	0.411	2.8	122	-0.02
29	C	2,4-Dichlorophenol	0.310	0.297	4.2	117	-0.01
30		1,2,4-Trichlorobenzene	0.340	0.336	1.2	124	-0.02
31		Naphthalene	1.040	1.017	2.2	122	-0.02
32		Benzoic acid	0.230	0.215	6.5	114	0.02
33		4-Chloroaniline	0.459	0.443	3.5	118	-0.02
34	C	Hexachlorobutadiene	0.211	0.213	-0.9	125	-0.03
35		Caprolactam	0.114	0.108	5.3	118	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	120	0.00
37		2-Methylnaphthalene	0.676	0.649	4.0	120	-0.02
38		1-Methylnaphthalene	0.719	0.680	5.4	119	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	115	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.584	-1.0	120	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.328	6.0	108	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.275	-2.2	120	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.391	-0.3	117	-0.02
44		2,4,5-Trichlorophenol	0.427	0.425	0.5	115	0.00
45	S	2-Fluorobiphenyl	1.463	1.440	1.6	119	-0.02
46		1,1'-Biphenyl	1.453	1.437	1.1	117	-0.02
47		2-Chloronaphthalene	1.131	1.113	1.6	116	-0.02

Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	0.329	0.349	-6.1	121	-0.02
49		Acenaphthylene	1.871	1.833	2.0	116	-0.02
50		Dimethylphthalate	1.465	1.429	2.5	117	-0.02
51		2,6-Dinitrotoluene	0.309	0.304	1.6	113	-0.01
52	C	Acenaphthene	1.098	1.046	4.7	115	-0.01
53		3-Nitroaniline	0.347	0.335	3.5	112	-0.02
54	P	2,4-Dinitrophenol	0.165	0.177	-7.3	124	0.00
55		Dibenzofuran	1.736	1.669	3.9	114	-0.02
56	P	4-Nitrophenol	0.285	0.240	15.8	99	0.02
57		2,4-Dinitrotoluene	0.440	0.435	1.1	114	0.00
58		Fluorene	1.370	1.322	3.5	116	-0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.375	0.5	117	-0.02
60		Diethylphthalate	1.488	1.410	5.2	113	-0.02
61		4-Chlorophenyl-phenylether	0.681	0.657	3.5	116	-0.02
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.293	-1.5	120	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	107	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	124	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.622	-2.0	113	-0.02
67		4-Bromophenyl-phenylether	0.220	0.229	-4.1	115	-0.02
68		Hexachlorobenzene	0.255	0.267	-4.7	118	0.00
69		Atrazine	0.228	0.227	0.4	112	-0.02
70	C	Pentachlorophenol	0.161	0.163	-1.2	111	0.00
71		Phenanthrene	1.099	1.097	0.2	113	-0.01
72		Anthracene	1.122	1.135	-1.2	113	-0.01
73		Carbazole	1.057	1.059	-0.2	113	-0.01
74		Di-n-butylphthalate	1.300	1.297	0.2	112	-0.01
75	C	Fluoranthene	1.311	1.300	0.8	114	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	108	-0.02
77		Benzidine	0.683	0.615	10.0	69	0.00
78		Pyrene	1.300	1.299	0.1	110	0.00
79	S	Terphenyl-d14	1.093	1.116	-2.1	115	-0.01
80		Butylbenzylphthalate	0.589	0.585	0.7	109	-0.01
81		Benzo(a)anthracene	1.319	1.297	1.7	111	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.465	6.4	103	-0.02
83		Chrysene	1.235	1.246	-0.9	114	-0.02
84		Bis(2-ethylhexyl)phthalate	0.867	0.838	3.3	109	-0.04
85	c	Di-n-octyl phthalate	1.492	1.469	1.5	110	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	108	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.441	1.8	111	-0.05
88		Benzo(b)fluoranthene	1.179	1.162	1.4	111	-0.02
89		Benzo(k)fluoranthene	1.180	1.165	1.3	112	-0.02
90	C	Benzo(a)pyrene	1.148	1.135	1.1	111	0.00
91		Dibenzo(a,h)anthracene	1.199	1.186	1.1	111	-0.03
92		Benzo(g,h,i)perylene	1.178	1.160	1.5	110	-0.04

Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	125	-0.02
2		1,4-Dioxane	40.000	38.241	4.4	127	-0.02
3		Pyridine	40.000	39.295	1.8	130	-0.01
4		n-Nitrosodimethylamine	40.000	44.178	-10.4	144	-0.01
5	S	2-Fluorophenol	80.000	79.567	0.5	129	-0.01
6		Aniline	40.000	39.717	0.7	128	-0.02
7	S	Phenol-d6	80.000	79.349	0.8	127	0.00
8		2-Chlorophenol	40.000	39.440	1.4	128	-0.01
9		Benzaldehyde	40.000	48.571	-21.4	120	-0.02
10	C	Phenol	40.000	39.461	1.3	127	0.00
11		bis(2-Chloroethyl)ether	40.000	39.385	1.5	127	-0.02
12		1,3-Dichlorobenzene	40.000	40.022	-0.1	130	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.095	2.3	128	-0.02
14		1,2-Dichlorobenzene	40.000	39.476	1.3	128	-0.02
15		Benzyl Alcohol	40.000	39.445	1.4	127	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	40.953	-2.4	134	-0.02
17		2-Methylphenol	40.000	39.105	2.2	124	-0.01
18		Hexachloroethane	40.000	40.256	-0.6	130	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	38.506	3.7	124	-0.02
20		3+4-Methylphenols	40.000	38.154	4.6	122	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	120	-0.02
22		Acetophenone	40.000	39.998	0.0	124	-0.01
23	S	Nitrobenzene-d5	80.000	81.747	-2.2	127	-0.02
24		Nitrobenzene	40.000	41.226	-3.1	127	-0.01
25		Isophorone	40.000	39.040	2.4	122	-0.02
26	C	2-Nitrophenol	40.000	41.413	-3.5	125	-0.02
27		2,4-Dimethylphenol	40.000	39.119	2.2	119	-0.02
28		bis(2-Chloroethoxy)methane	40.000	38.861	2.8	122	-0.02
29	C	2,4-Dichlorophenol	40.000	38.389	4.0	117	-0.01
30		1,2,4-Trichlorobenzene	40.000	39.529	1.2	124	-0.02
31		Naphthalene	40.000	39.118	2.2	122	-0.02
32		Benzoic acid	40.000	37.409	6.5	114	0.02
33		4-Chloroaniline	40.000	38.631	3.4	118	-0.02
34	C	Hexachlorobutadiene	40.000	40.295	-0.7	125	-0.03
35		Caprolactam	40.000	37.886	5.3	118	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.794	3.0	120	0.00
37		2-Methylnaphthalene	40.000	38.349	4.1	120	-0.02
38		1-Methylnaphthalene	40.000	37.816	5.5	119	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	115	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	40.448	-1.1	120	-0.02
41	P	Hexachlorocyclopentadiene	40.000	37.582	6.0	108	-0.02
42	S	2,4,6-Tribromophenol	80.000	81.590	-2.0	120	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.112	-0.3	117	-0.02
44		2,4,5-Trichlorophenol	40.000	39.770	0.6	115	0.00
45	S	2-Fluorobiphenyl	80.000	78.744	1.6	119	-0.02
46		1,1'-Biphenyl	40.000	39.563	1.1	117	-0.02
47		2-Chloronaphthalene	40.000	39.362	1.6	116	-0.02

Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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	42.385	-6.0	121	-0.02
49		Acenaphthylene	40.000	39.193	2.0	116	-0.02
50		Dimethylphthalate	40.000	39.018	2.5	117	-0.02
51		2,6-Dinitrotoluene	40.000	39.450	1.4	113	-0.01
52	C	Acenaphthene	40.000	38.105	4.7	115	-0.01
53		3-Nitroaniline	40.000	38.533	3.7	112	-0.02
54	P	2,4-Dinitrophenol	40.000	43.027	-7.6	124	0.00
55		Dibenzofuran	40.000	38.439	3.9	114	-0.02
56	P	4-Nitrophenol	40.000	33.700	15.7	99	0.02
57		2,4-Dinitrotoluene	40.000	39.497	1.3	114	0.00
58		Fluorene	40.000	38.598	3.5	116	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.780	0.5	117	-0.02
60		Diethylphthalate	40.000	37.888	5.3	113	-0.02
61		4-Chlorophenyl-phenylether	40.000	38.546	3.6	116	-0.02
62		4-Nitroaniline	40.000	38.714	3.2	112	0.00
63		Azobenzene	40.000	40.576	-1.4	120	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	107	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	45.420	-13.6	124	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.823	-2.1	113	-0.02
67		4-Bromophenyl-phenylether	40.000	41.650	-4.1	115	-0.02
68		Hexachlorobenzene	40.000	41.832	-4.6	118	0.00
69		Atrazine	40.000	39.834	0.4	112	-0.02
70	C	Pentachlorophenol	40.000	40.555	-1.4	111	0.00
71		Phenanthrene	40.000	39.929	0.2	113	-0.01
72		Anthracene	40.000	40.474	-1.2	113	-0.01
73		Carbazole	40.000	40.070	-0.2	113	-0.01
74		Di-n-butylphthalate	40.000	39.912	0.2	112	-0.01
75	C	Fluoranthene	40.000	39.679	0.8	114	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	108	-0.02
77		Benzidine	40.000	36.039	9.9	69	0.00
78		Pyrene	40.000	39.960	0.1	110	0.00
79	S	Terphenyl-d14	80.000	81.640	-2.1	115	-0.01
80		Butylbenzylphthalate	40.000	39.735	0.7	109	-0.01
81		Benzo(a)anthracene	40.000	39.344	1.6	111	-0.02
82		3,3'-Dichlorobenzidine	40.000	37.375	6.6	103	-0.02
83		Chrysene	40.000	40.354	-0.9	114	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	38.652	3.4	109	-0.04
85	c	Di-n-octyl phthalate	40.000	39.401	1.5	110	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	108	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.304	1.7	111	-0.05
88		Benzo(b)fluoranthene	40.000	39.411	1.5	111	-0.02
89		Benzo(k)fluoranthene	40.000	39.472	1.3	112	-0.02
90	C	Benzo(a)pyrene	40.000	39.543	1.1	111	0.00
91		Dibenzo(a,h)anthracene	40.000	39.572	1.1	111	-0.03
92		Benzo(g,h,i)perylene	40.000	39.380	1.5	110	-0.04

Sample Results: **BP025637.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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

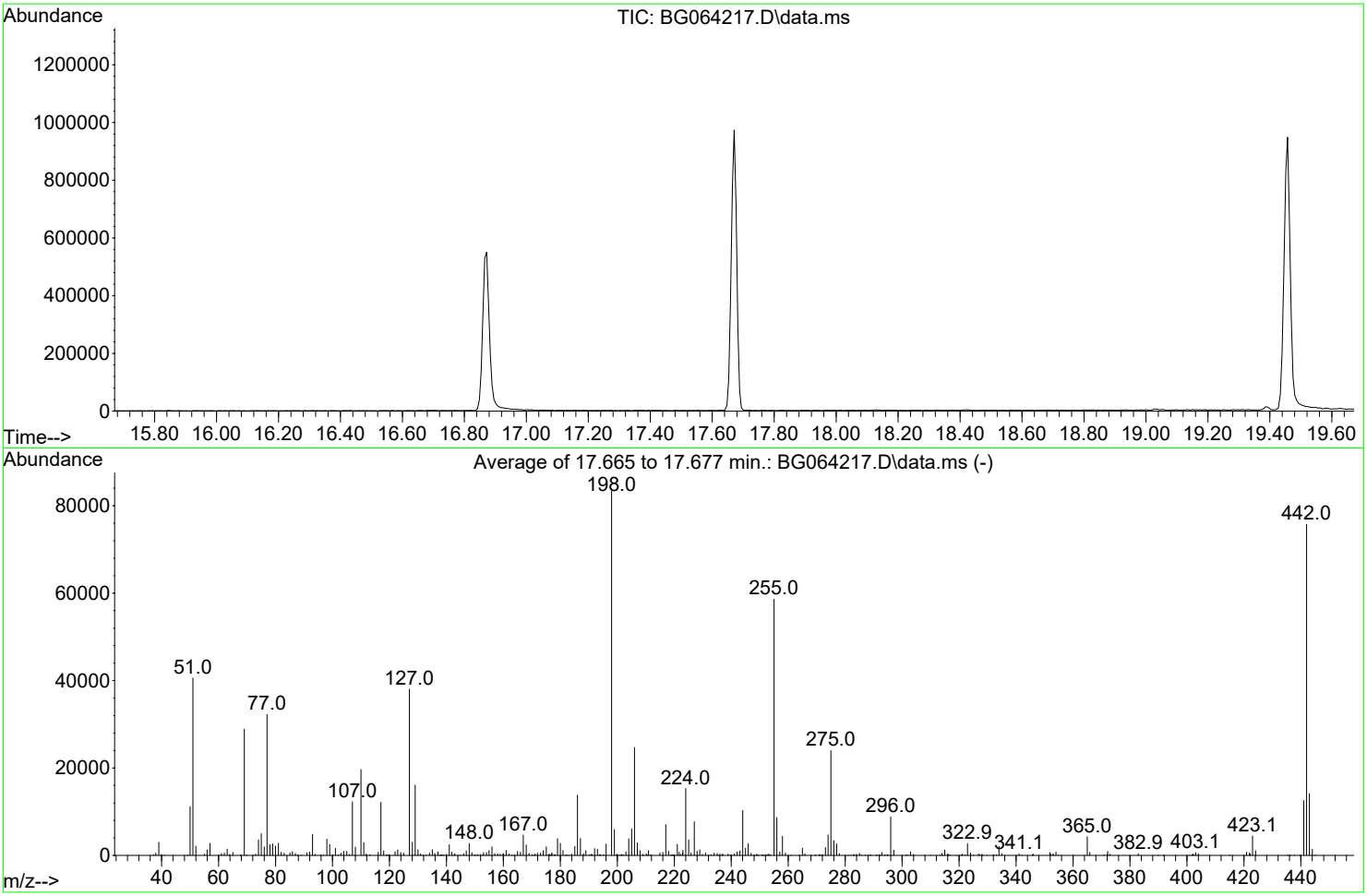
Sample Results: **BG064217.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.4	117	PASS
69	69	100	100	100.0	28923	PASS
70	69	0.00	2	0.4	125	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	83360	PASS
199	198	5	9	7.1	5910	PASS
365	198	1	100	5.2	4294	PASS
441	443	0.01	150	88.5	12527	PASS
442	442	100	100	100.0	75725	PASS
443	442	15	24	18.7	14159	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/28/2025	BNA_G	BG064217.D
Compound Name	**Response**	**Retention Time**
DDT	277057	20.691
DDD	7102	20.25
DDE	200	19.751
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7302	284359	2.57

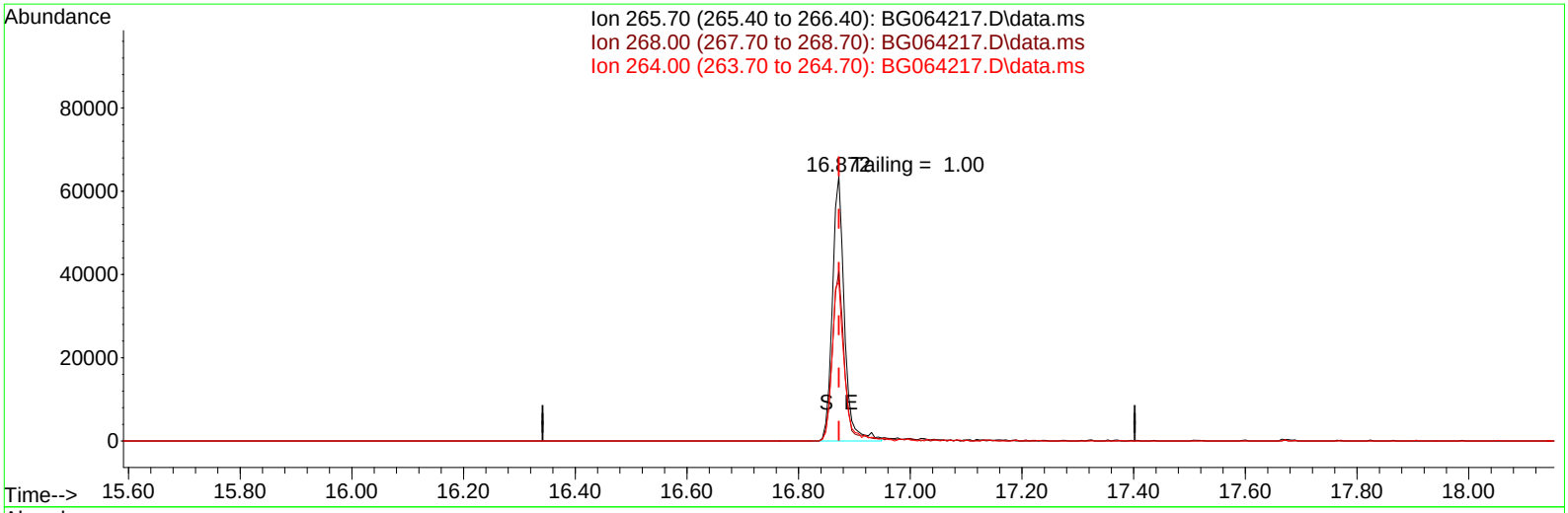
Instrument :
BNA_G
ClientSampleId :
DFTPP

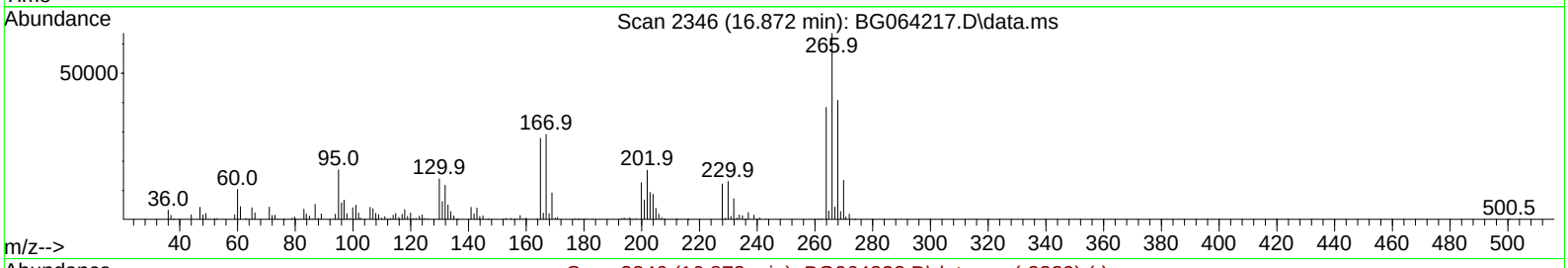
Sample Results: **BG064217.D**

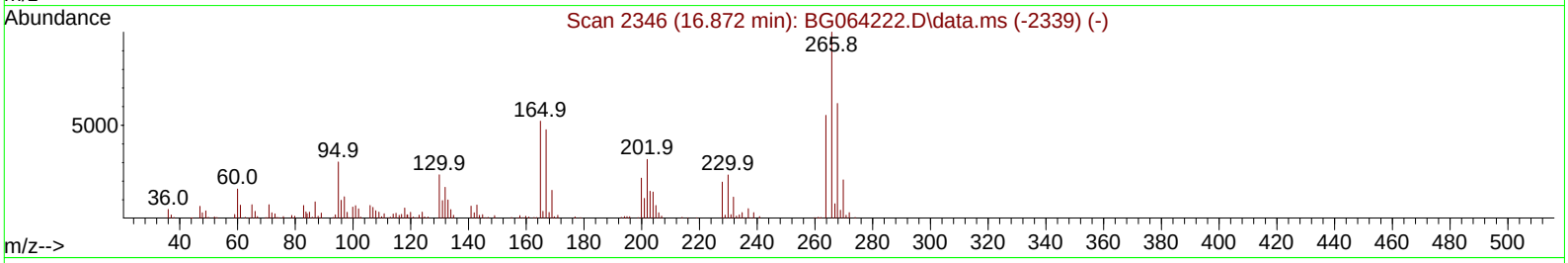
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration







TIC: BG064217.D\data.ms

(70) Pentachlorophenol (C)

16.872min (-0.000) 25238.02 ng

response 93526

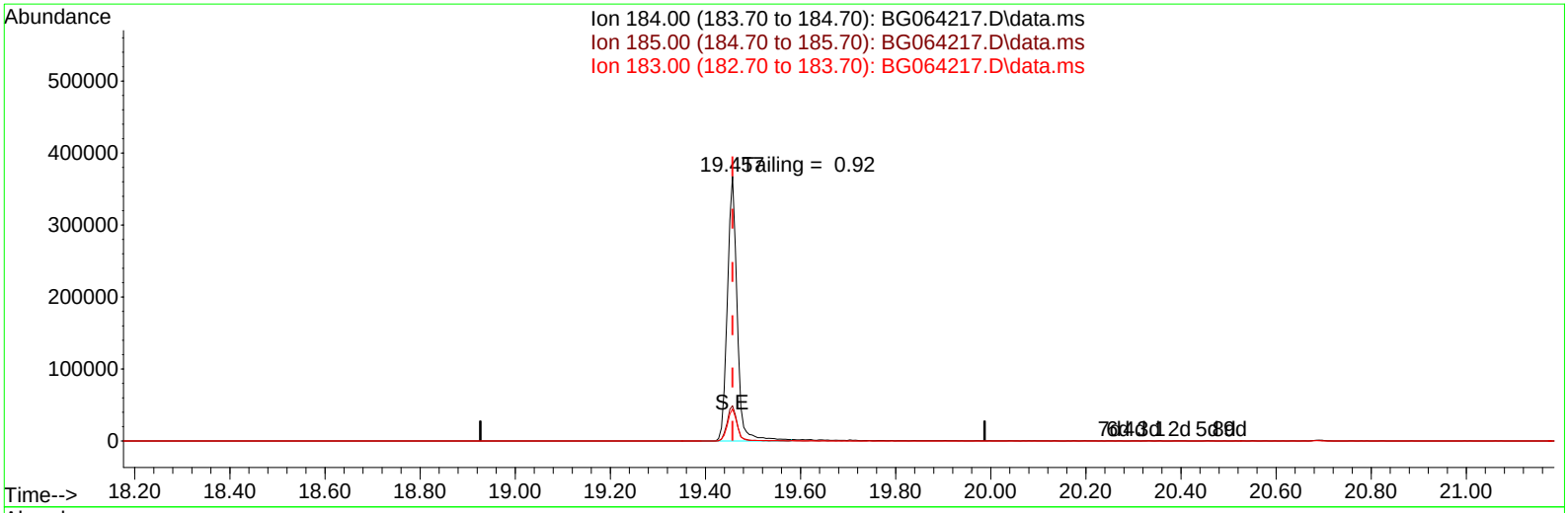
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.00
264.00	55.40	60.23
0.00	0.00	0.00

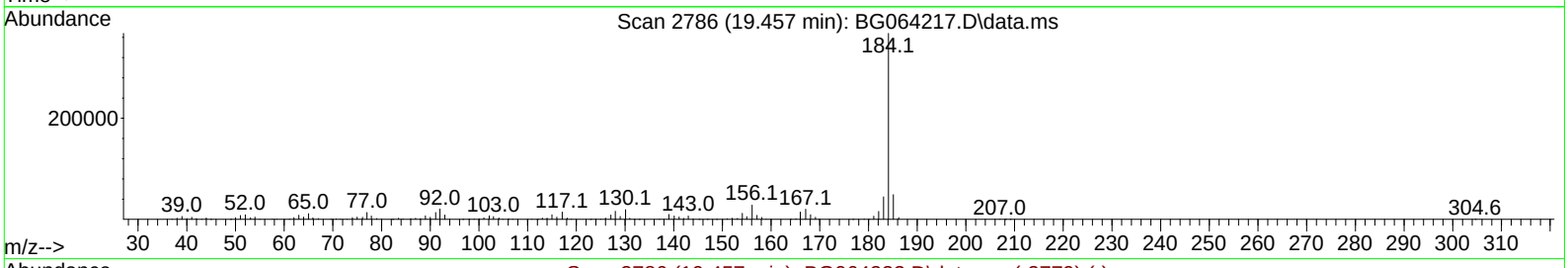
Sample Results: **BG064217.D**

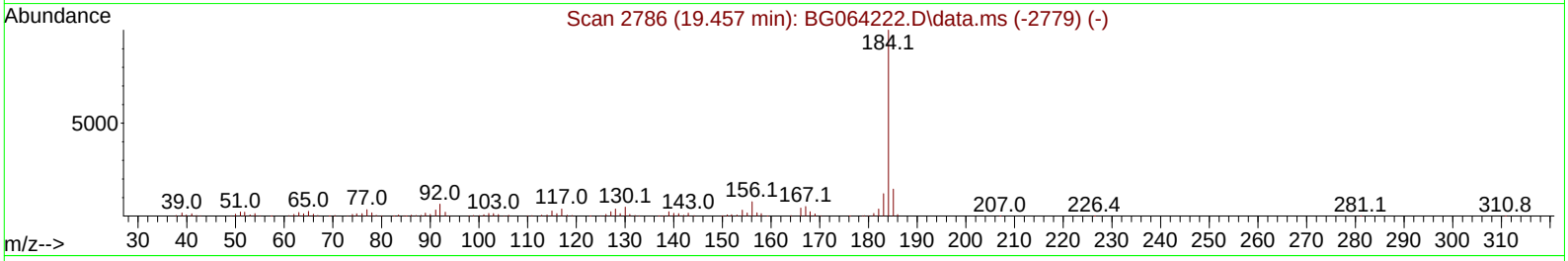
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration







TIC: BG064217.D\data.ms

(77) Benzidine

19.457min (-0.000) 328145.89 ng m

response 550762

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.29
183.00	12.10	12.10
0.00	0.00	0.00

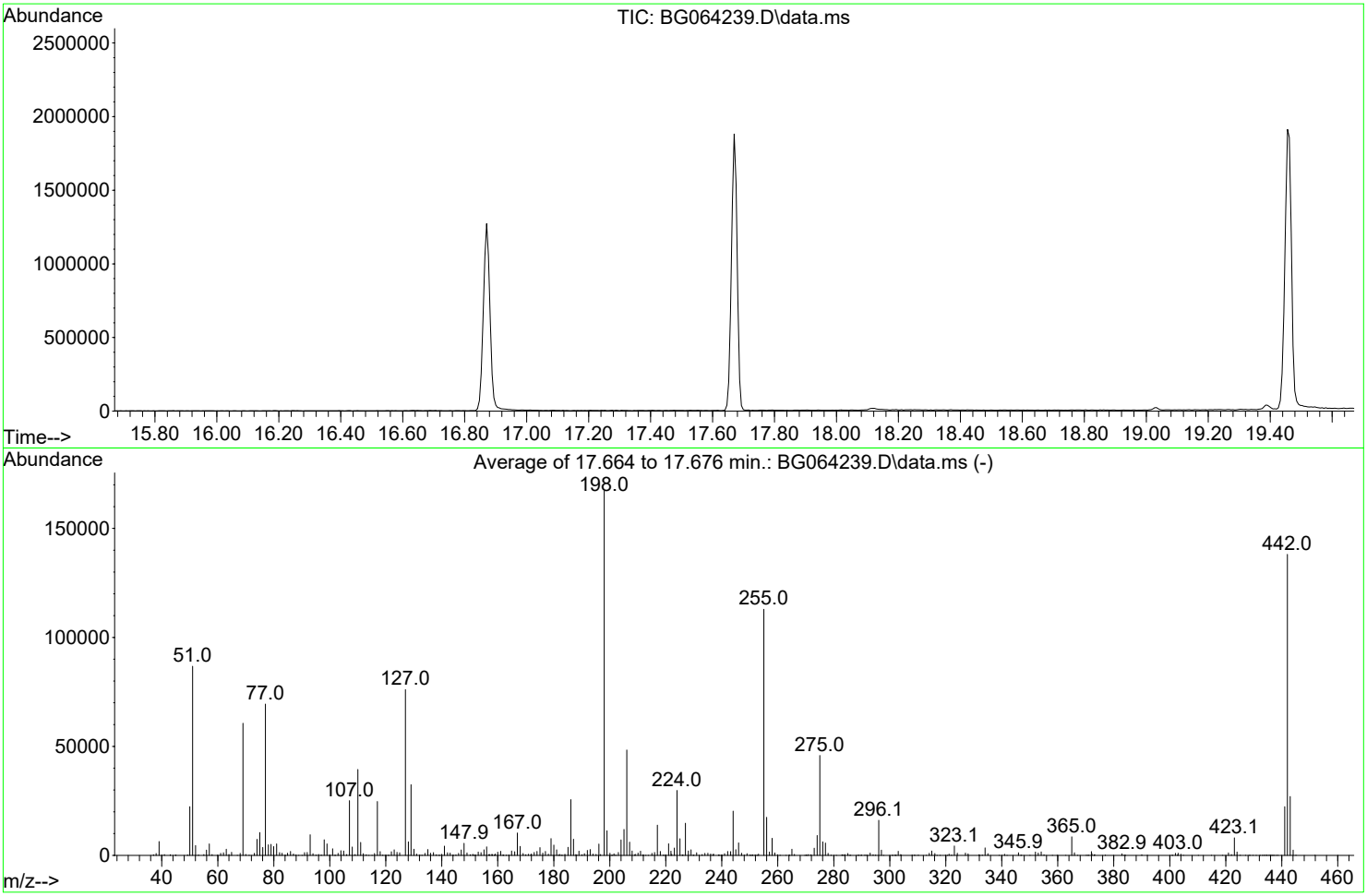
Sample Results: **BG064239.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064239.D
Acq On : 2 Sep 2025 9:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	927	PASS
69	69	100	100	100.0	60645	PASS
70	69	0.00	2	0.8	507	PASS
197	198	0.00	2	0.2	414	PASS
198	198	100	100	100.0	167125	PASS
199	198	5	9	6.8	11307	PASS
365	198	1	100	5.1	8555	PASS
441	443	0.01	150	82.8	22382	PASS
442	442	100	100	100.0	138120	PASS
443	442	15	24	19.6	27024	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/2/2025	BNA_G	BG064239.D
Compound Name	**Response**	**Retention Time**
DDT	557554	20.69
DDD	12593	20.249
DDE	584	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
13177	570731	2.31

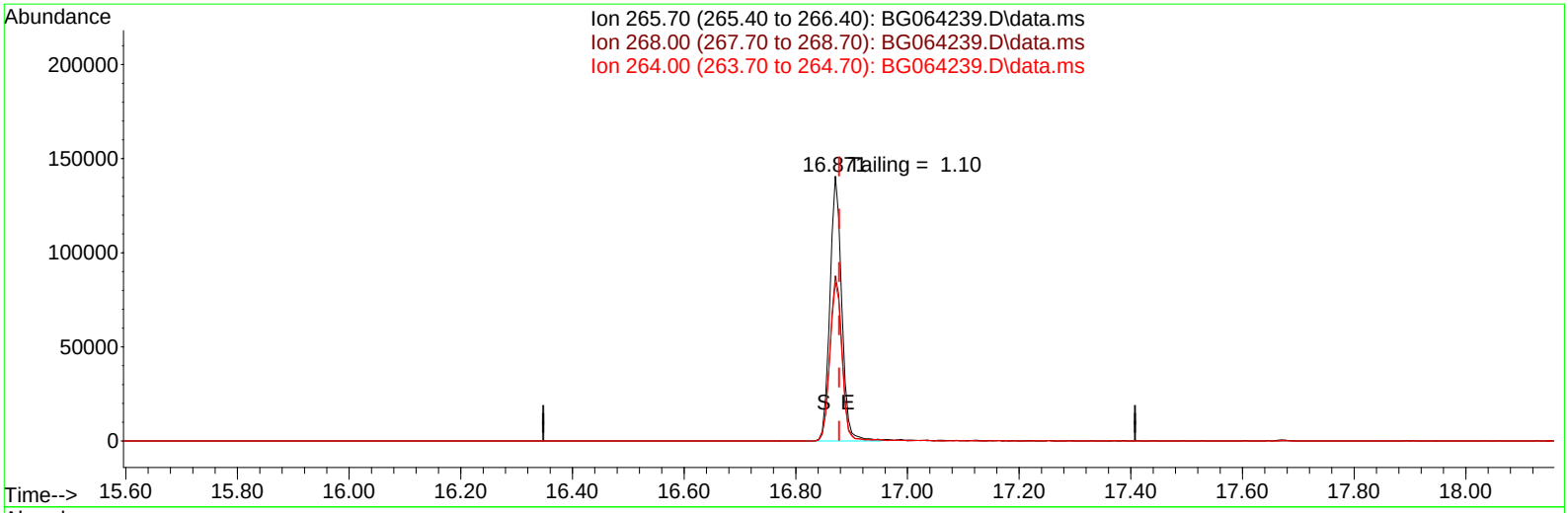
Instrument :
BNA_G
ClientSampleId :
DFTPP

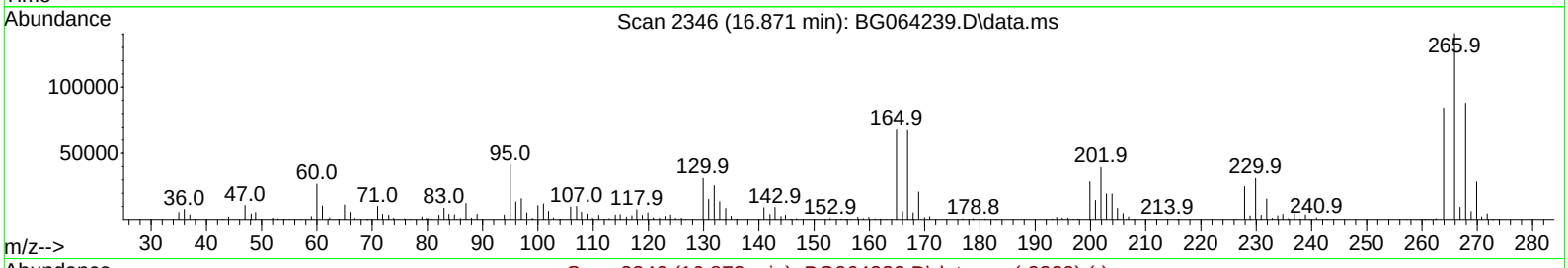
Sample Results: **BG064239.D**

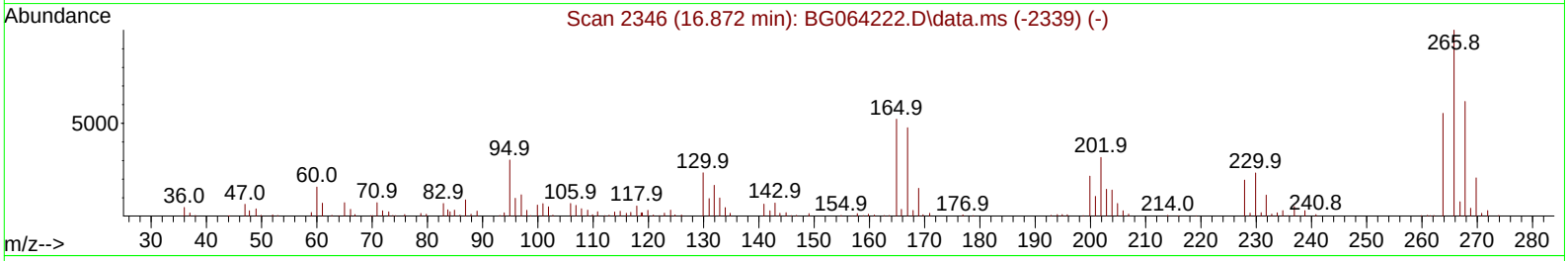
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064239.D
Acq On : 2 Sep 2025 9:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 02 12:14:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration







TIC: BG064239.D\data.ms

(70) Pentachlorophenol (C)

16.871min (-0.007) 208165.51 ng

response 206933

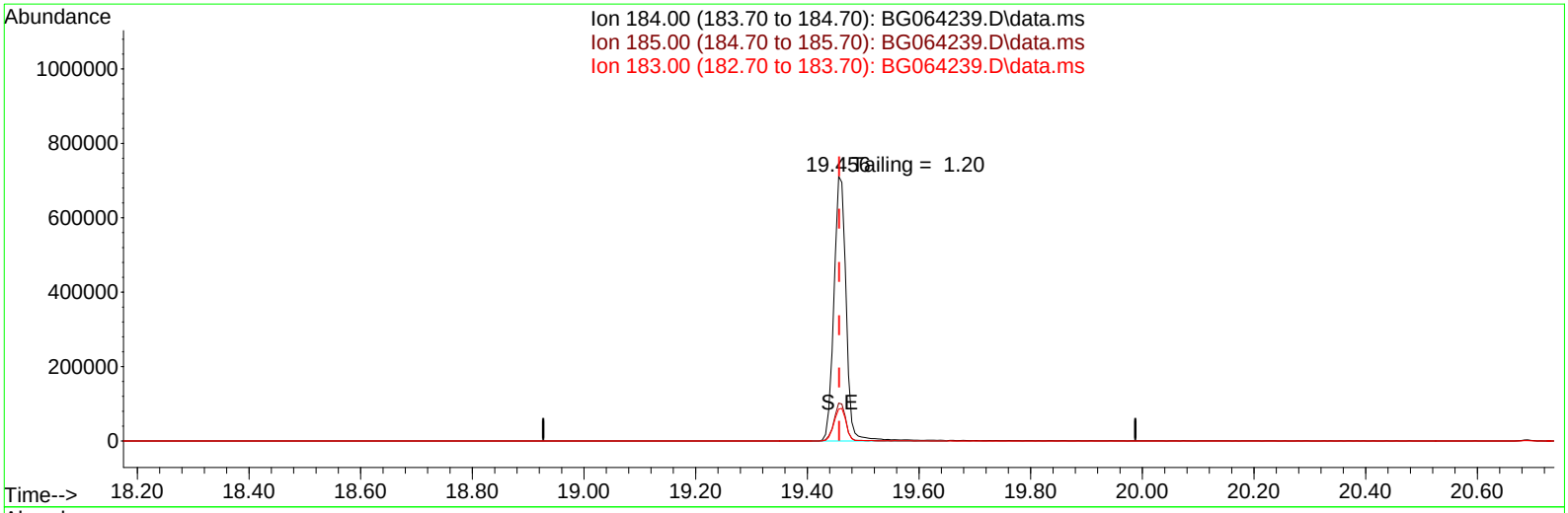
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	62.39
264.00	55.40	59.87
0.00	0.00	0.00

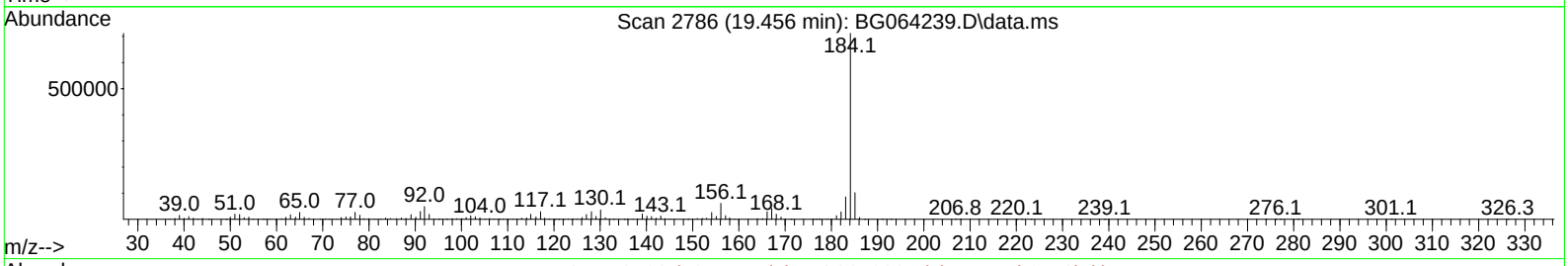
Sample Results: **BG064239.D**

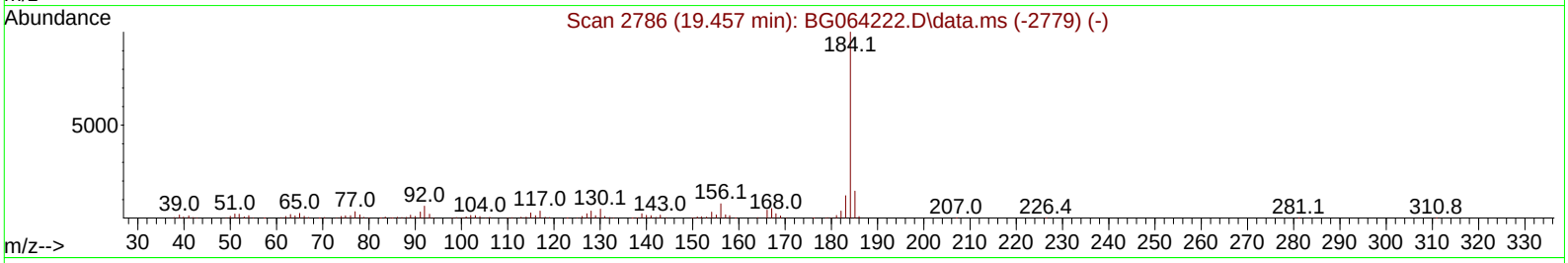
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064239.D
Acq On : 2 Sep 2025 9:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 02 12:14:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration







TIC: BG064239.D\data.ms

(77) Benzidine

19.456min (-0.001) 576729.23 ng

response 1079780

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.35
183.00	12.10	12.05
0.00	0.00	0.00

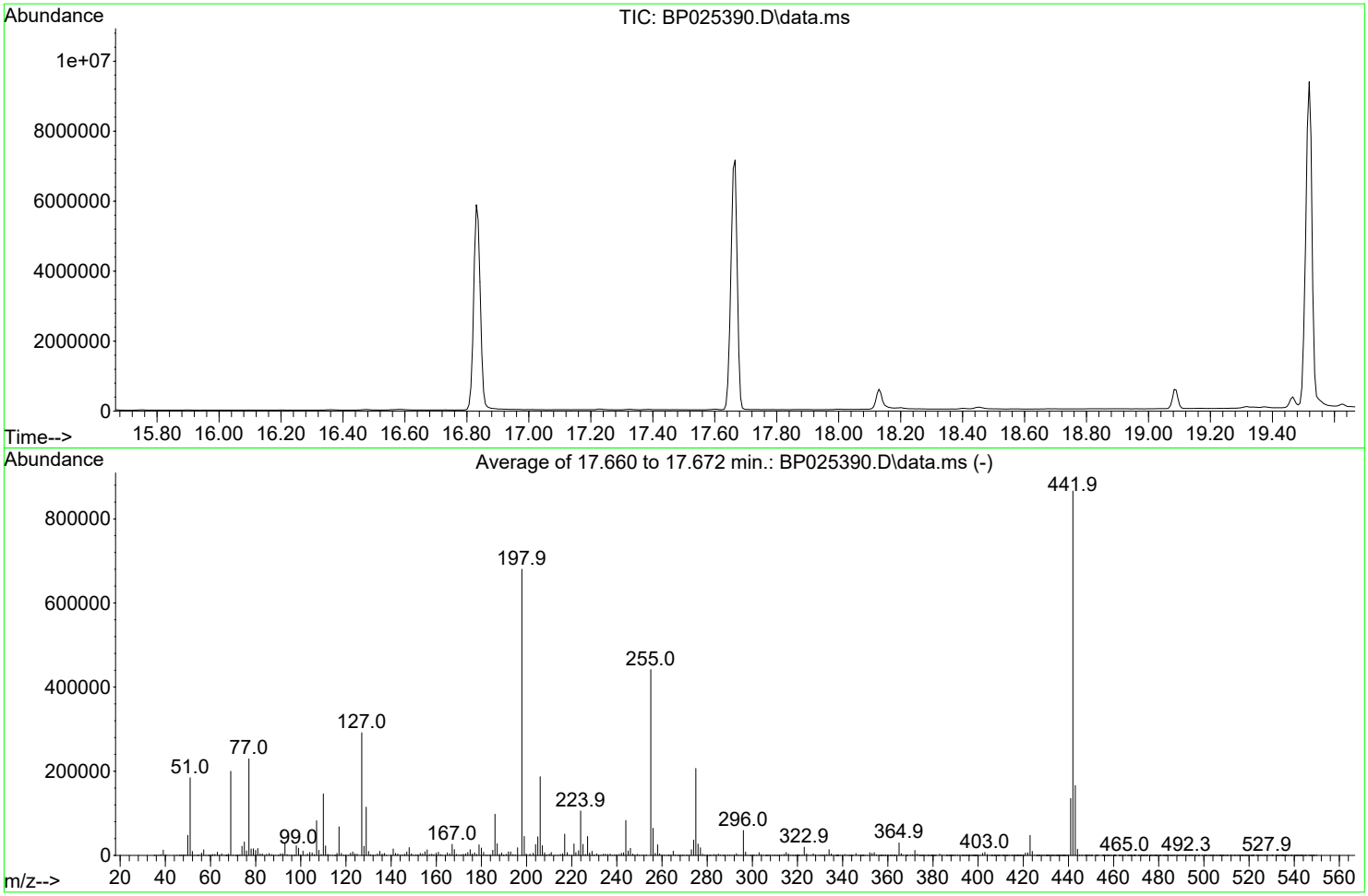
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

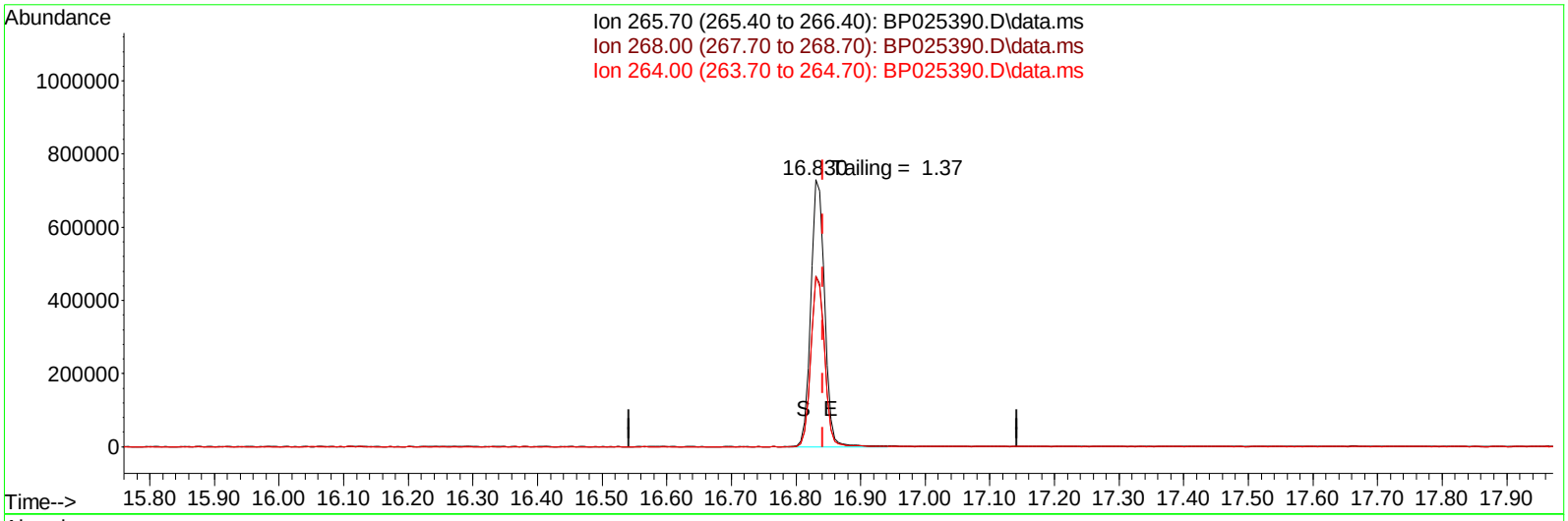
Instrument :
BNA_P
ClientSampleId :
DFTPP

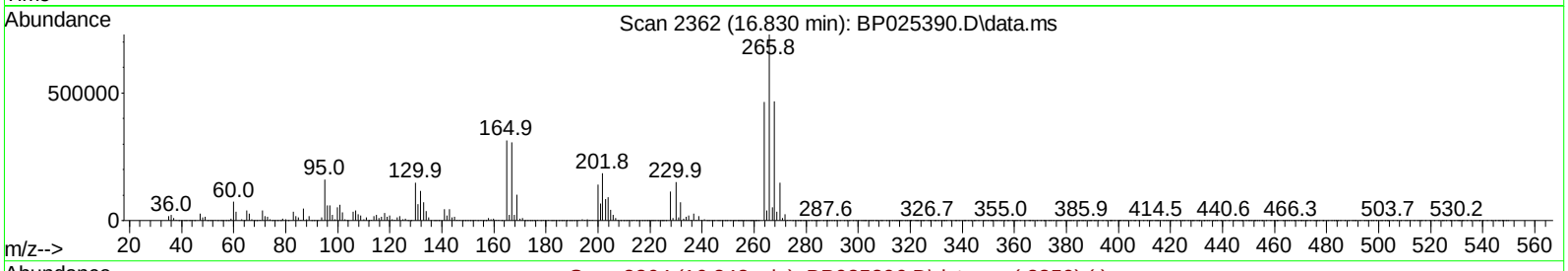
Sample Results: **BP025390.D**

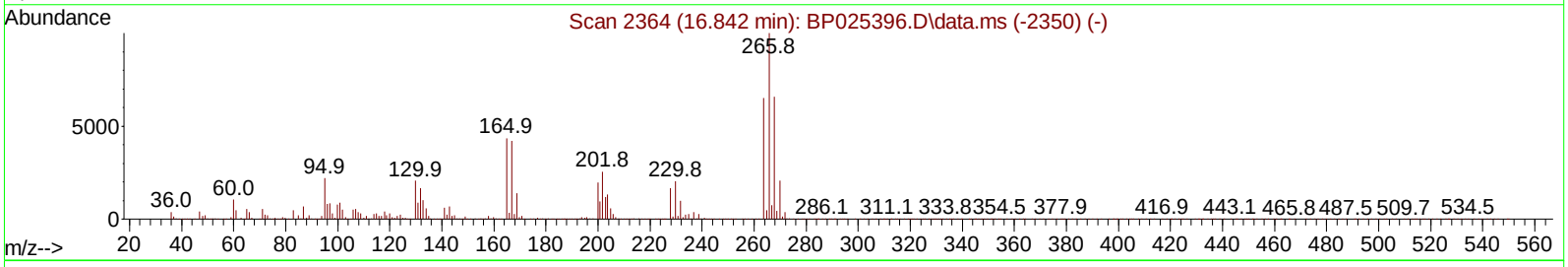
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

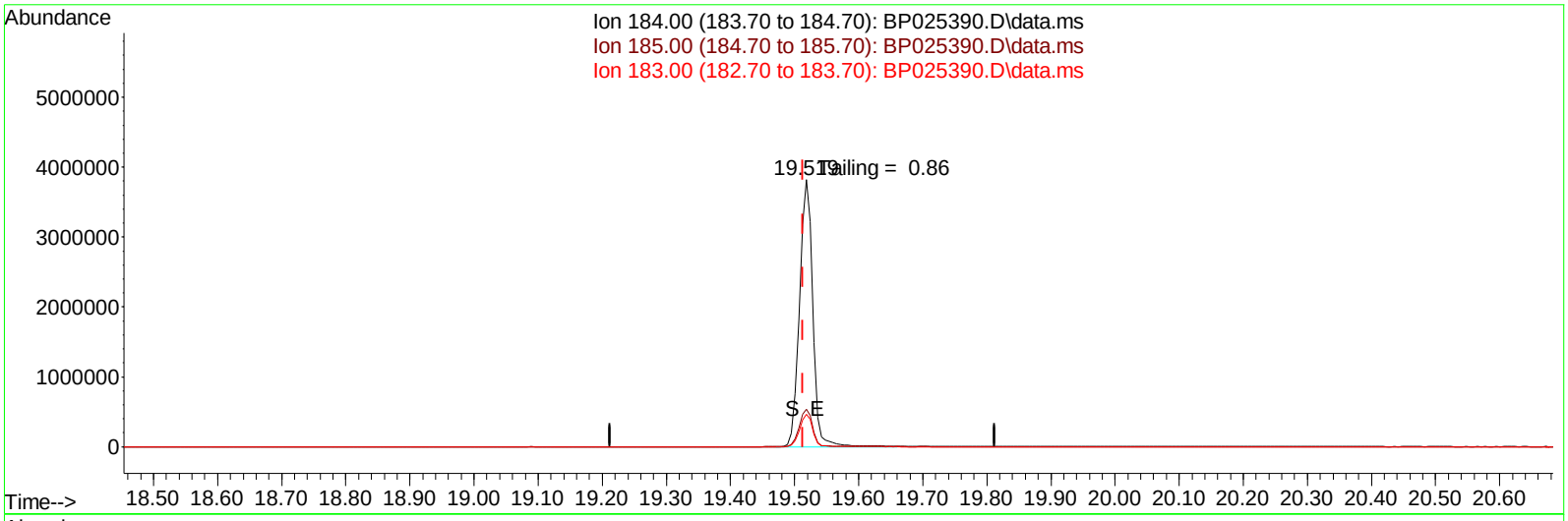
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

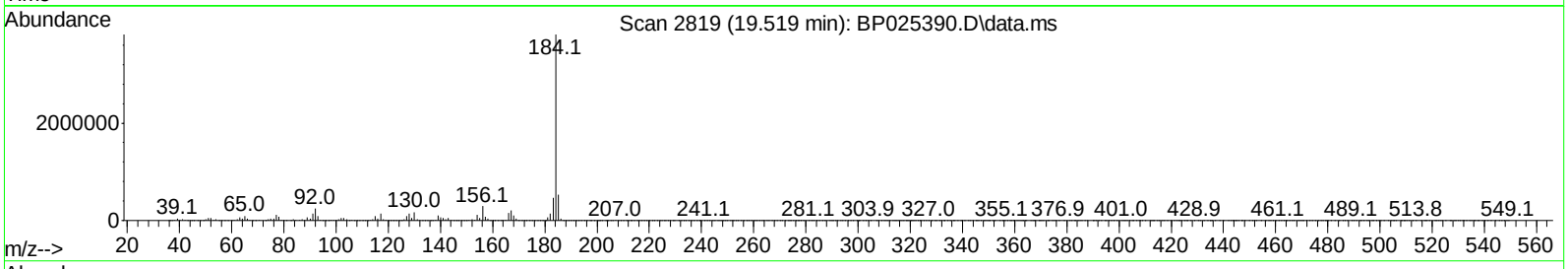
Sample Results: **BP025390.D**

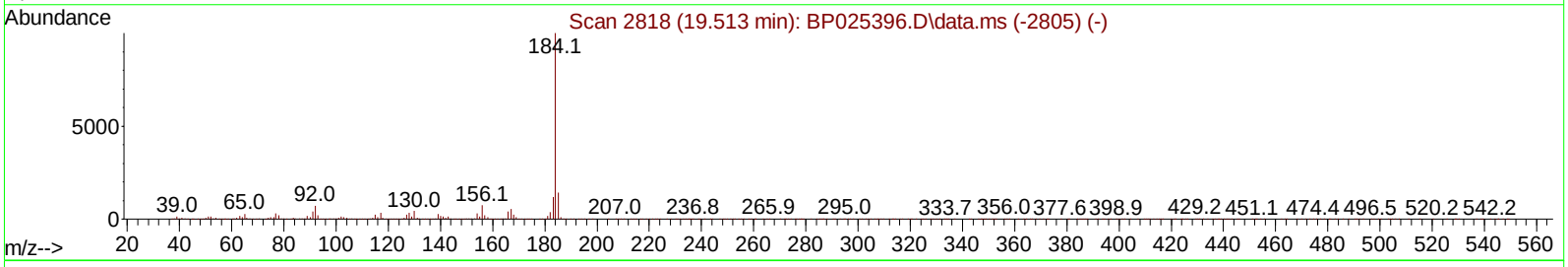
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

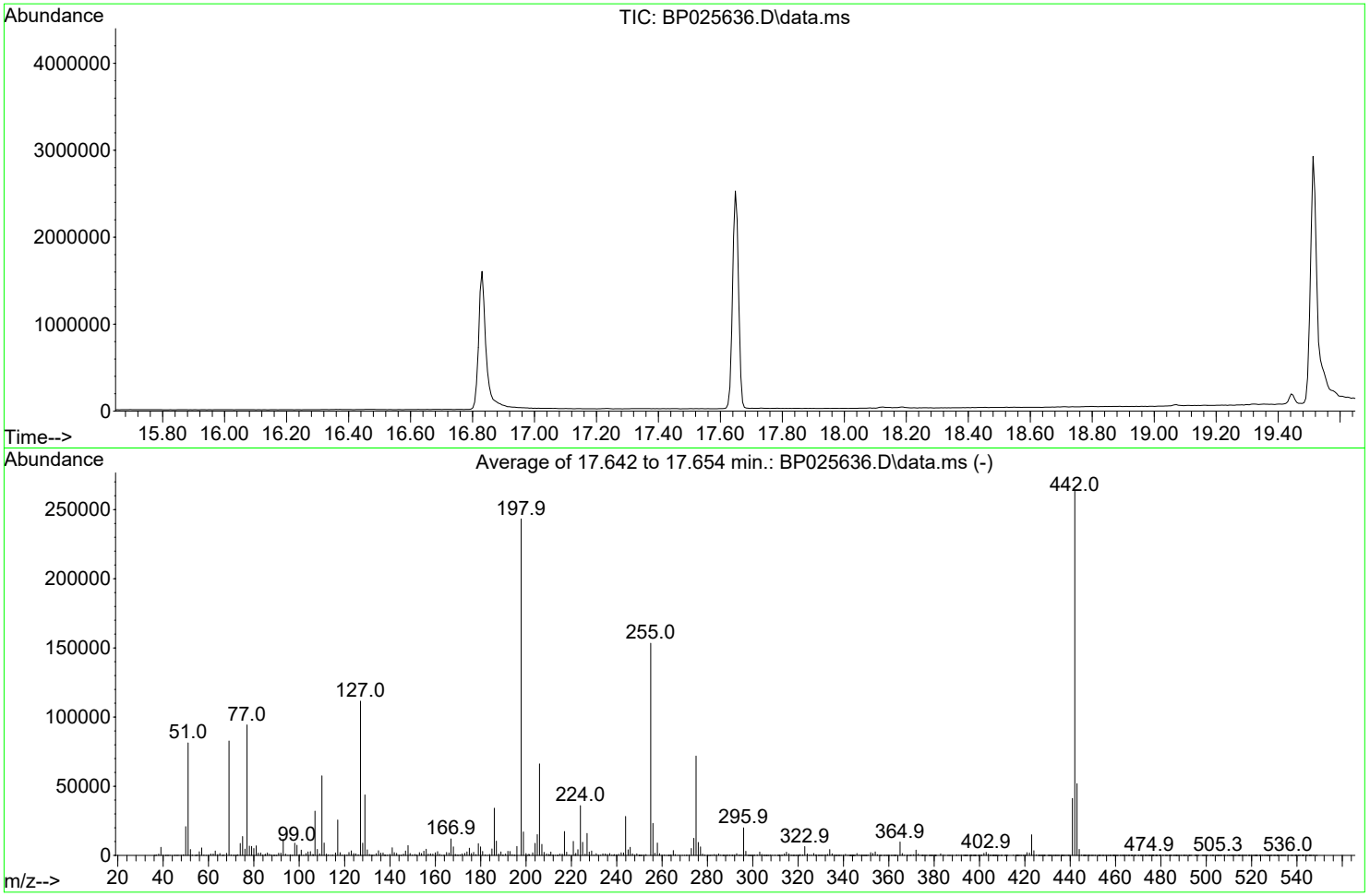
Sample Results: **BP025636.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025636.D
Acq On : 02 Sep 2025 13:26
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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2492

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1538	PASS
69	69	100	100	100.0	82745	PASS
70	69	0.00	2	0.5	454	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	243250	PASS
199	198	5	9	7.0	17026	PASS
365	198	1	100	4.0	9686	PASS
441	443	0.01	150	79.3	41172	PASS
442	442	100	100	100.0	263403	PASS
443	442	15	24	19.7	51916	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/2/2025	BNA_P	BP025636.D
Compound Name	**Response**	**Retention Time**
DDT	1017018	20.807
DDD	29323	20.348
DDE	4771	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
34094	1051112	3.24

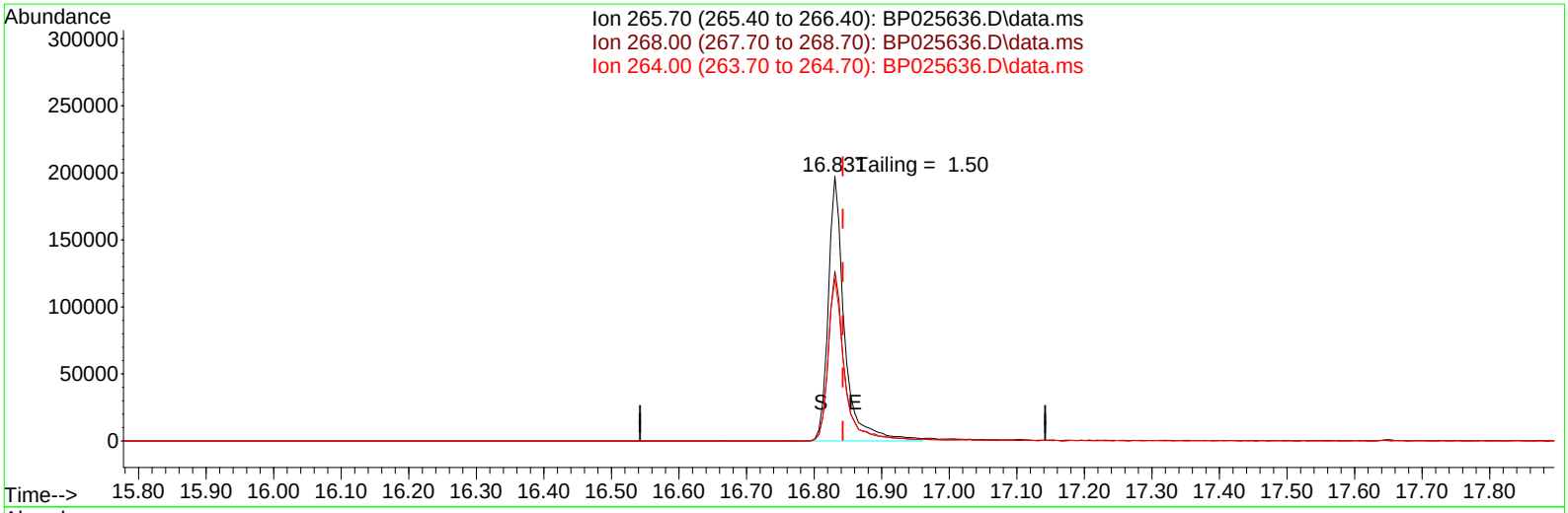
Instrument :
BNA_P
ClientSampleId :
DFTPP

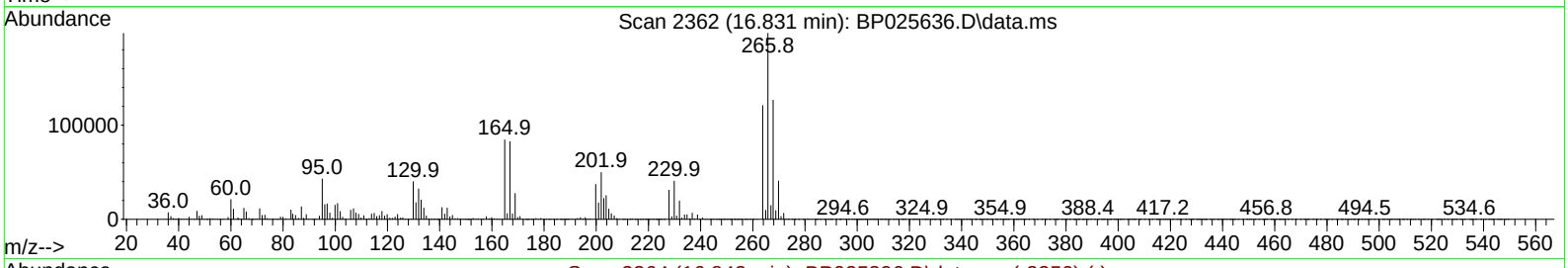
Sample Results: **BP025636.D**

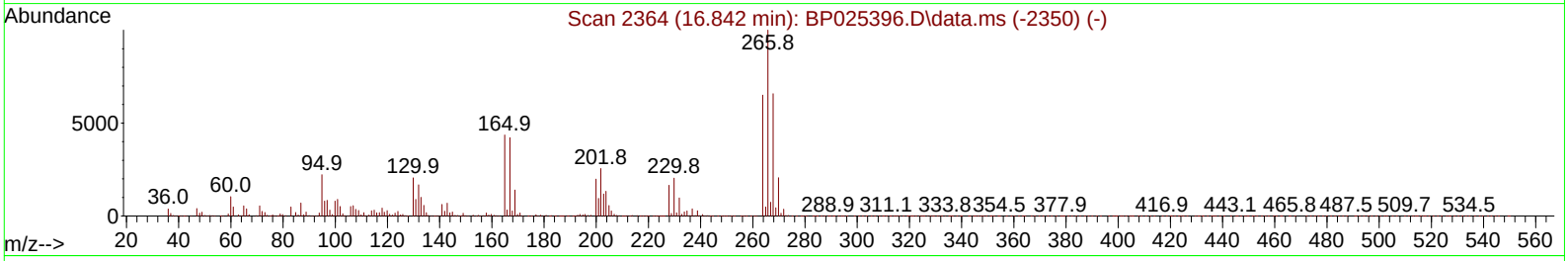
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025636.D
Acq On : 02 Sep 2025 13:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 02 14:38:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025636.D\data.ms

(70) Pentachlorophenol (C)

16.831min (-0.012) 2157219.78 ng

response 312500

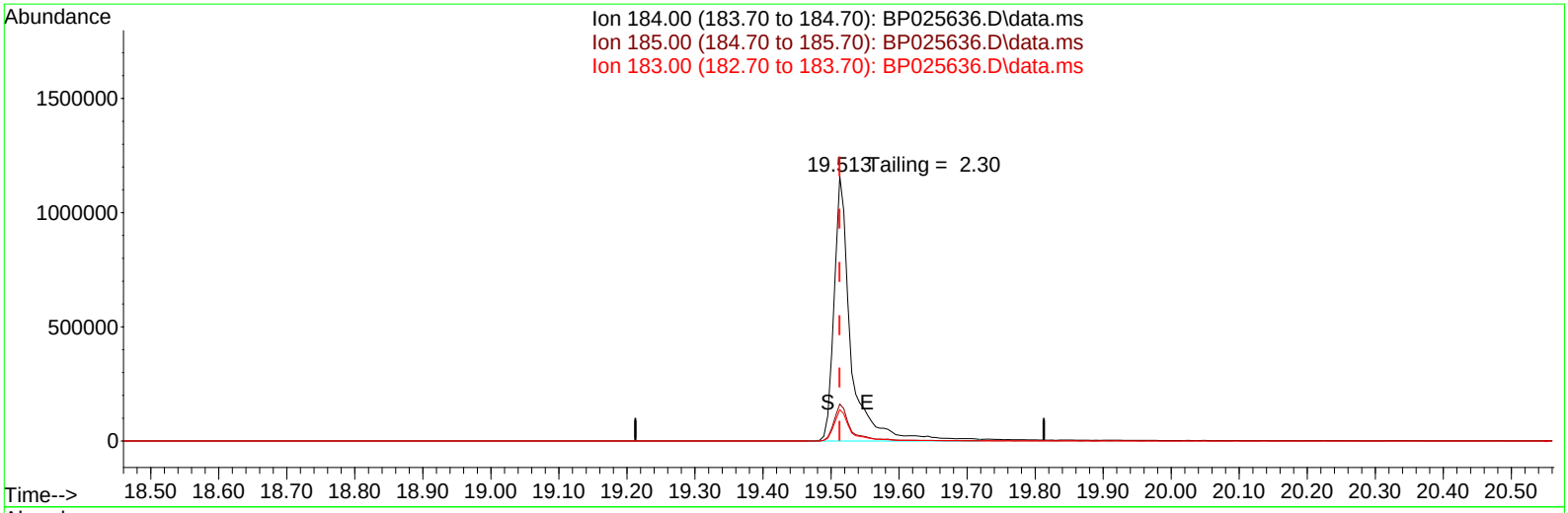
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.08
264.00	65.00	61.20
0.00	0.00	0.00

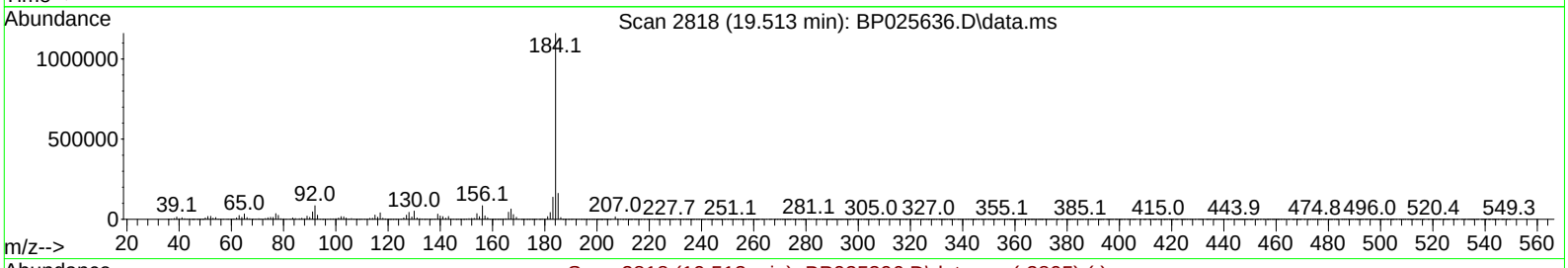
Sample Results: **BP025636.D**

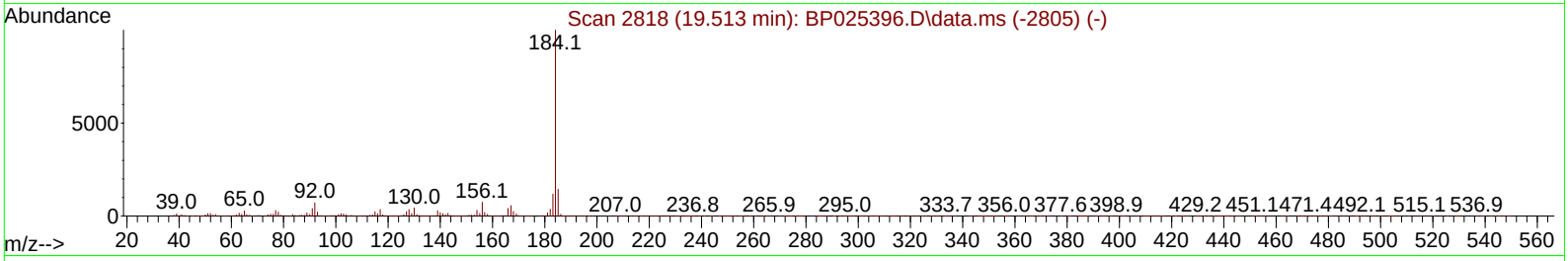
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025636.D
Acq On : 02 Sep 2025 13:26
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 02 14:38:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025636.D\data.ms

(77) Benzidine

19.513min (+ 0.000) 750466.85 ng

response 1229369

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.96
183.00	11.80	11.89
0.00	0.00	0.00

Raw Data: **BP025638.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP025638.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP025638.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	146		18 - 112	97%	SPK: 150
13127-88-3	Phenol-d6	136		15 - 107	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.9		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		10 - 116	105%	SPK: 150
1718-51-0	Terphenyl-d14	91.1		10 - 105	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	158000	7.772			
1146-65-2	Naphthalene-d8	608000	10.543			
15067-26-2	Acenaphthene-d10	383000	14.384			
1517-22-2	Phenanthrene-d10	808000	17.183			
1719-03-5	Chrysene-d12	885000	21.636			
1520-96-3	Perylene-d12	953000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	390	A		4.94	ug/Kg
000630-02-4	Octacosane	71.3	J		20.8	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

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_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Quant Time: Sep 02 15:27:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

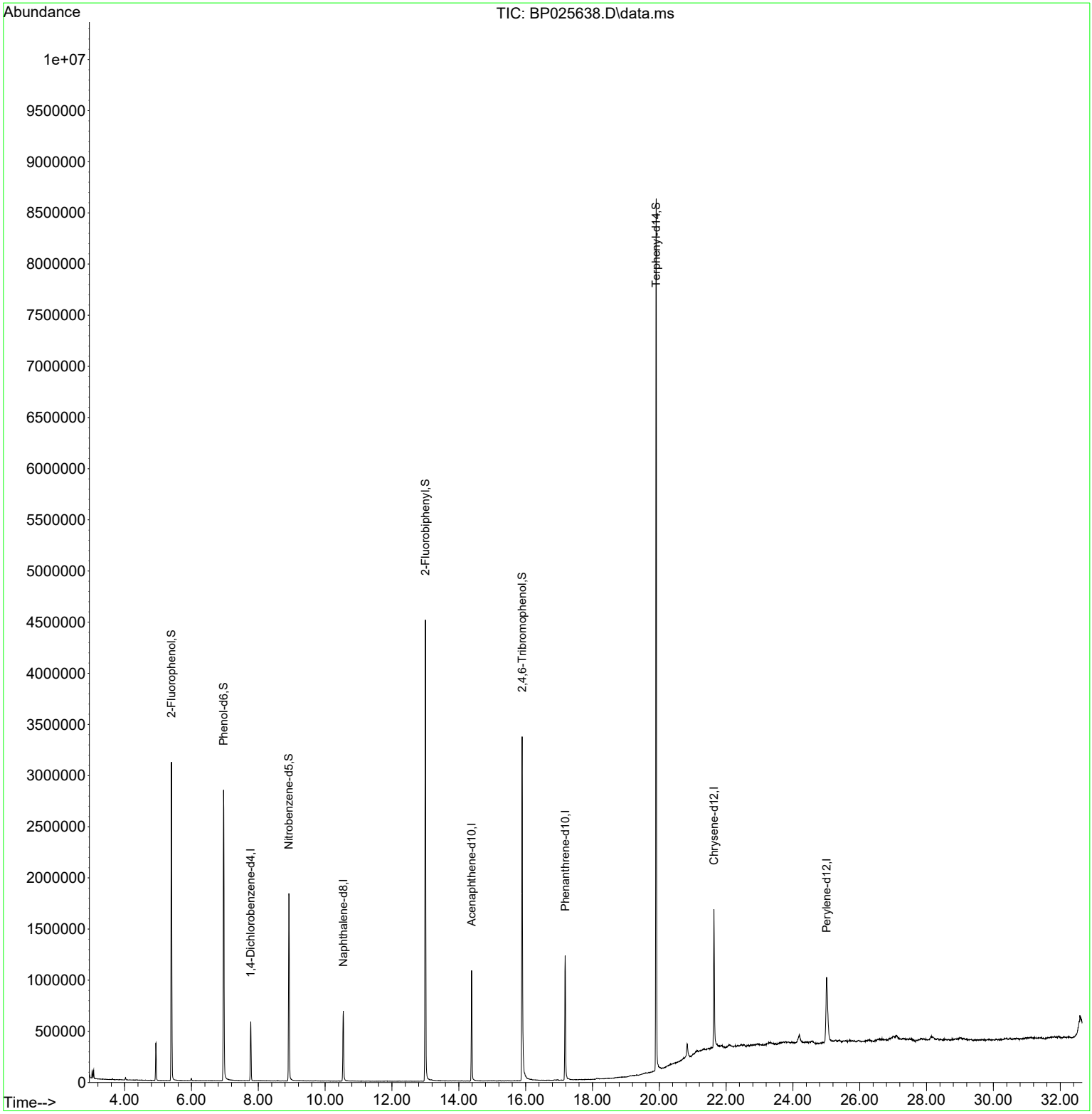
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	157709	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	608151	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	383160	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	807780	20.000	ng	-0.02
76) Chrysene-d12	21.636	240	885393	20.000	ng	-0.01
86) Perylene-d12	25.007	264	953052	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1387138	146.068	ng	0.00
7) Phenol-d6	6.960	99	1655586	135.978	ng	0.00
23) Nitrobenzene-d5	8.913	82	1092629	90.884	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	811591	157.365	ng	-0.02
45) 2-Fluorobiphenyl	13.001	172	2450460	87.405	ng	-0.02
79) Terphenyl-d14	19.907	244	4407814	91.083	ng	-0.01
Target Compounds						Qvalue

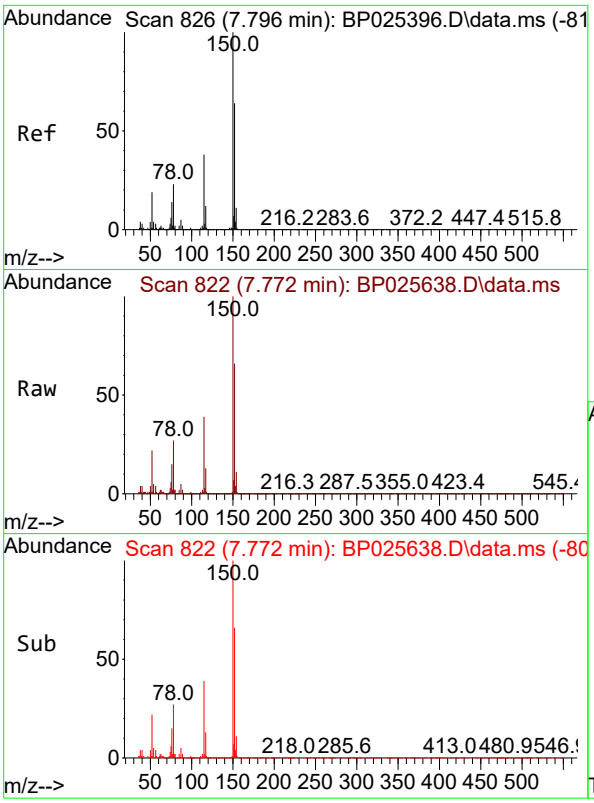
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Quant Time: Sep 02 15:27:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



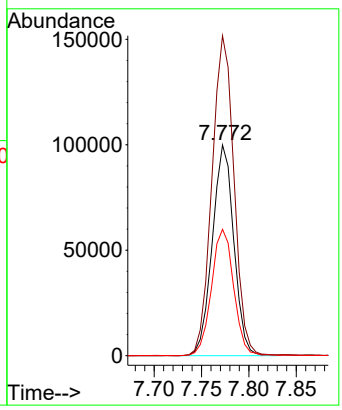


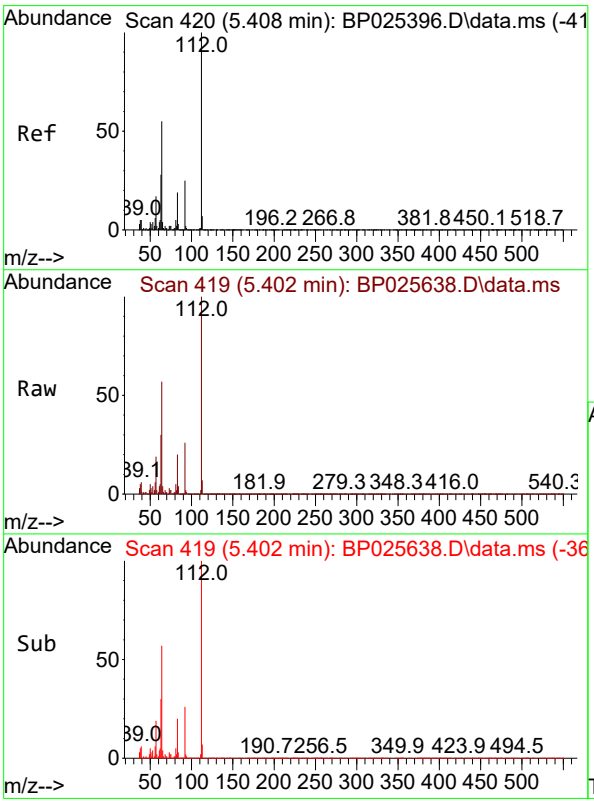
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion:152 Resp: 157709

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.9	188.9
115	60.0	48.5	72.7

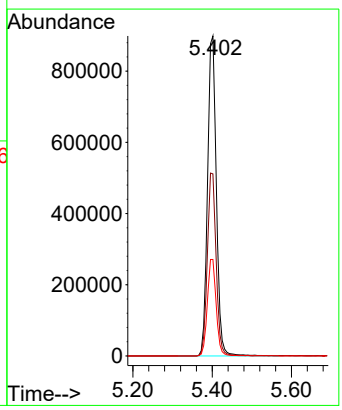


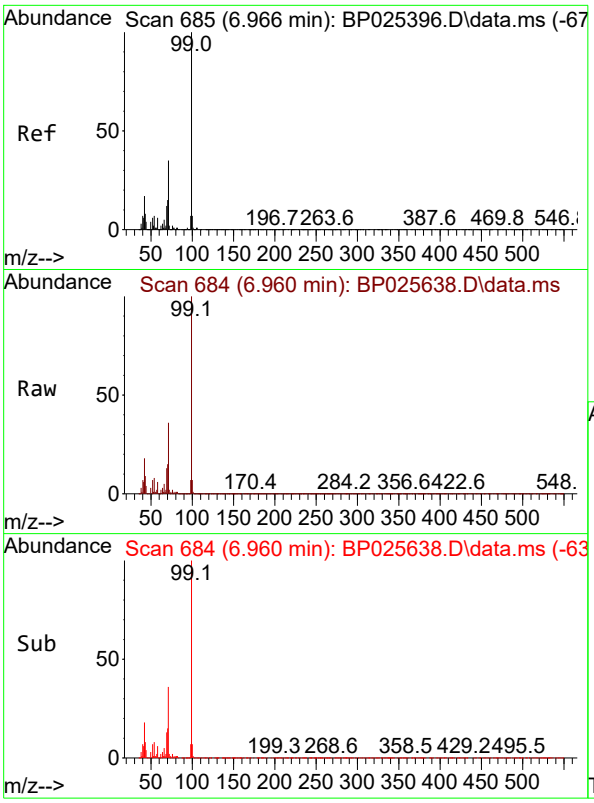


#5
2-Fluorophenol
Concen: 146.068 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:112 Resp: 1387138

Ion	Ratio	Lower	Upper
112	100		
64	56.9	43.8	65.8
63	30.2	22.7	34.1



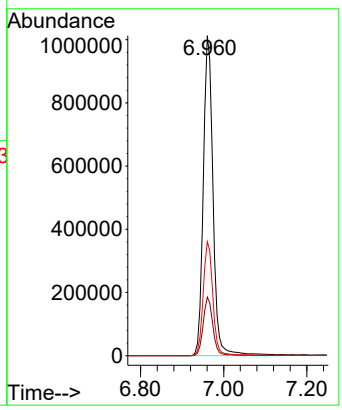


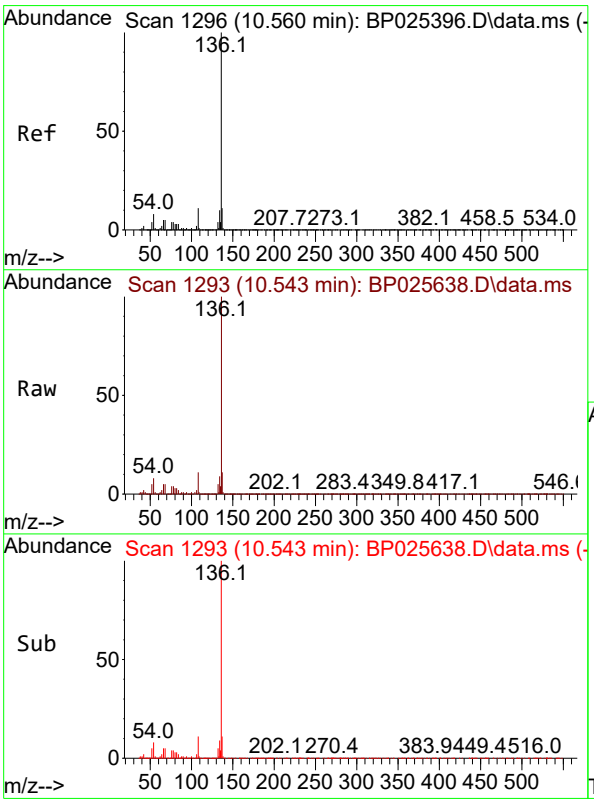
#7
Phenol-d6
Concen: 135.978 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion: 99 Resp: 1655586

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	35.6	28.2	42.4

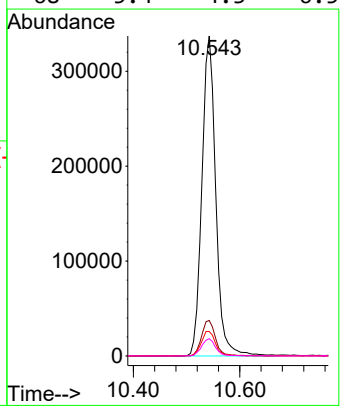


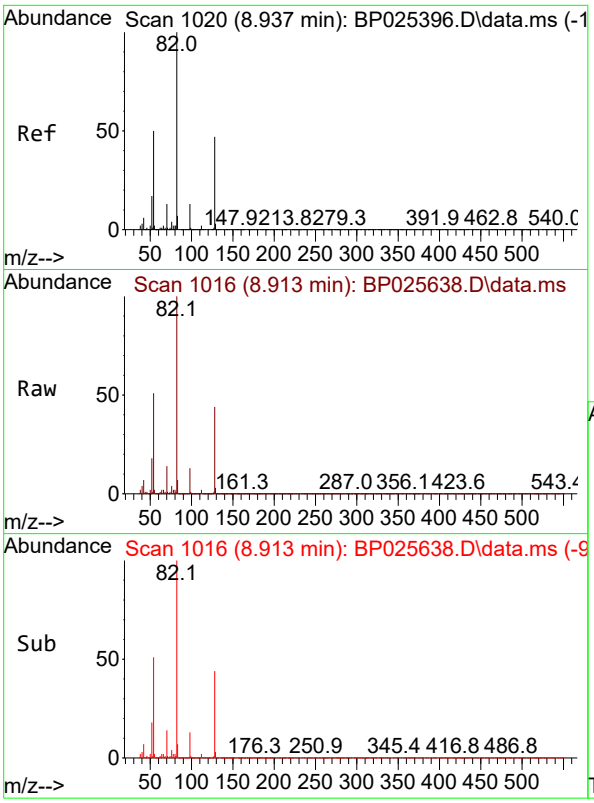


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:136 Resp: 608151

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.0	9.0
68	5.4	4.3	6.5



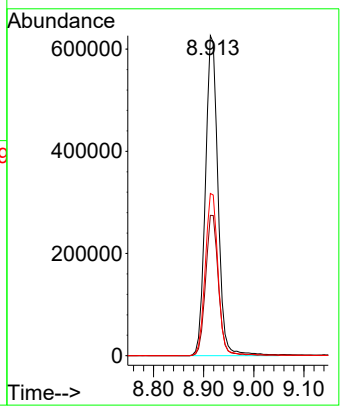


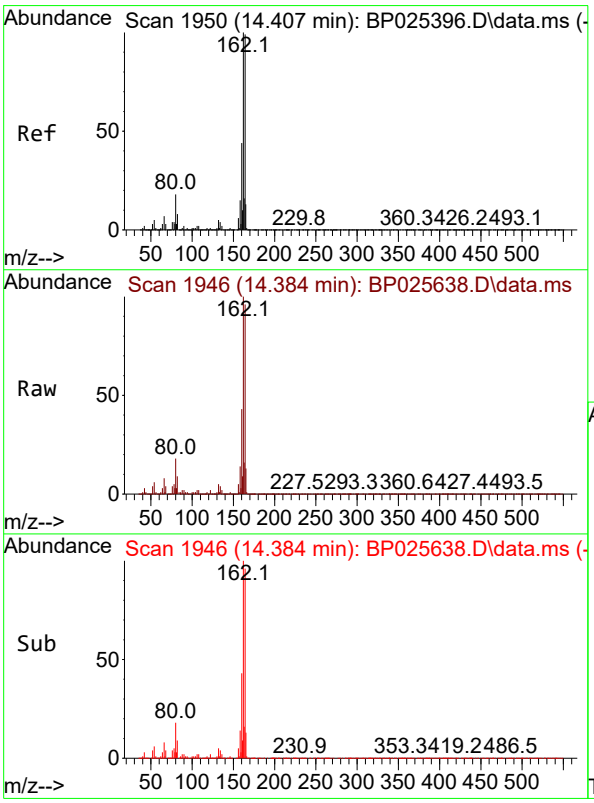
#23
Nitrobenzene-d5
Concen: 90.884 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion: 82 Resp: 1092629

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.7	56.5
54	50.7	39.8	59.6

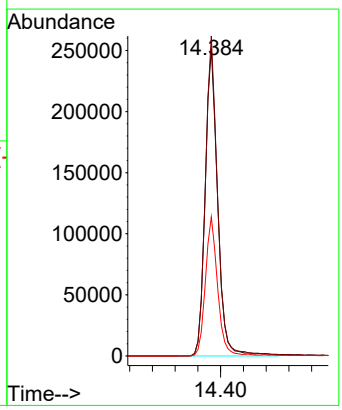


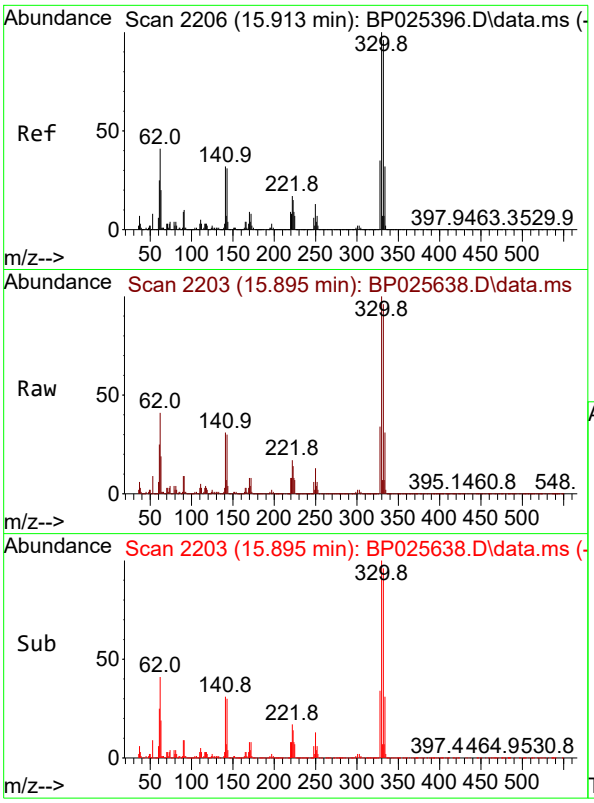


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:164 Resp: 383160

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.0	121.6
160	45.2	35.4	53.2



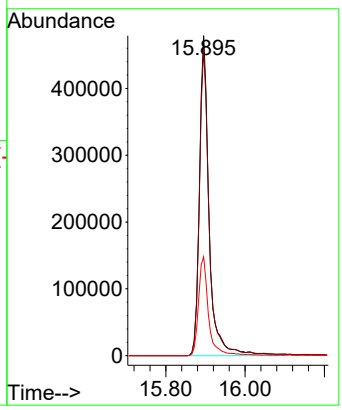


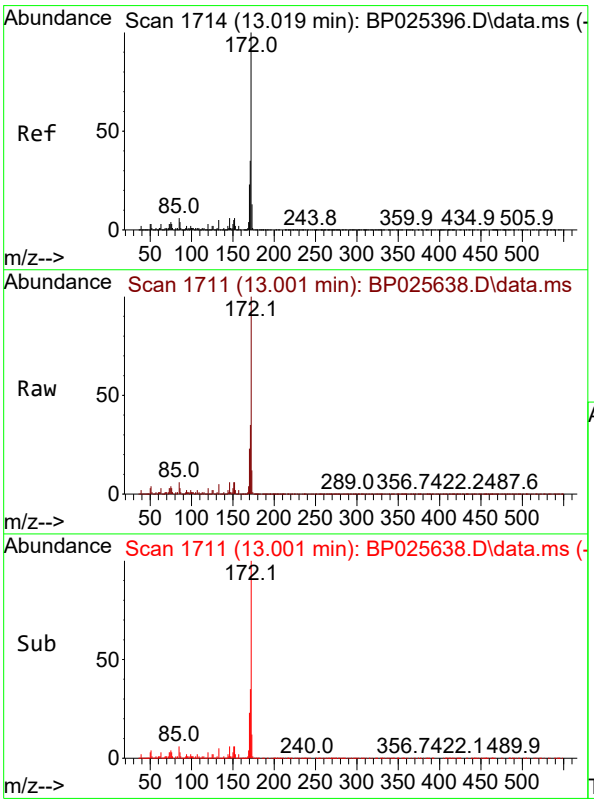
#42
2,4,6-Tribromophenol
Concen: 157.365 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion:330 Resp: 811591

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	32.2	26.6	39.8

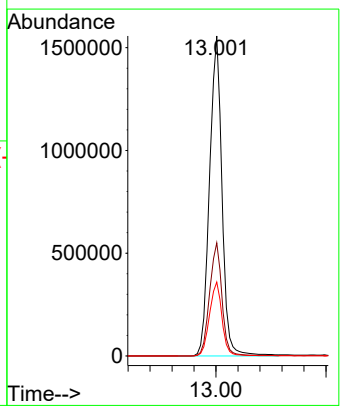


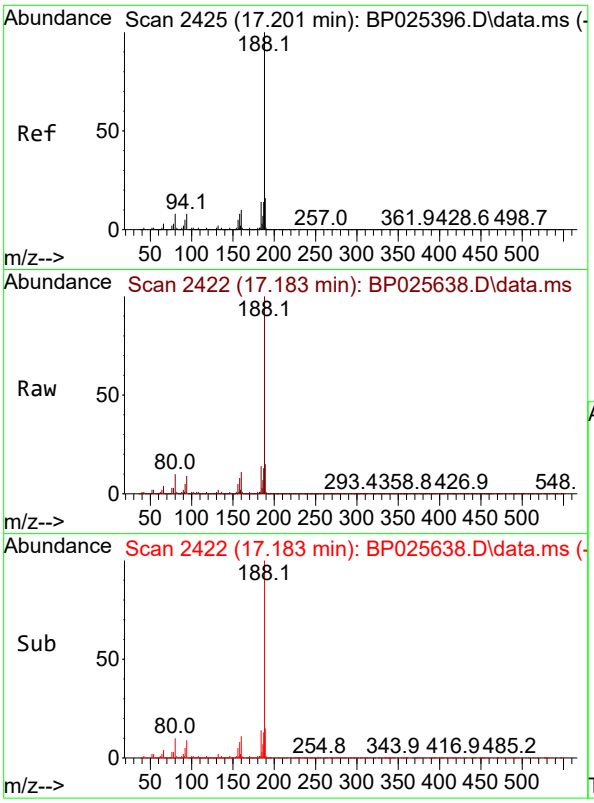


#45
2-Fluorobiphenyl
Concen: 87.405 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:172 Resp: 2450460

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.1	18.6	28.0



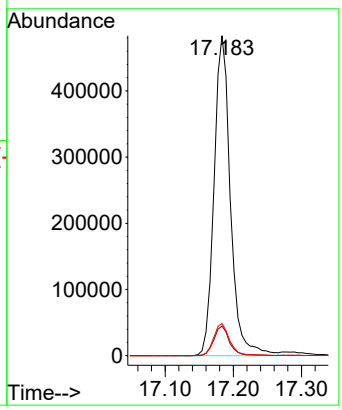


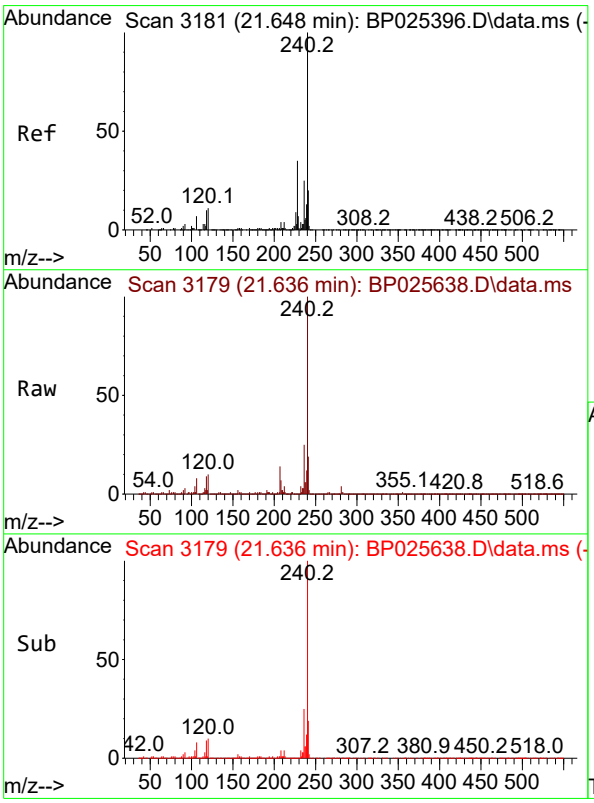
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion:188 Resp: 807780

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.0	6.7	10.1

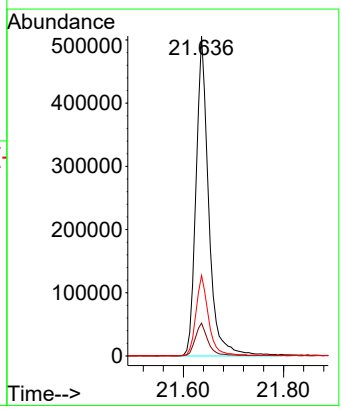


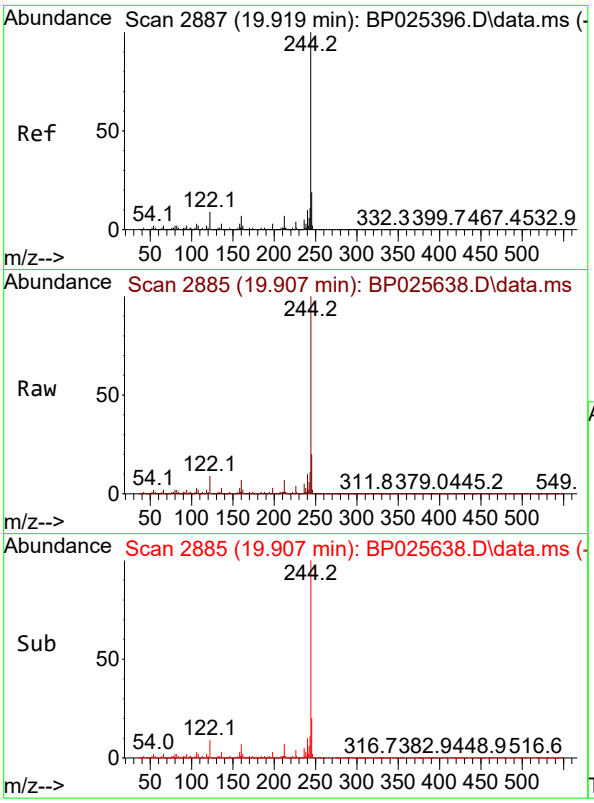


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:240 Resp: 885393

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.2	19.8	29.8



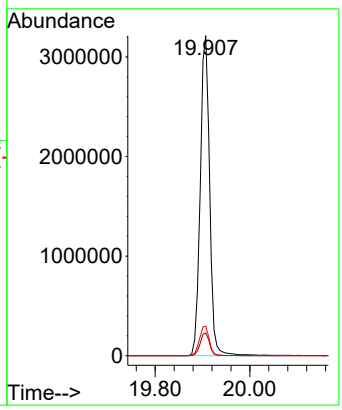


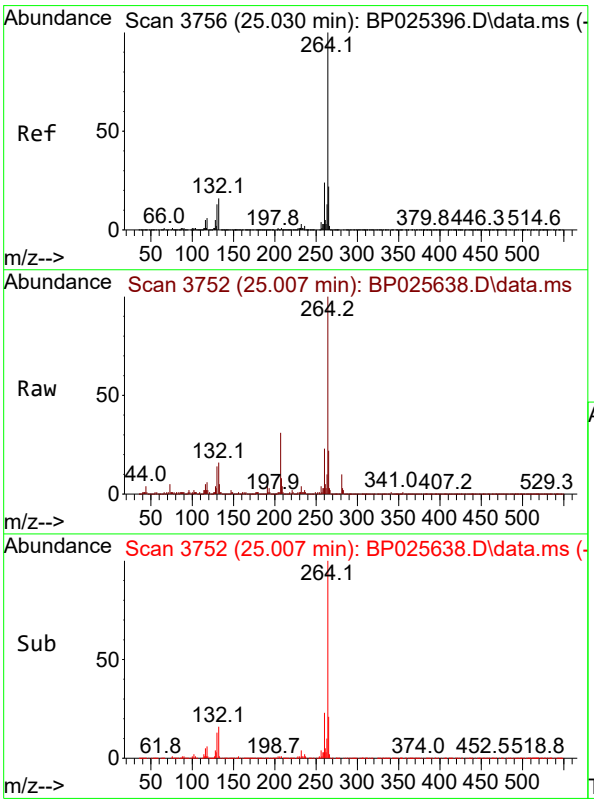
#79
Terphenyl-d14
Concen: 91.083 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion:244 Resp: 4407814

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.2	7.4	11.2

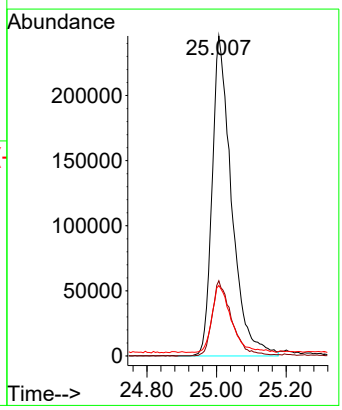




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:264 Resp: 953052

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.0	17.4	26.0



Sample Results: **BP025638.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025638.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.937	334	340	352	rBV	367364	545286	4.63%	1.117%
2	5.402	412	419	438	rBV	3113530	4828426	40.96%	9.892%
3	6.960	677	684	701	rBV	2841562	4672630	39.63%	9.573%
4	7.772	815	822	833	rBV	576223	929314	7.88%	1.904%
5	8.913	1009	1016	1036	rBV	1833214	3247891	27.55%	6.654%
6	10.543	1283	1293	1306	rBV	686083	1248299	10.59%	2.557%
7	13.001	1701	1711	1730	rBV	4509547	7159559	60.73%	14.668%
8	14.384	1938	1946	1964	rBV	1080211	1643372	13.94%	3.367%
9	15.895	2195	2203	2221	rBV	3363891	5878626	49.86%	12.044%
10	17.183	2411	2422	2436	rBV2	1218277	2060120	17.47%	4.221%
11	19.907	2879	2885	2897	rBV	8517057	11789193	100.00%	24.153%
12	20.836	3038	3043	3052	rVB2	115462	256677	2.18%	0.526%
13	21.636	3173	3179	3194	rBV	1352491	2396194	20.33%	4.909%
14	25.007	3745	3752	3769	rVB	612362	2154576	18.28%	4.414%

Sum of corrected areas: 48810163

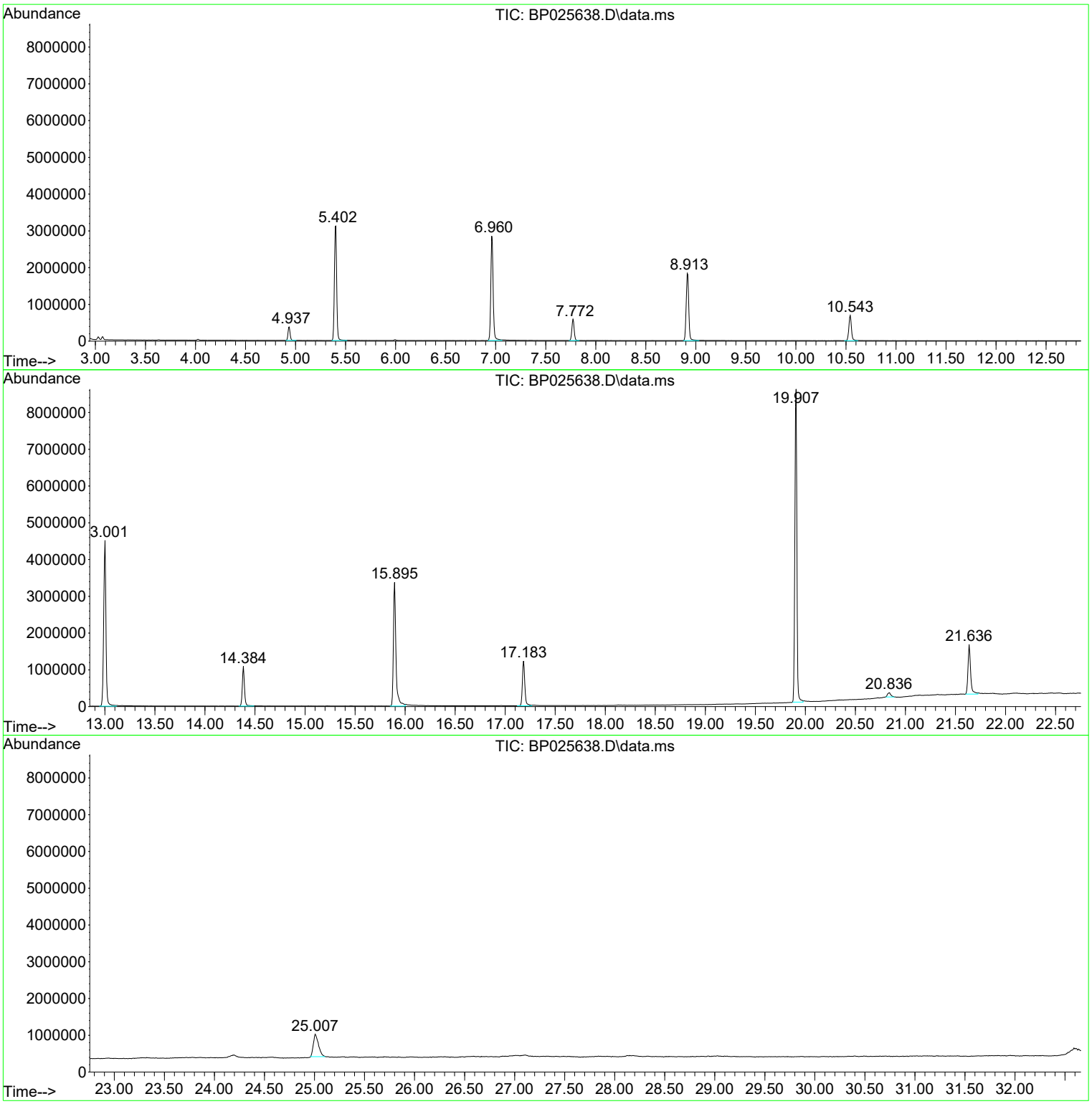
Sample Results: **BP025638.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

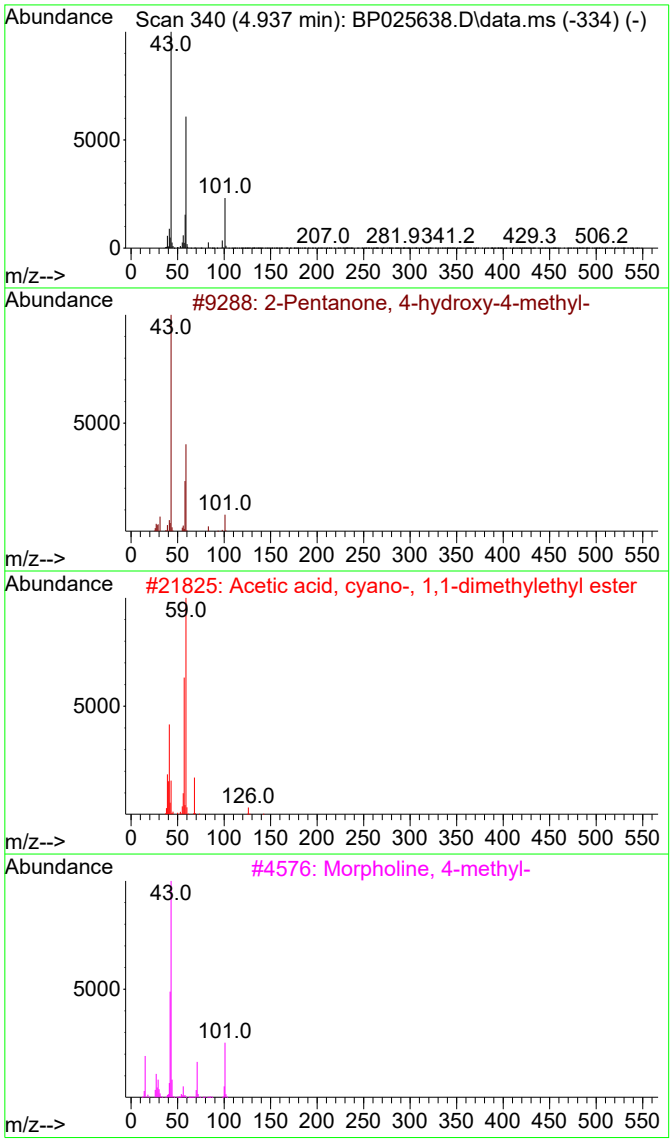
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

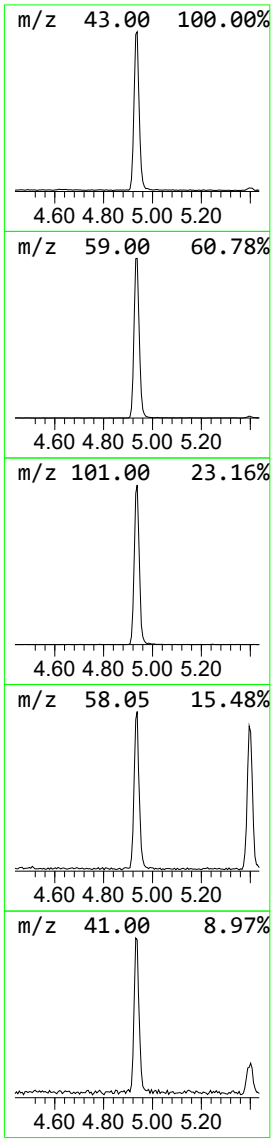
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	11.74 ng	545286	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

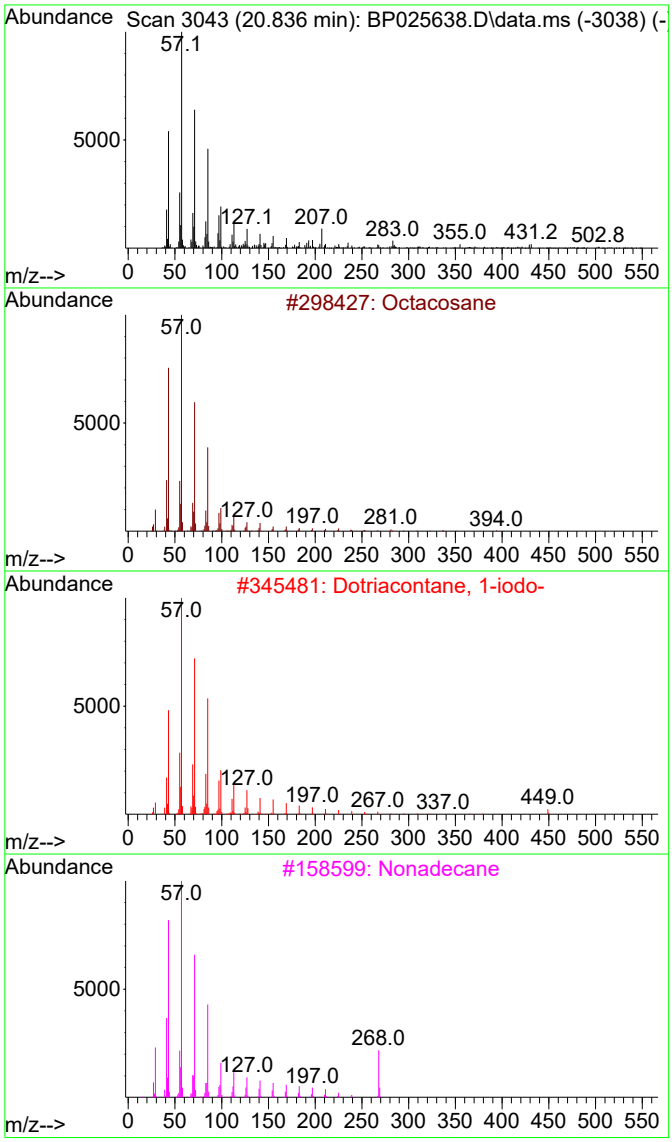
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

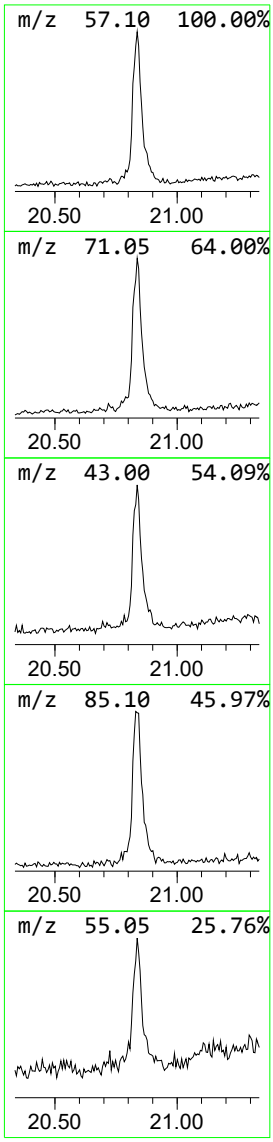
****

Peak Number 2 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.836	2.14 ng	256677	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Docosane	310	C22H46	000629-97-0	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Sample Results: **BP025638.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025638.D
Acq On : 02 Sep 2025 14:48
Operator : CG/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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-...	4.937	11.7	ng	545286	1	7.772	929314	20.0
Octacosane	20.836	2.1	ng	256677	5	21.636	2396190	20.0

Raw Data: **BP025643.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830		160	330	ug/Kg
108-95-2	Phenol	1600		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		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	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1600		18.3	170	ug/Kg
78-59-1	Isophorone	1600		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1600		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	840		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1800		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Raw Data: **BP025643.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1600		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1700		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3500	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		47.9	170	ug/Kg
206-44-0	Fluoranthene	1700		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Raw Data: **BP025643.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

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	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		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	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	129		15 - 107	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.6		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		20 - 109	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	7.772			
1146-65-2	Naphthalene-d8	553000	10.537			
15067-26-2	Acenaphthene-d10	359000	14.384			
1517-22-2	Phenanthrene-d10	751000	17.178			
1719-03-5	Chrysene-d12	817000	21.63			
1520-96-3	Perylene-d12	926000	25.001			

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\BP090225\
Data File : BP025643.D
Acq On : 02 Sep 2025 18:19
Operator : CG/JU
Sample : PB169490BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Quant Time: Sep 03 01:02:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.772	152	138252	20.000	ng		-0.02
21) Naphthalene-d8	10.537	136	552989	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	359421	20.000	ng		-0.02
64) Phenanthrene-d10	17.178	188	750779	20.000	ng		-0.02
76) Chrysene-d12	21.630	240	817465	20.000	ng		-0.02
86) Perylene-d12	25.001	264	926416	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1120556	134.602	ng		0.00
7) Phenol-d6	6.966	99	1381641	129.449	ng		0.00
23) Nitrobenzene-d5	8.913	82	913792	83.591	ng		-0.02
42) 2,4,6-Tribromophenol	15.895	330	699158	144.519	ng		-0.02
45) 2-Fluorobiphenyl	12.996	172	2147339	81.652	ng		-0.02
79) Terphenyl-d14	19.901	244	3660903	81.935	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	124536	38.191	ng		96
3) Pyridine	3.714	79	357764	40.084	ng		94
4) n-Nitrosodimethylamine	3.620	42	186674	50.732	ng		91
6) Aniline	7.108	93	509534	35.432	ng		98
8) 2-Chlorophenol	7.349	128	456853	48.631	ng		98
9) Benzaldehyde	6.925	77	187420	25.063	ng		97
10) Phenol	6.990	94	540056	48.221	ng		98
11) bis(2-Chloroethyl)ether	7.202	93	416119	47.670	ng		99
12) 1,3-Dichlorobenzene	7.661	146	487999	47.110	ng		96
13) 1,4-Dichlorobenzene	7.808	146	494417	46.697	ng		99
14) 1,2-Dichlorobenzene	8.119	146	478558	46.693	ng		99
15) Benzyl Alcohol	8.008	79	398744	47.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	580495	49.642	ng		97
17) 2-Methylphenol	8.219	107	374378	48.131	ng		99
18) Hexachloroethane	8.837	117	188805	48.500	ng		99
19) n-Nitroso-di-n-propyla...	8.566	70	320966	45.400	ng		96
20) 3+4-Methylphenols	8.543	107	497750	46.165	ng		95
22) Acetophenone	8.584	105	665460	47.986	ng	#	97
24) Nitrobenzene	8.955	77	474485	48.566	ng		98
25) Isophorone	9.478	82	907986	46.933	ng		99
26) 2-Nitrophenol	9.660	139	250563	49.973	ng		98
27) 2,4-Dimethylphenol	9.725	122	417443	48.413	ng		98
28) bis(2-Chloroethoxy)met...	9.949	93	548944	46.940	ng		98
29) 2,4-Dichlorophenol	10.196	162	425969	49.731	ng		97
30) 1,2,4-Trichlorobenzene	10.402	180	442104	47.084	ng		99
31) Naphthalene	10.590	128	1351381	47.018	ng		100
32) Benzoic acid	9.890	122	341124	53.587	ng		99
33) 4-Chloroaniline	10.696	127	321432	25.318	ng		99
34) Hexachlorobutadiene	10.872	225	288397	49.318	ng		99
35) Caprolactam	11.496	113	154376	49.151	ng		99
36) 4-Chloro-3-methylphenol	11.831	107	493029	50.162	ng		95
37) 2-Methylnaphthalene	12.196	142	873424	46.696	ng		99
38) 1-Methylnaphthalene	12.413	142	909488	45.723	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	501988	48.359	ng		99
41) Hexachlorocyclopentadiene	12.543	237	566065	90.278	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	355841	50.777	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025643.D
Acq On : 02 Sep 2025 18:19
Operator : CG/JU
Sample : PB169490BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Quant Time: Sep 03 01:02:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

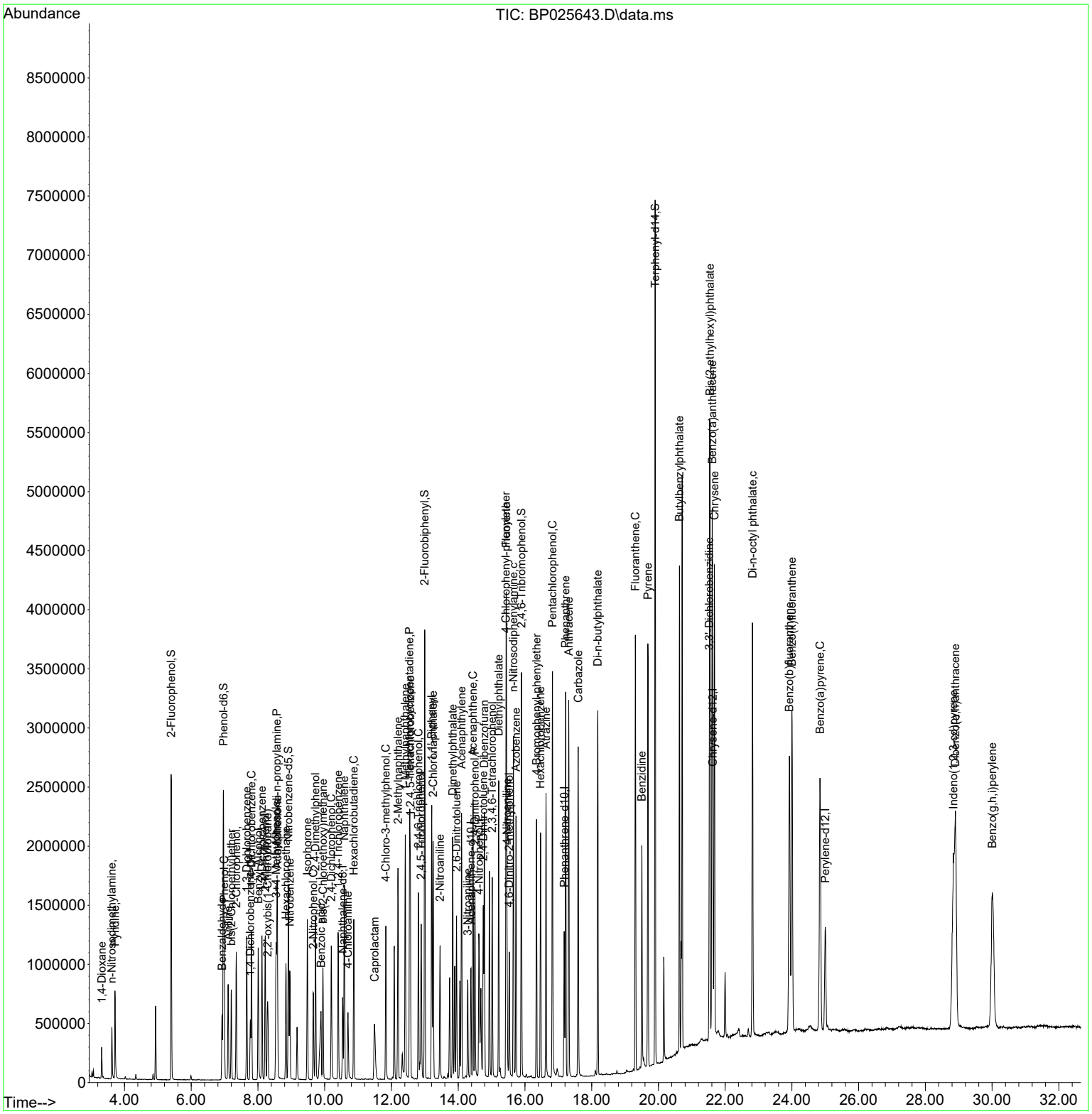
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	393559	51.241	ng		99
46) 1,1'-Biphenyl	13.207	154	1250837	47.919	ng		98
47) 2-Chloronaphthalene	13.248	162	957373	47.112	ng		99
48) 2-Nitroaniline	13.454	65	316460	53.446	ng		96
49) Acenaphthylene	14.101	152	1613684	47.990	ng		100
50) Dimethylphthalate	13.837	163	1301867	49.463	ng		100
51) 2,6-Dinitrotoluene	13.948	165	285785	51.516	ng		92
52) Acenaphthene	14.443	154	908221	46.015	ng		100
53) 3-Nitroaniline	14.284	138	222750	35.689	ng		96
54) 2,4-Dinitrophenol	14.501	184	350614	118.350	ng		98
55) Dibenzofuran	14.784	168	1490001	47.748	ng		99
56) 4-Nitrophenol	14.625	139	500627	97.610	ng		95
57) 2,4-Dinitrotoluene	14.754	165	418449	52.869	ng		98
58) Fluorene	15.442	166	1189895	48.324	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	354740	52.308	ng		100
60) Diethylphthalate	15.213	149	1372072	51.304	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	599245	48.934	ng		97
62) 4-Nitroaniline	15.460	138	313379	48.976	ng		94
63) Azobenzene	15.731	77	1181456	51.593	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	247653	52.917	ng		92
66) n-Nitrosodiphenylamine	15.654	169	1095502	47.850	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	400071	48.451	ng		97
68) Hexachlorobenzene	16.466	284	464294	48.507	ng		99
69) Atrazine	16.631	200	433636	50.576	ng		98
70) Pentachlorophenol	16.825	266	629724	104.221	ng		98
71) Phenanthrene	17.219	178	1963486	47.608	ng		99
72) Anthracene	17.313	178	2013380	47.804	ng		99
73) Carbazole	17.595	167	1910800	48.166	ng		99
74) Di-n-butylphthalate	18.184	149	2580140	52.863	ng		100
75) Fluoranthene	19.307	202	2437671	49.551	ng		99
77) Benzidine	19.501	184	1143376	40.984	ng		100
78) Pyrene	19.683	202	2524048	47.504	ng		99
80) Butylbenzylphthalate	20.630	149	1272403	52.840	ng		99
81) Benzo(a)anthracene	21.613	228	2643485	49.033	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	696561	34.278	ng		100
83) Chrysene	21.677	228	2432537	48.180	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1872697	52.830	ng		99
85) Di-n-octyl phthalate	22.819	149	3295593	54.051	ng		98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3298591	48.552	ng	#	88
88) Benzo(b)fluoranthene	23.924	252	2660138	48.695	ng		100
89) Benzo(k)fluoranthene	24.001	252	2715970	49.684	ng		99
90) Benzo(a)pyrene	24.842	252	2607501	49.035	ng		99
91) Dibenzo(a,h)anthracene	28.901	278	2699614	48.624	ng		98
92) Benzo(g,h,i)perylene	30.006	276	2619132	47.991	ng		99

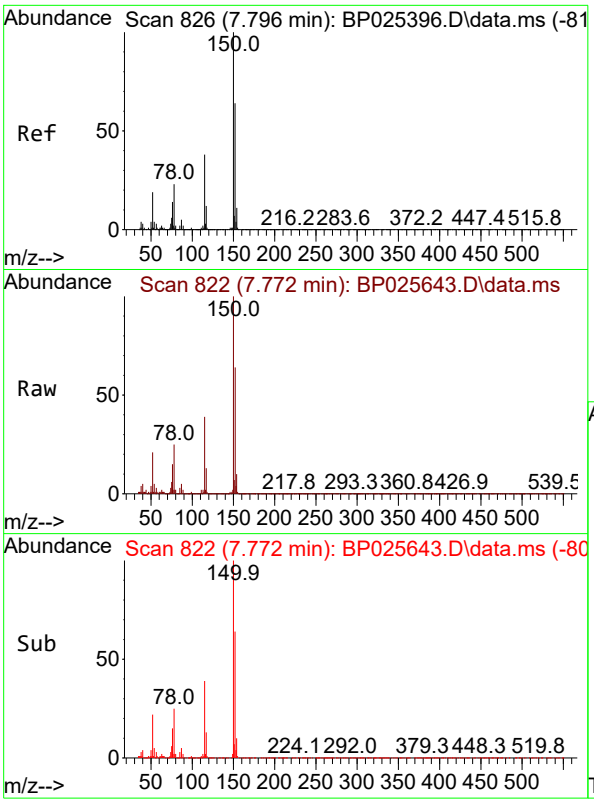
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025643.D
Acq On : 02 Sep 2025 18:19
Operator : CG/JU
Sample : PB169490BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Quant Time: Sep 03 01:02:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



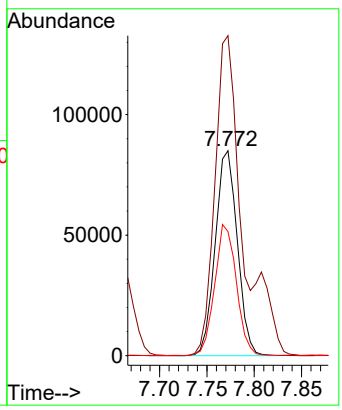


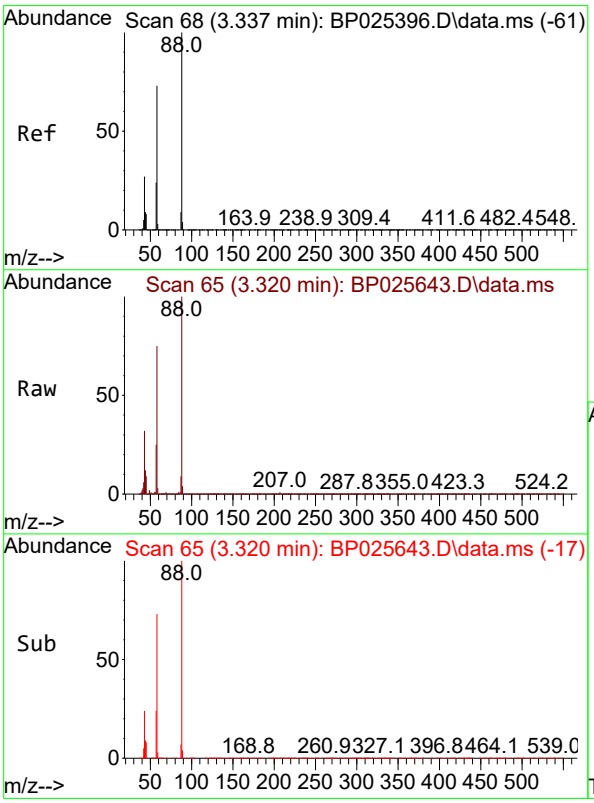
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:152 Resp: 138252

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.9	188.9
115	60.6	48.5	72.7

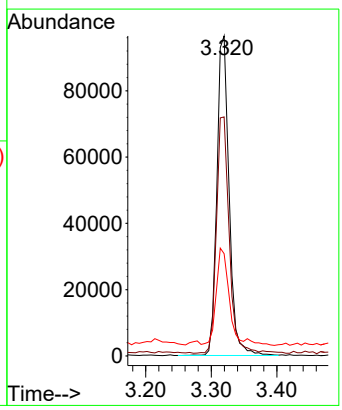


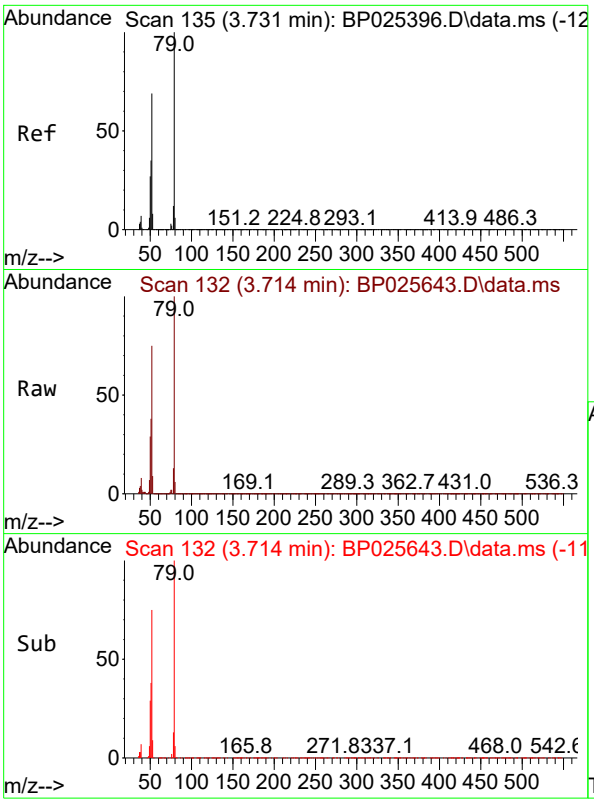


#2
1,4-Dioxane
Concen: 38.191 ng
RT: 3.320 min Scan# 65
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 88 Resp: 124536

Ion	Ratio	Lower	Upper
88	100		
58	77.1	59.2	88.8
43	30.6	21.7	32.5



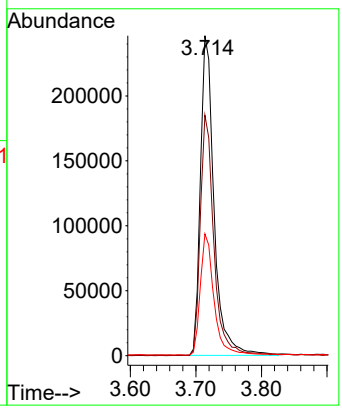


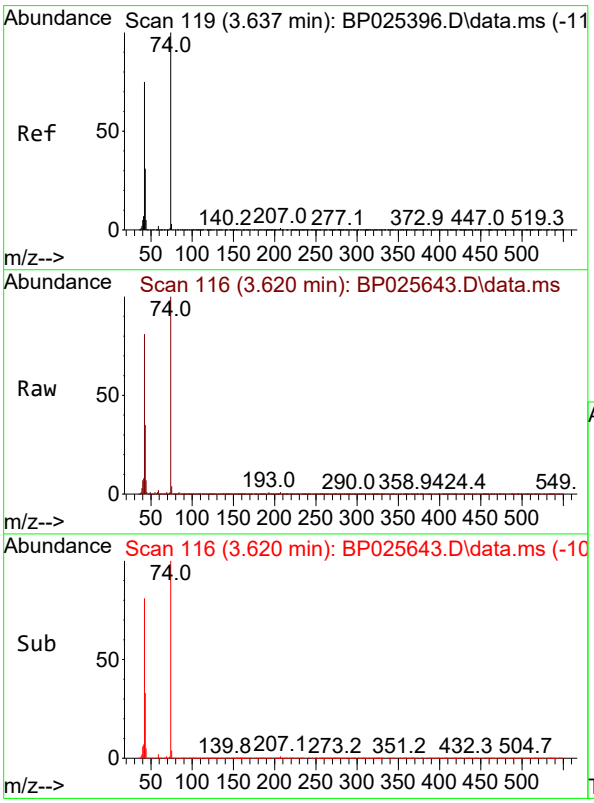
#3
Pyridine
Concen: 40.084 ng
RT: 3.714 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 79 Resp: 357764

Ion	Ratio	Lower	Upper
79	100		
52	75.2	55.5	83.3
51	38.0	28.3	42.5

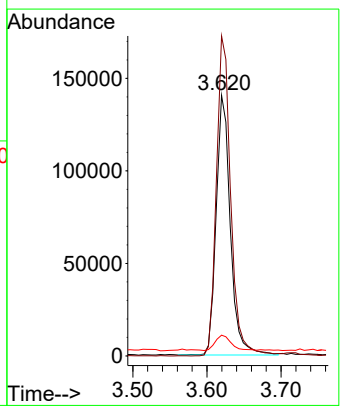


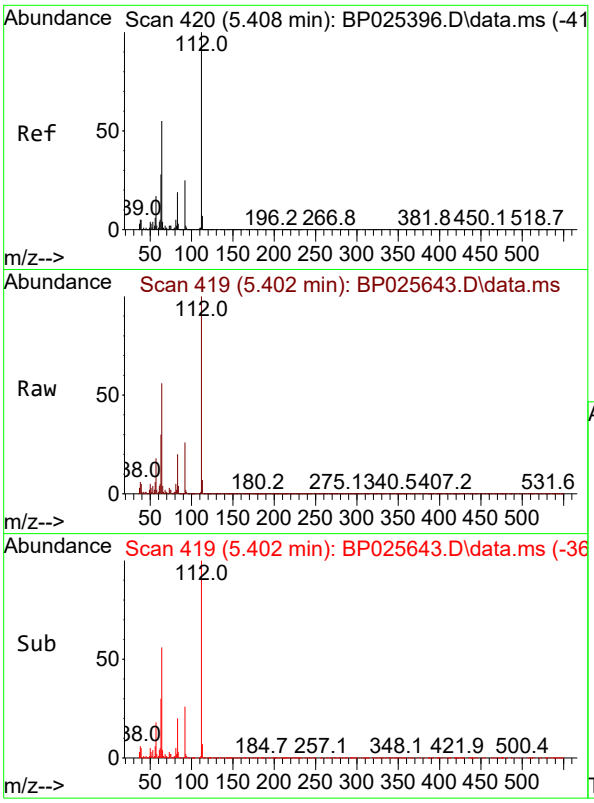


#4
n-Nitrosodimethylamine
Concen: 50.732 ng
RT: 3.620 min Scan# 116
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 42 Resp: 186674

Ion	Ratio	Lower	Upper
42	100		
74	122.8	107.0	160.4
44	8.0	6.2	9.4



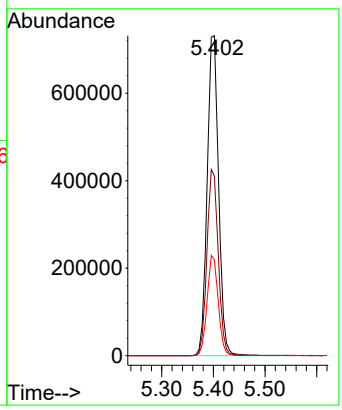


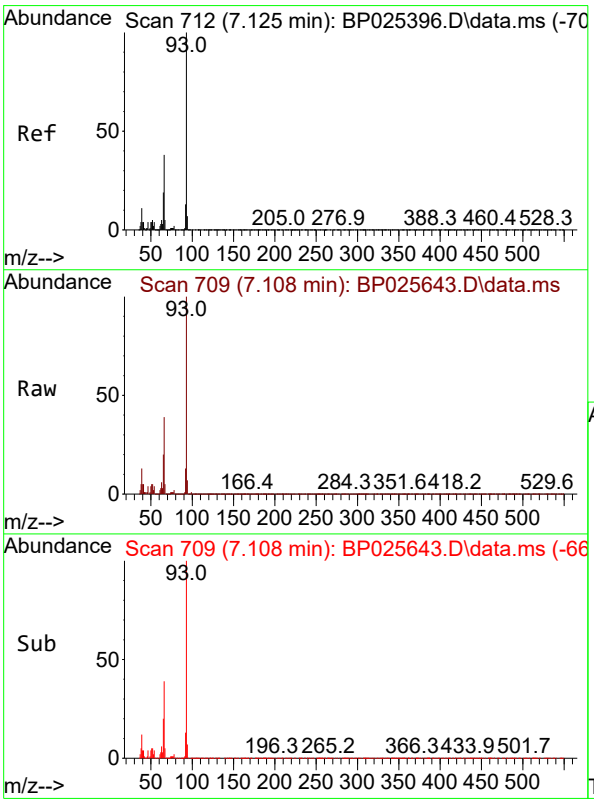
#5
2-Fluorophenol
Concen: 134.602 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:112 Resp: 1120556

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	29.9	22.7	34.1

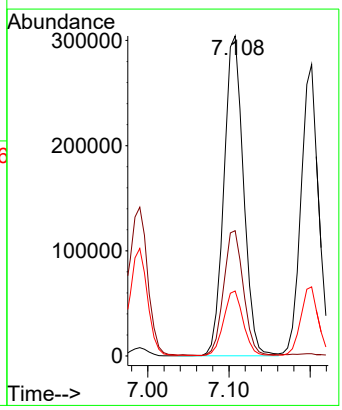


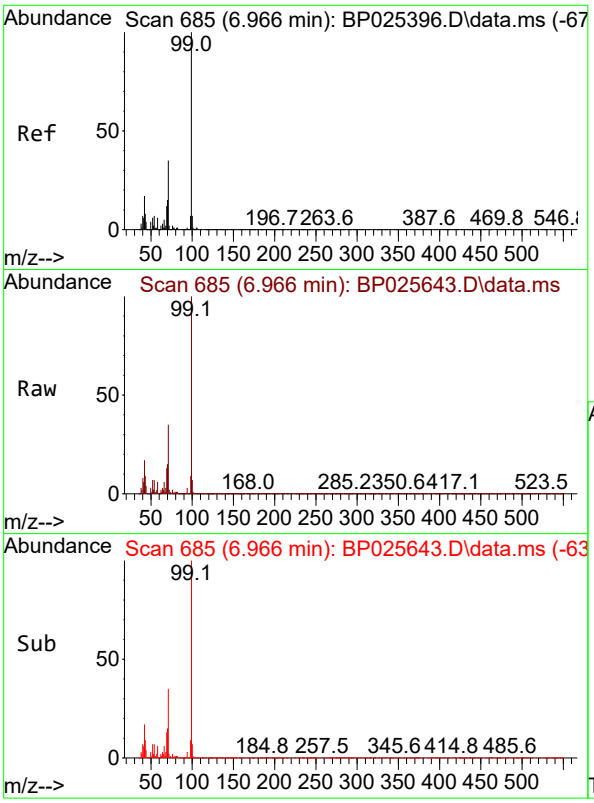


#6
Aniline
Concen: 35.432 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 93 Resp: 509534

Ion	Ratio	Lower	Upper
93	100		
66	39.1	30.4	45.6
65	20.3	15.3	22.9



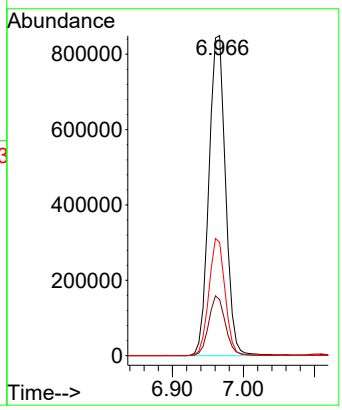


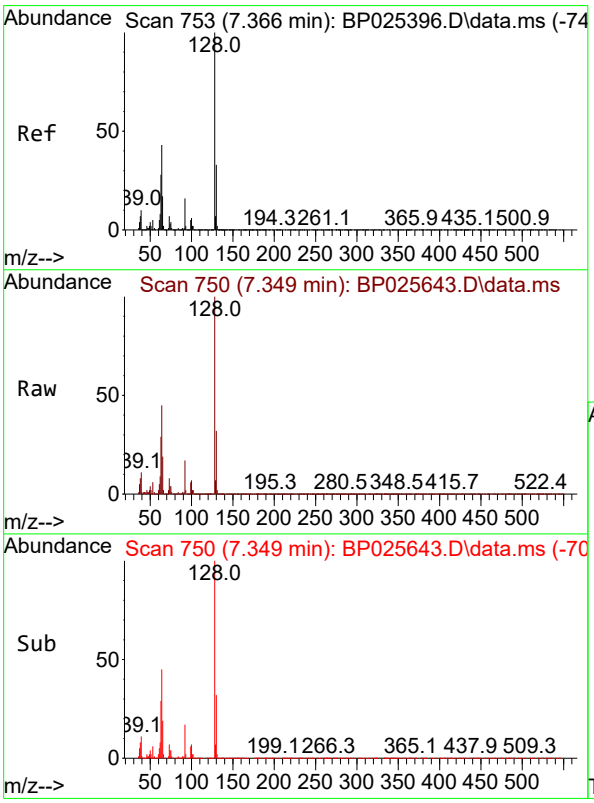
#7
Phenol-d6
Concen: 129.449 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 99 Resp: 1381641

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	35.4	28.2	42.4

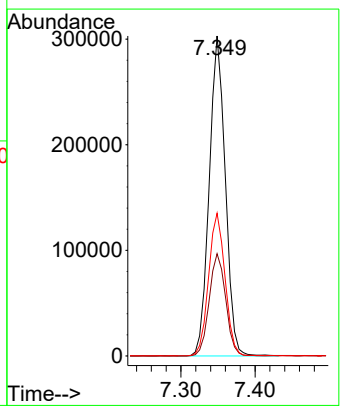


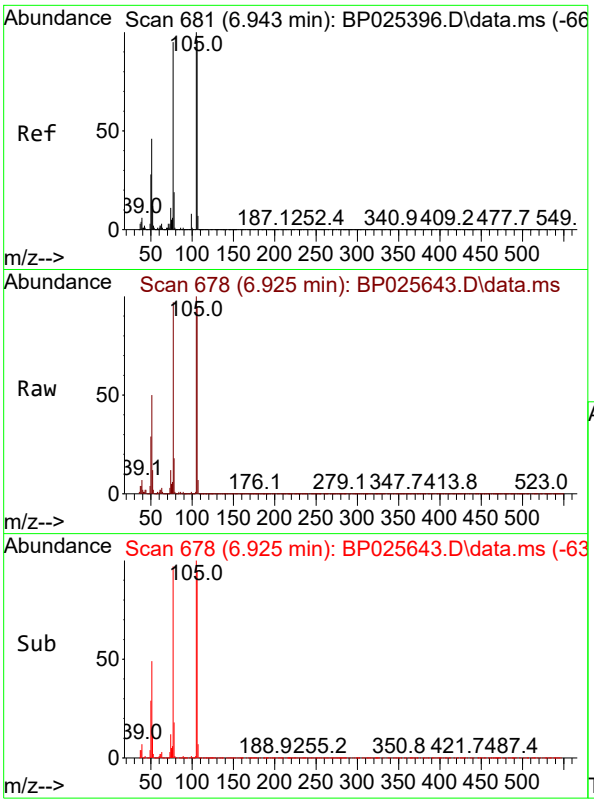


#8
2-Chlorophenol
Concen: 48.631 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:128 Resp: 456853

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	44.6	23.4	63.4



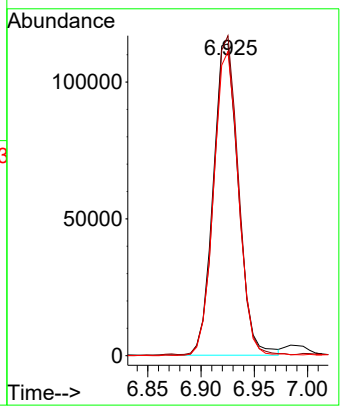


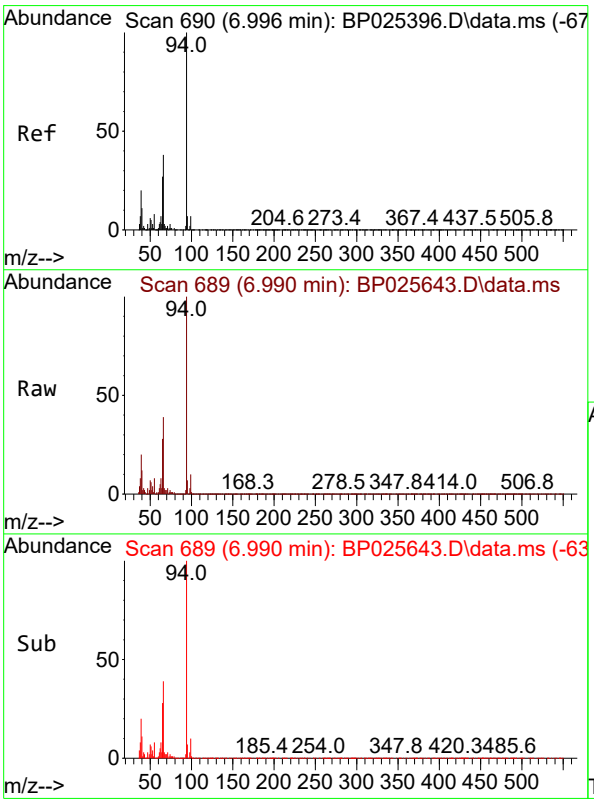
#9
Benzaldehyde
Concen: 25.063 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 77 Resp: 187420

Ion	Ratio	Lower	Upper
77	100		
105	102.6	84.8	124.8
106	97.5	80.5	120.5

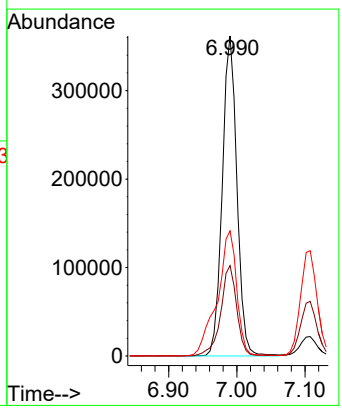


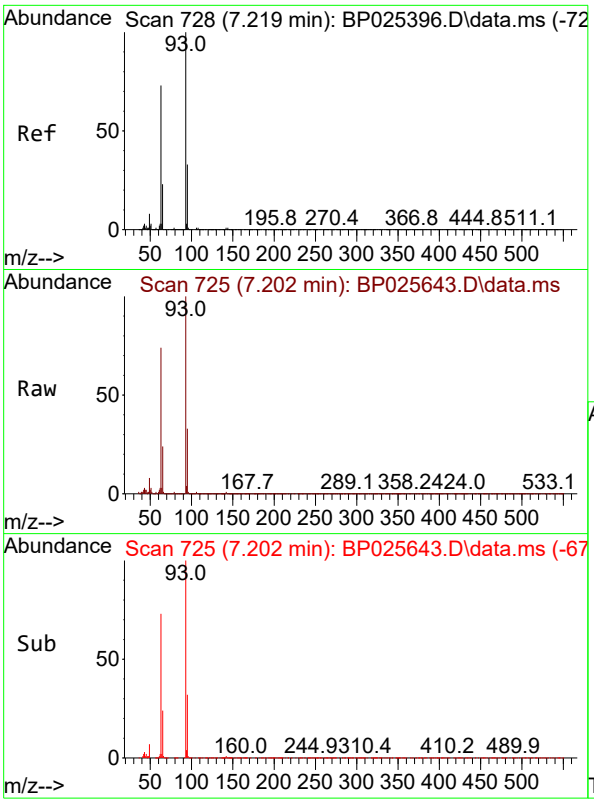


#10
Phenol
Concen: 48.221 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 94 Resp: 540056

Ion	Ratio	Lower	Upper
94	100		
65	28.2	6.8	46.8
66	39.1	18.2	58.2



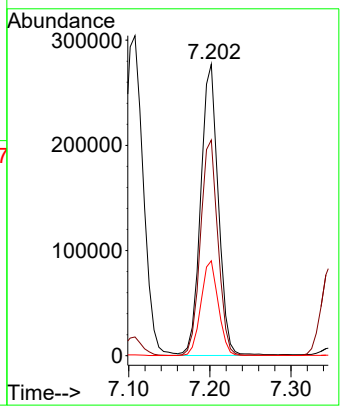


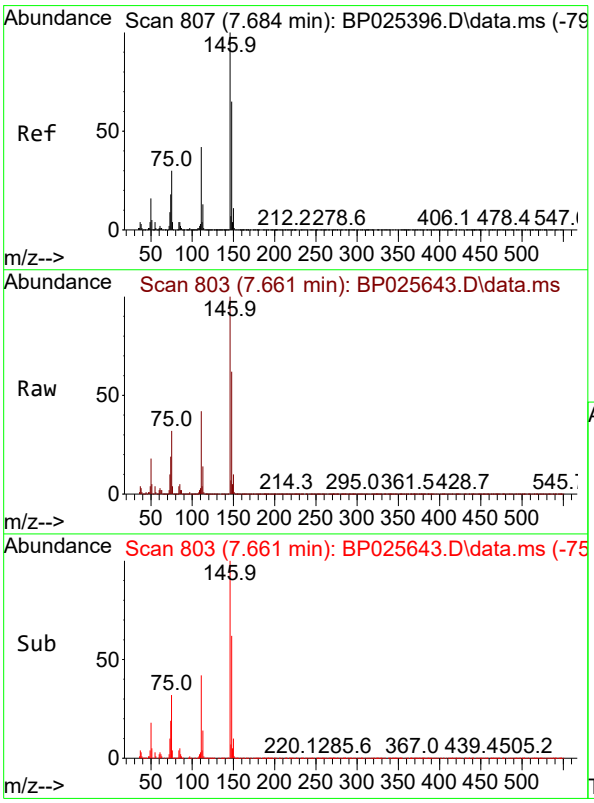
#11
bis(2-Chloroethyl)ether
Concen: 47.670 ng
RT: 7.202 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 93 Resp: 416119

Ion	Ratio	Lower	Upper
93	100		
63	74.0	52.6	92.6
95	32.5	12.7	52.7

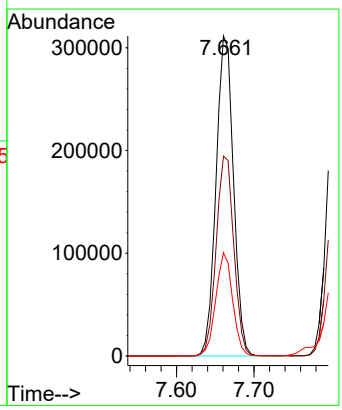


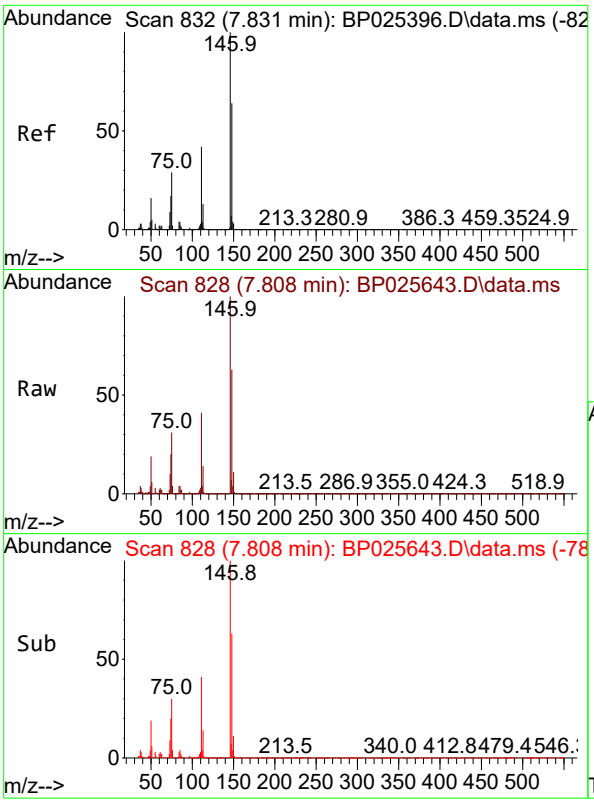


#12
1,3-Dichlorobenzene
Concen: 47.110 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:146 Resp: 487999

Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
75	32.2	23.7	35.5



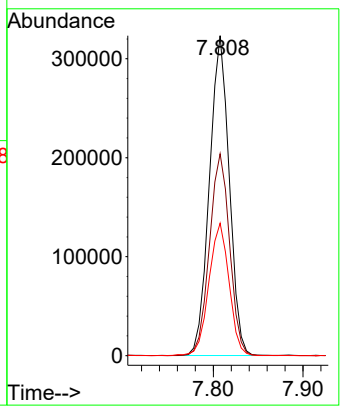


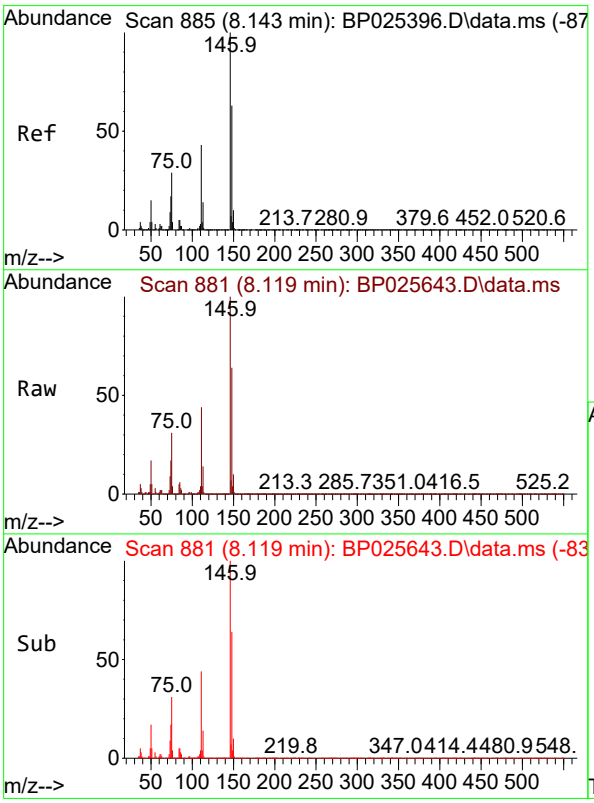
#13
1,4-Dichlorobenzene
Concen: 46.697 ng
RT: 7.808 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:146 Resp: 494417

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	41.4	33.4	50.0

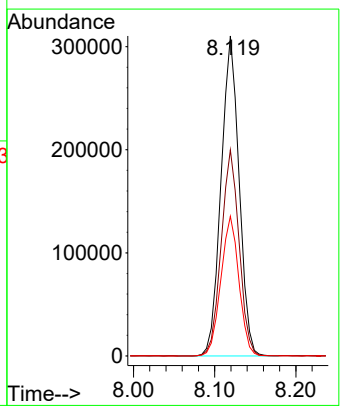


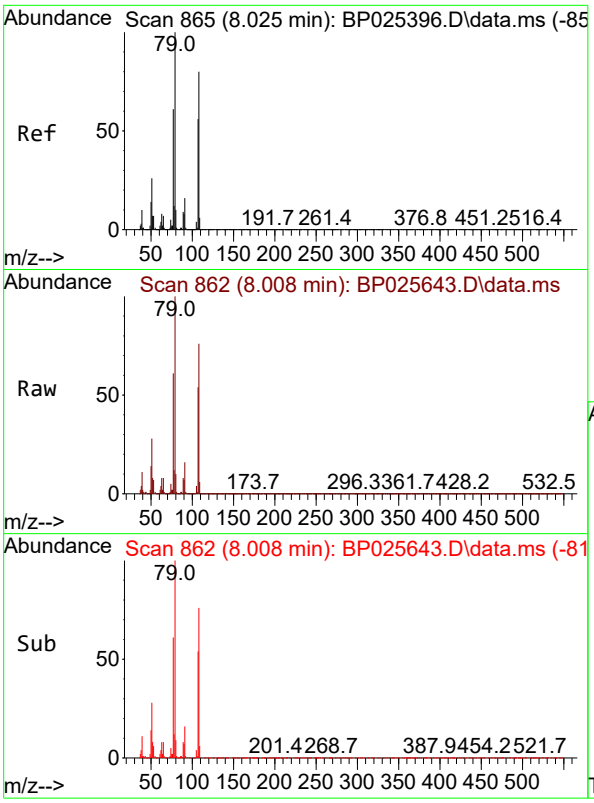


#14
1,2-Dichlorobenzene
Concen: 46.693 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:146 Resp: 478558

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	43.7	34.5	51.7



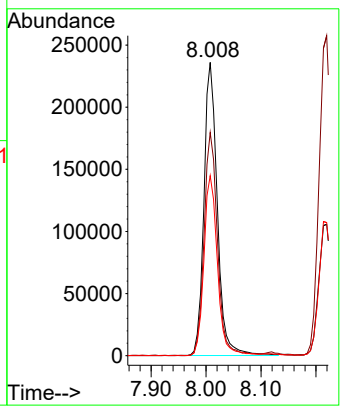


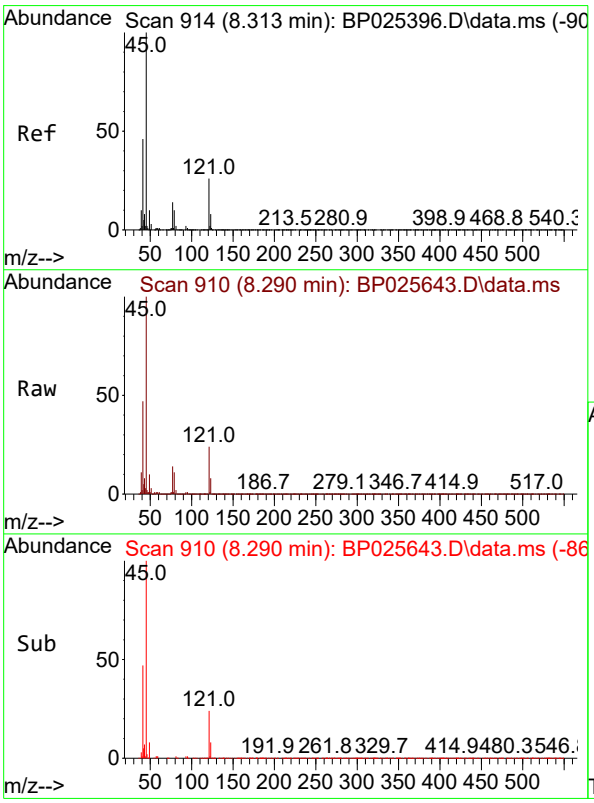
#15
Benzyl Alcohol
Concen: 47.018 ng
RT: 8.008 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 79 Resp: 398744

Ion	Ratio	Lower	Upper
79	100		
108	76.1	63.8	95.6
77	61.4	49.0	73.4

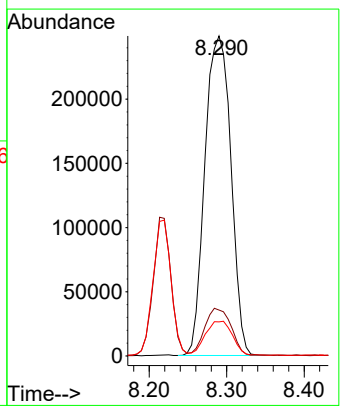


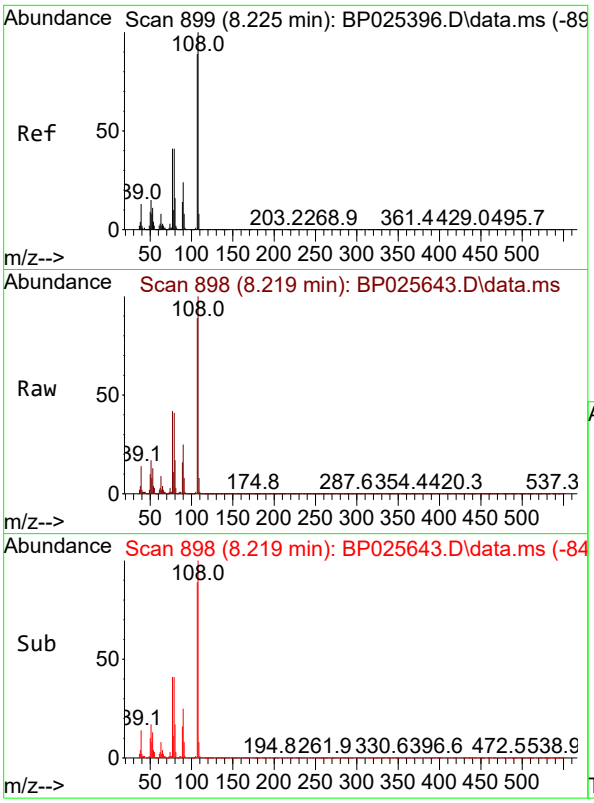


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.642 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 45 Resp: 580495

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	35.3
79	10.6	0.0	31.8



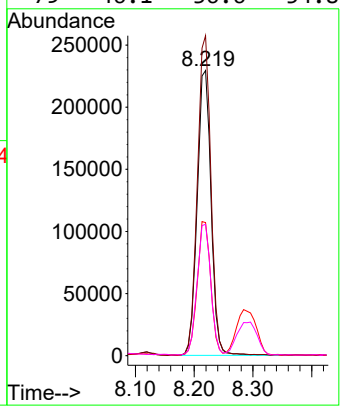


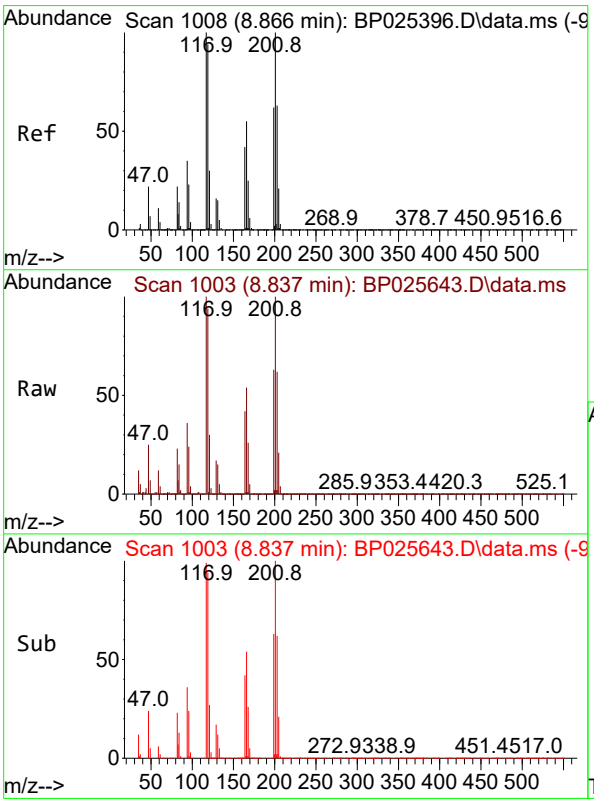
#17
2-Methylphenol
Concen: 48.131 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:107 Resp: 374378

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.0
77	46.7	36.3	54.5
79	46.1	36.6	54.8

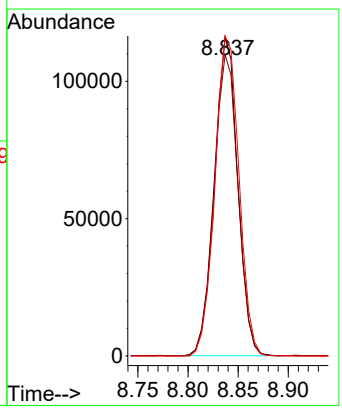


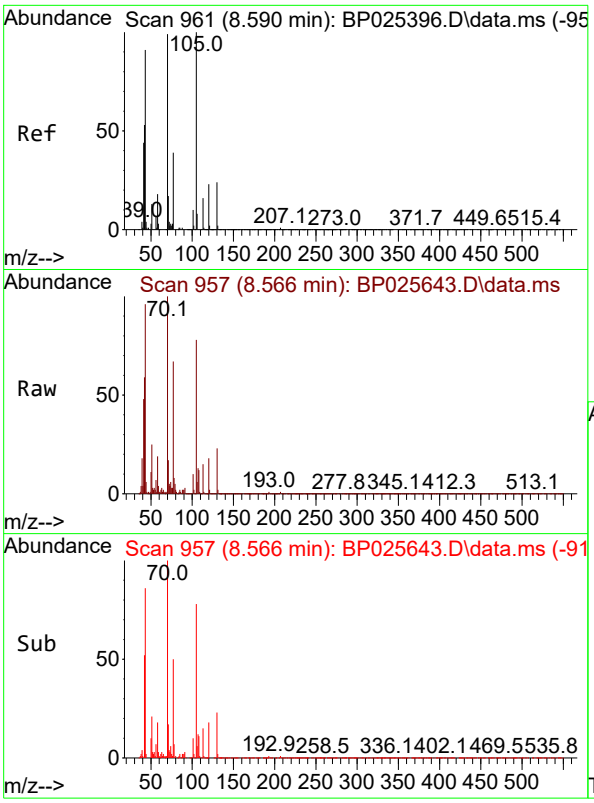


#18
Hexachloroethane
Concen: 48.500 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:117 Resp: 188805

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.1	112.7
201	100.4	80.1	120.1



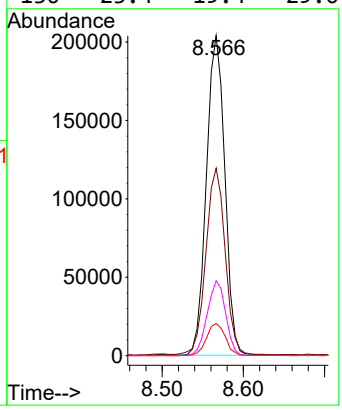


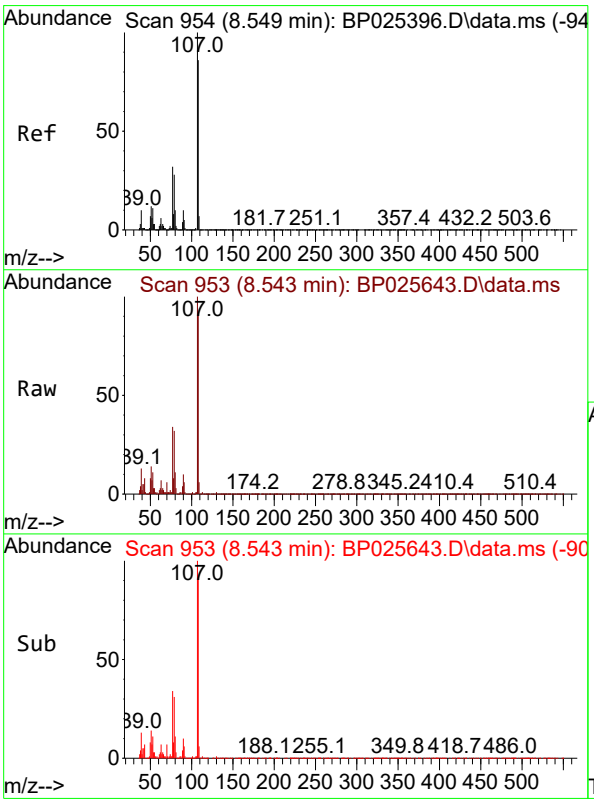
#19
n-Nitroso-di-n-propylamine
Concen: 45.400 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 70 Resp: 320966

Ion	Ratio	Lower	Upper
70	100		
42	58.6	43.8	65.6
101	10.1	8.5	12.7
130	23.4	19.4	29.0

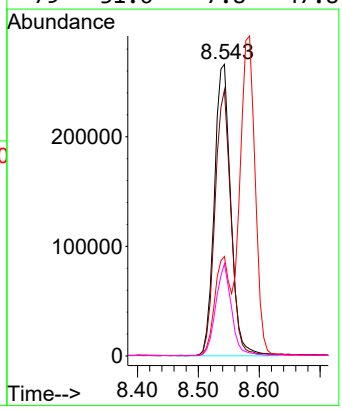


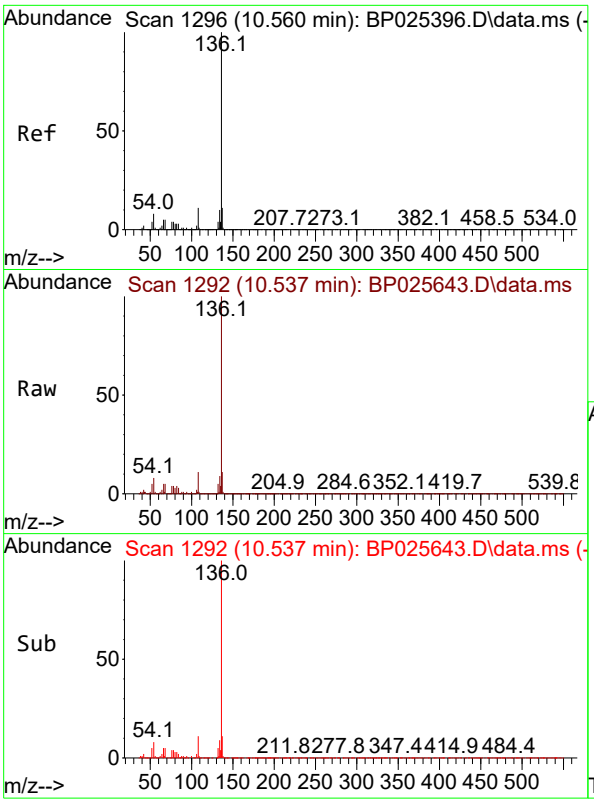


#20
3+4-Methylphenols
Concen: 46.165 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:107 Resp: 497750

Ion	Ratio	Lower	Upper
107	100		
108	91.2	66.3	106.3
77	34.1	12.3	52.3
79	31.6	7.8	47.8



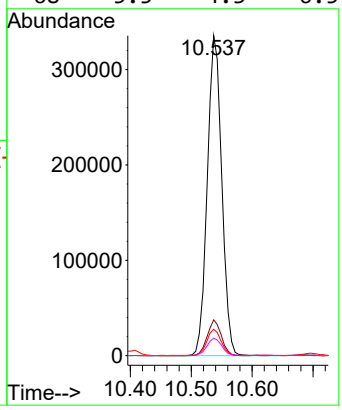


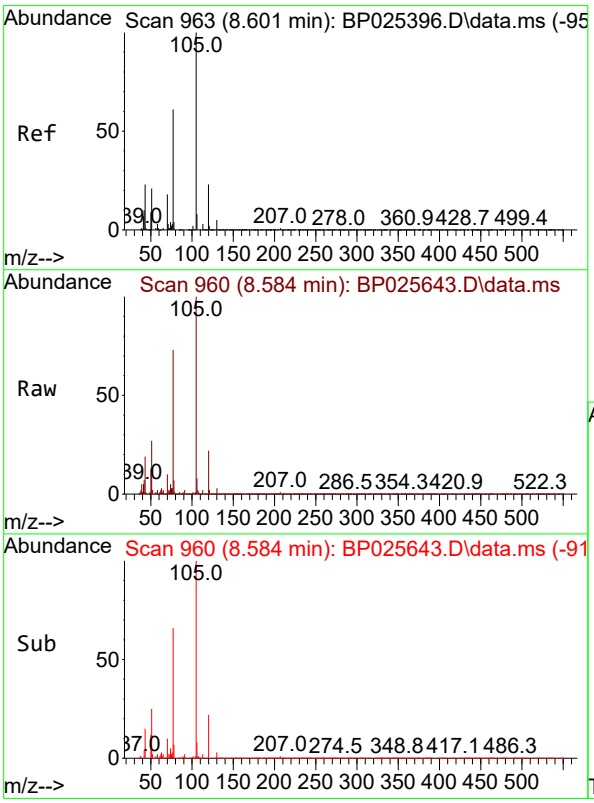
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:136 Resp: 552989

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.2	6.0	9.0
68	5.5	4.3	6.5

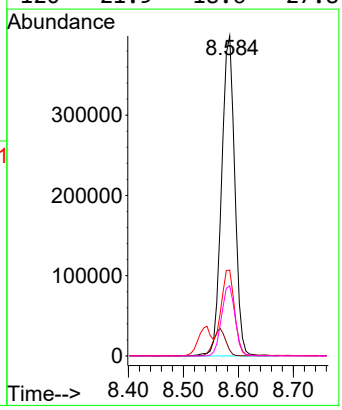


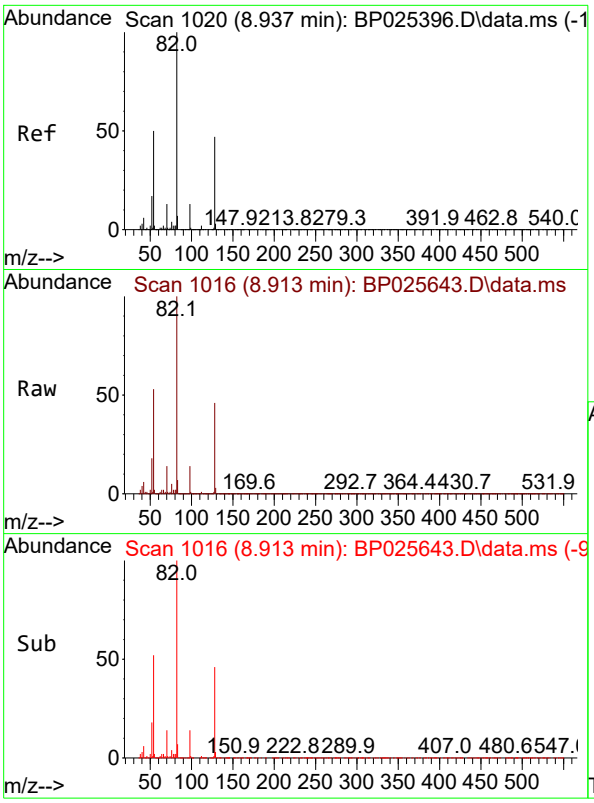


#22
Acetophenone
Concen: 47.986 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:105 Resp: 665460

Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.6	4.0#
51	26.8	20.6	30.8
120	21.9	18.6	27.8



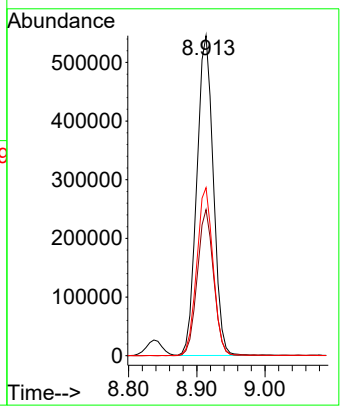


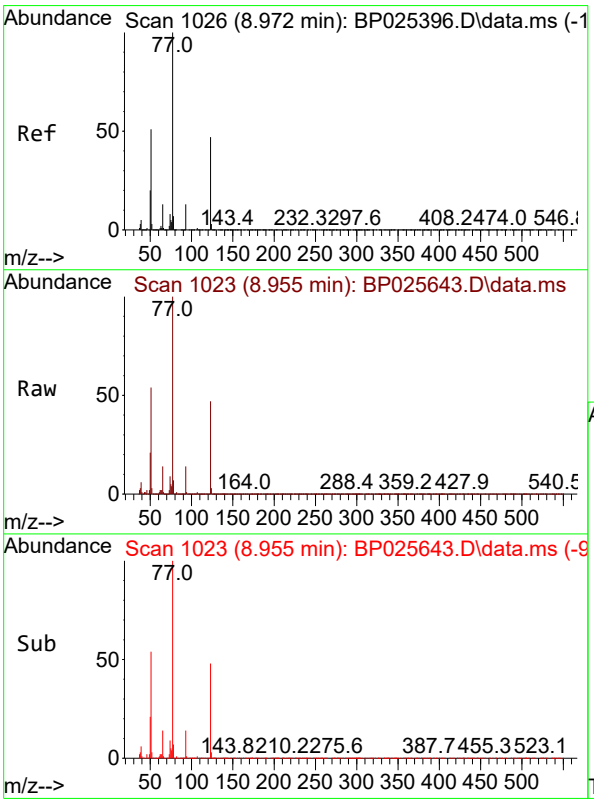
#23
Nitrobenzene-d5
Concen: 83.591 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 82 Resp: 913792

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	52.5	39.8	59.6

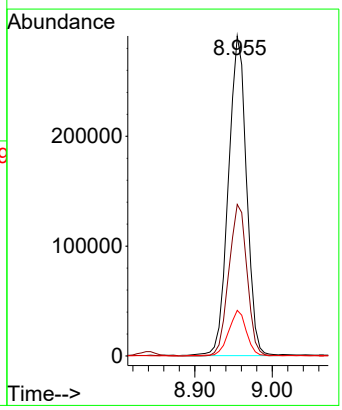


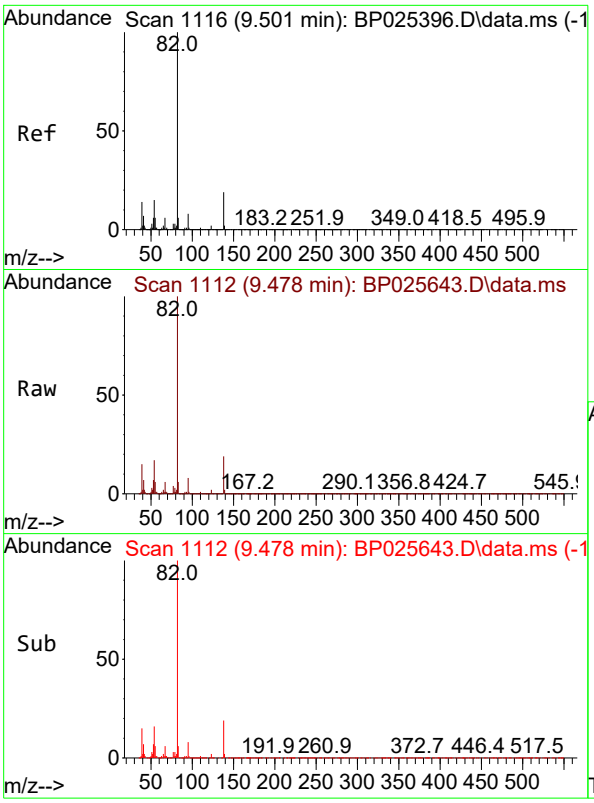


#24
Nitrobenzene
Concen: 48.566 ng
RT: 8.955 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 77 Resp: 474485

Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.6	58.0
65	14.3	10.6	15.8



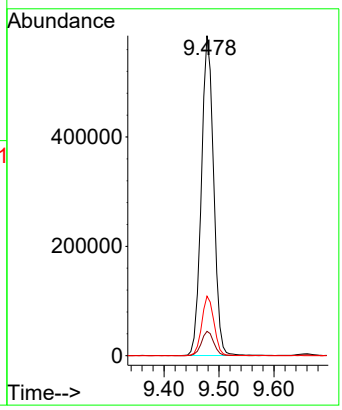


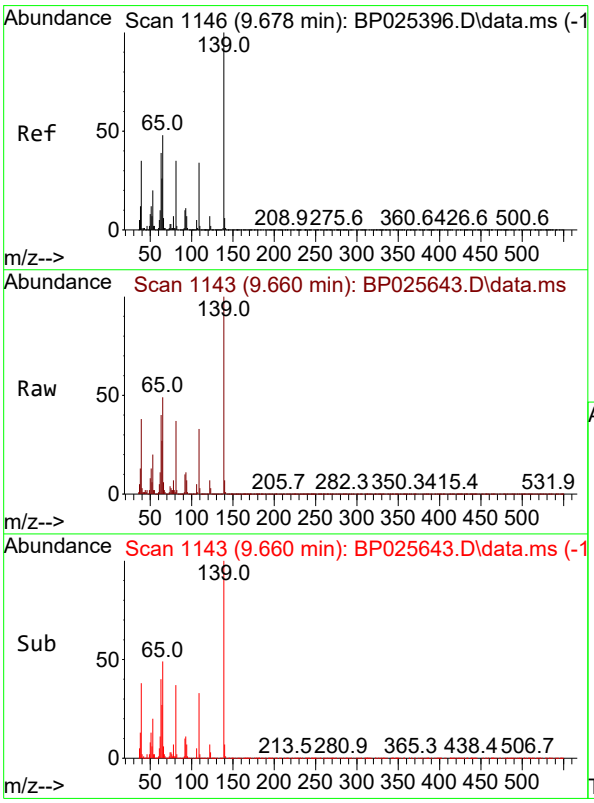
#25
Isophorone
Concen: 46.933 ng
RT: 9.478 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 82 Resp: 907986

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	18.6	15.4	23.0

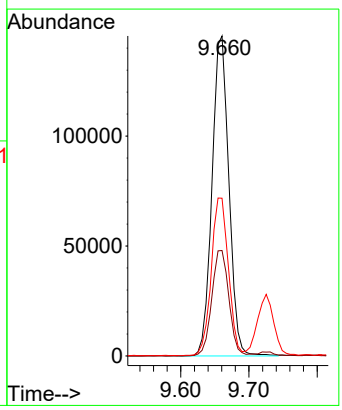


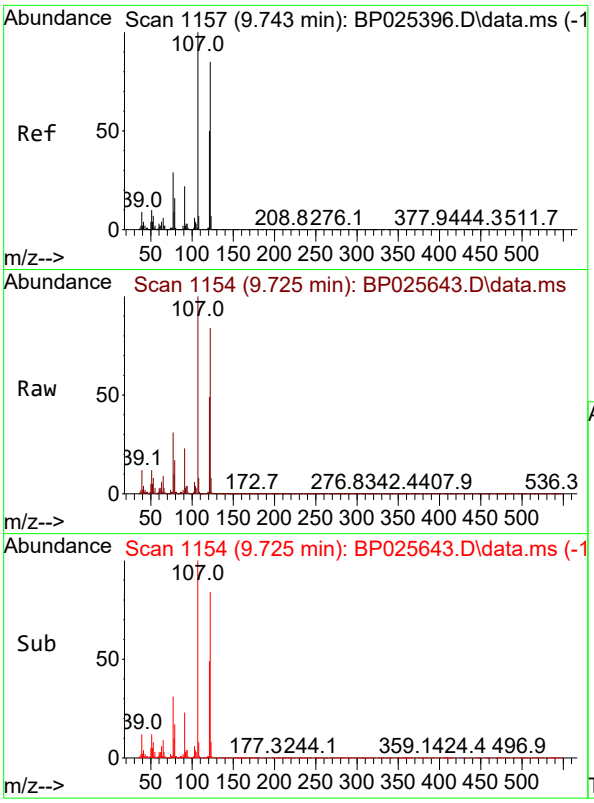


#26
2-Nitrophenol
Concen: 49.973 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:139 Resp: 250563

Ion	Ratio	Lower	Upper
139	100		
109	33.0	26.9	40.3
65	49.3	38.3	57.5



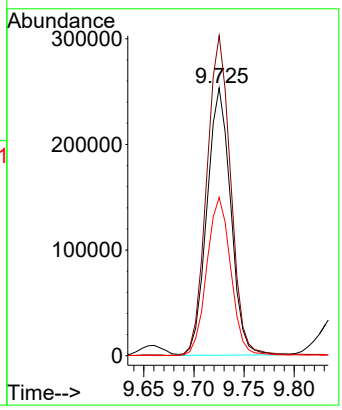


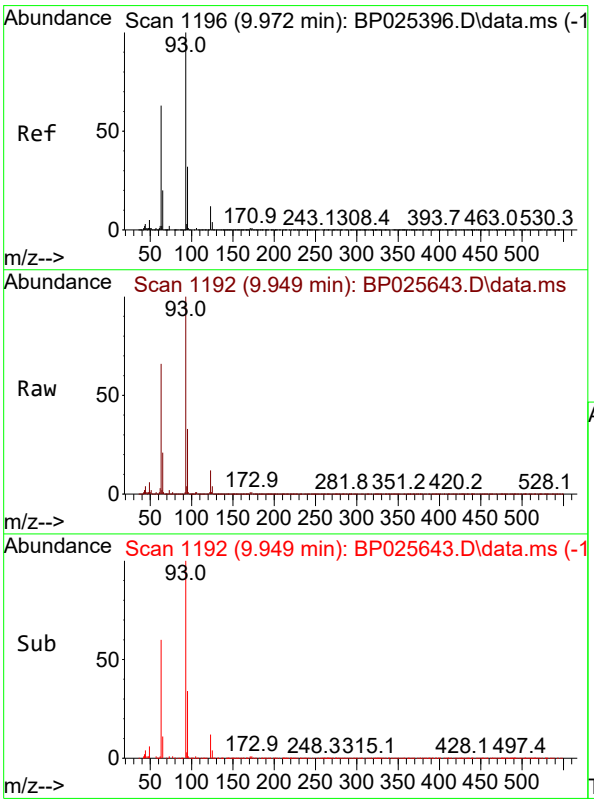
#27
2,4-Dimethylphenol
Concen: 48.413 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:122 Resp: 417443

Ion	Ratio	Lower	Upper
122	100		
107	119.5	93.7	140.5
121	59.1	46.6	69.8

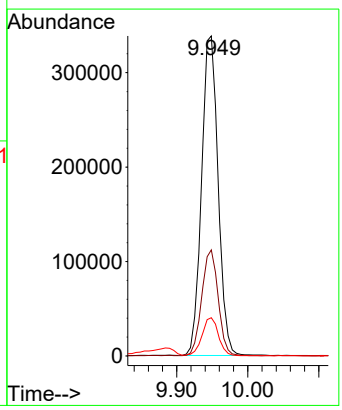


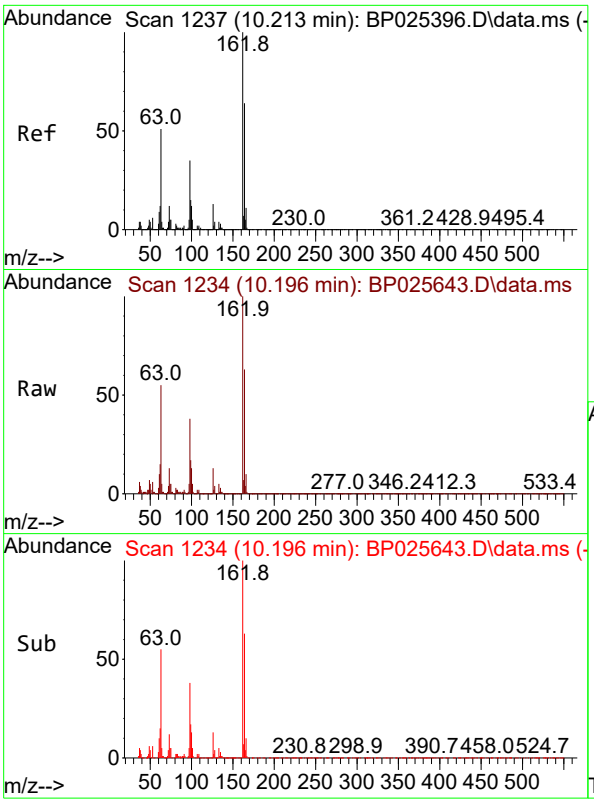


#28
bis(2-Chloroethoxy)methane
Concen: 46.940 ng
RT: 9.949 min Scan# 1192
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 93 Resp: 548944

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.0
123	12.0	9.4	14.0



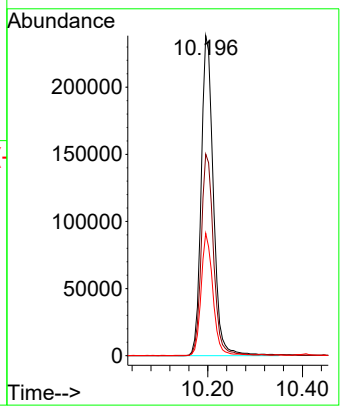


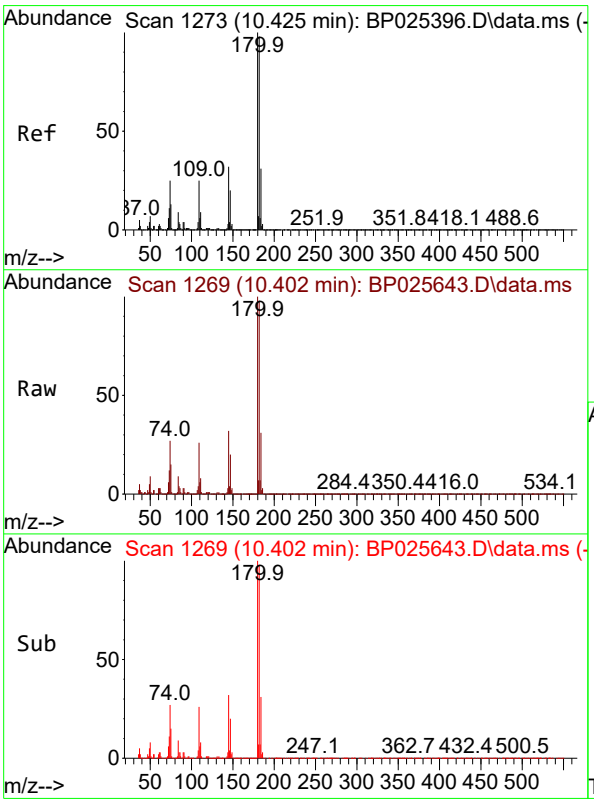
#29
2,4-Dichlorophenol
Concen: 49.731 ng
RT: 10.196 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:162 Resp: 425969

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	38.3	14.9	54.9

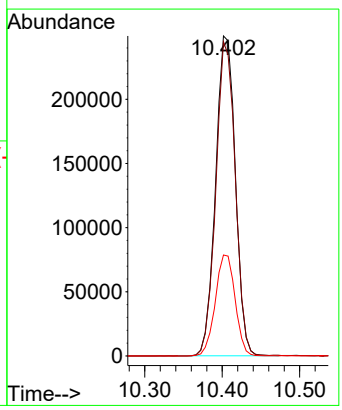


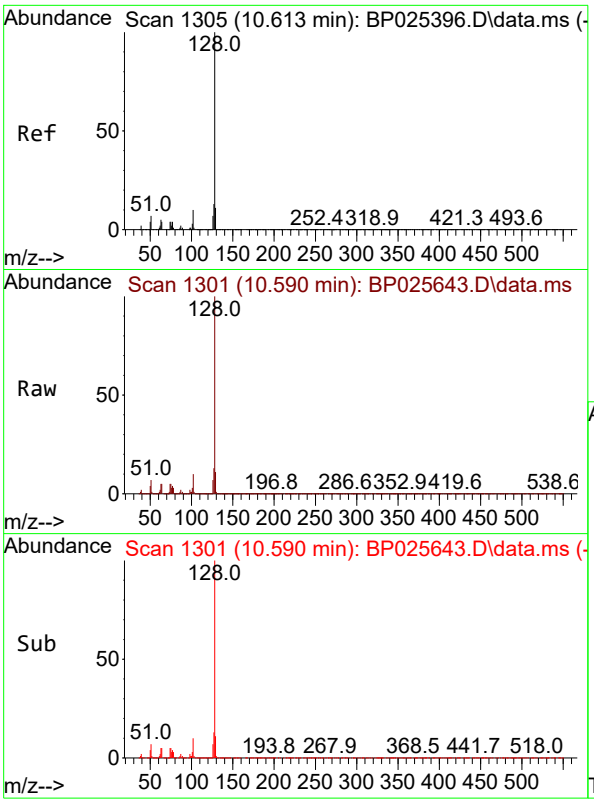


#30
1,2,4-Trichlorobenzene
Concen: 47.084 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:180 Resp: 442104

Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.0	117.0
145	31.5	25.9	38.9



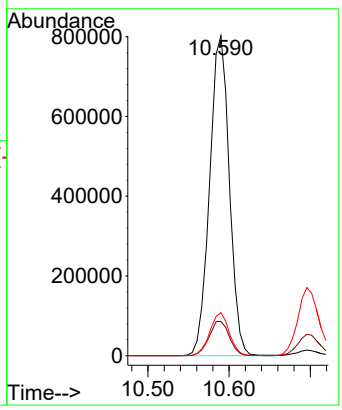


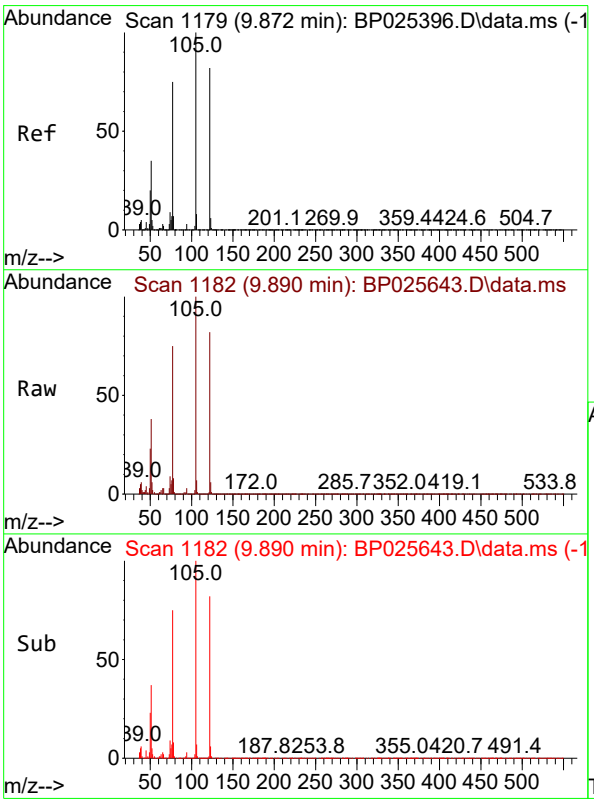
#31
Naphthalene
Concen: 47.018 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:128 Resp: 1351381

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.5	10.7	16.1

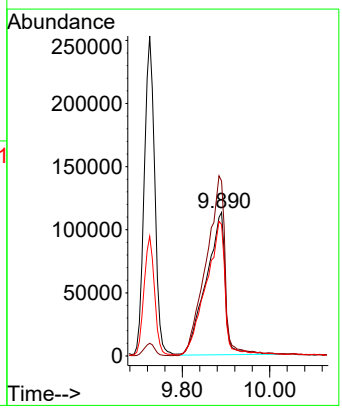


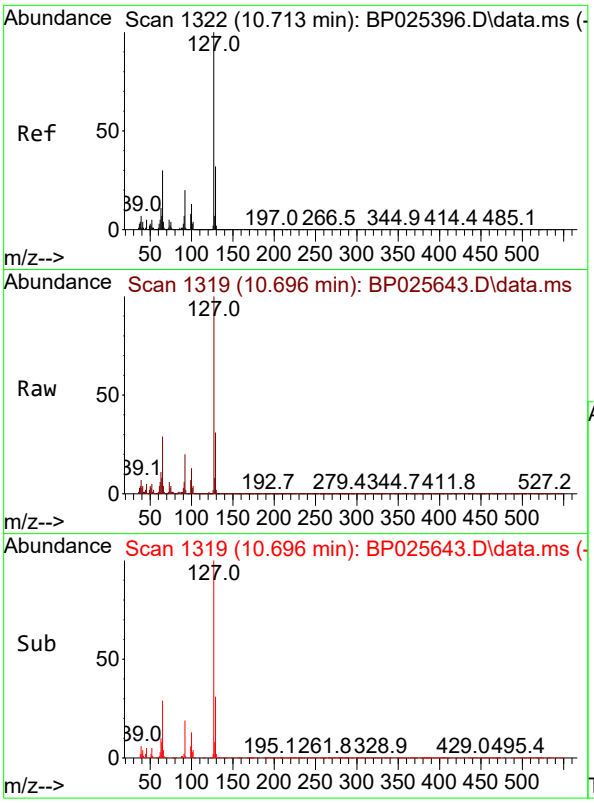


#32
Benzoic acid
Concen: 53.587 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.018 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:122 Resp: 341124

Ion	Ratio	Lower	Upper
122	100		
105	121.9	100.6	140.6
77	91.7	71.5	111.5



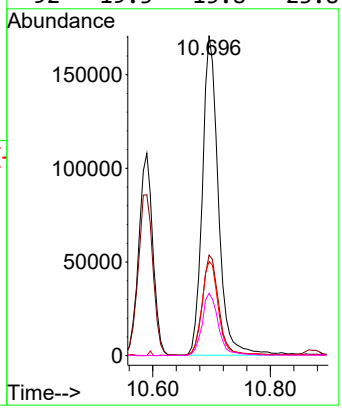


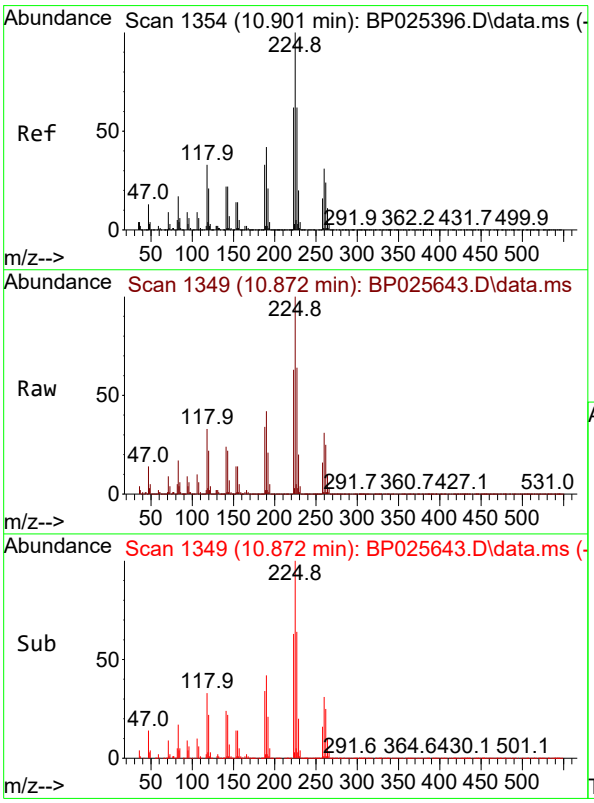
#33
4-Chloroaniline
Concen: 25.318 ng
RT: 10.696 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:127 Resp: 321432

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	29.5	23.8	35.6
92	19.5	15.8	23.8

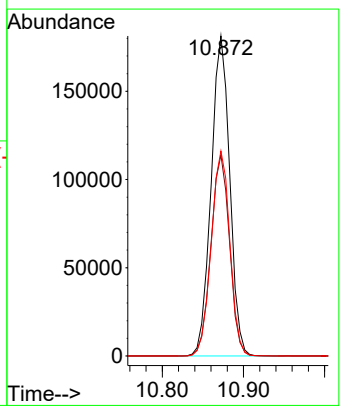


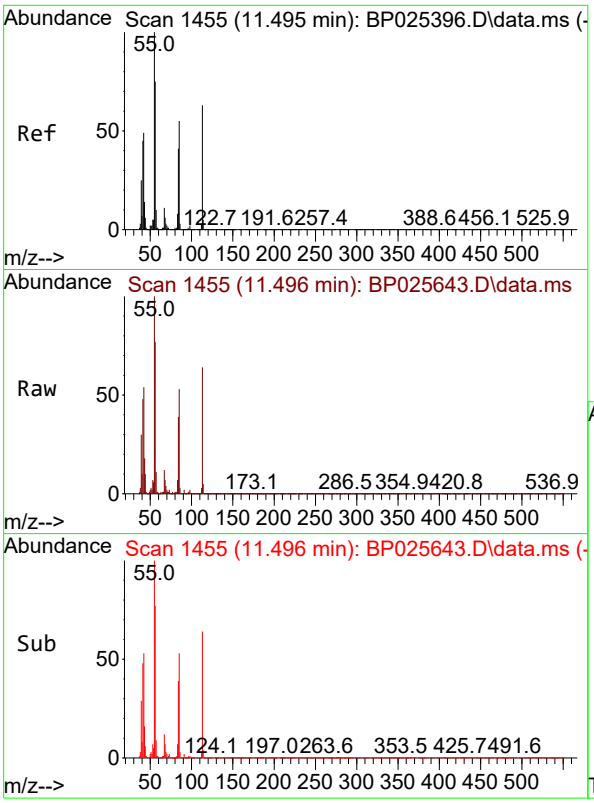


#34
Hexachlorobutadiene
Concen: 49.318 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:225 Resp: 288397

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.0	49.7	74.5



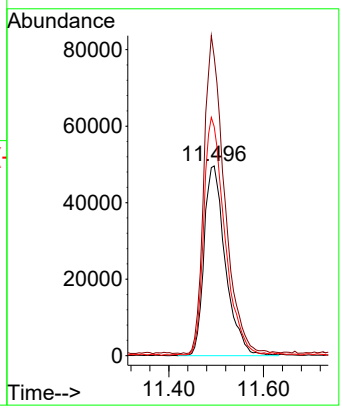


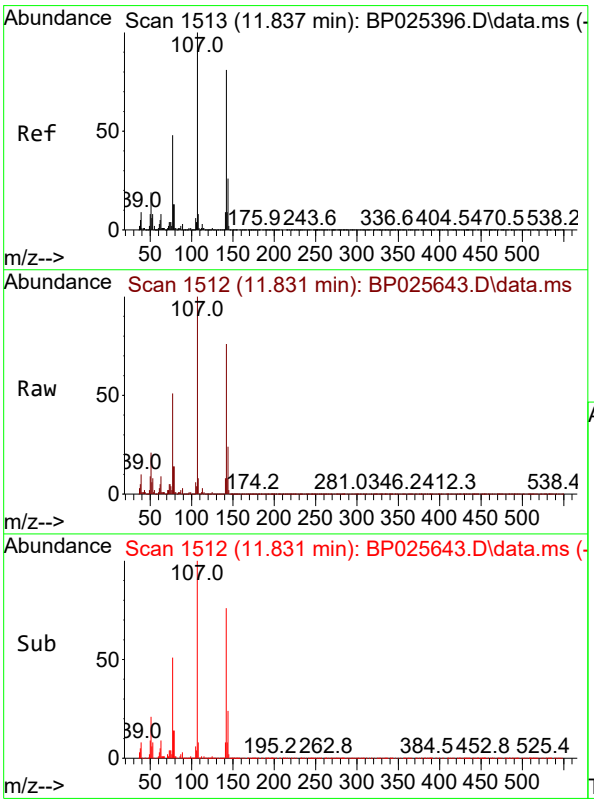
#35
Caprolactam
Concen: 49.151 ng
RT: 11.496 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:113 Resp: 154376

Ion	Ratio	Lower	Upper
113	100		
55	157.4	140.0	180.0
56	120.6	100.0	140.0

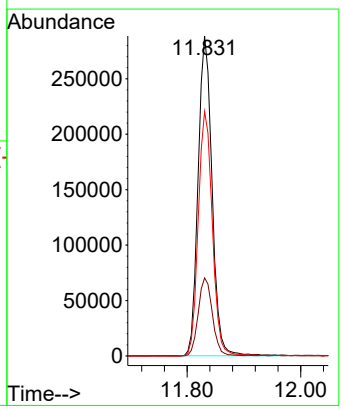


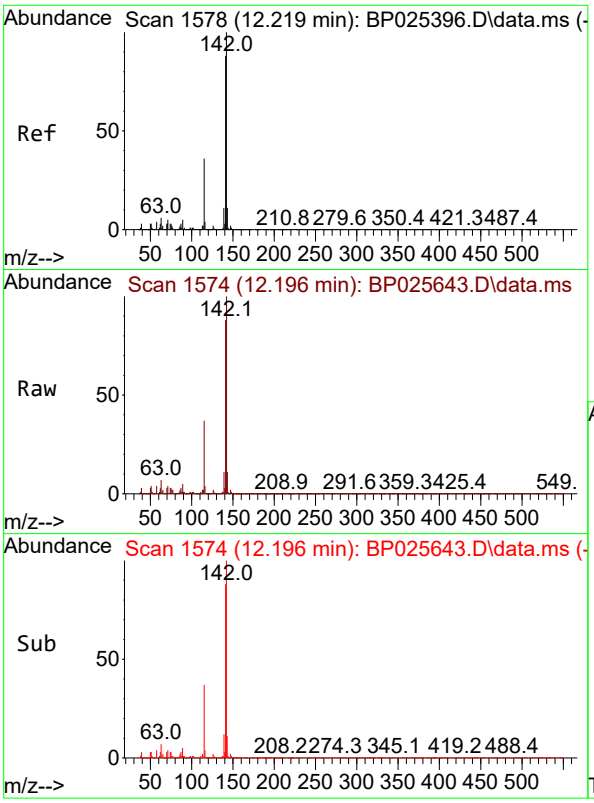


#36
4-Chloro-3-methylphenol
Concen: 50.162 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:107 Resp: 493029

Ion	Ratio	Lower	Upper
107	100		
144	24.4	21.0	31.4
142	76.4	64.6	97.0



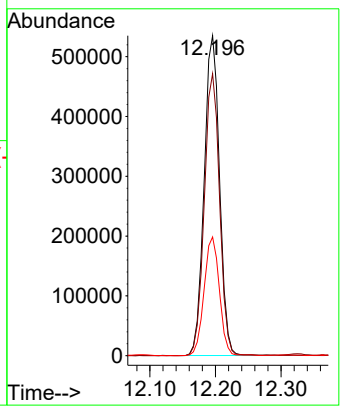


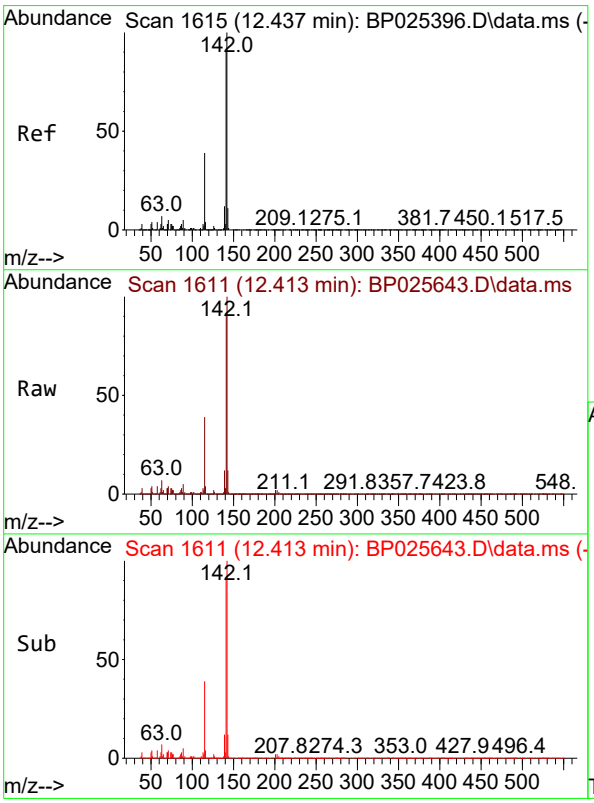
#37
2-Methylnaphthalene
Concen: 46.696 ng
RT: 12.196 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:142 Resp: 873424

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	37.1	28.9	43.3

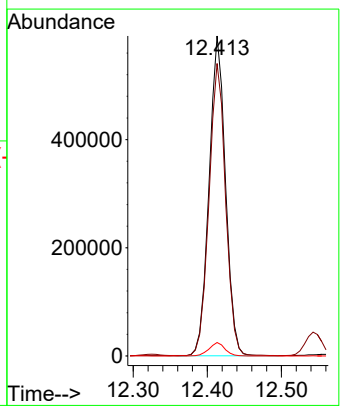


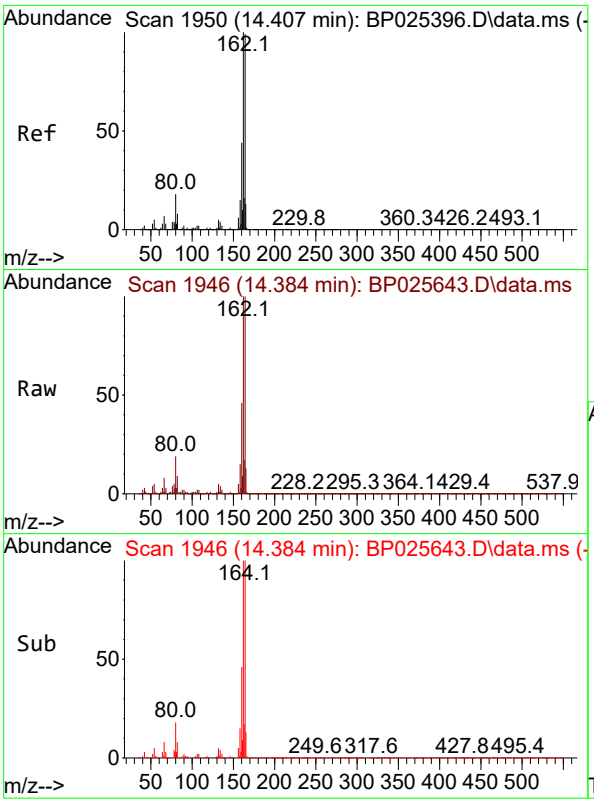


#38
1-Methylnaphthalene
Concen: 45.723 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:142 Resp: 909488

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	4.2	3.2	4.8



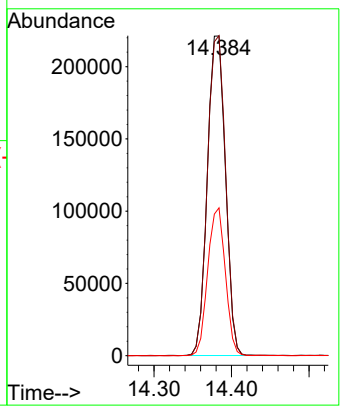


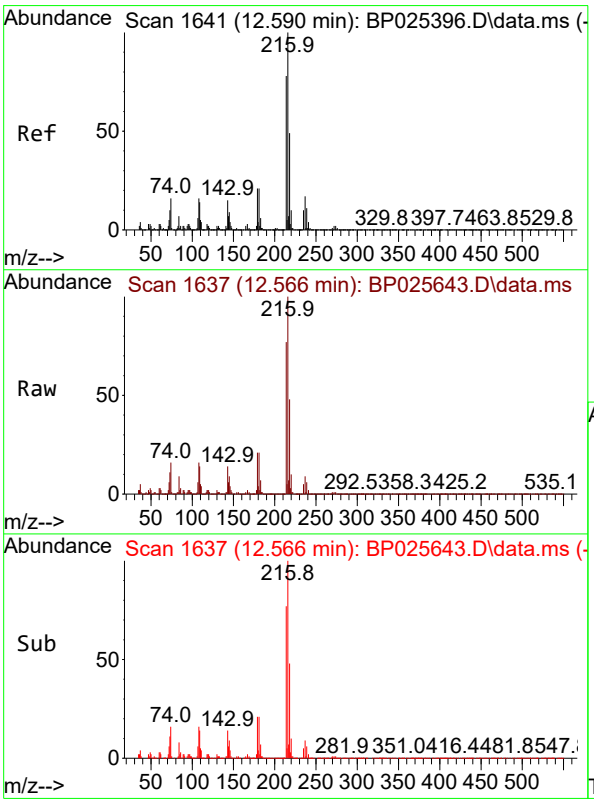
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:164 Resp: 359421

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.0	121.6
160	46.3	35.4	53.2

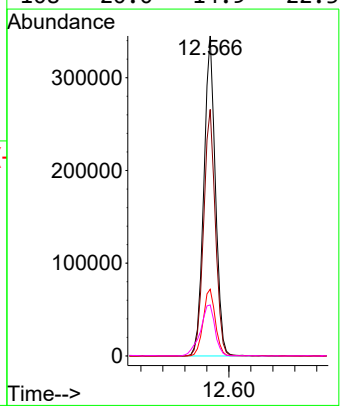


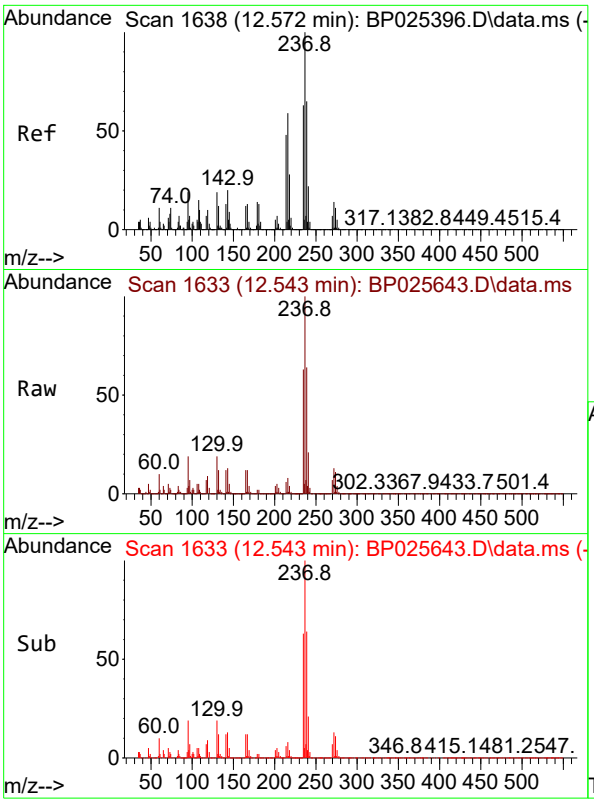


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.359 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:216 Resp: 501988

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	21.8	17.1	25.7
108	20.0	14.9	22.3



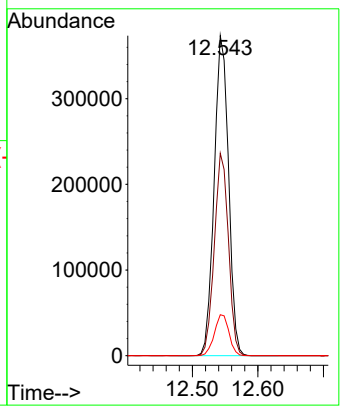


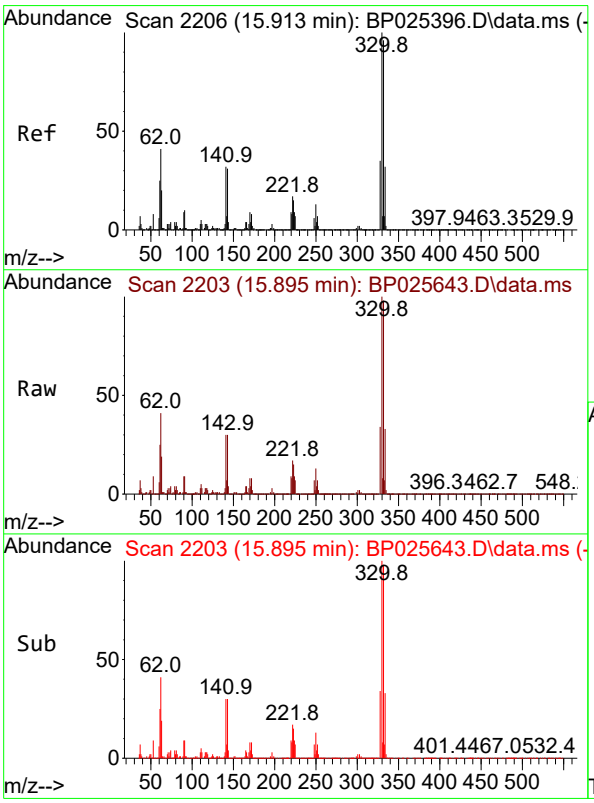
#41
Hexachlorocyclopentadiene
Concen: 90.278 ng
RT: 12.543 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:237 Resp: 566065

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.7	82.7
272	12.8	0.0	34.0

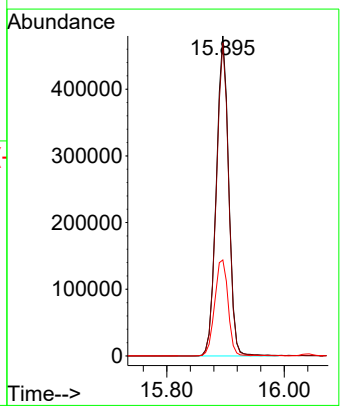


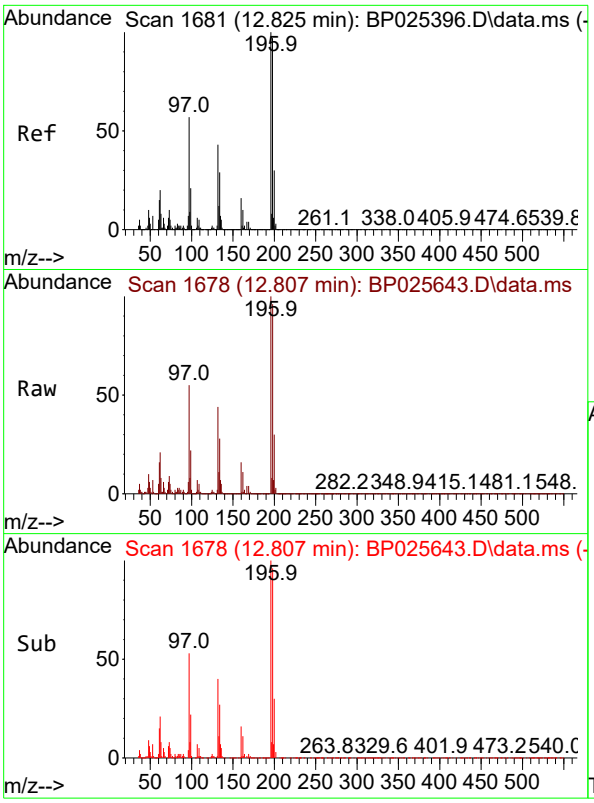


#42
2,4,6-Tribromophenol
Concen: 144.519 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:330 Resp: 699158

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	32.4	26.6	39.8



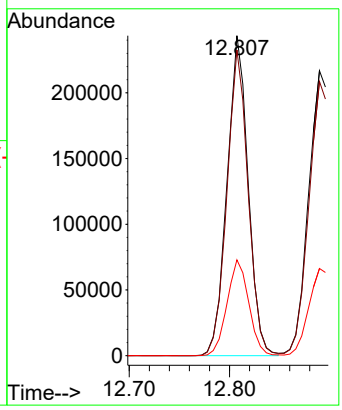


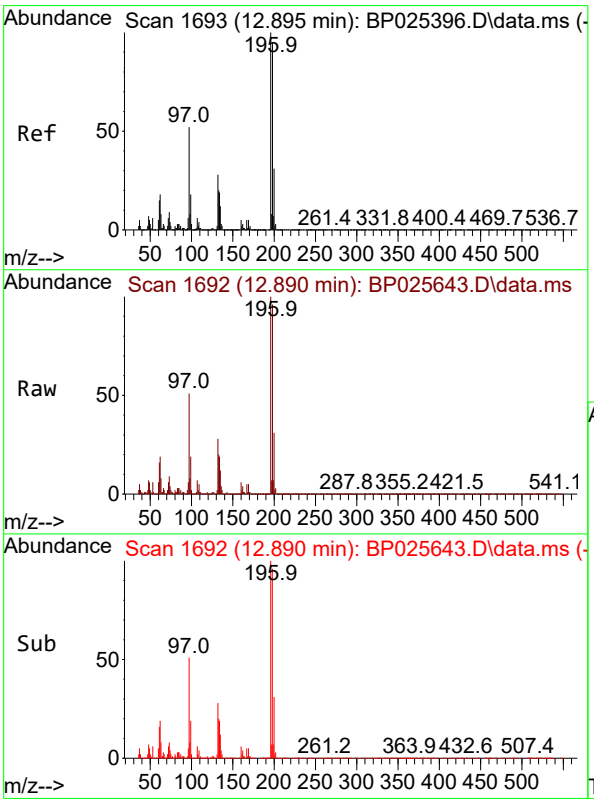
#43
2,4,6-Trichlorophenol
Concen: 50.777 ng
RT: 12.807 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:196 Resp: 355841

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
200	29.9	23.9	35.9

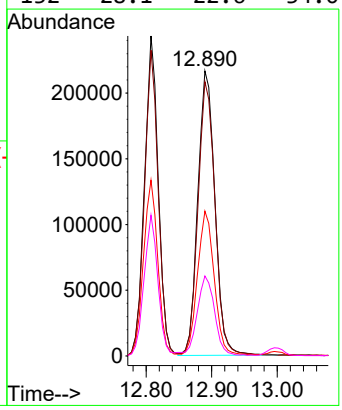


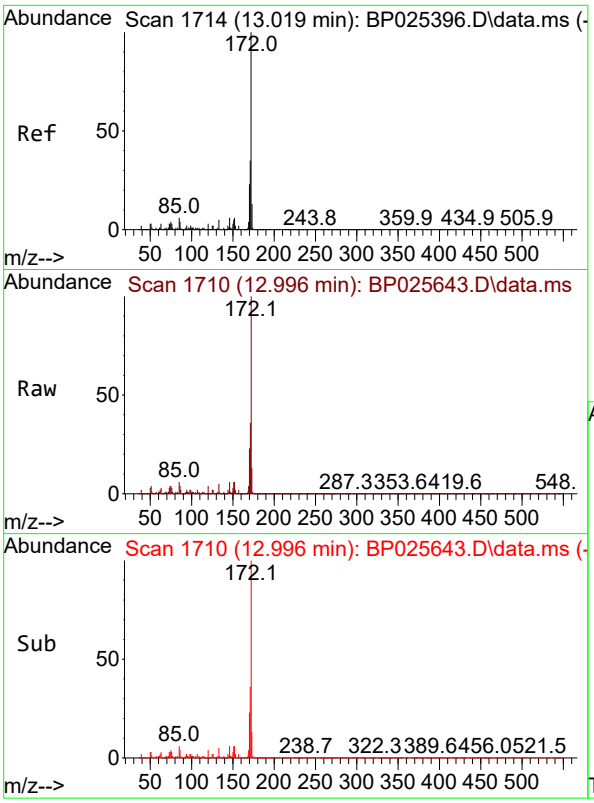


#44
2,4,5-Trichlorophenol
Concen: 51.241 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:196 Resp: 393559

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.2
97	50.8	41.2	61.8
132	28.1	22.6	34.0



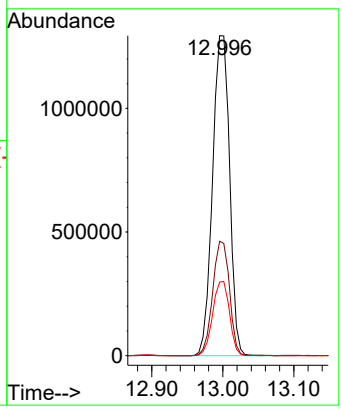


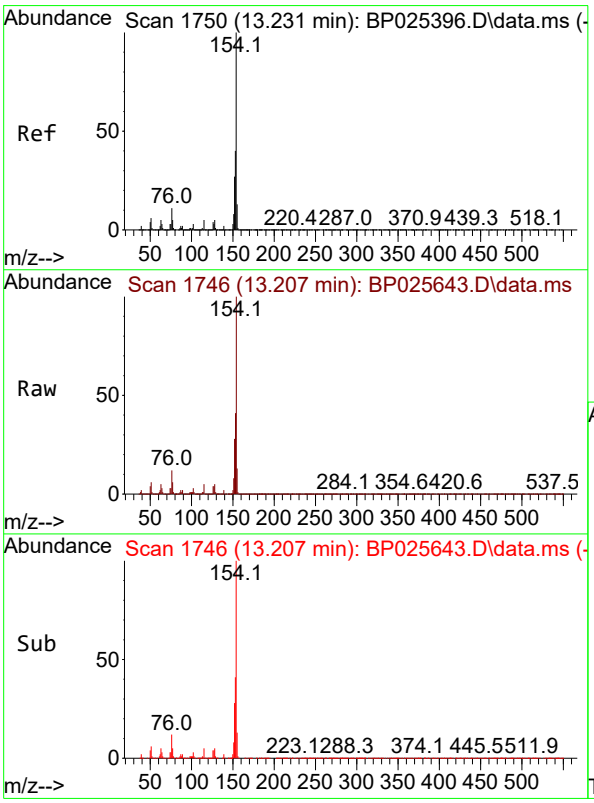
#45
2-Fluorobiphenyl
Concen: 81.652 ng
RT: 12.996 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:172 Resp: 2147339

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	23.0	18.6	28.0

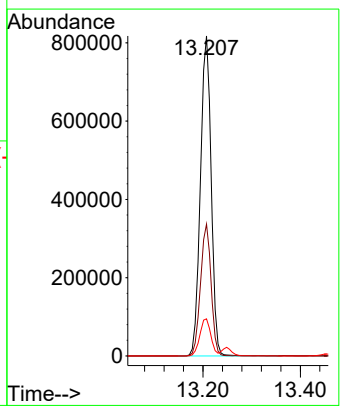


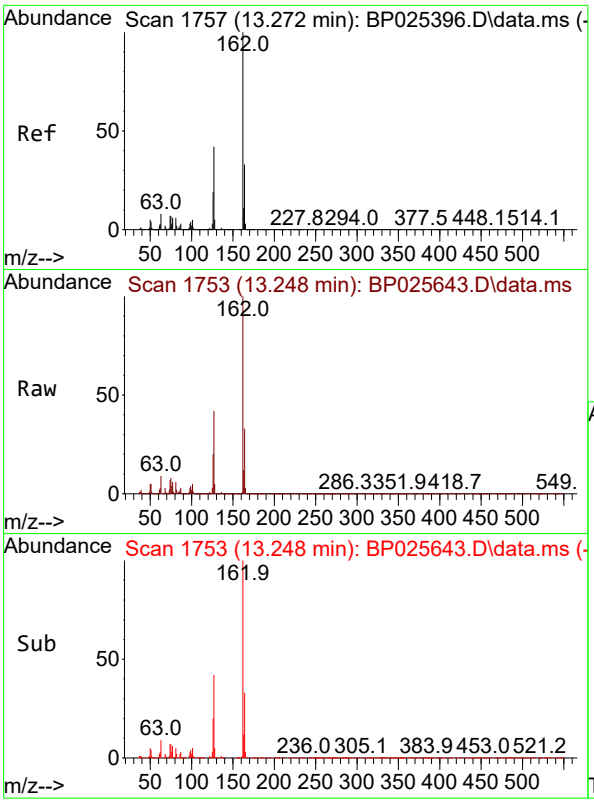


#46
1,1'-Biphenyl
Concen: 47.919 ng
RT: 13.207 min Scan# 1746
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:154 Resp: 1250837

Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.5	59.5
76	11.6	0.0	31.1



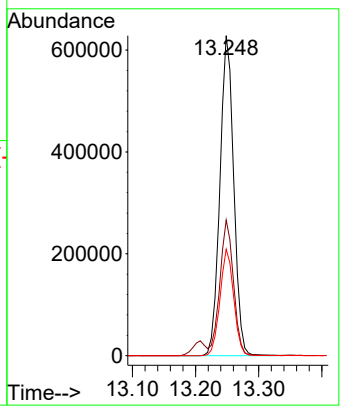


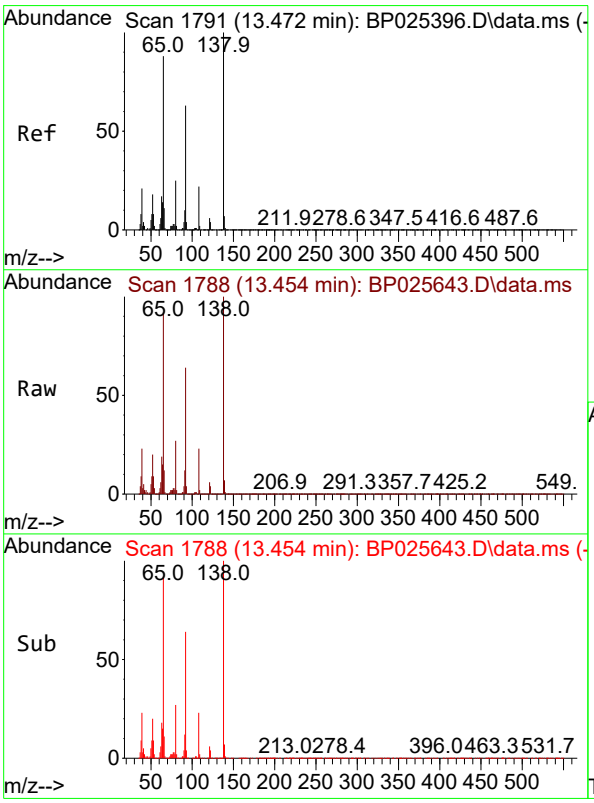
#47
2-Chloronaphthalene
Concen: 47.112 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:162 Resp: 957373

Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.4	50.2
164	33.3	26.2	39.2

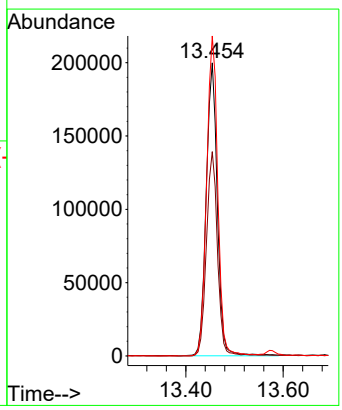


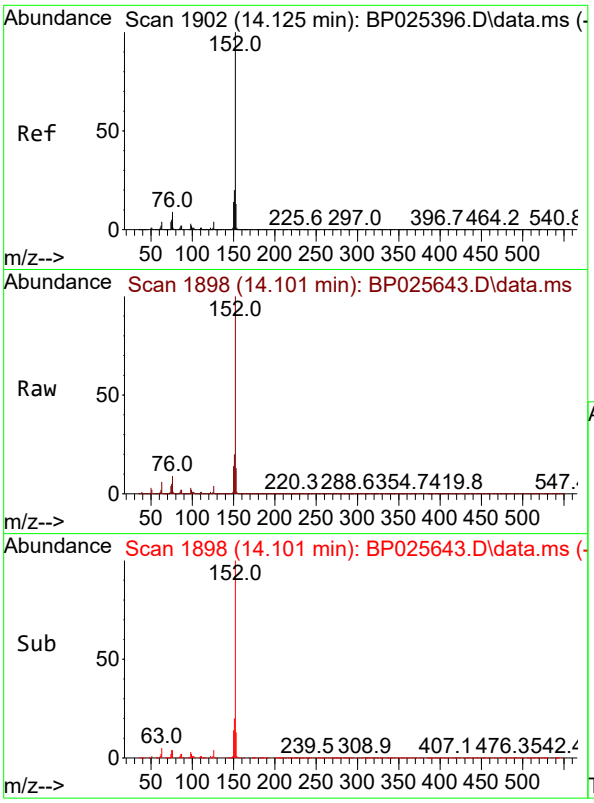


#48
2-Nitroaniline
Concen: 53.446 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion: 65 Resp: 316460

Ion	Ratio	Lower	Upper
65	100		
92	69.7	57.6	86.4
138	109.2	91.0	136.6



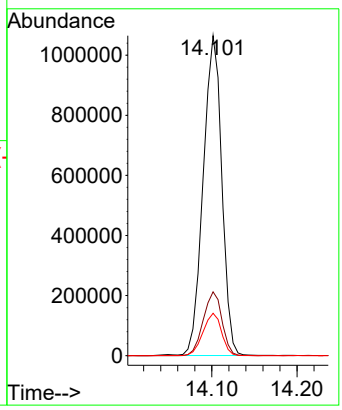


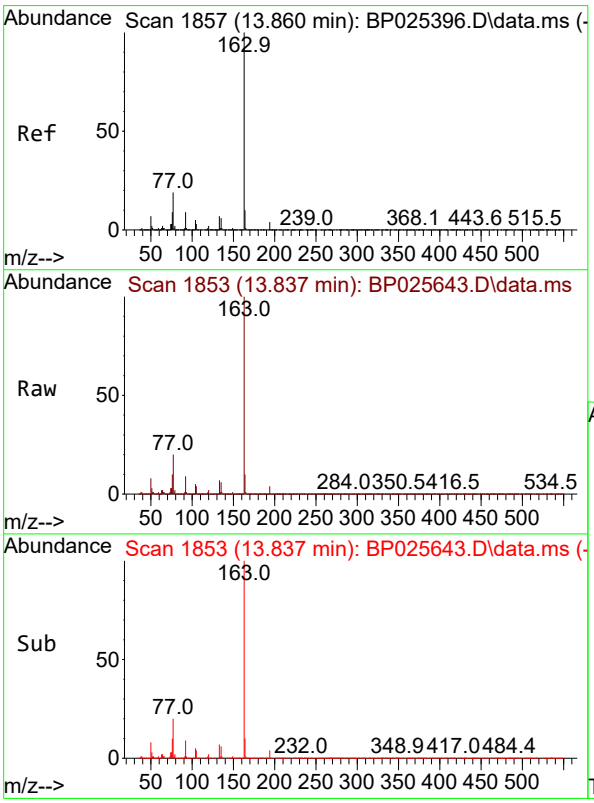
#49
Acenaphthylene
Concen: 47.990 ng
RT: 14.101 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:152 Resp: 1613684

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.3	10.6	15.8

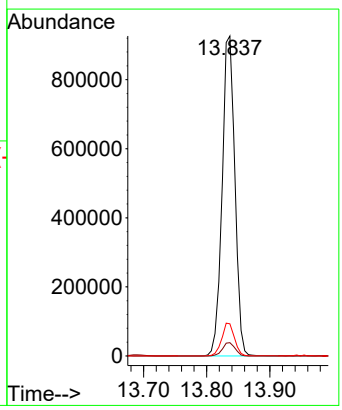


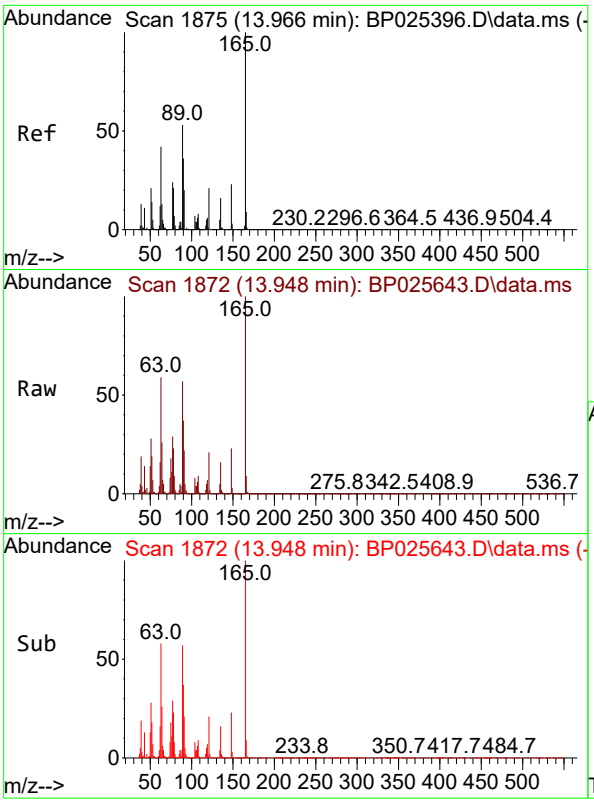


#50
Dimethylphthalate
Concen: 49.463 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:163 Resp: 1301867

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9



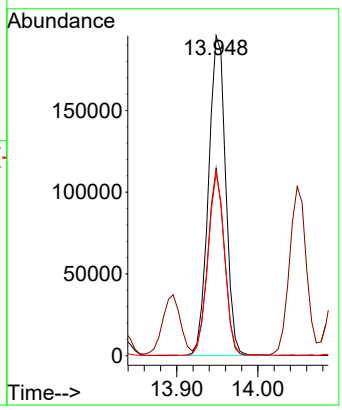


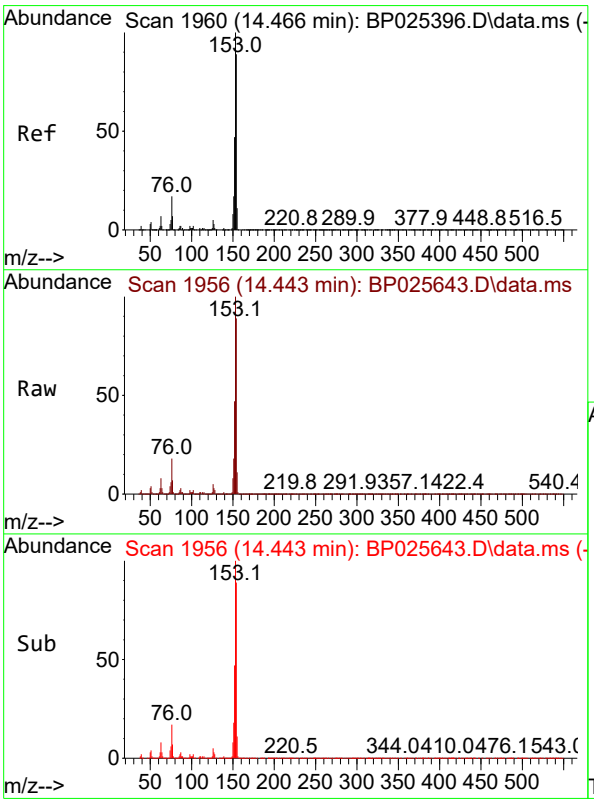
#51
2,6-Dinitrotoluene
Concen: 51.516 ng
RT: 13.948 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:165 Resp: 285785

Ion	Ratio	Lower	Upper
165	100		
63	58.6	40.9	61.3
89	57.1	42.1	63.1

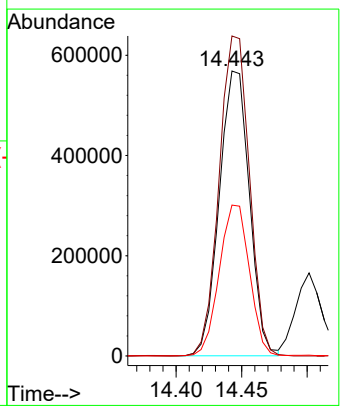


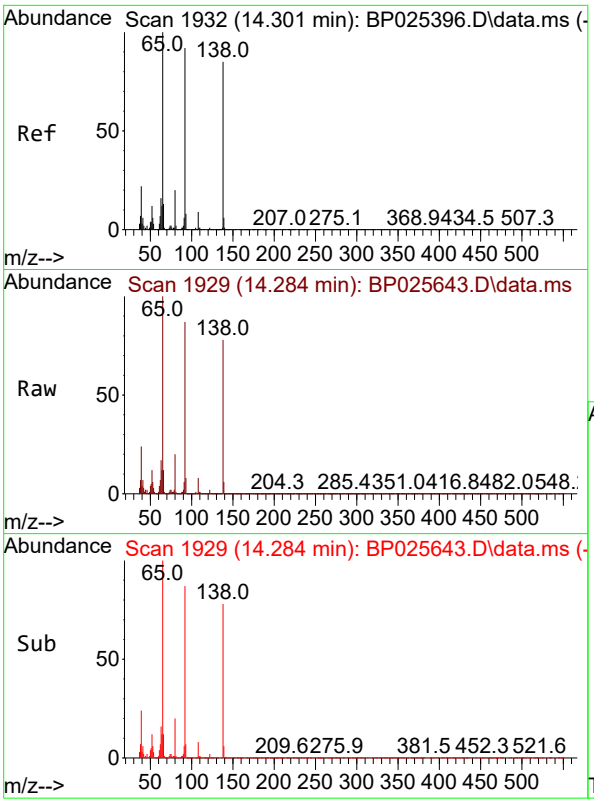


#52
Acenaphthene
Concen: 46.015 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:154 Resp: 908221

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.2	135.2
152	52.9	42.1	63.1



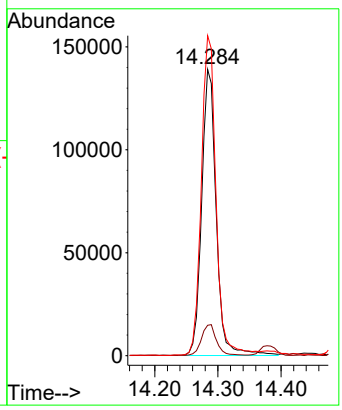


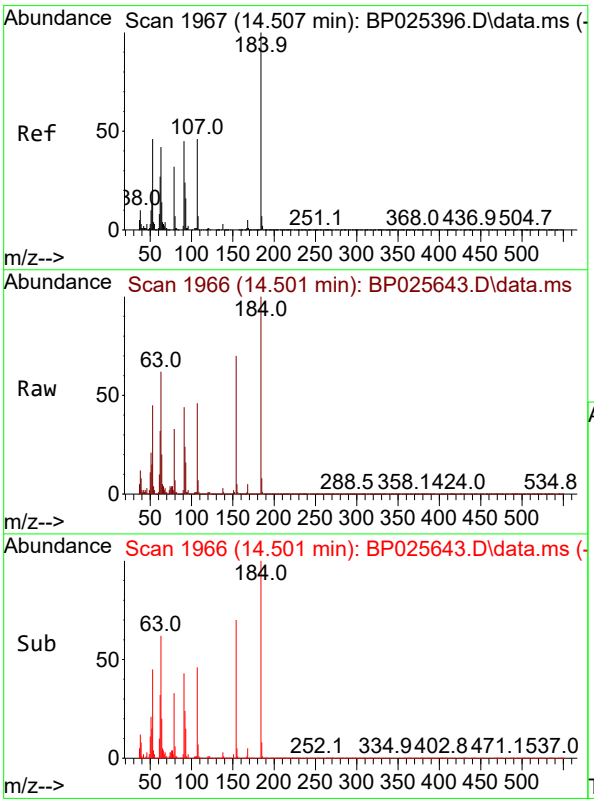
#53
3-Nitroaniline
Concen: 35.689 ng
RT: 14.284 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:138 Resp: 222750

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.3	12.5
92	111.8	86.2	129.2

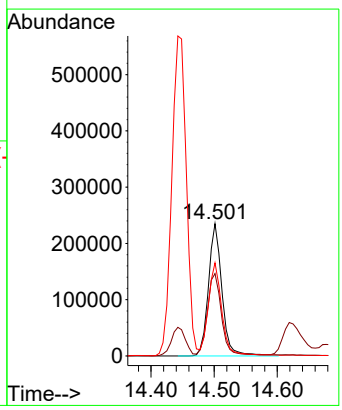


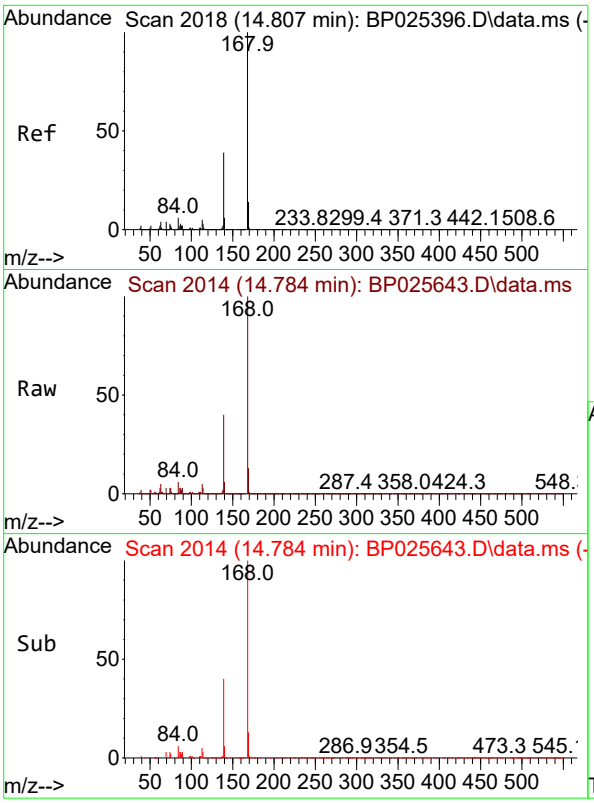


#54
2,4-Dinitrophenol
Concen: 118.350 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:184 Resp: 350614

Ion	Ratio	Lower	Upper
184	100		
63	62.3	49.4	74.2
154	70.4	54.6	82.0



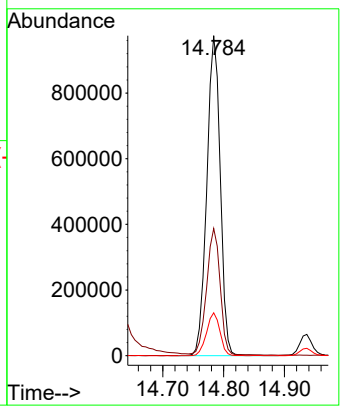


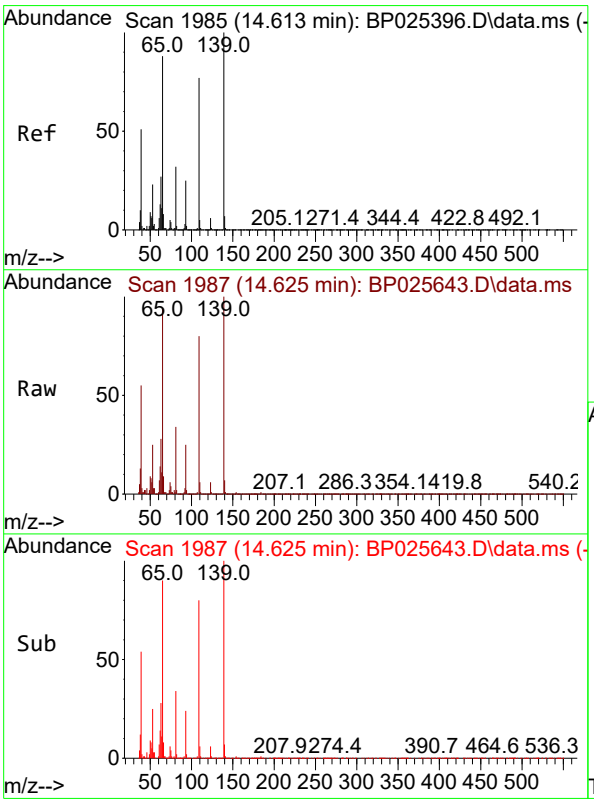
#55
Dibenzofuran
Concen: 47.748 ng
RT: 14.784 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:168 Resp: 1490001

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.5	47.3
169	13.4	10.9	16.3

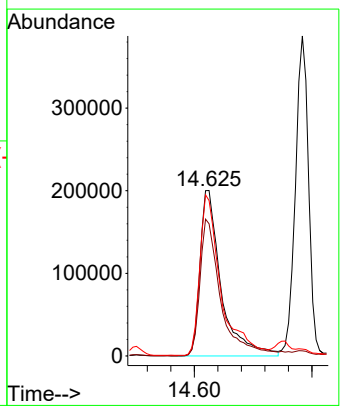


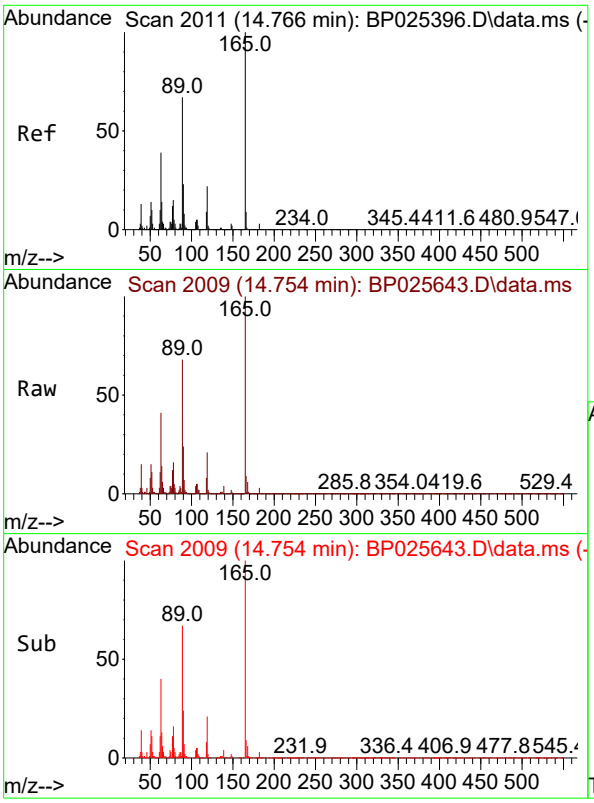


#56
4-Nitrophenol
Concen: 97.610 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:139 Resp: 500627

Ion	Ratio	Lower	Upper
139	100		
109	79.9	56.6	96.6
65	93.9	68.2	108.2



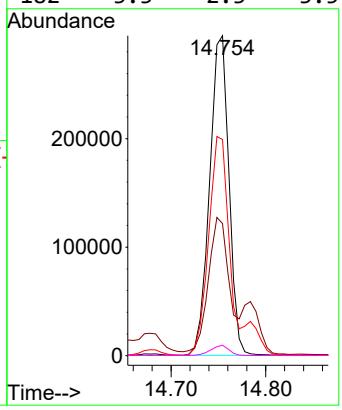


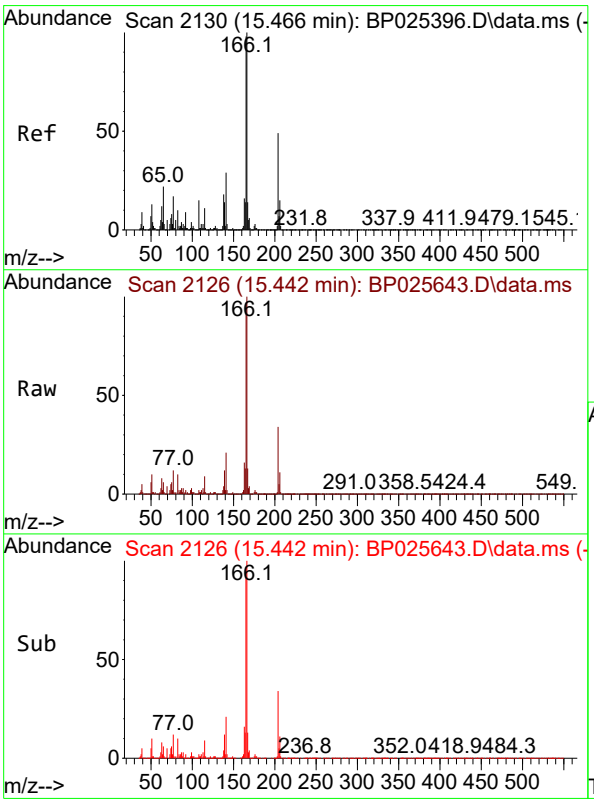
#57
2,4-Dinitrotoluene
Concen: 52.869 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:165 Resp: 418449

Ion	Ratio	Lower	Upper
165	100		
63	41.3	31.4	47.2
89	67.6	53.3	79.9
182	3.3	2.3	3.5

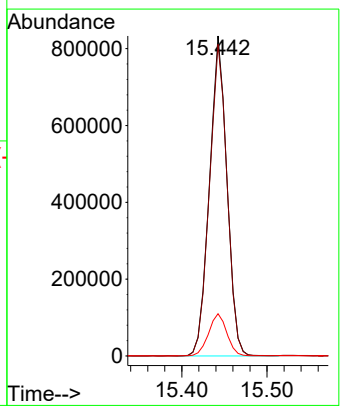


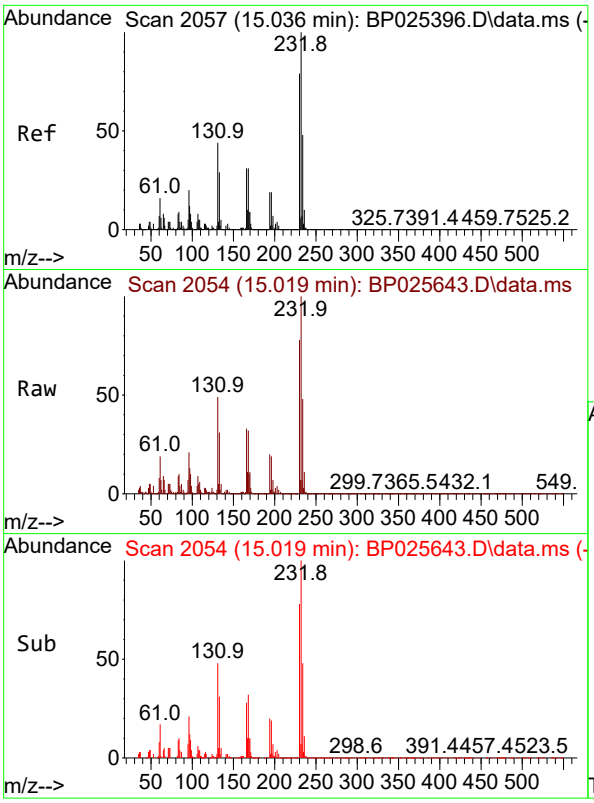


#58
Fluorene
Concen: 48.324 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:166 Resp: 1189895

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.8	118.2
167	13.2	11.0	16.4



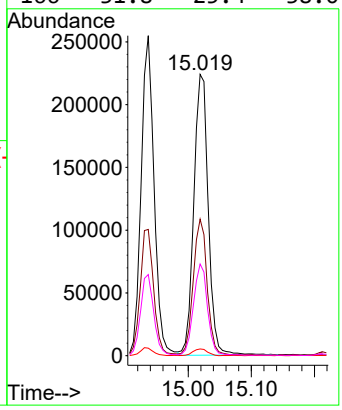


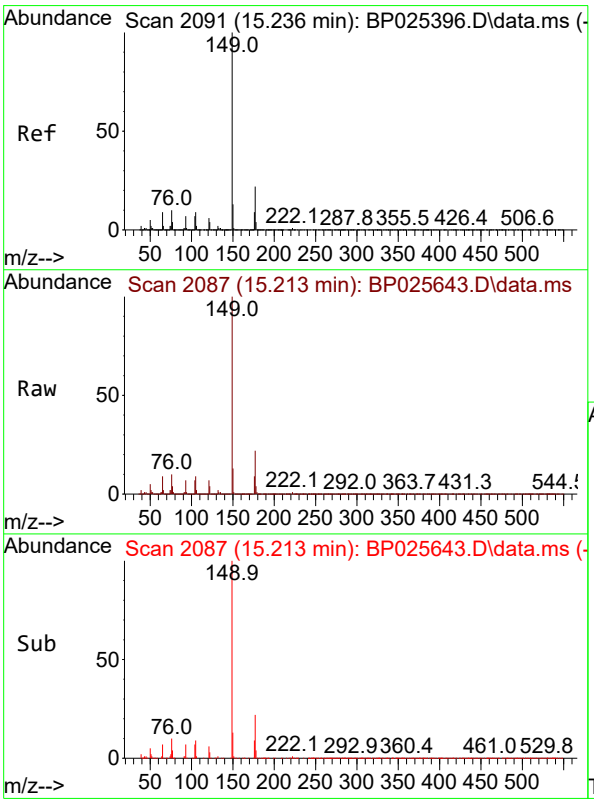
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.308 ng
RT: 15.019 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:232 Resp: 354740

Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.6
130	2.5	1.9	2.9
166	31.8	25.4	38.0

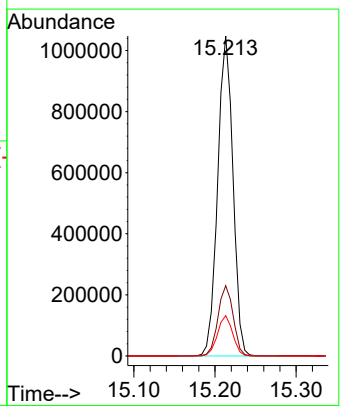


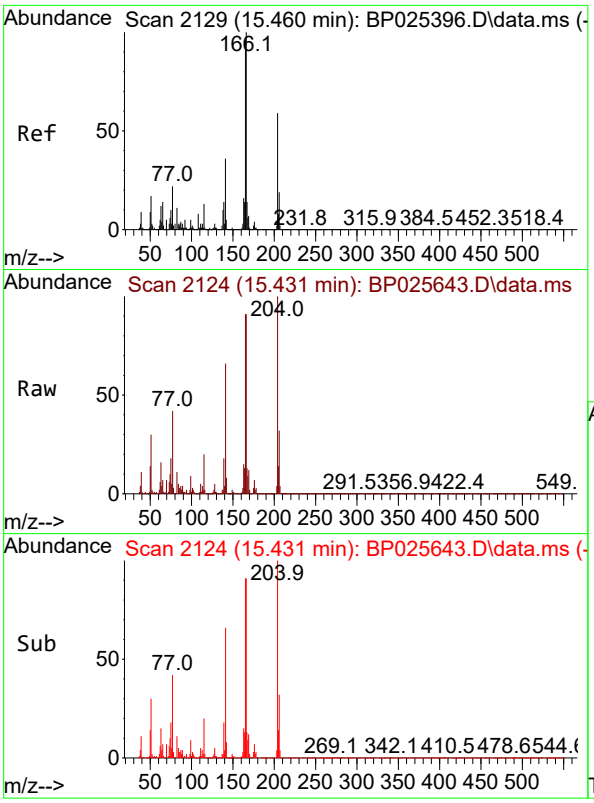


#60
Diethylphthalate
Concen: 51.304 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:149 Resp: 1372072

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.6	10.3	15.5



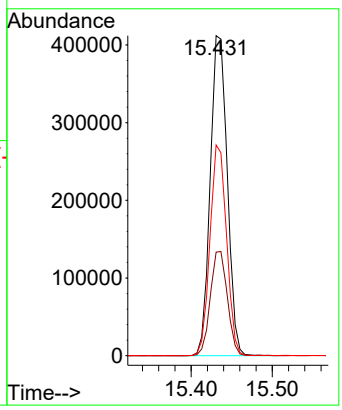


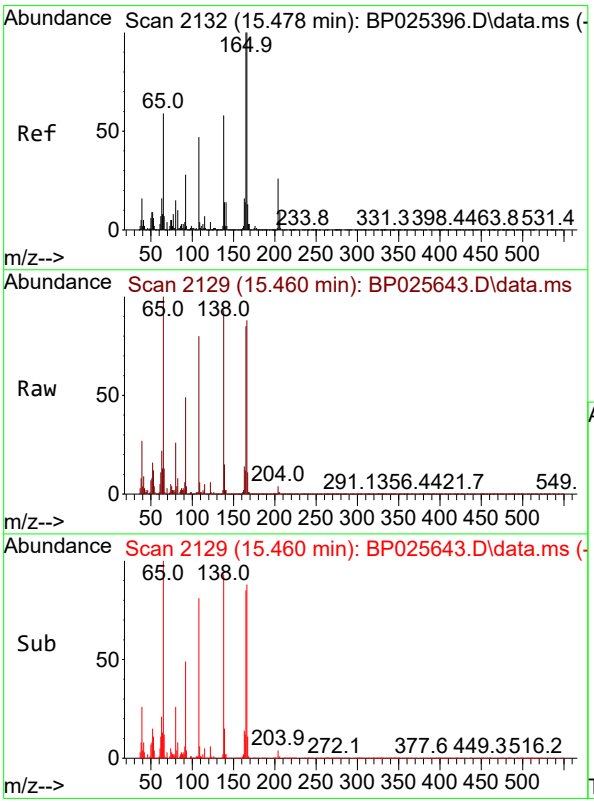
#61
4-Chlorophenyl-phenylether
Concen: 48.934 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:204 Resp: 599245

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	65.9	49.4	74.2

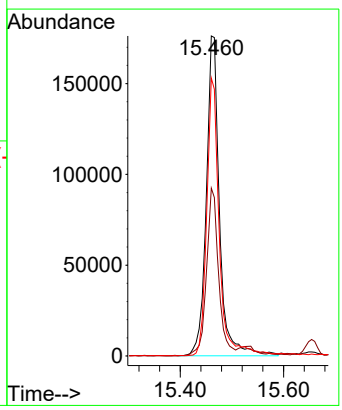


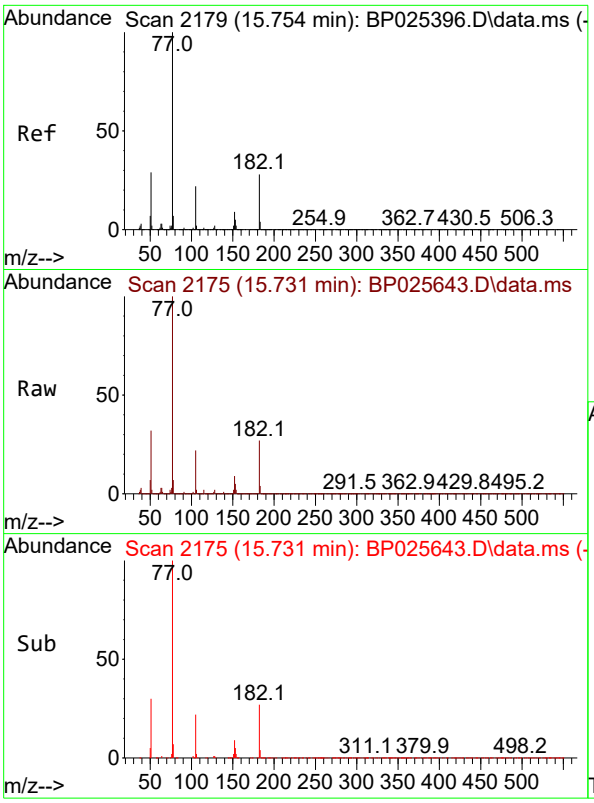


#62
4-Nitroaniline
Concen: 48.976 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:138 Resp: 313379

Ion	Ratio	Lower	Upper
138	100		
92	52.4	29.1	69.1
108	86.9	61.5	101.5



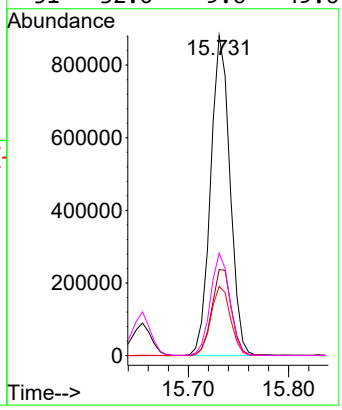


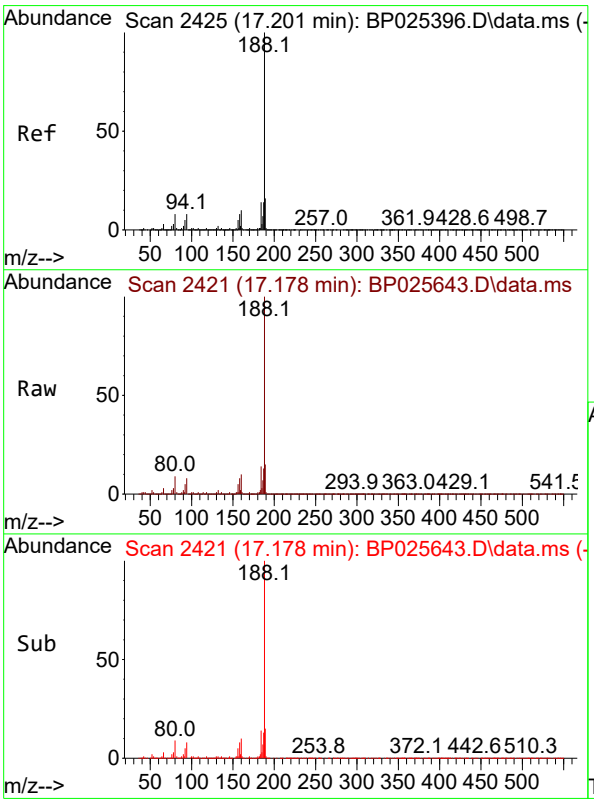
#63
Azobenzene
Concen: 51.593 ng
RT: 15.731 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion: 77 Resp: 1181456

Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.5	47.5
105	21.7	2.1	42.1
51	32.0	9.6	49.6

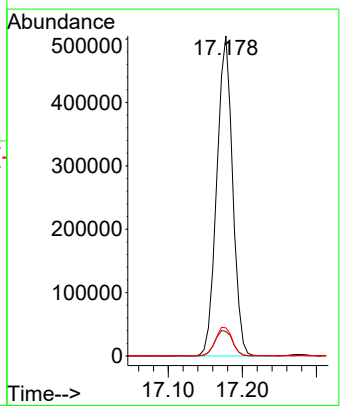


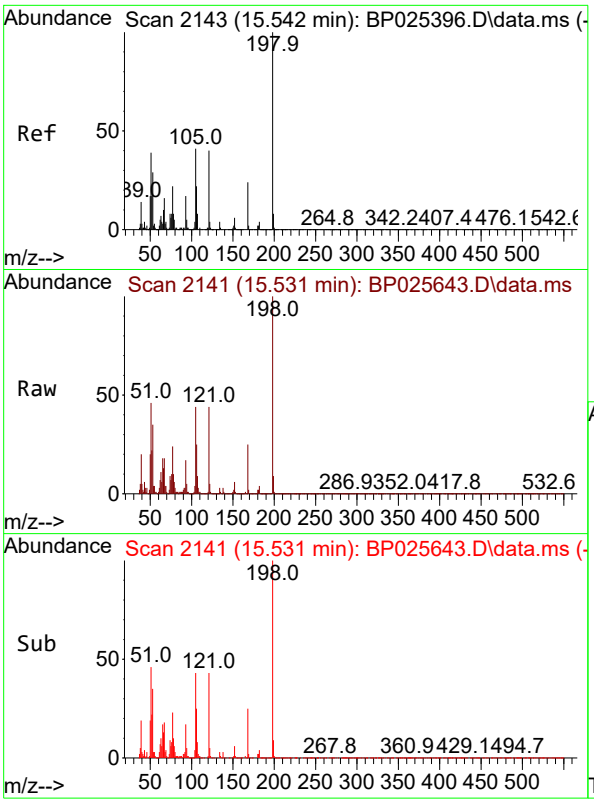


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:188 Resp: 750779

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.6	10.0
80	8.8	6.7	10.1



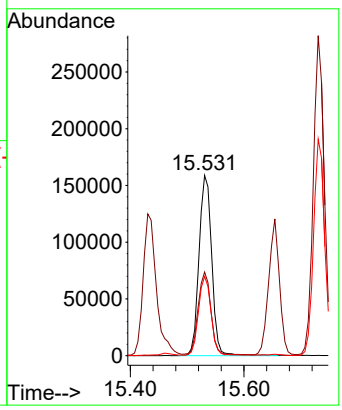


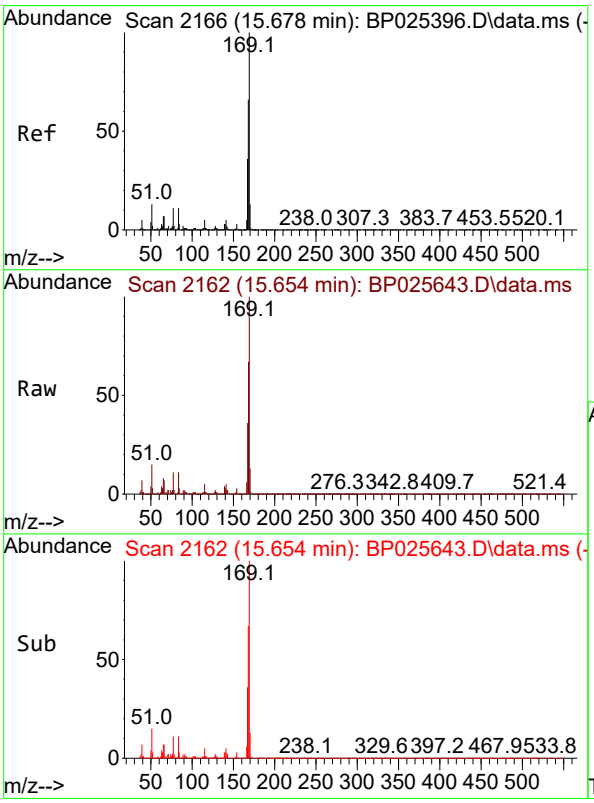
#65
4,6-Dinitro-2-methylphenol
Concen: 52.917 ng
RT: 15.531 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:198 Resp: 247653

Ion	Ratio	Lower	Upper
198	100		
51	46.4	19.6	59.6
105	43.9	20.9	60.9

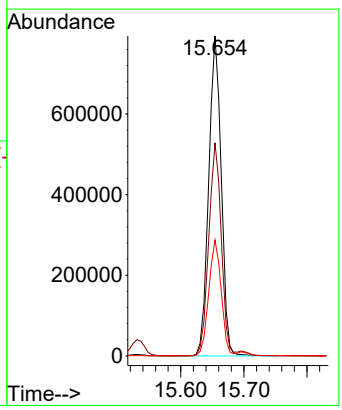


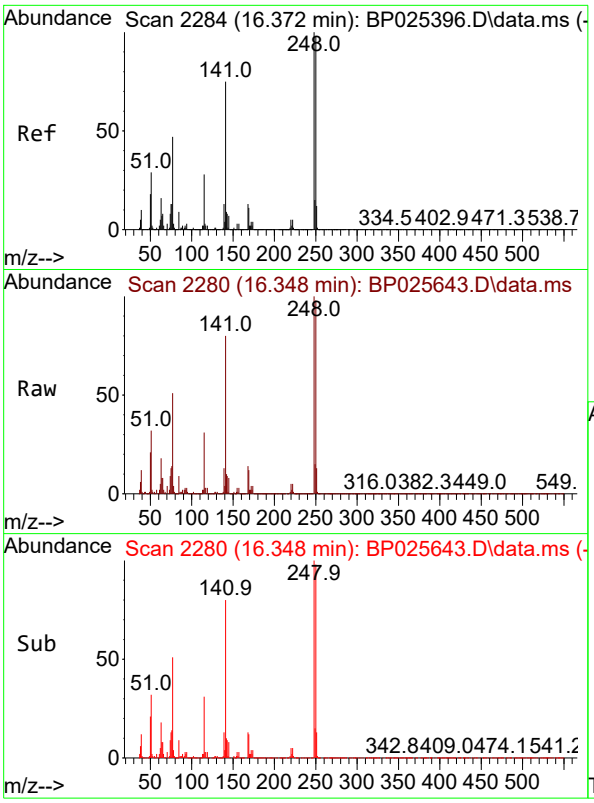


#66
n-Nitrosodiphenylamine
Concen: 47.850 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:169 Resp: 1095502

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.2	28.7	43.1



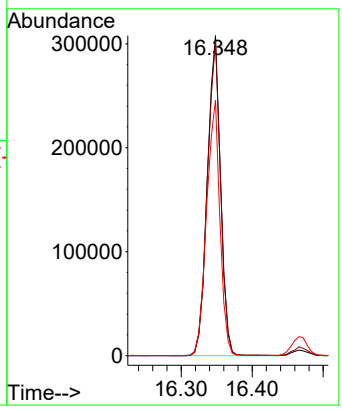


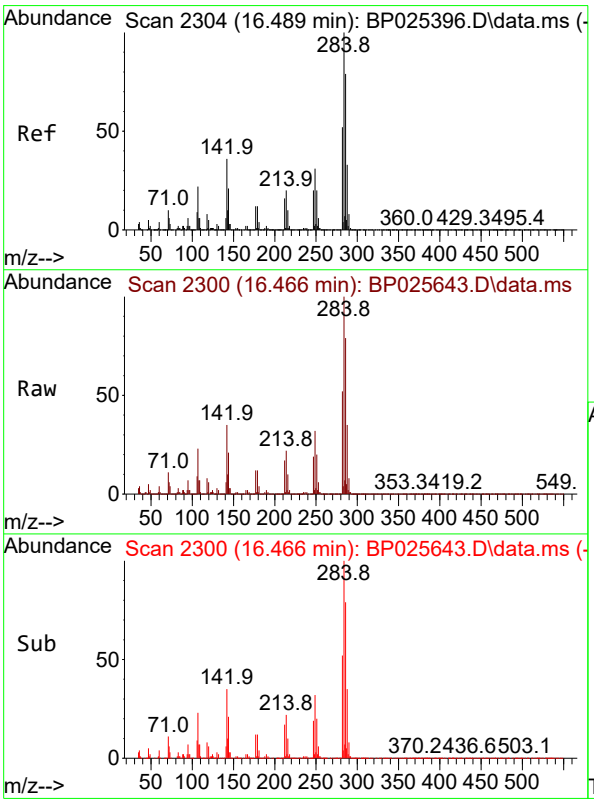
#67
4-Bromophenyl-phenylether
Concen: 48.451 ng
RT: 16.348 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:248 Resp: 400071

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.2	117.2
141	79.9	59.6	89.4

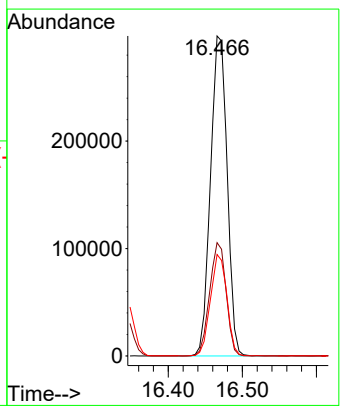


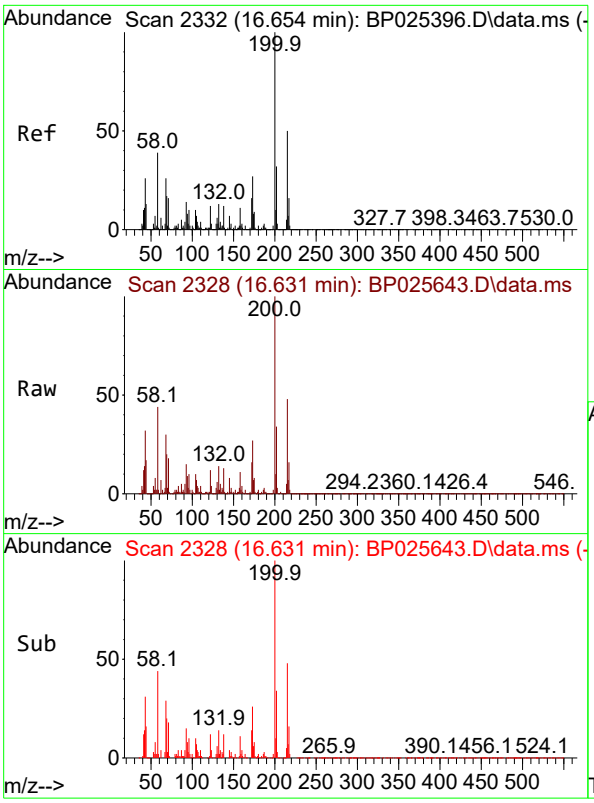


#68
Hexachlorobenzene
Concen: 48.507 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:284 Resp: 464294

Ion	Ratio	Lower	Upper
284	100		
142	35.4	29.1	43.7
249	31.7	25.0	37.4



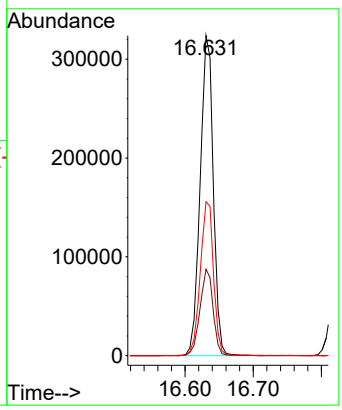


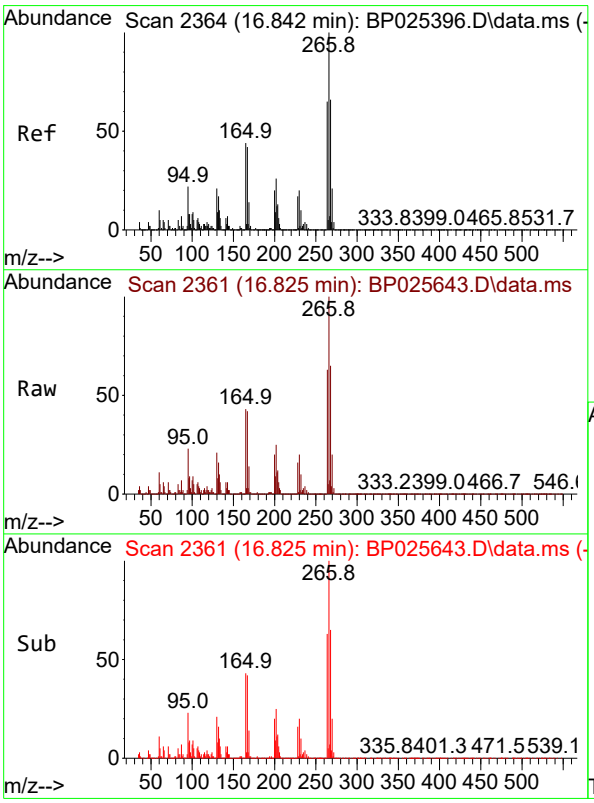
#69
Atrazine
Concen: 50.576 ng
RT: 16.631 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:200 Resp: 433636

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.7	46.7
215	48.1	29.7	69.7

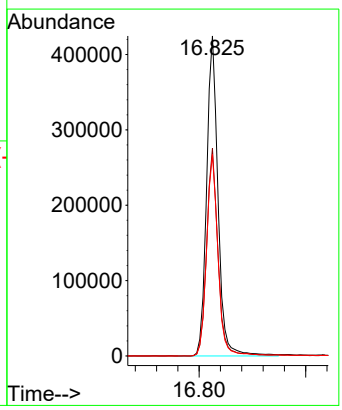


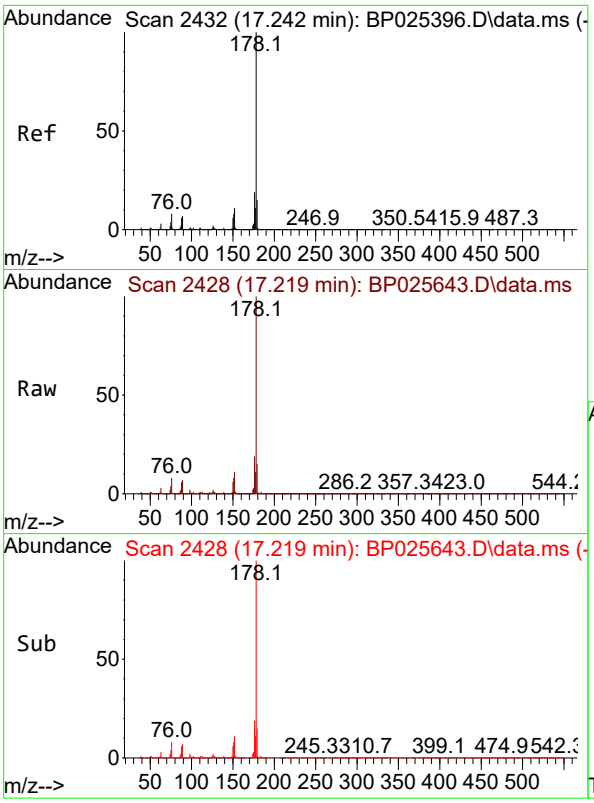


#70
Pentachlorophenol
Concen: 104.221 ng
RT: 16.825 min Scan# 2361
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:266 Resp: 629724

Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.6	79.0
264	63.0	52.0	78.0



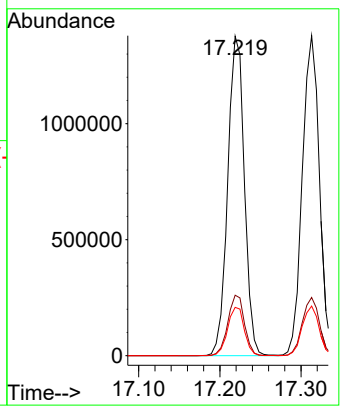


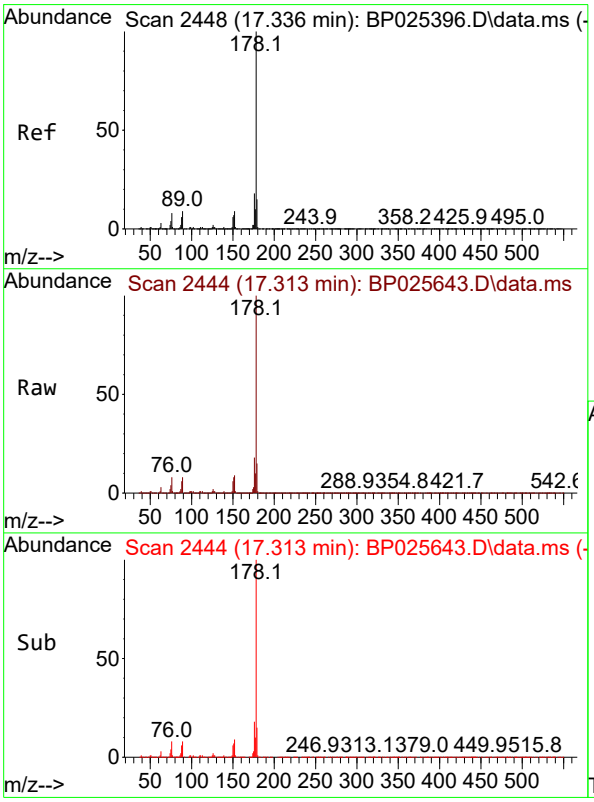
#71
Phenanthrene
Concen: 47.608 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:178 Resp: 1963486

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.2	18.4

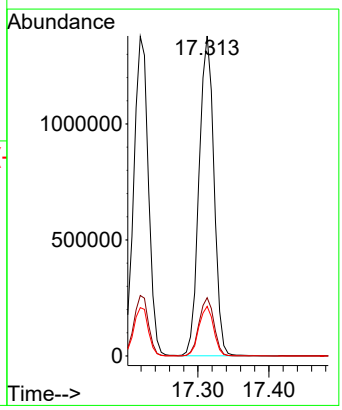


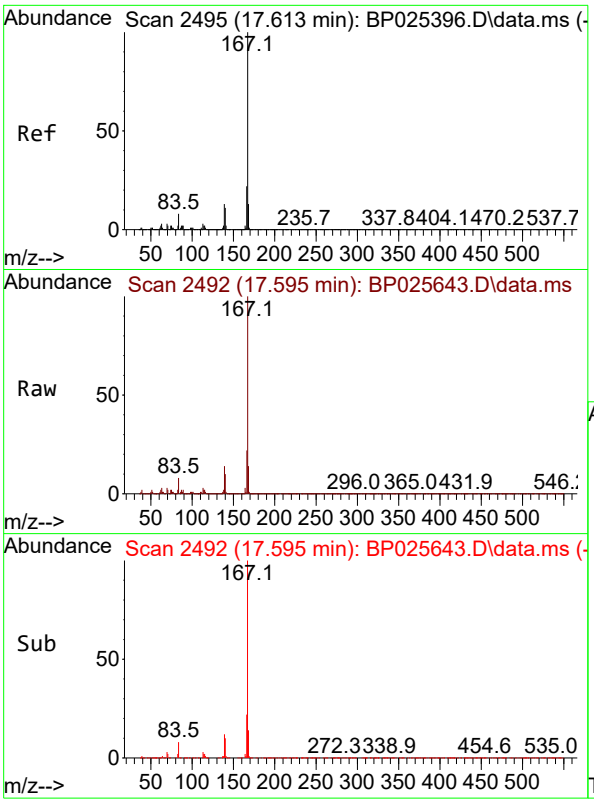


#72
Anthracene
Concen: 47.804 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:178 Resp: 2013380

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.5	12.2	18.2



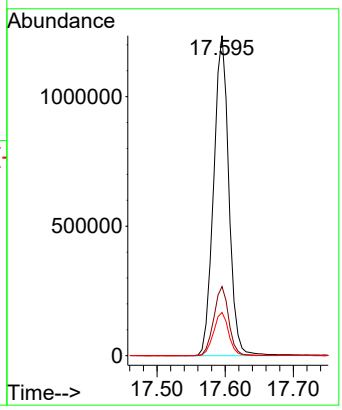


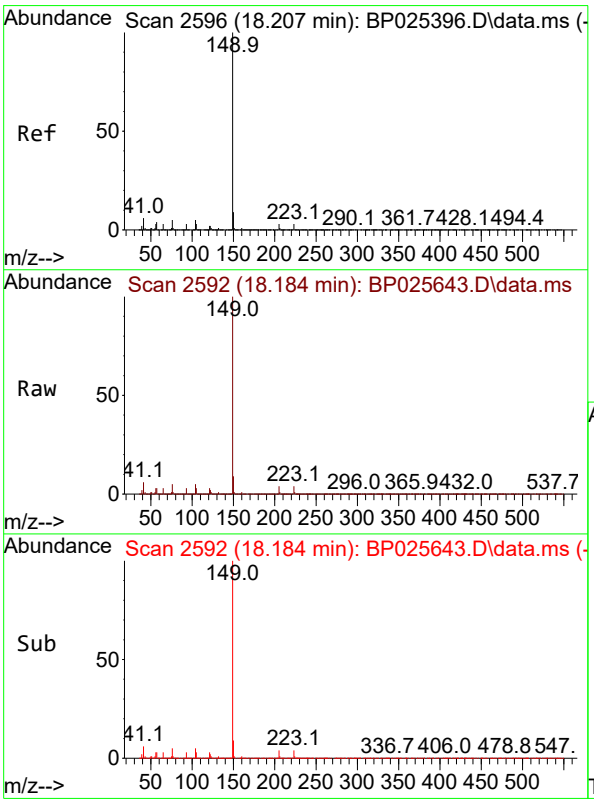
#73
Carbazole
Concen: 48.166 ng
RT: 17.595 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:167 Resp: 1910800

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.5	10.6	16.0

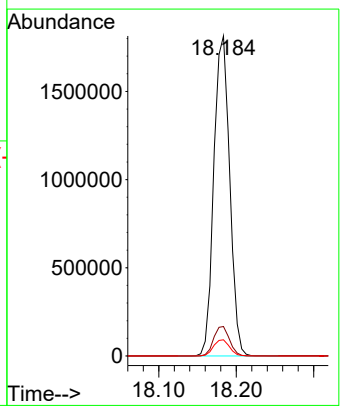


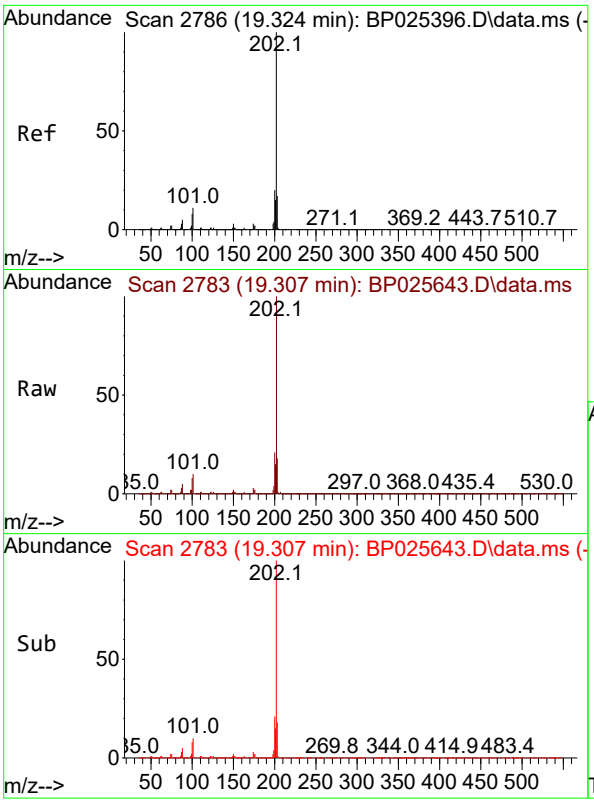


#74
Di-n-butylphthalate
Concen: 52.863 ng
RT: 18.184 min Scan# 2592
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:149 Resp: 2580140

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.2



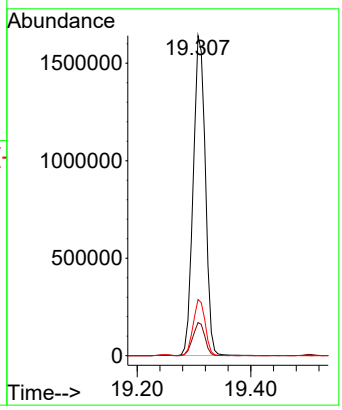


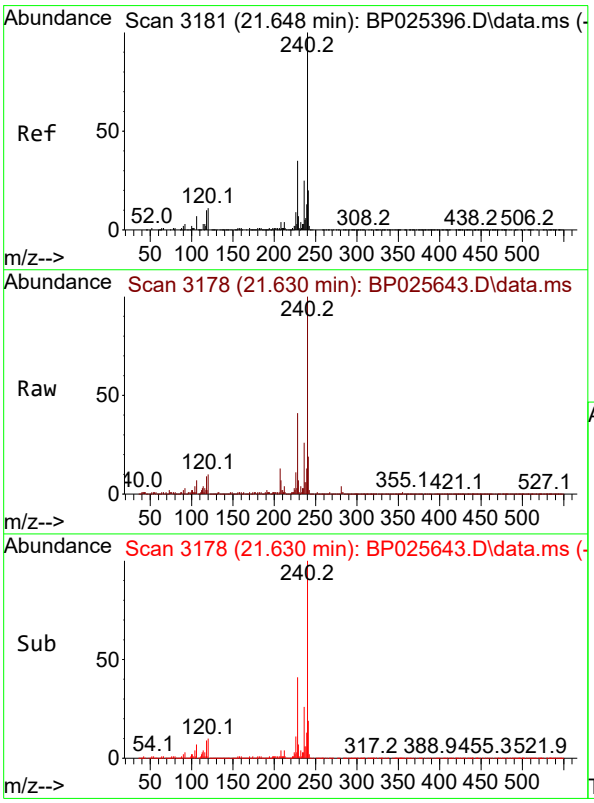
#75
Fluoranthene
Concen: 49.551 ng
RT: 19.307 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:202 Resp: 2437671

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	17.6	0.0	37.3

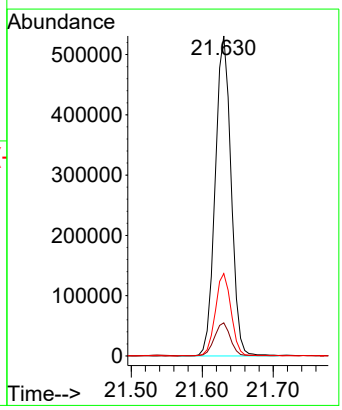


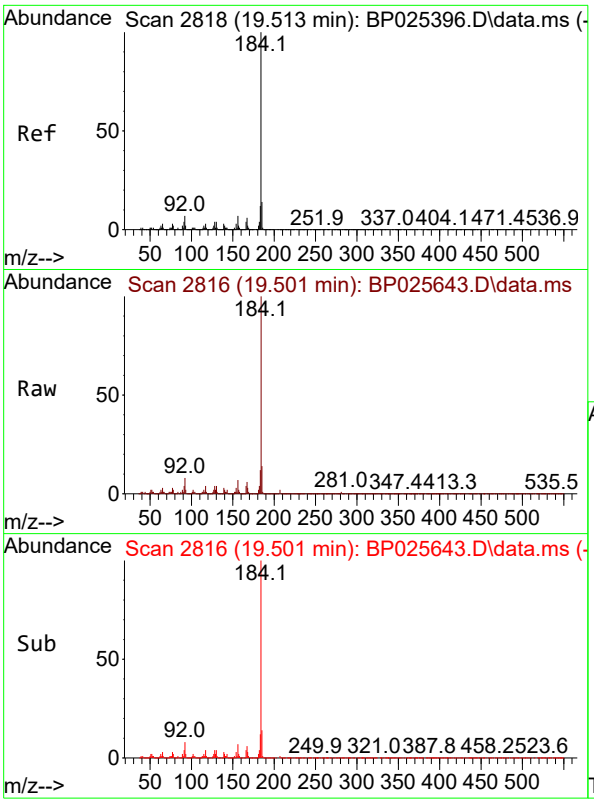


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:240 Resp: 817465

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	19.8	29.8



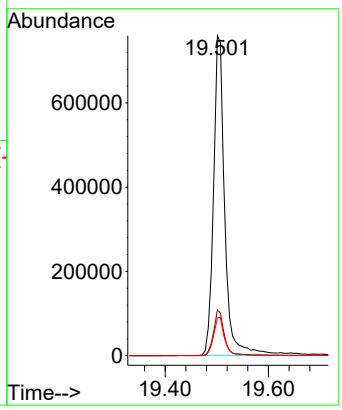


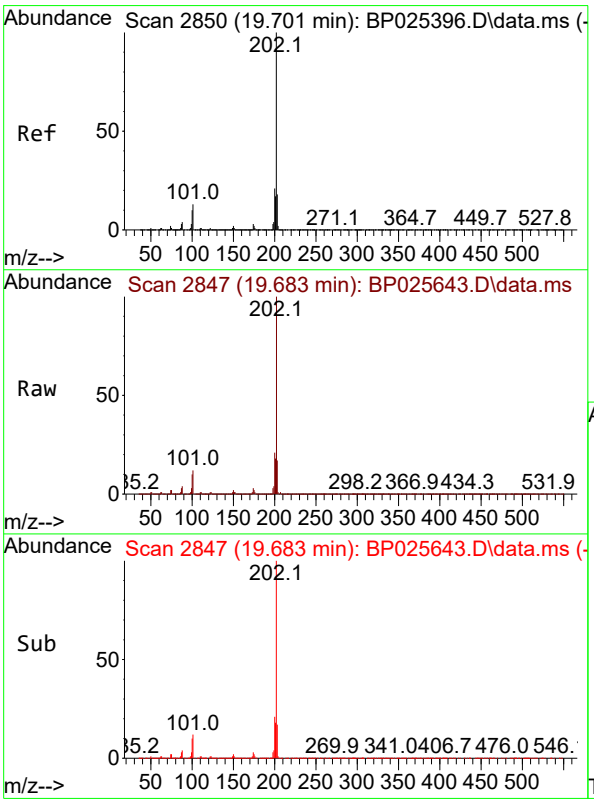
#77
Benzidine
Concen: 40.984 ng
RT: 19.501 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:184 Resp: 1143376

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.8	9.4	14.2

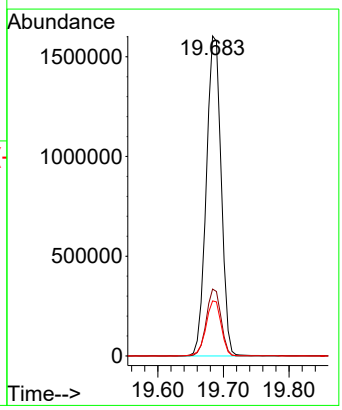


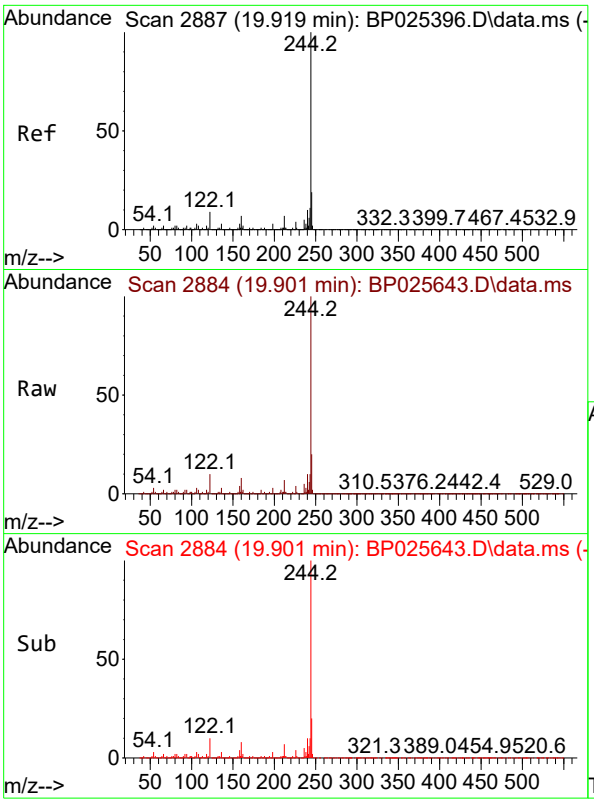


#78
Pyrene
Concen: 47.504 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:202 Resp: 2524048

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.2	14.2	21.2



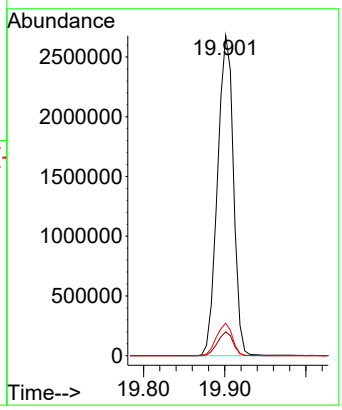


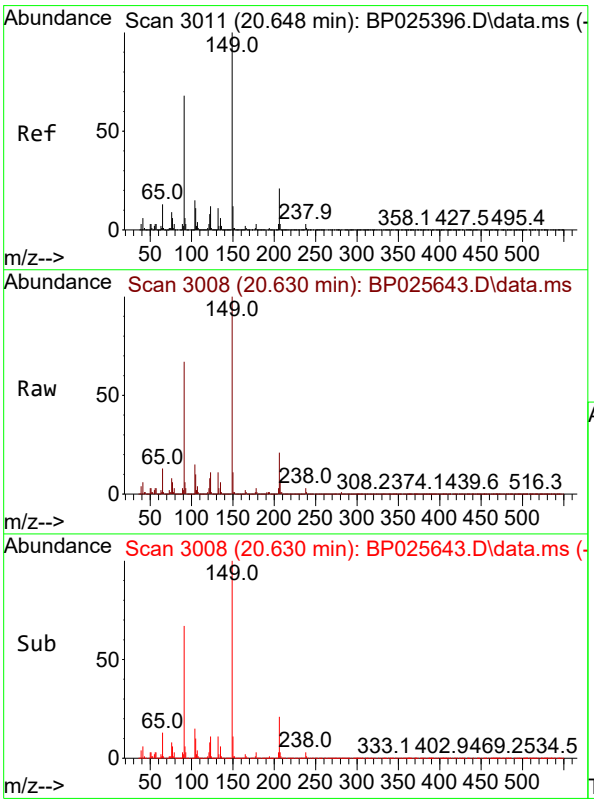
#79
Terphenyl-d14
Concen: 81.935 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:244 Resp: 3660903

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.1	7.4	11.2

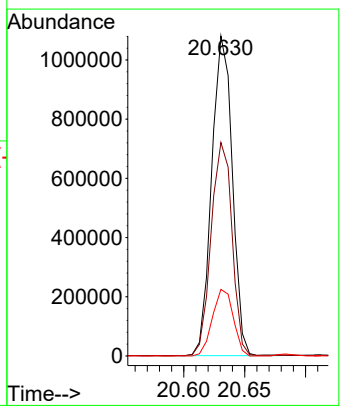


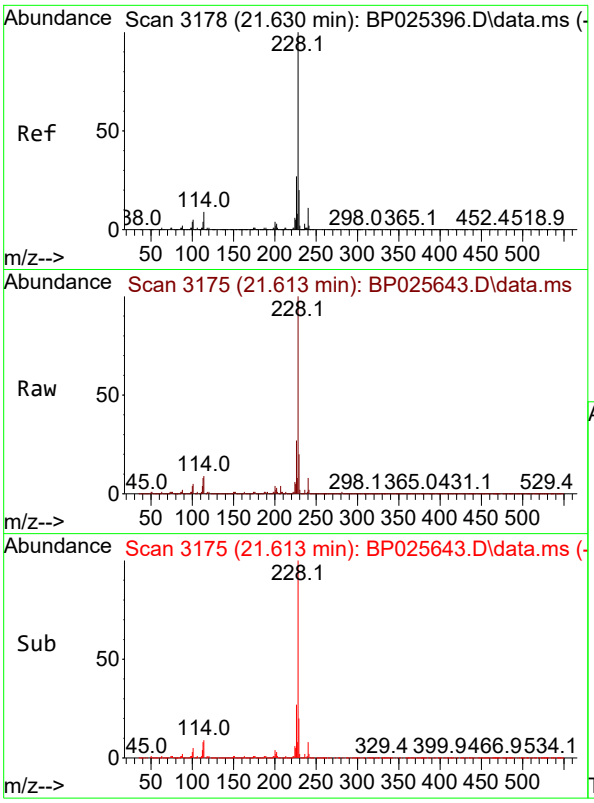


#80
Butylbenzylphthalate
Concen: 52.840 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:149 Resp: 1272403

Ion	Ratio	Lower	Upper
149	100		
91	66.7	54.2	81.2
206	20.8	16.6	24.8



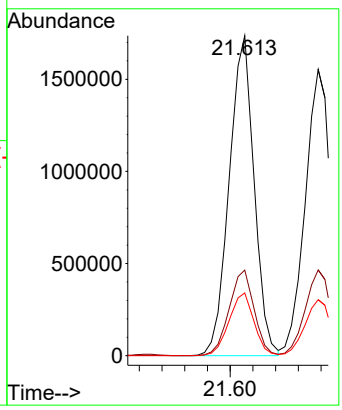


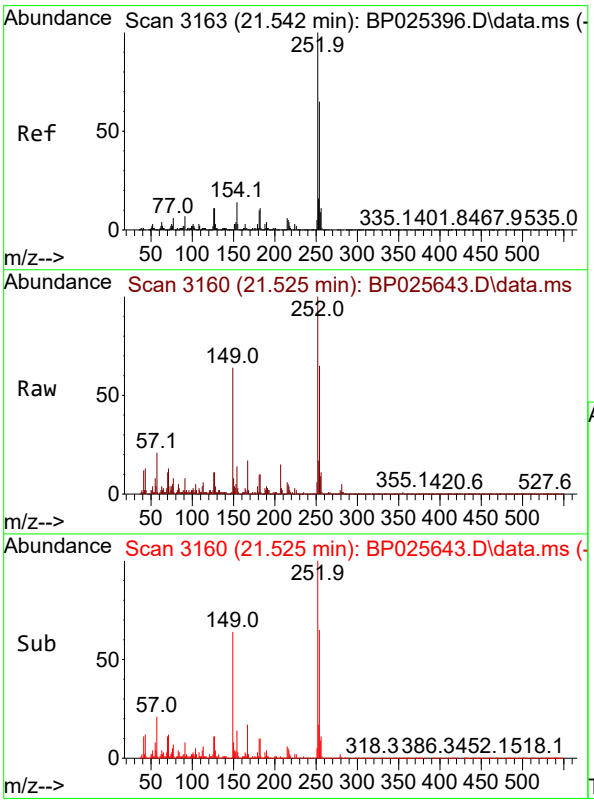
#81
Benzo(a)anthracene
Concen: 49.033 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:228 Resp: 2643485

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.6	15.6	23.4

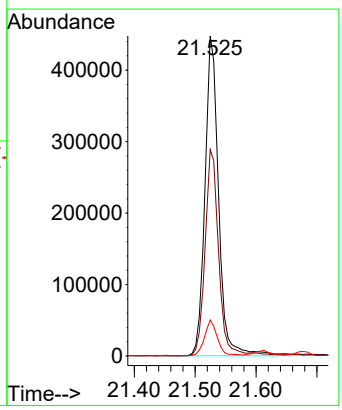


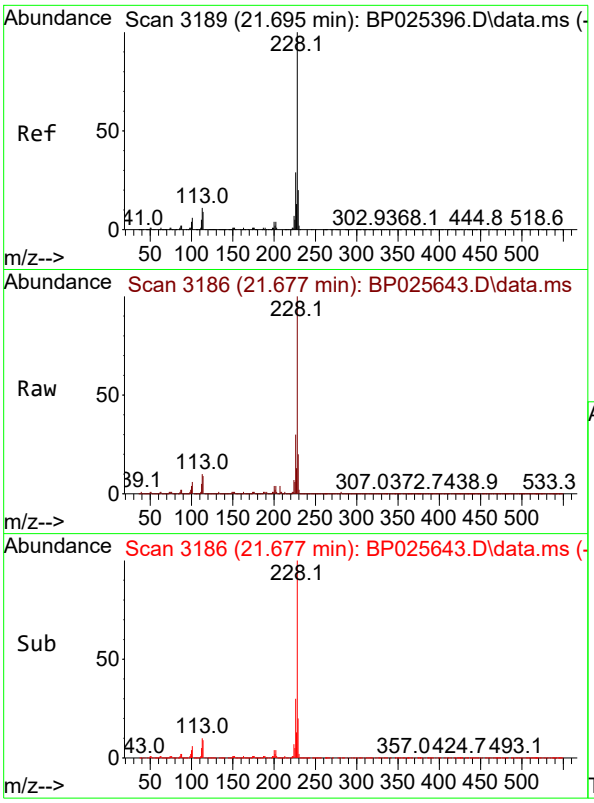


#82
3,3'-Dichlorobenzidine
Concen: 34.278 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:252 Resp: 696561

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	11.2	9.1	13.7



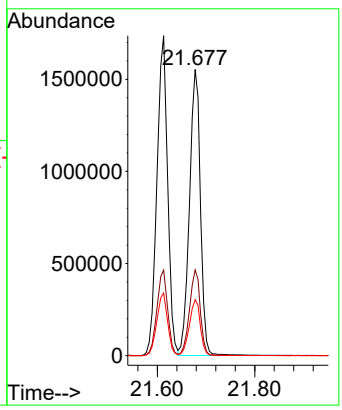


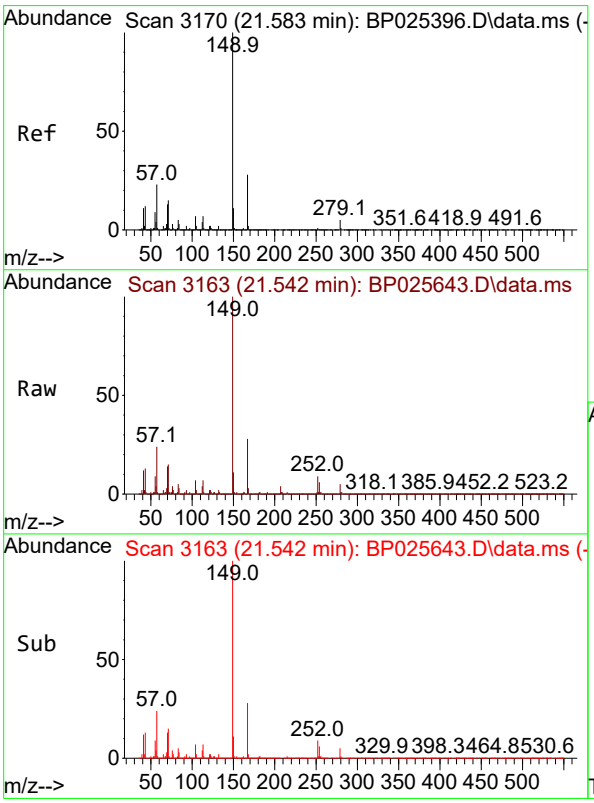
#83
Chrysene
Concen: 48.180 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:228 Resp: 2432537

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	19.5	15.6	23.4

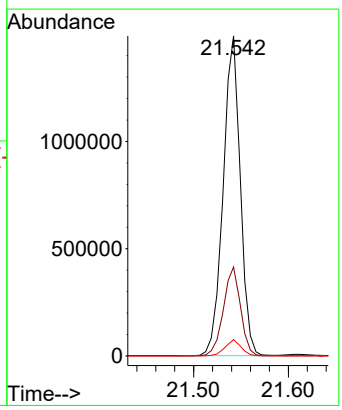


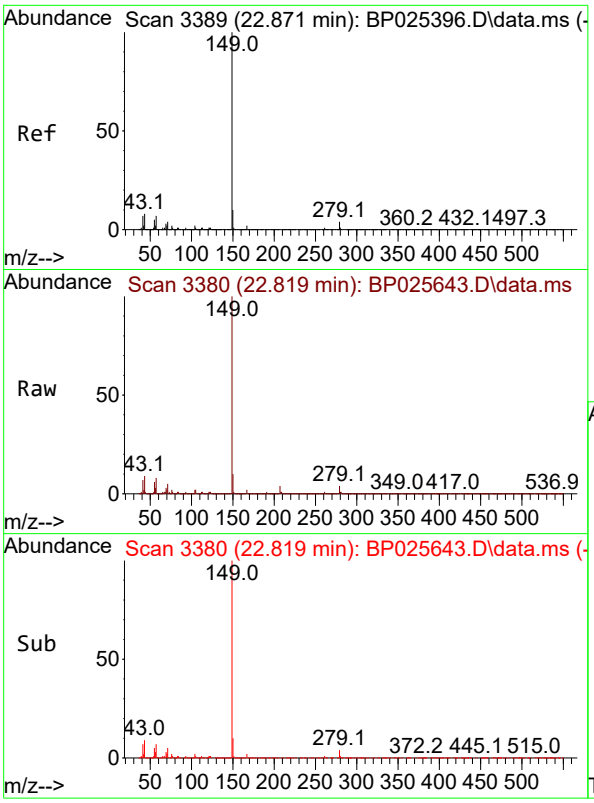


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.830 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.041 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:149 Resp: 1872697

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.1	3.8	5.6



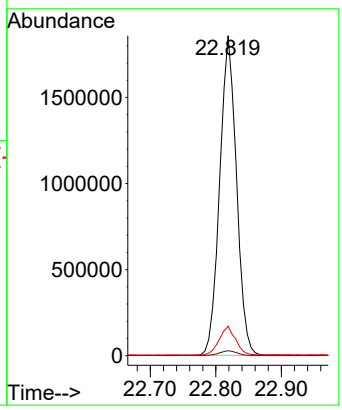


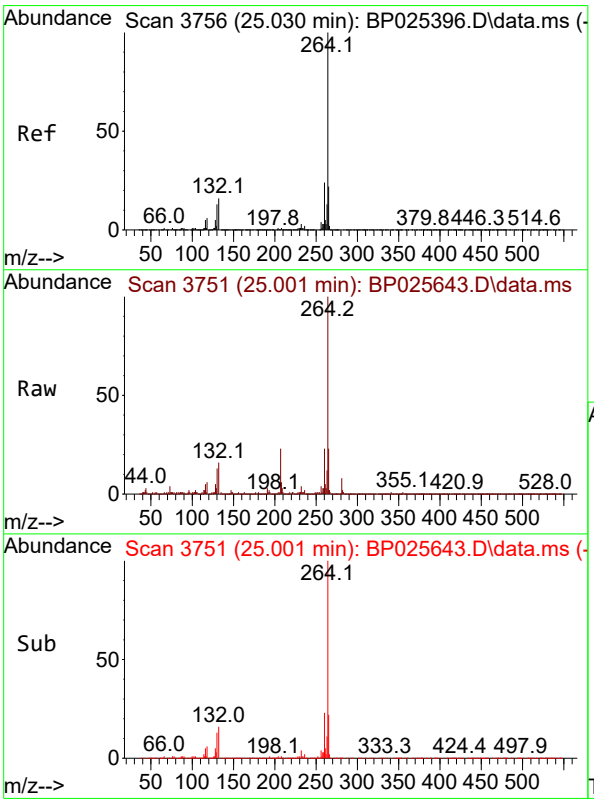
#85
Di-n-octyl phthalate
Concen: 54.051 ng
RT: 22.819 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:149 Resp: 3295593

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	6.3	9.5

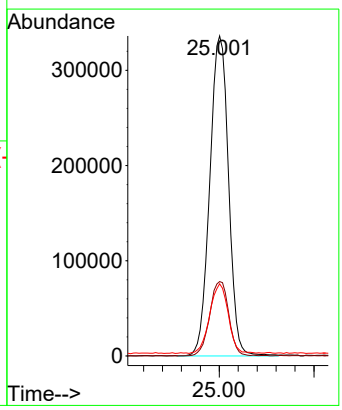


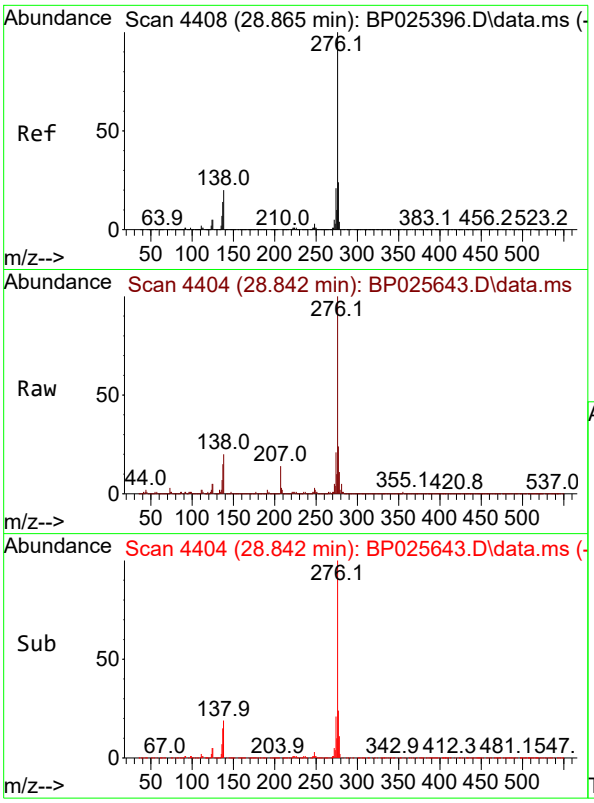


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:264 Resp: 926416

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.6	17.4	26.0



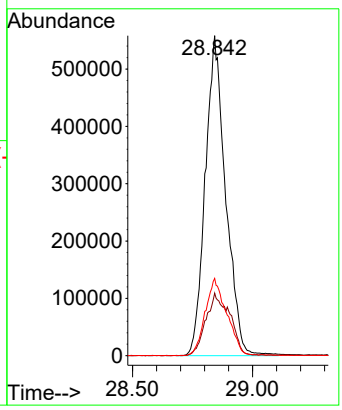


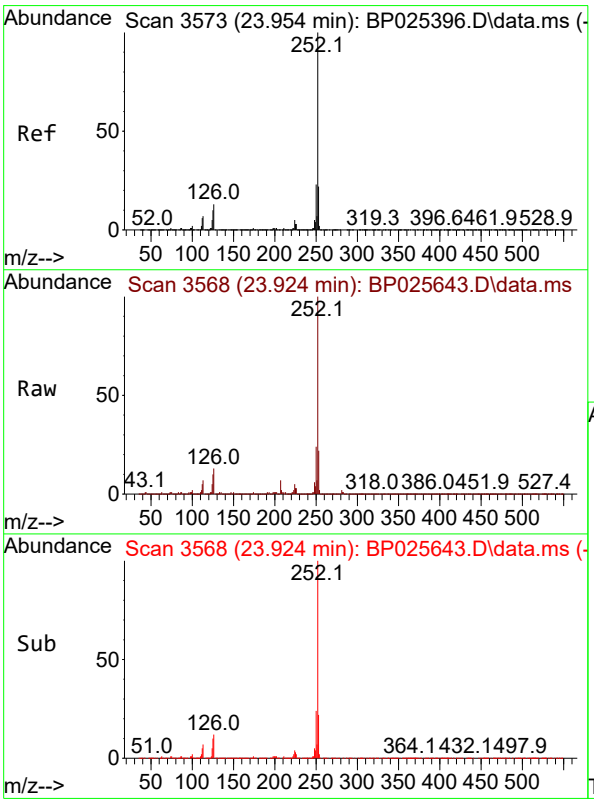
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.552 ng
RT: 28.842 min Scan# 44
Delta R.T. -0.023 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:276 Resp: 3298591

Ion	Ratio	Lower	Upper
276	100		
138	22.8	12.9	19.3#
277	25.4	17.0	25.6

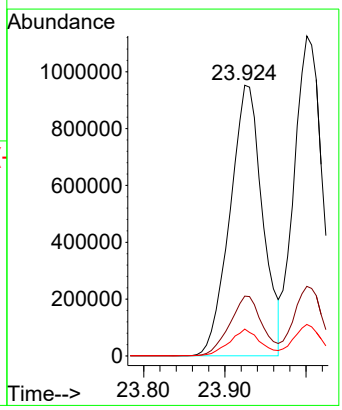


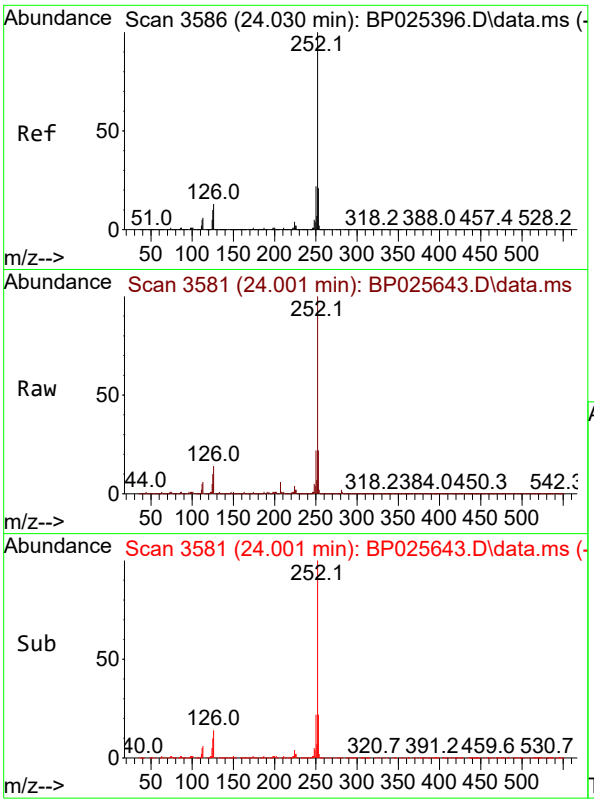


#88
Benzo(b)fluoranthene
Concen: 48.695 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:252 Resp: 2660138

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.0	7.9	11.9



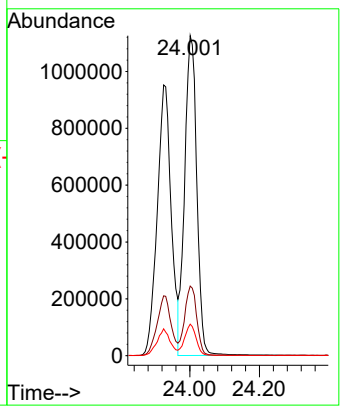


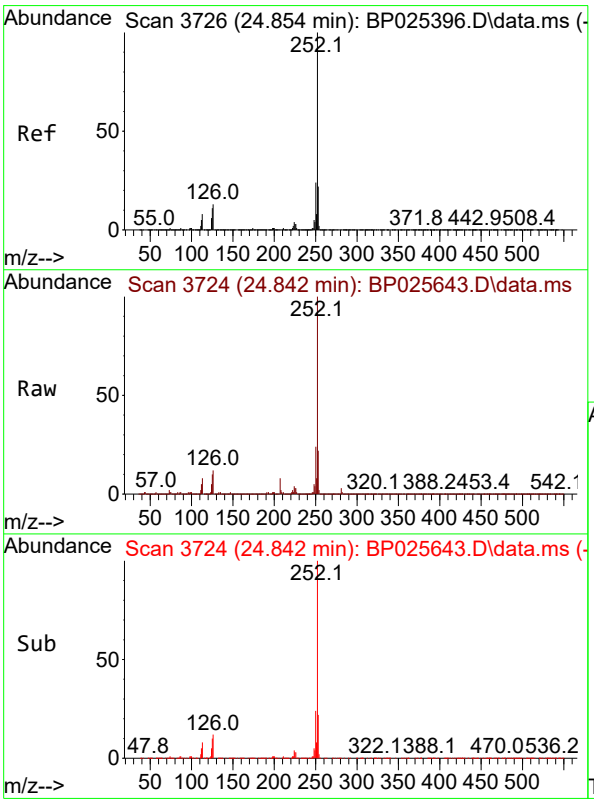
#89
Benzo(k)fluoranthene
Concen: 49.684 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:252 Resp: 2715970

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.9	7.8	11.6

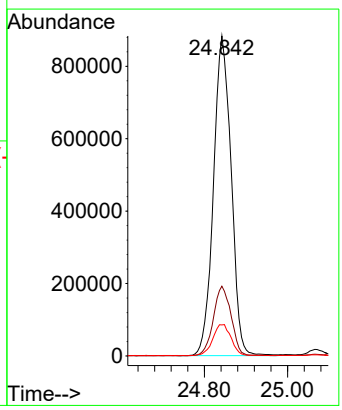


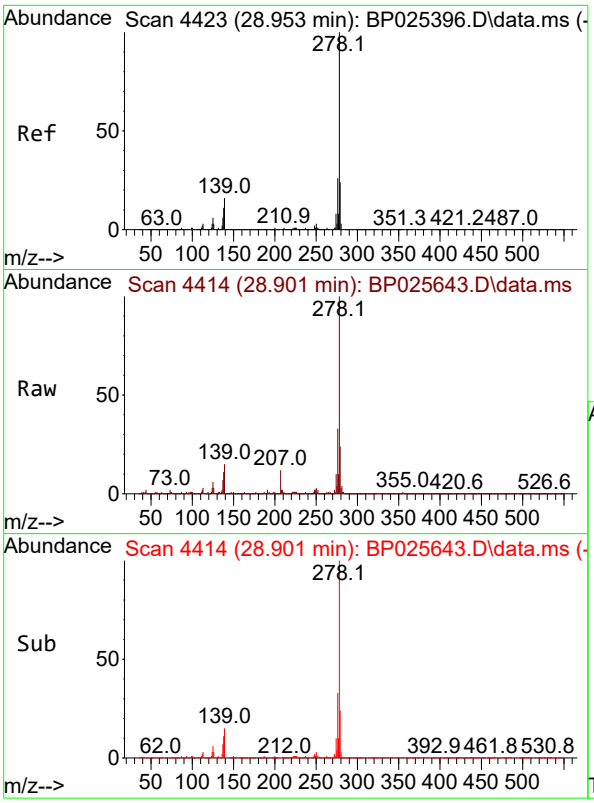


#90
Benzo(a)pyrene
Concen: 49.035 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:252 Resp: 2607501

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.7	8.7	13.1



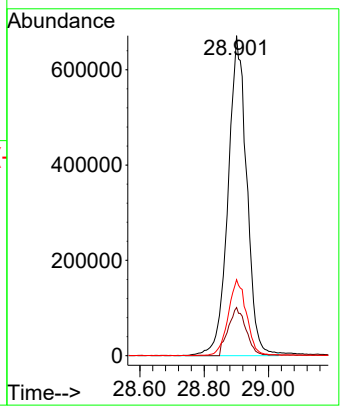


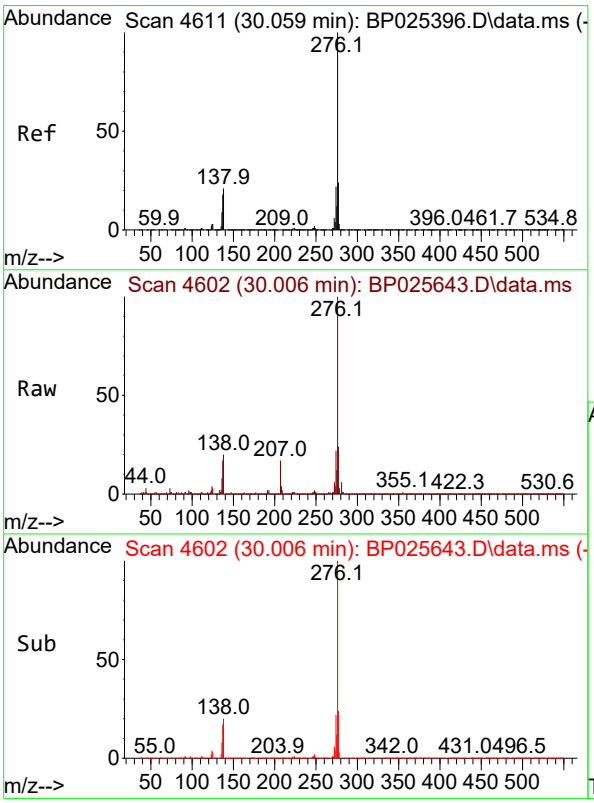
#91
Dibenzo(a,h)anthracene
Concen: 48.624 ng
RT: 28.901 min Scan# 44
Delta R.T. -0.053 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Tgt Ion:278 Resp: 2699614

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	23.8	19.4	29.2

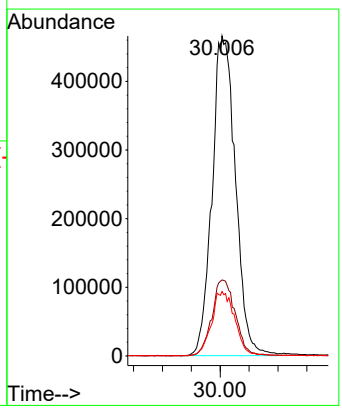




#92
Benzo(g,h,i)perylene
Concen: 47.991 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.053 min
Lab File: BP025643.D
Acq: 02 Sep 2025 18:19

Tgt Ion:276 Resp: 2619132

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	20.2	16.7	25.1



Raw Data: **BP025641.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	560		110	230	ug/Kg
108-95-2	Phenol	1100		15.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.7	120	ug/Kg
95-57-8	2-Chlorophenol	1100		16.7	120	ug/Kg
95-48-7	2-Methylphenol	1100		20.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		25.7	120	ug/Kg
98-86-2	Acetophenone	1100		20.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		28.2	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		32.5	54.9	ug/Kg
67-72-1	Hexachloroethane	1100		12.1	120	ug/Kg
98-95-3	Nitrobenzene	1100		12.6	120	ug/Kg
78-59-1	Isophorone	1100		22.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		39.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		44.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		21.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		19.4	120	ug/Kg
91-20-3	Naphthalene	1100		15.6	120	ug/Kg
106-47-8	4-Chloroaniline	360		24.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		17.4	120	ug/Kg
105-60-2	Caprolactam	1100		35.7	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		19.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		17.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	E	79.6	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		13.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		20.0	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		15.0	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1200		33.0	120	ug/Kg
131-11-3	Dimethylphthalate	1100		18.6	120	ug/Kg

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		19.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		23.0	120	ug/Kg
99-09-2	3-Nitroaniline	610		31.6	120	ug/Kg
83-32-9	Acenaphthene	1100		14.6	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2200	E	73.4	230	ug/Kg
132-64-9	Dibenzofuran	1100		15.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		34.4	120	ug/Kg
84-66-2	Diethylphthalate	1200		19.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.3	120	ug/Kg
86-73-7	Fluorene	1100		17.4	120	ug/Kg
100-01-6	4-Nitroaniline	1100		44.0	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		70.7	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		17.4	120	ug/Kg
1912-24-9	Atrazine	1200		23.3	120	ug/Kg
87-86-5	Pentachlorophenol	2400	E	35.2	230	ug/Kg
85-01-8	Phenanthrene	1100		14.3	120	ug/Kg
120-12-7	Anthracene	1100		22.8	120	ug/Kg
86-74-8	Carbazole	1100		21.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		32.9	120	ug/Kg
206-44-0	Fluoranthene	1100		20.6	120	ug/Kg
129-00-0	Pyrene	1100		24.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		49.0	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		25.2	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.8	120	ug/Kg
218-01-9	Chrysene	1100		13.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		40.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		59.5	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.0	120	ug/Kg

Raw Data: **BP025641.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		15.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		18.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.6	120	ug/Kg
123-91-1	1,4-Dioxane	990		31.0	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		18.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.6		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	95.1		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.7		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.9		20 - 109	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	68%	SPK: 150
1718-51-0	Terphenyl-d14	57.6		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	157000	7.772			
1146-65-2	Naphthalene-d8	621000	10.537			
15067-26-2	Acenaphthene-d10	403000	14.389			
1517-22-2	Phenanthrene-d10	816000	17.189			
1719-03-5	Chrysene-d12	852000	21.642			
1520-96-3	Perylene-d12	967000	25.006			

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\BP090225\
Data File : BP025641.D
Acq On : 02 Sep 2025 16:56
Operator : CG/JU
Sample : Q2989-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 02 17:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.772	152	157447	20.000	ng		-0.02
21) Naphthalene-d8	10.537	136	620874	20.000	ng		-0.02
39) Acenaphthene-d10	14.389	164	402678	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	815784	20.000	ng		-0.01
76) Chrysene-d12	21.642	240	851929	20.000	ng		0.00
86) Perylene-d12	25.006	264	966507	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	906274	95.591	ng		0.00
7) Phenol-d6	6.960	99	1156387	95.136	ng		0.00
23) Nitrobenzene-d5	8.913	82	732637	59.691	ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	555675	102.522	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	1587906	53.893	ng		-0.02
79) Terphenyl-d14	19.907	244	2683647	57.633	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	160558	43.235	ng		96
3) Pyridine	3.713	79	440789	43.366	ng		94
4) n-Nitrosodimethylamine	3.625	42	218616	52.170	ng		95
6) Aniline	7.107	93	428238	26.149	ng		96
8) 2-Chlorophenol	7.349	128	528084	49.360	ng		98
9) Benzaldehyde	6.925	77	209037	24.546	ng		97
10) Phenol	6.990	94	627071	49.165	ng		97
11) bis(2-Chloroethyl)ether	7.196	93	456137	45.884	ng		97
12) 1,3-Dichlorobenzene	7.660	146	551396	46.740	ng		98
13) 1,4-Dichlorobenzene	7.807	146	557840	46.264	ng		98
14) 1,2-Dichlorobenzene	8.119	146	542597	46.487	ng		99
15) Benzyl Alcohol	8.007	79	461906	47.826	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	645299	48.456	ng		99
17) 2-Methylphenol	8.219	107	426185	48.111	ng		99
18) Hexachloroethane	8.837	117	212824	48.005	ng		98
19) n-Nitroso-di-n-propyla...	8.566	70	360034	44.717	ng		96
20) 3+4-Methylphenols	8.537	107	580591	47.283	ng		98
22) Acetophenone	8.584	105	746925	47.971	ng	#	97
24) Nitrobenzene	8.954	77	536177	48.880	ng		99
25) Isophorone	9.478	82	1018703	46.899	ng		98
26) 2-Nitrophenol	9.660	139	287462	51.064	ng		98
27) 2,4-Dimethylphenol	9.725	122	480009	49.582	ng		97
28) bis(2-Chloroethoxy)met...	9.948	93	619050	47.147	ng		98
29) 2,4-Dichlorophenol	10.201	162	486577	50.595	ng		98
30) 1,2,4-Trichlorobenzene	10.407	180	500410	47.466	ng		96
31) Naphthalene	10.590	128	1523003	47.195	ng		99
32) Benzoic acid	9.895	122	402655m	56.337	ng		
33) 4-Chloroaniline	10.695	127	223955	15.711	ng		98
34) Hexachlorobutadiene	10.872	225	316873	48.263	ng		98
35) Caprolactam	11.501	113	175646	49.809	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	558120	50.576	ng		98
37) 2-Methylnaphthalene	12.195	142	959049	45.668	ng		99
38) 1-Methylnaphthalene	12.419	142	1016081	45.496	ng		99
40) 1,2,4,5-Tetrachloroben...	12.566	216	561998	48.324	ng		99
41) Hexachlorocyclopentadiene	12.542	237	620479	88.326	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	395939	50.429	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025641.D
Acq On : 02 Sep 2025 16:56
Operator : CG/JU
Sample : Q2989-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 02 17:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	435744	50.639	ng		98
46) 1,1'-Biphenyl	13.207	154	1393830	47.661	ng		99
47) 2-Chloronaphthalene	13.248	162	1069039	46.956	ng		100
48) 2-Nitroaniline	13.460	65	359757	54.232	ng		97
49) Acenaphthylene	14.101	152	1819338	48.293	ng		99
50) Dimethylphthalate	13.842	163	1421262	48.199	ng		100
51) 2,6-Dinitrotoluene	13.948	165	314555	50.611	ng		93
52) Acenaphthene	14.454	154	1021442	46.192	ng		100
53) 3-Nitroaniline	14.289	138	187167	26.766	ng		97
54) 2,4-Dinitrophenol	14.513	184	378915	114.163	ng		97
55) Dibenzofuran	14.789	168	1668707	47.731	ng		99
56) 4-Nitrophenol	14.631	139	557517	97.025	ng		93
57) 2,4-Dinitrotoluene	14.760	165	463031	52.217	ng		97
58) Fluorene	15.454	166	1342240	48.656	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	386499	50.869	ng		99
60) Diethylphthalate	15.230	149	1523749	50.855	ng		99
61) 4-Chlorophenyl-phenyle...	15.442	204	667965	48.686	ng		98
62) 4-Nitroaniline	15.472	138	344008	47.988	ng		96
63) Azobenzene	15.742	77	1426606	55.606	ng		98
65) 4,6-Dinitro-2-methylph...	15.542	198	267058	52.517	ng		95
66) n-Nitrosodiphenylamine	15.666	169	1189076	47.799	ng		100
67) 4-Bromophenyl-phenylether	16.360	248	439423	48.976	ng		99
68) Hexachlorobenzene	16.477	284	514922	49.509	ng		99
69) Atrazine	16.648	200	473882	50.866	ng		99
70) Pentachlorophenol	16.836	266	690508	105.174	ng		98
71) Phenanthrene	17.236	178	2166406	48.343	ng		99
72) Anthracene	17.324	178	2203641	48.152	ng		99
73) Carbazole	17.607	167	2119936	49.180	ng		99
74) Di-n-butylphthalate	18.195	149	2779464	52.409	ng		100
75) Fluoranthene	19.324	202	2594129	48.529	ng		99
77) Benzidine	19.507	184	969532	33.346	ng		99
78) Pyrene	19.701	202	2681388	48.424	ng		99
80) Butylbenzylphthalate	20.642	149	1303731	51.951	ng		100
81) Benzo(a)anthracene	21.618	228	2720953	48.428	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	579354	27.357	ng		99
83) Chrysene	21.689	228	2534334	48.166	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1904356	51.550	ng		99
85) Di-n-octyl phthalate	22.830	149	3336783	52.513	ng		98
87) Indeno(1,2,3-cd)pyrene	28.859	276	3490890	49.251	ng	#	88
88) Benzo(b)fluoranthene	23.936	252	2764802	48.512	ng		99
89) Benzo(k)fluoranthene	24.012	252	2781699	48.775	ng		99
90) Benzo(a)pyrene	24.853	252	2724422	49.109	ng		99
91) Dibenzo(a,h)anthracene	28.930	278	2867026	49.497	ng		97
92) Benzo(g,h,i)perylene	30.030	276	2770490m	48.658	ng		

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

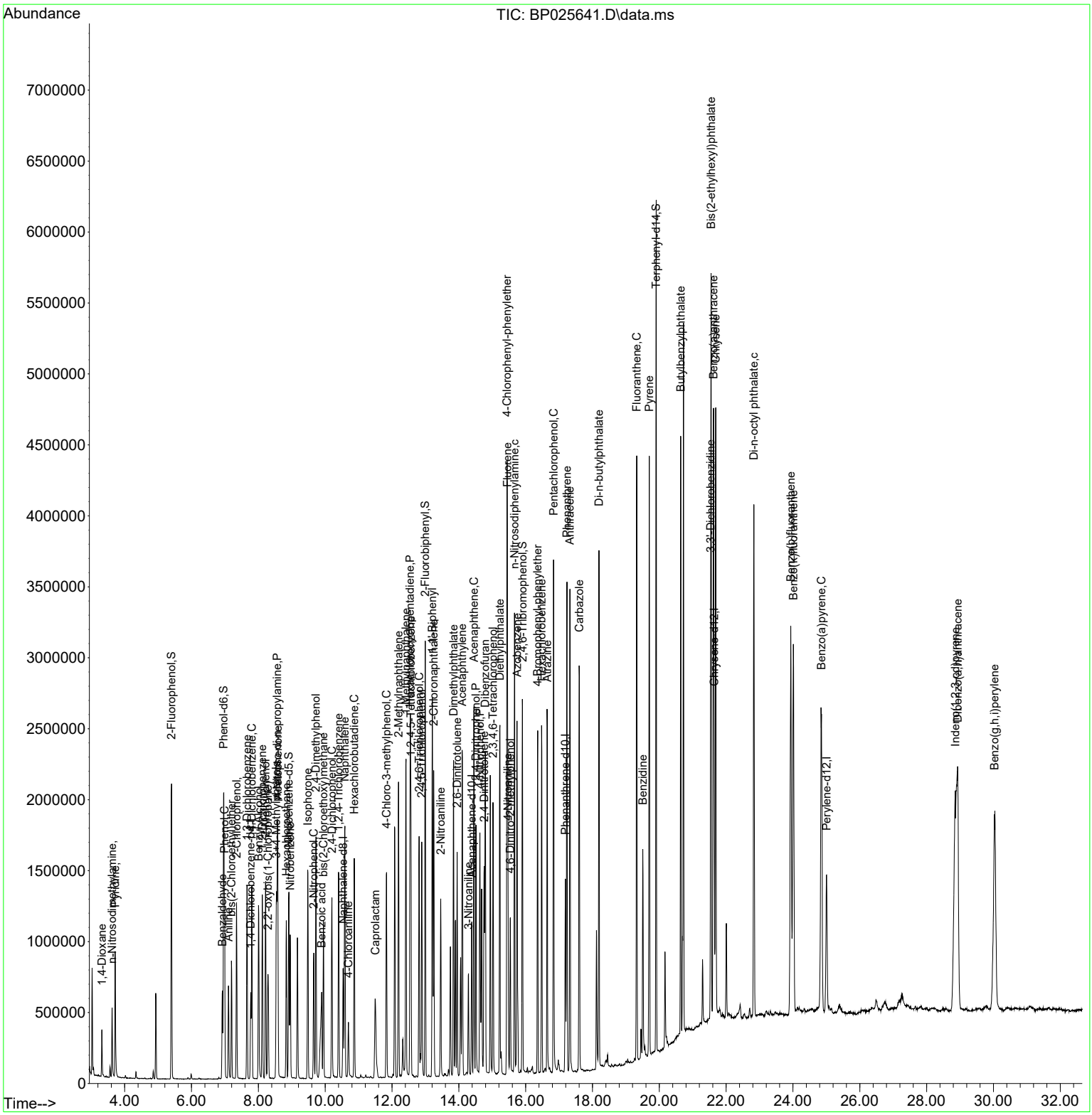
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025641.D
Acq On : 02 Sep 2025 16:56
Operator : CG/JU
Sample : Q2989-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

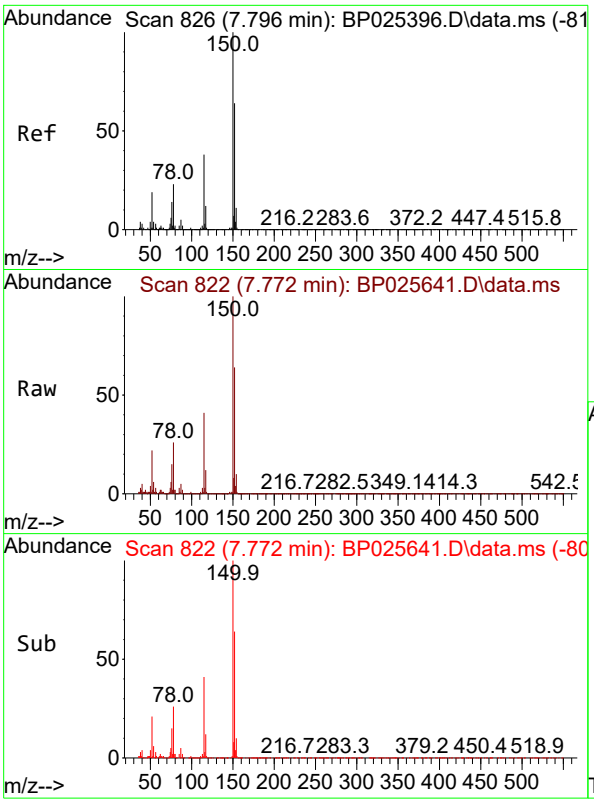
Quant Time: Sep 02 17:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

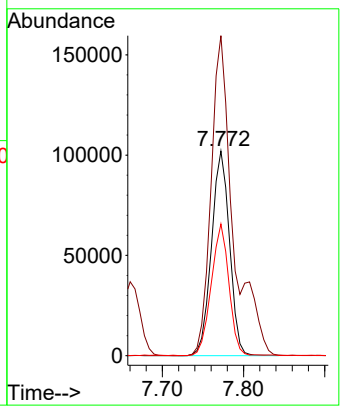




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:152 Resp: 15744

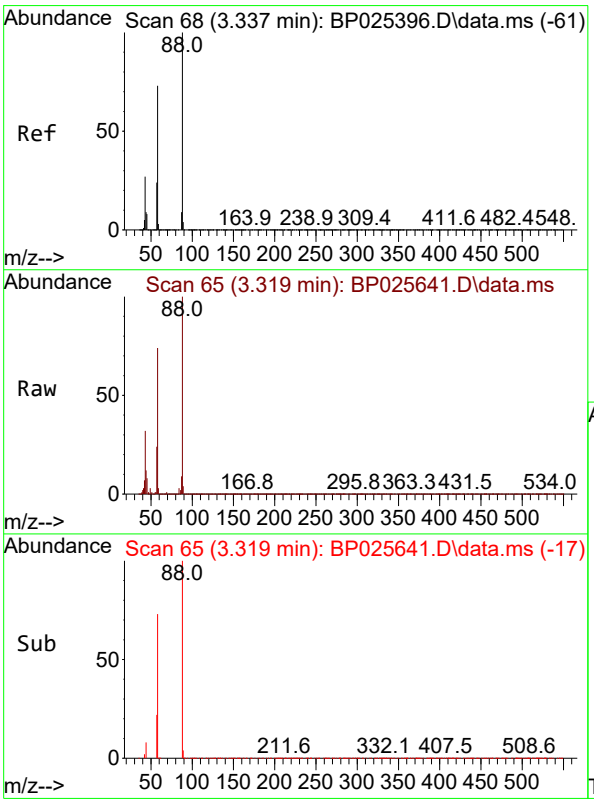
Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	64.4	48.5	72.7



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
APPROVED

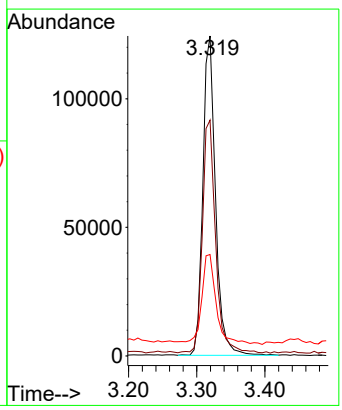
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

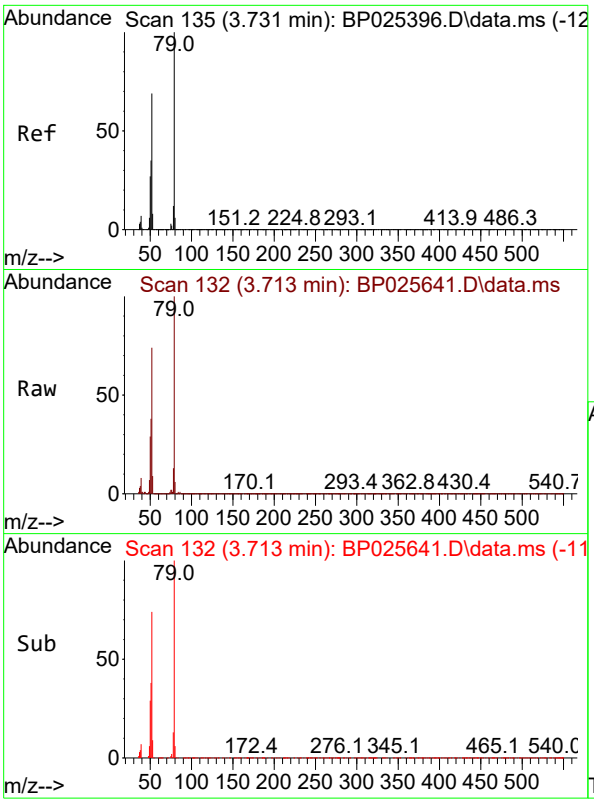


#2
1,4-Dioxane
Concen: 43.235 ng
RT: 3.319 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 88 Resp: 160558

Ion	Ratio	Lower	Upper
88	100		
58	75.6	59.2	88.8
43	32.4	21.7	32.5

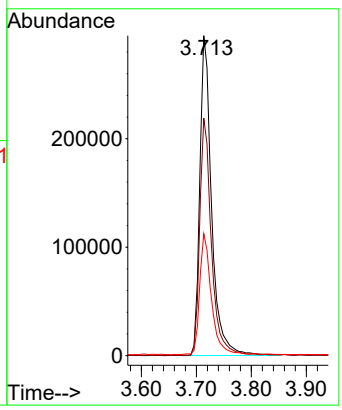




#3
Pyridine
Concen: 43.366 ng
RT: 3.713 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 79 Resp: 44078

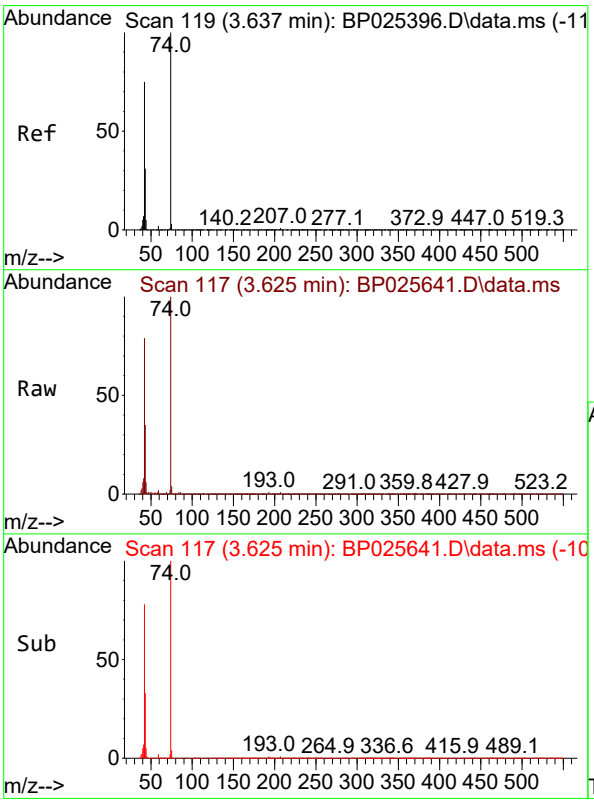
Ion	Ratio	Lower	Upper
79	100		
52	74.3	55.5	83.3
51	38.1	28.3	42.5



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
APPROVED

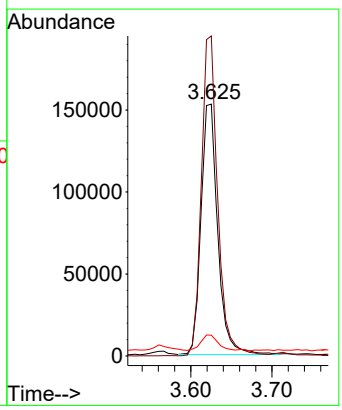
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

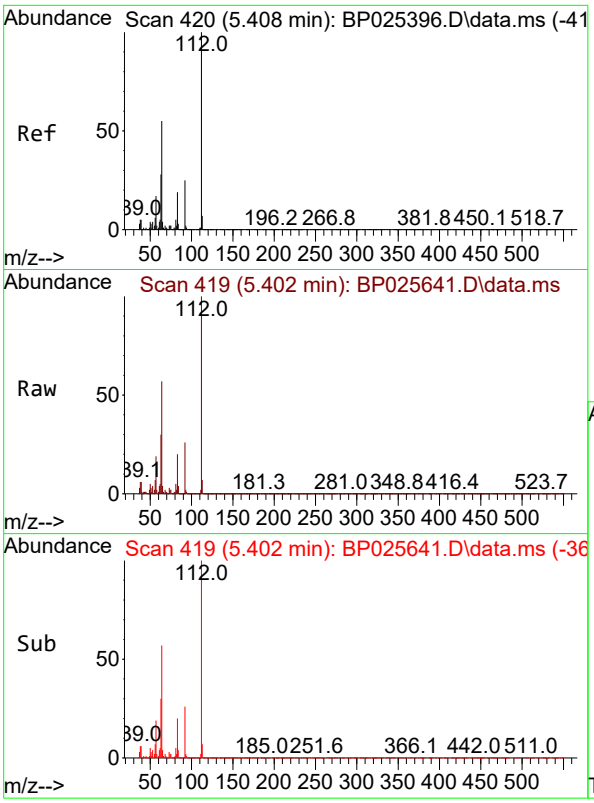


#4
n-Nitrosodimethylamine
Concen: 52.170 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 42 Resp: 218616

Ion	Ratio	Lower	Upper
42	100		
74	127.0	107.0	160.4
44	8.3	6.2	9.4

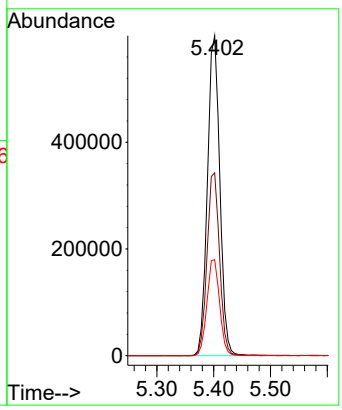




#5
2-Fluorophenol
Concen: 95.591 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:112 Resp: 90627

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.8	65.8
63	30.0	22.7	34.1



Instrument :
BNA_P
ClientSampleId :
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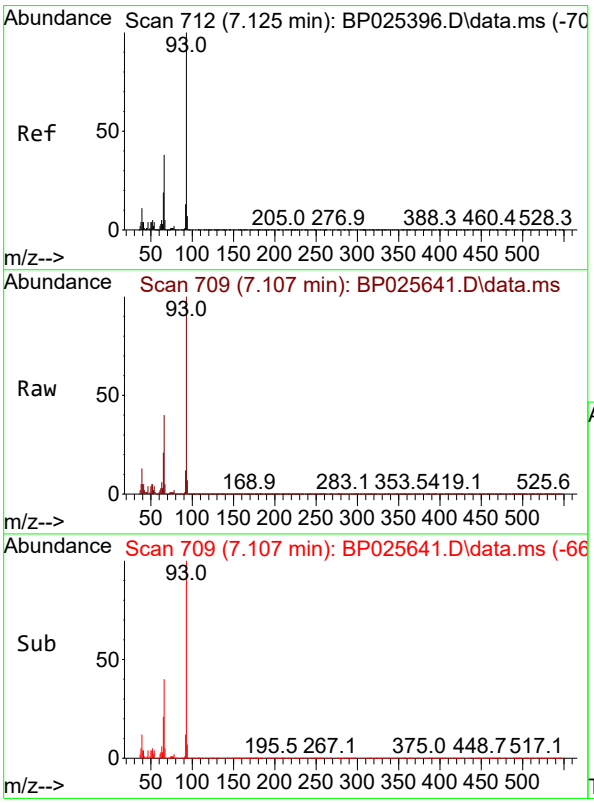
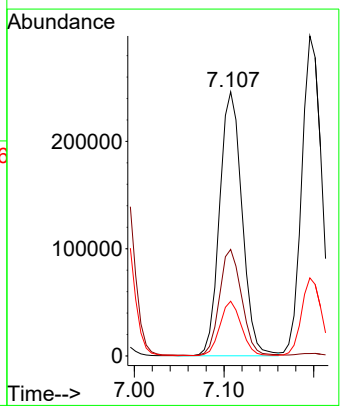
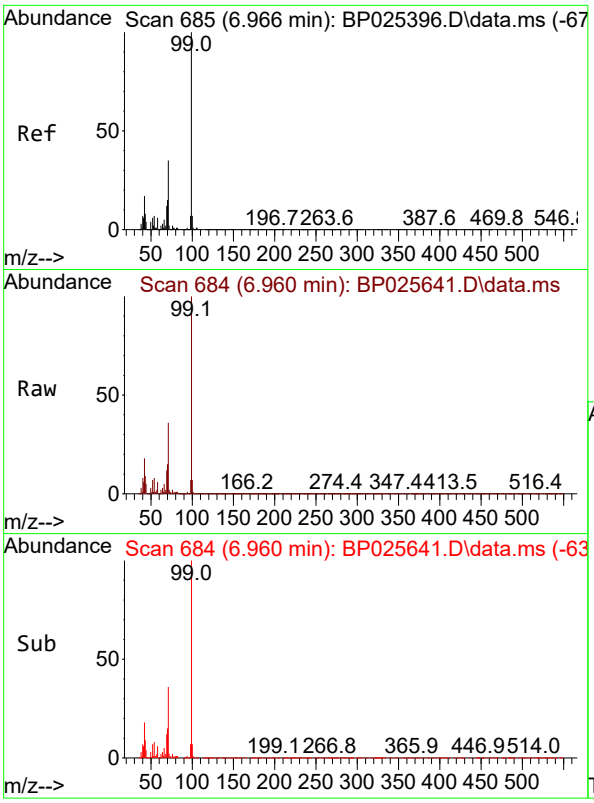


#6
Aniline
Concen: 26.149 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 93 Resp: 428238

Ion	Ratio	Lower	Upper
93	100		
66	40.4	30.4	45.6
65	20.7	15.3	22.9

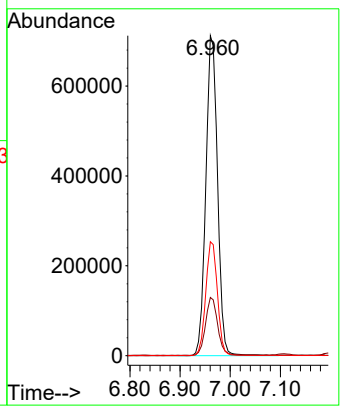




#7
Phenol-d6
Concen: 95.136 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 99 Resp: 115638

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	35.6	28.2	42.4



Instrument :
BNA_P
ClientSampleId :
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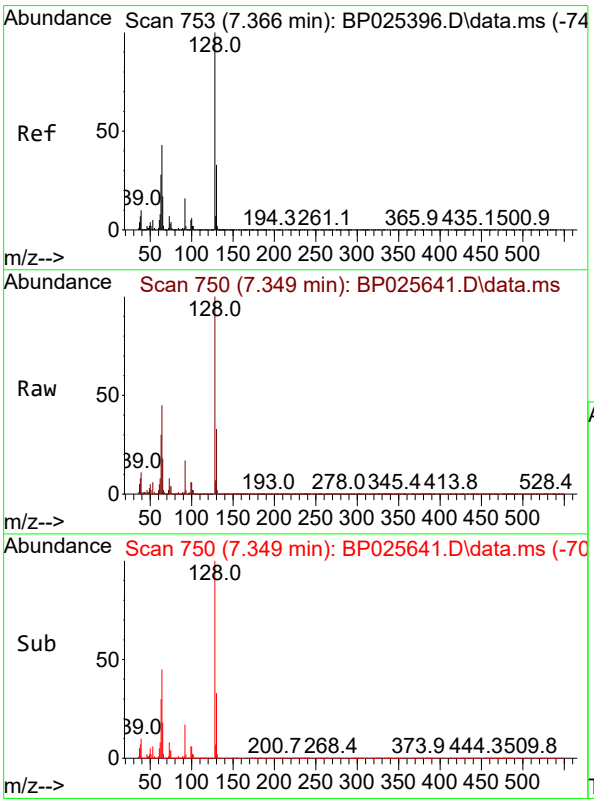
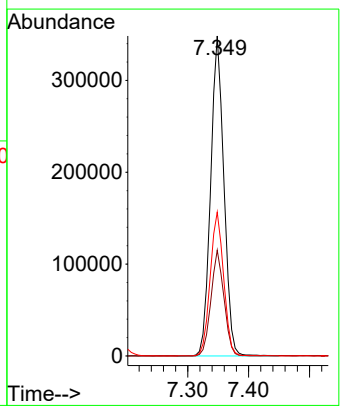
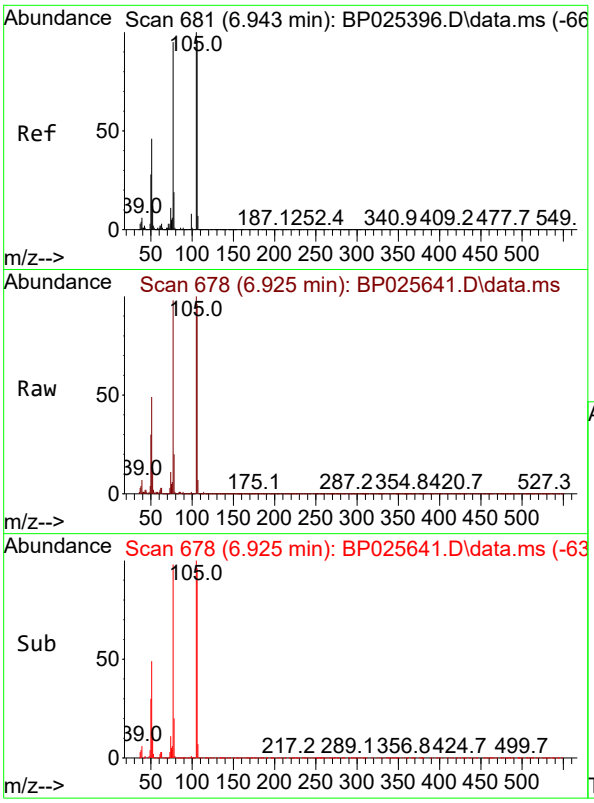


#8
2-Chlorophenol
Concen: 49.360 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:128 Resp: 528084

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	45.0	23.4	63.4

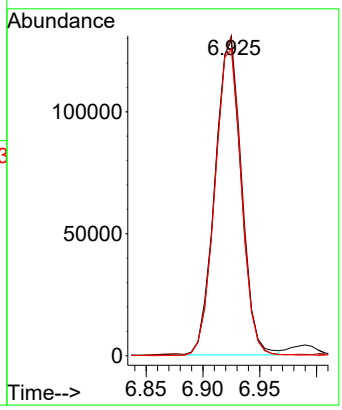




#9
Benzaldehyde
Concen: 24.546 ng
RT: 6.925 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 77 Resp: 20903

Ion	Ratio	Lower	Upper
77	100		
105	101.6	84.8	124.8
106	97.3	80.5	120.5



Instrument :
BNA_P
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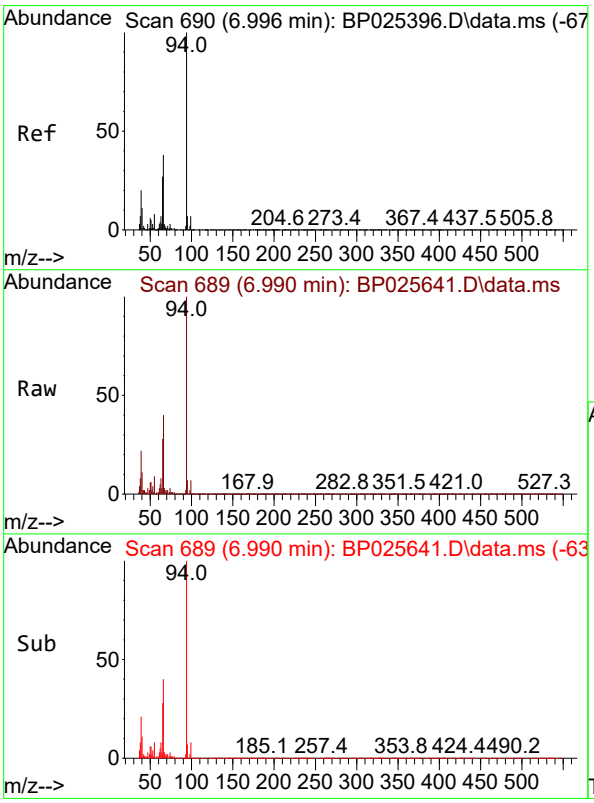
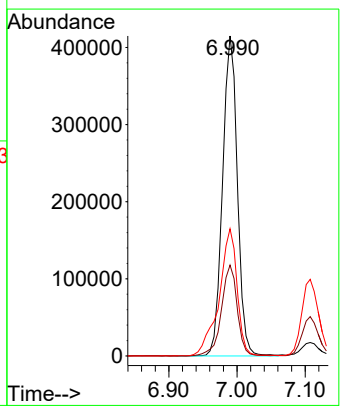
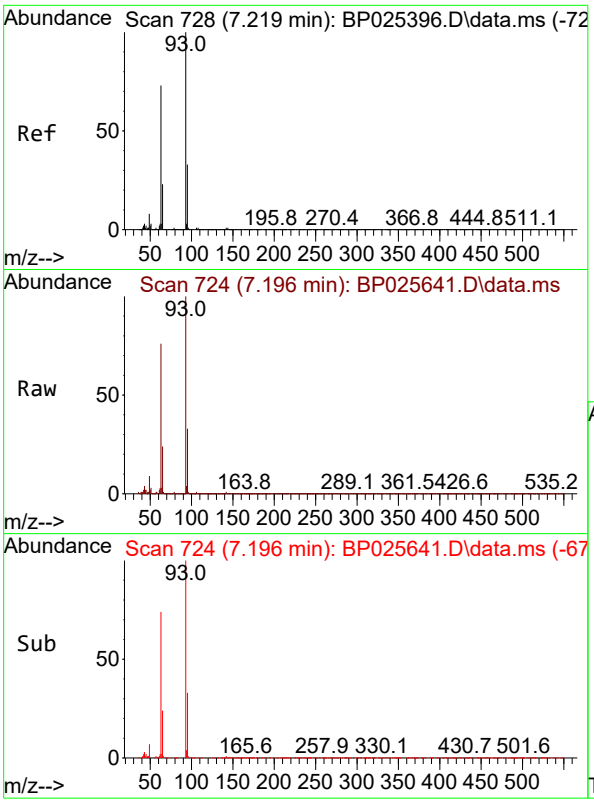


#10
Phenol
Concen: 49.165 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 94 Resp: 627071

Ion	Ratio	Lower	Upper
94	100		
65	28.4	6.8	46.8
66	39.8	18.2	58.2

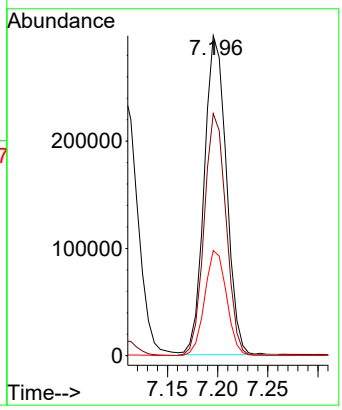




#11
bis(2-Chloroethyl)ether
Concen: 45.884 ng
RT: 7.196 min Scan# 7
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 93 Resp: 45613

Ion	Ratio	Lower	Upper
93	100		
63	75.6	52.6	92.6
95	32.8	12.7	52.7



Instrument :
BNA_P
ClientSampleId :
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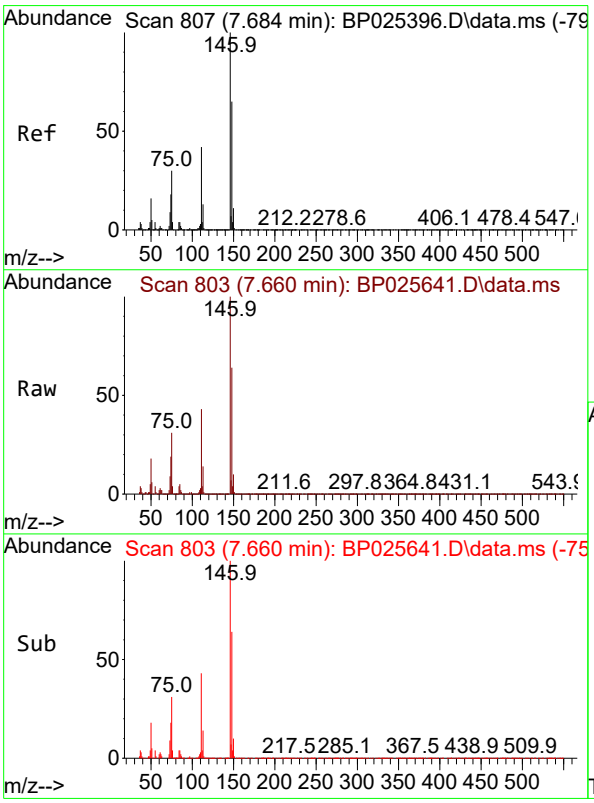
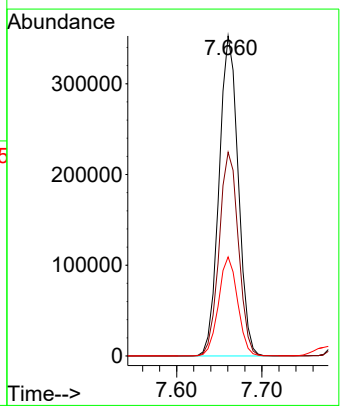
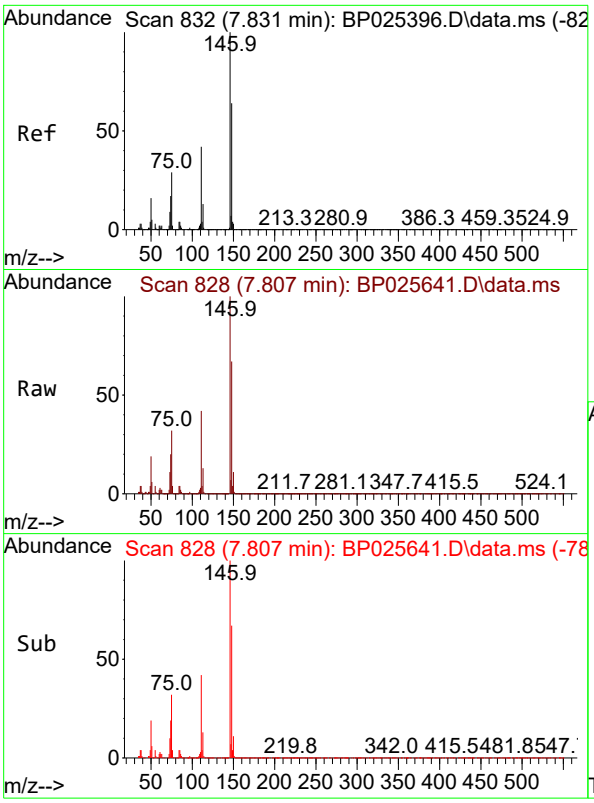


#12
1,3-Dichlorobenzene
Concen: 46.740 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:146 Resp: 551396

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
75	31.0	23.7	35.5





#13
1,4-Dichlorobenzene
Concen: 46.264 ng
RT: 7.807 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:146 Resp: 55784

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.6	77.4
111	42.3	33.4	50.0

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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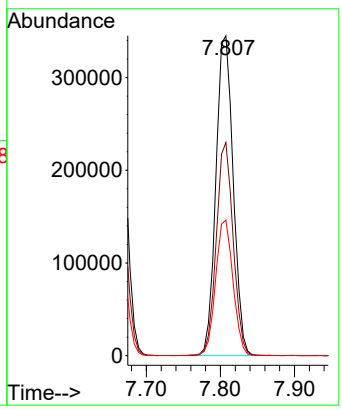
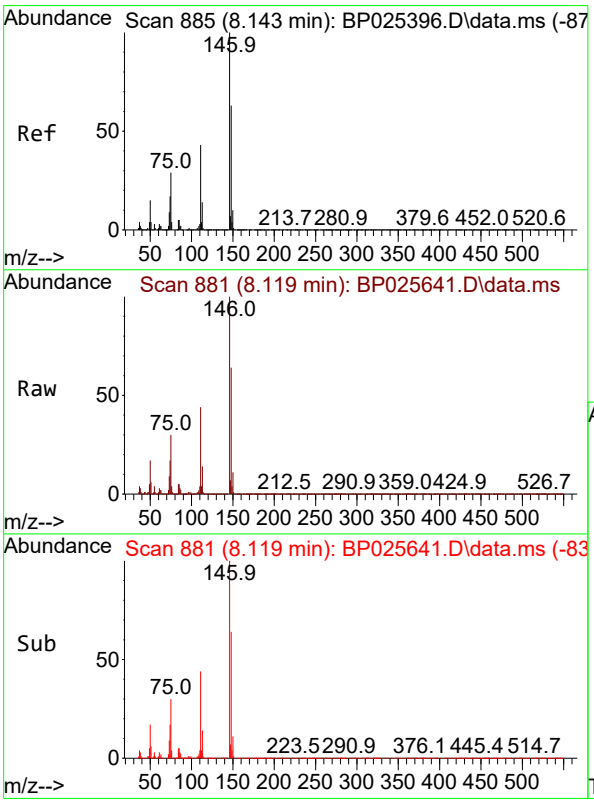
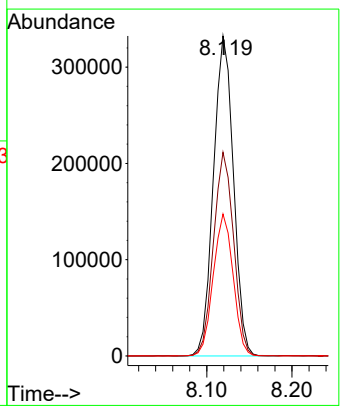


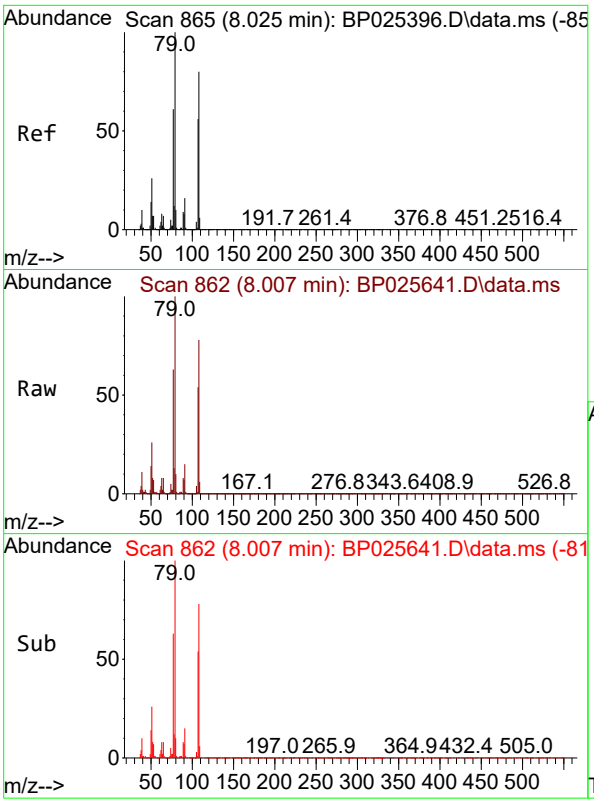


#14
1,2-Dichlorobenzene
Concen: 46.487 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:146 Resp: 542597

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	44.4	34.5	51.7





#15
Benzyl Alcohol
Concen: 47.826 ng
RT: 8.007 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 79 Resp: 46190

Ion	Ratio	Lower	Upper
79	100		
108	77.7	63.8	95.6
77	62.8	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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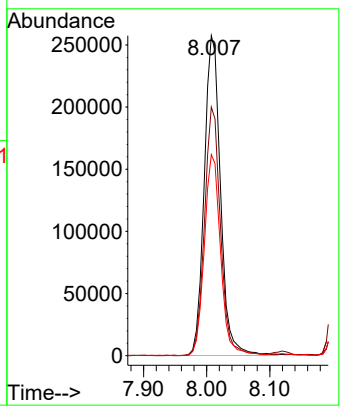
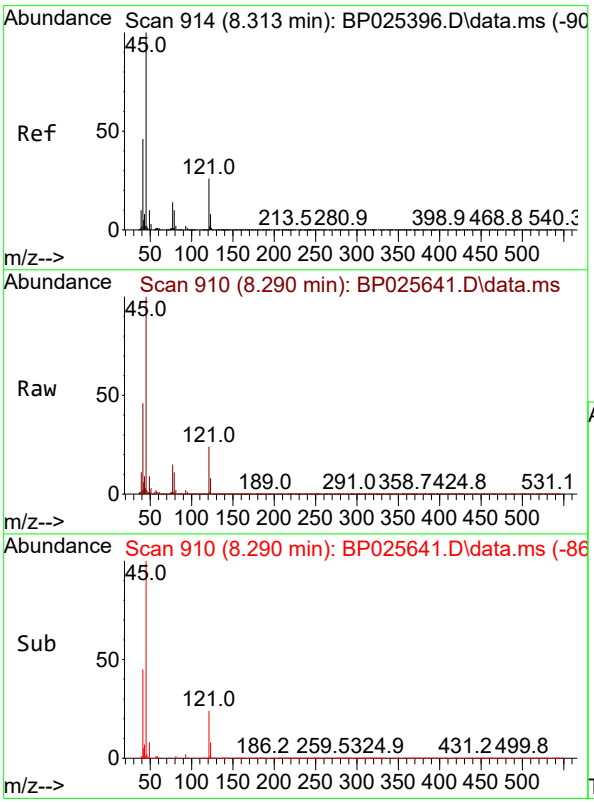
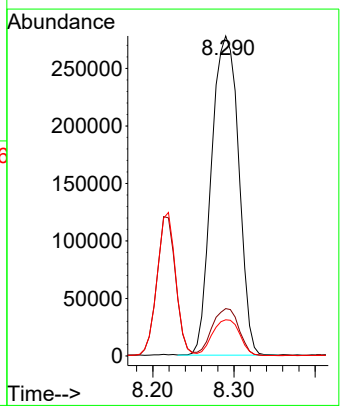


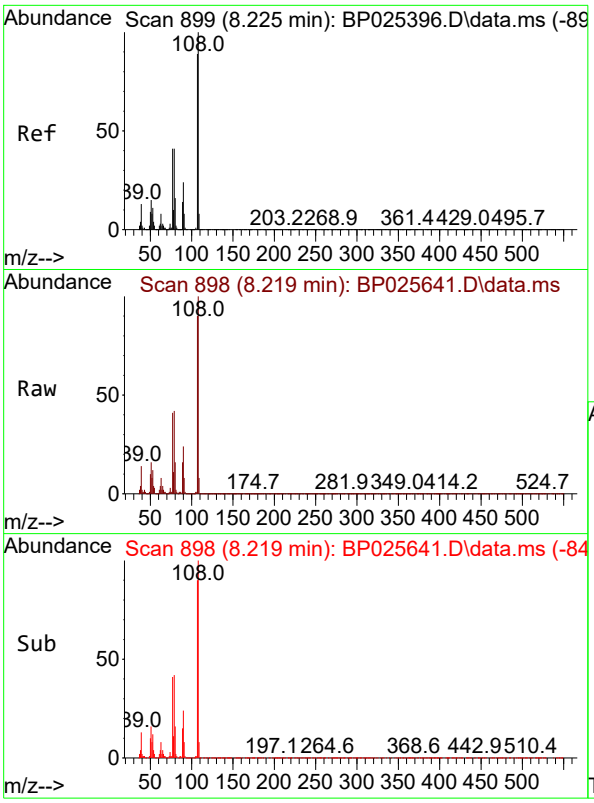


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.456 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 45 Resp: 645299

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.3
79	11.3	0.0	31.8

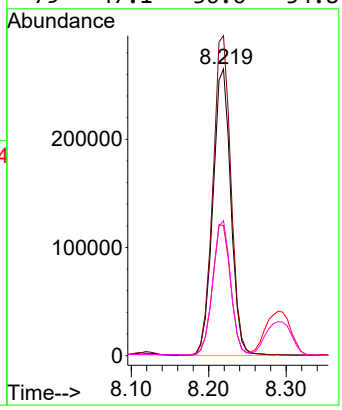




#17
2-Methylphenol
Concen: 48.111 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:107 Resp: 42618

Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.0
77	45.3	36.3	54.5
79	47.1	36.6	54.8



Instrument :
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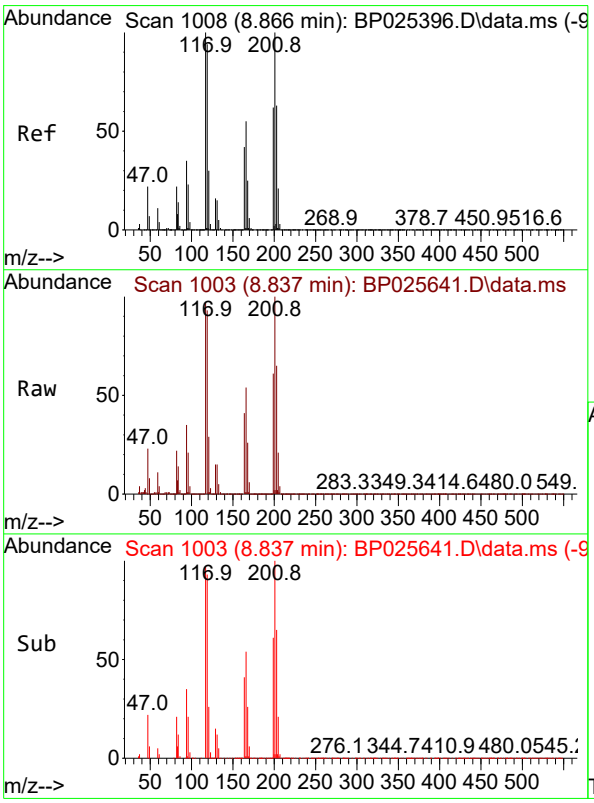
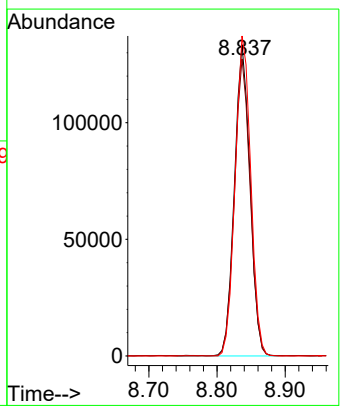
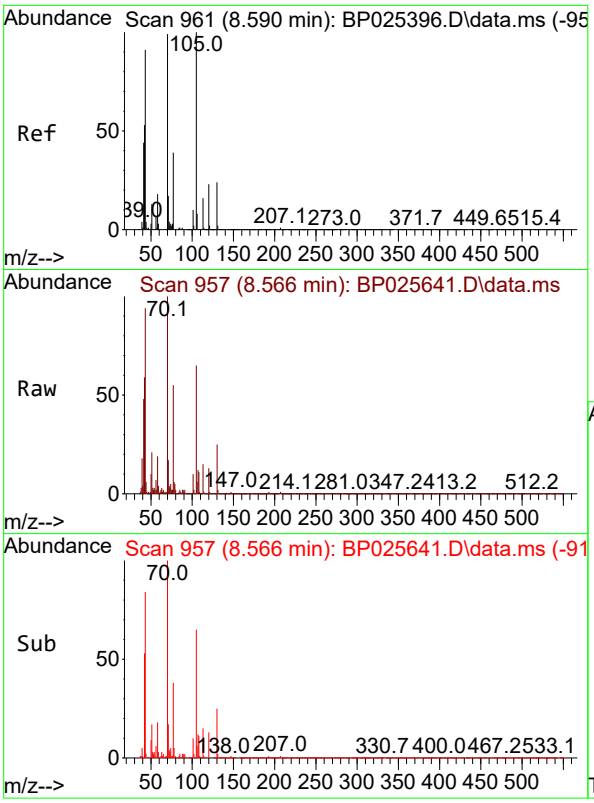


#18
Hexachloroethane
Concen: 48.005 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:117 Resp: 212824

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.1	112.7
201	102.8	80.1	120.1

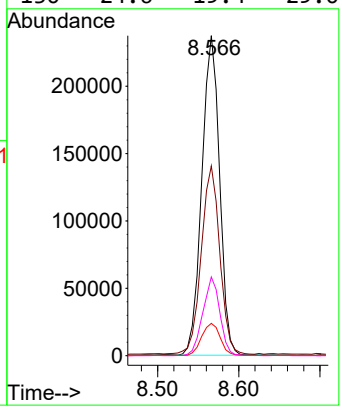




#19
n-Nitroso-di-n-propylamine
Concen: 44.717 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 70 Resp: 36003

Ion	Ratio	Lower	Upper
70	100		
42	59.3	43.8	65.6
101	10.1	8.5	12.7
130	24.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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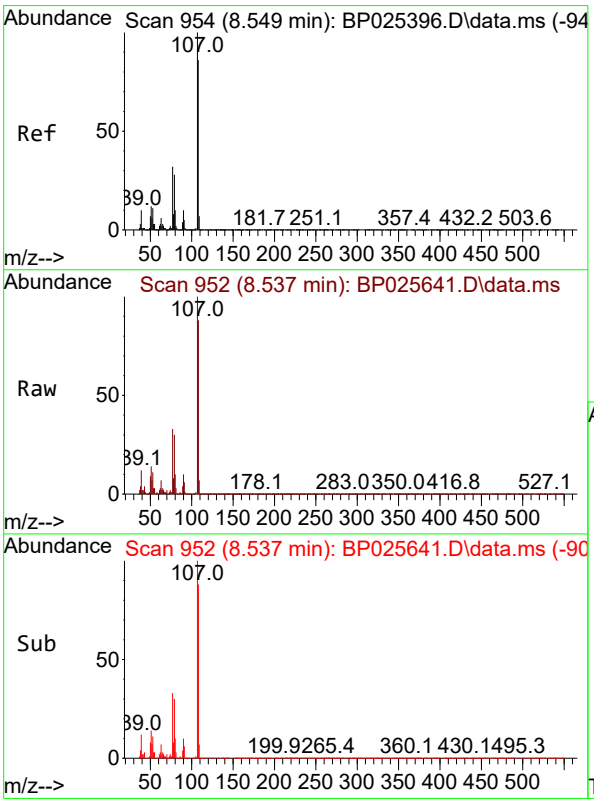
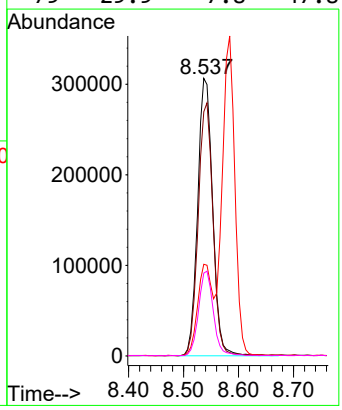
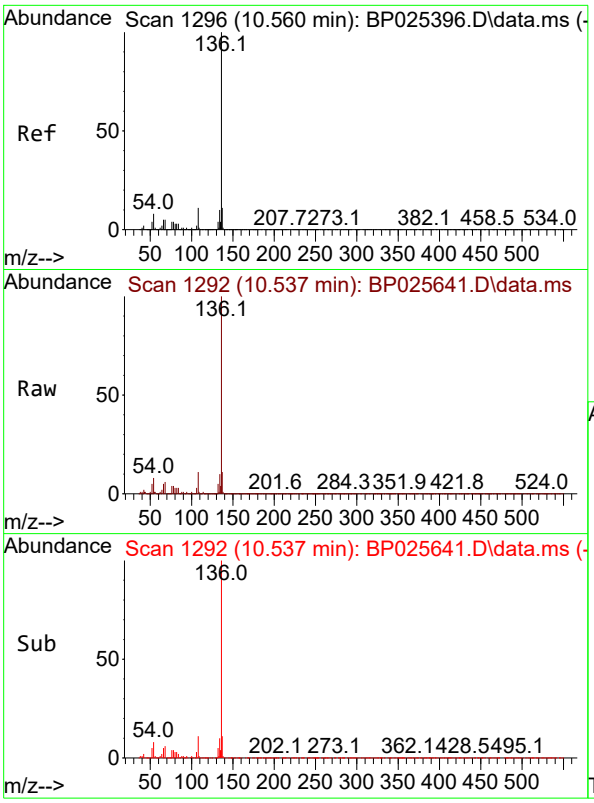


#20
3+4-Methylphenols
Concen: 47.283 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:107 Resp: 580591

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	33.0	12.3	52.3
79	29.9	7.8	47.8

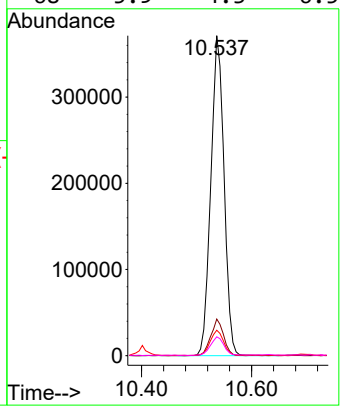




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:136 Resp: 62087

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.9	6.0	9.0
68	5.9	4.3	6.5



Instrument :
BNA_P
ClientSampleId :
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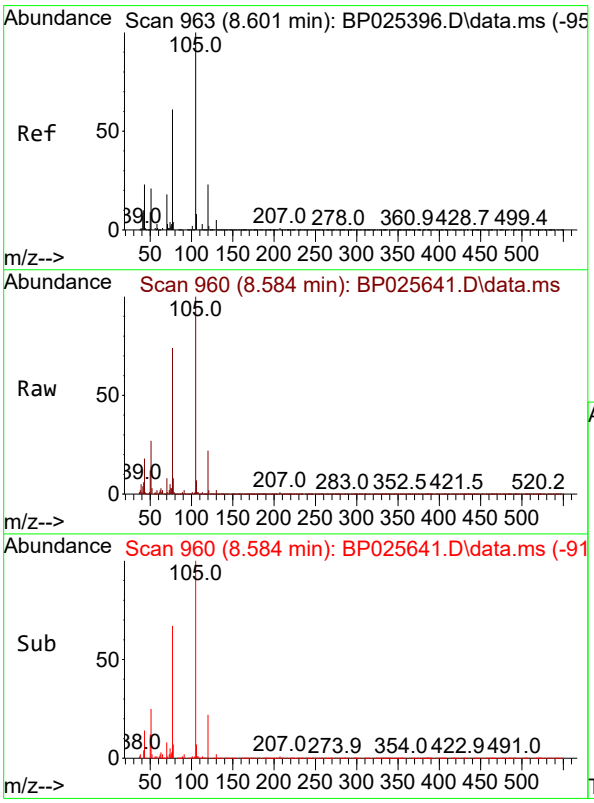
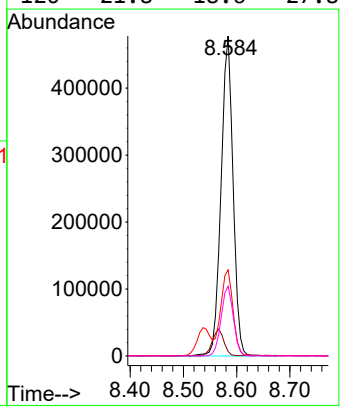
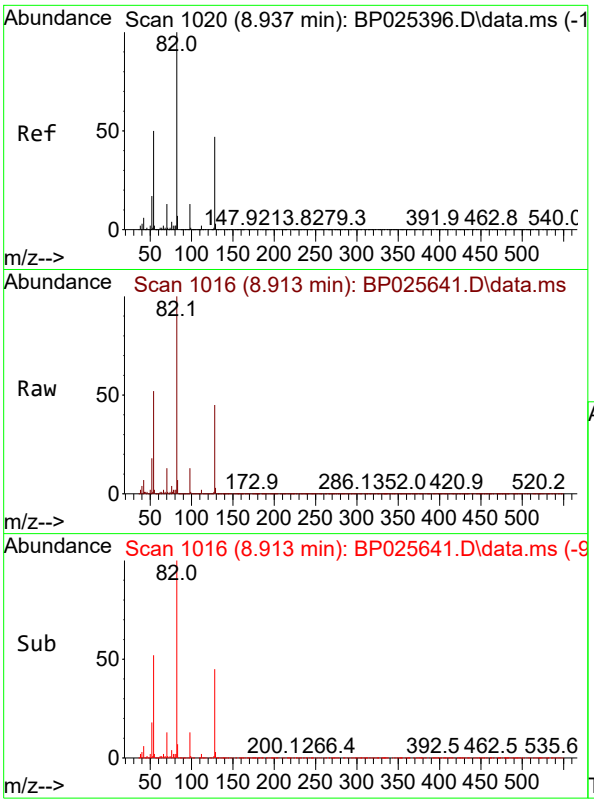


#22
Acetophenone
Concen: 47.971 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:105 Resp: 746925

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.6	4.0#
51	26.9	20.6	30.8
120	21.8	18.6	27.8

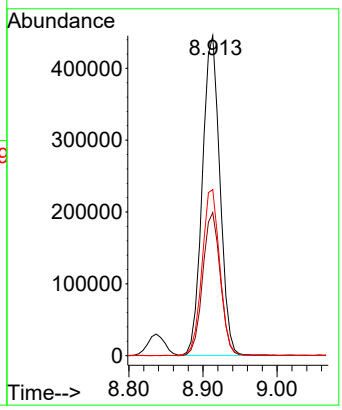




#23
Nitrobenzene-d5
Concen: 59.691 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 82 Resp: 73263

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.7	56.5
54	51.9	39.8	59.6



Instrument :
BNA_P
ClientSampleId :
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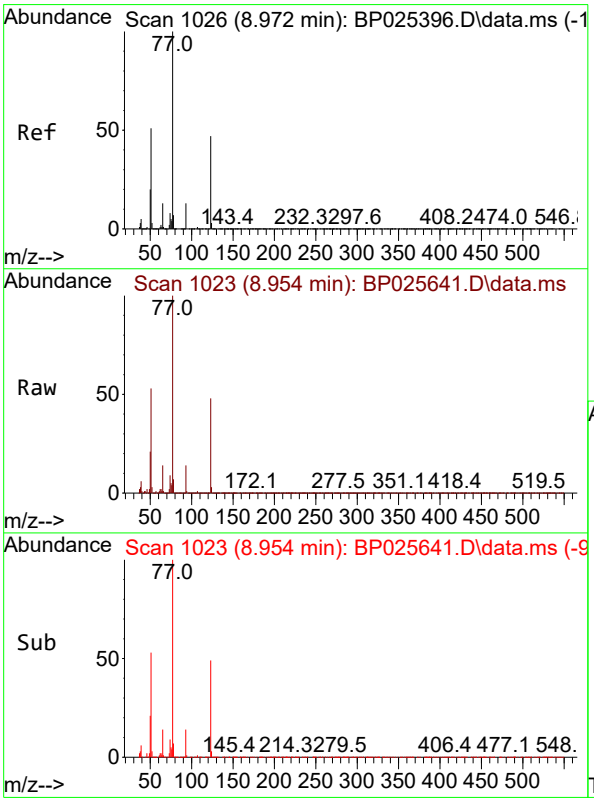
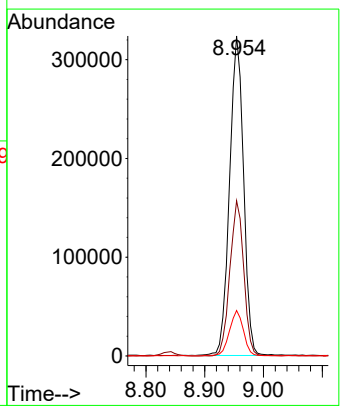
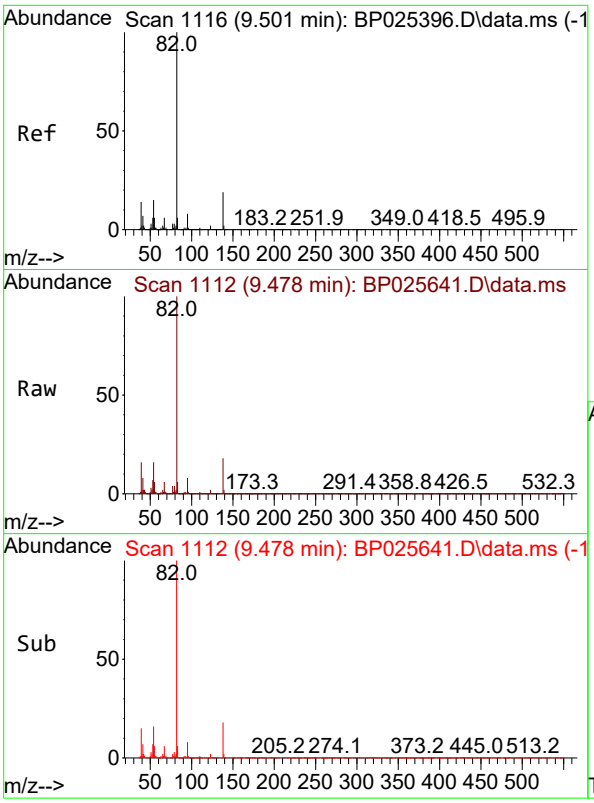


#24
Nitrobenzene
Concen: 48.880 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 77 Resp: 536177

Ion	Ratio	Lower	Upper
77	100		
123	48.5	38.6	58.0
65	14.2	10.6	15.8

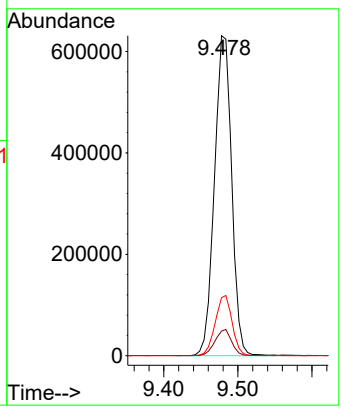




#25
Isophorone
Concen: 46.899 ng
RT: 9.478 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 82 Resp: 101870

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	18.2	15.4	23.0



Instrument :
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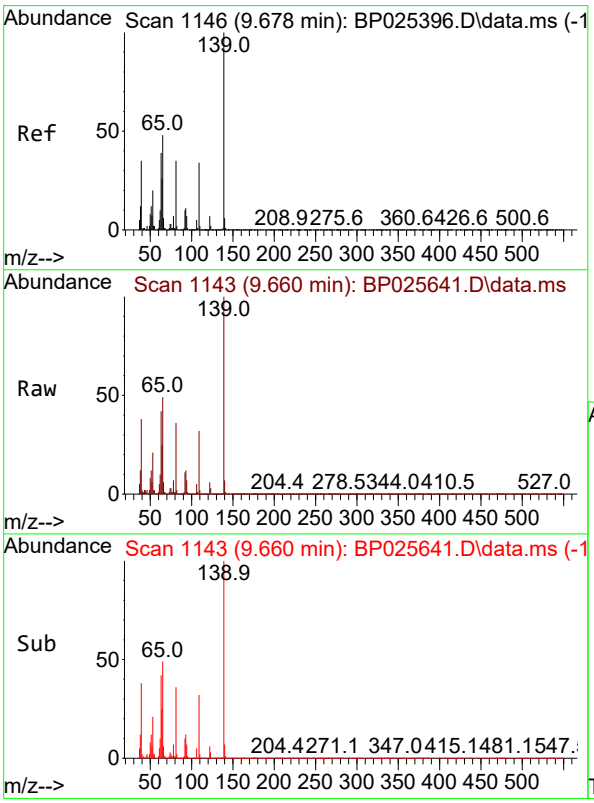
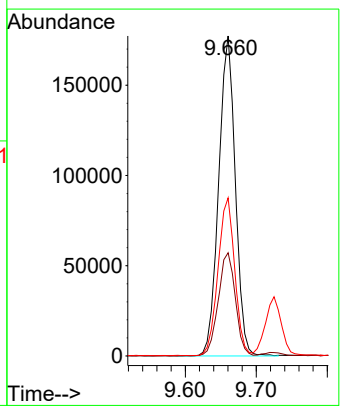
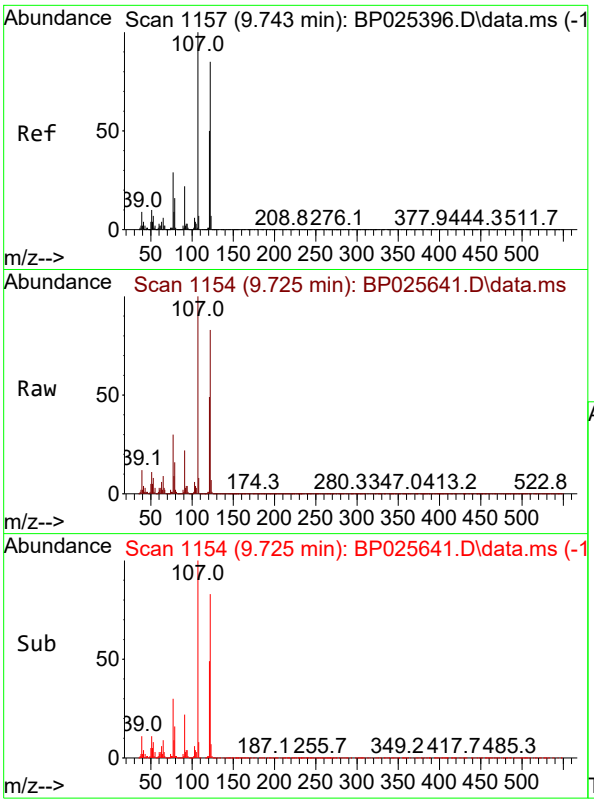


#26
2-Nitrophenol
Concen: 51.064 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:139 Resp: 287462

Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.9	40.3
65	49.4	38.3	57.5

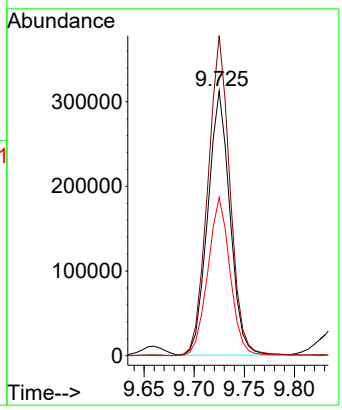




#27
2,4-Dimethylphenol
Concen: 49.582 ng
RT: 9.725 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:122 Resp: 48000

Ion	Ratio	Lower	Upper
122	100		
107	120.9	93.7	140.5
121	59.8	46.6	69.8



Instrument :
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ClientSampleId :
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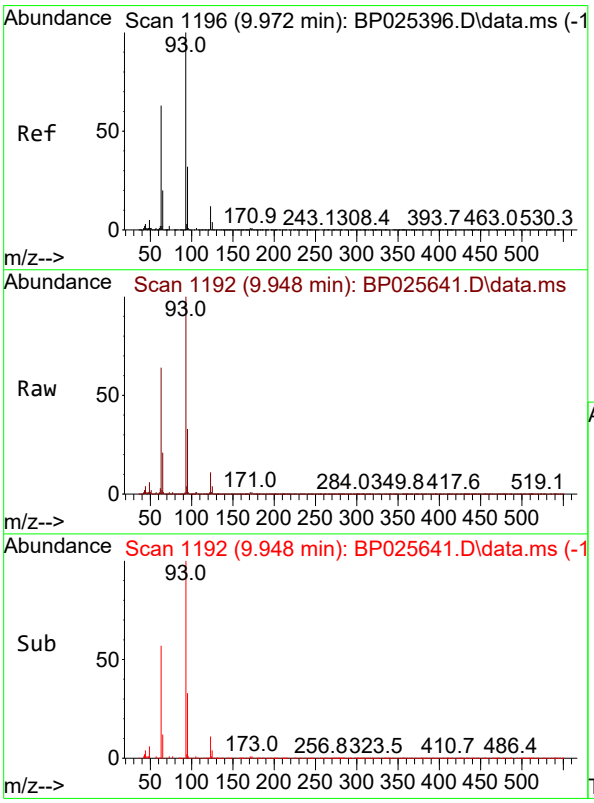
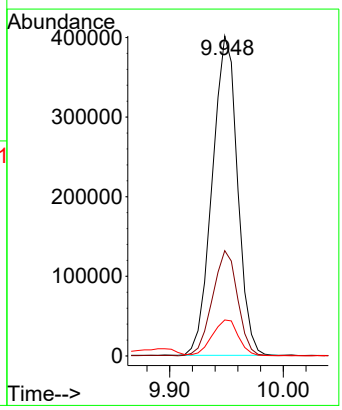
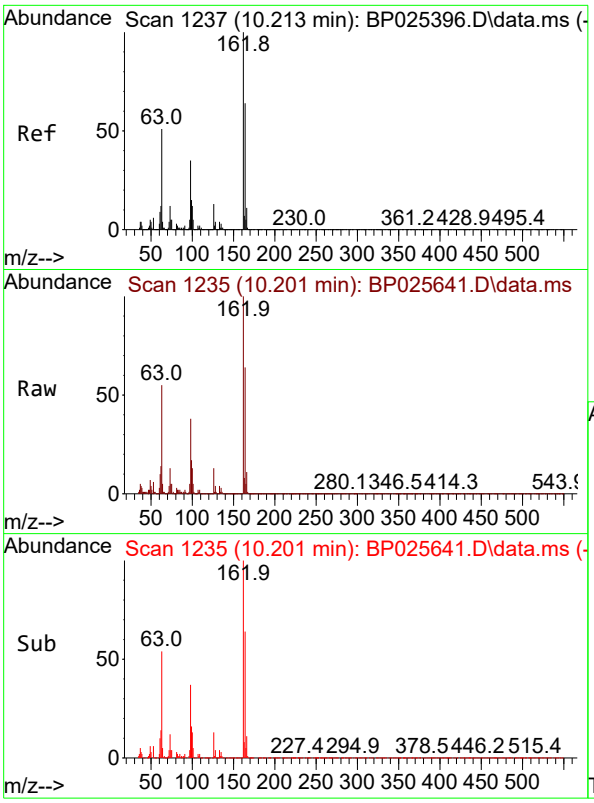


#28
bis(2-Chloroethoxy)methane
Concen: 47.147 ng
RT: 9.948 min Scan# 1192
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 93 Resp: 619050

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	11.2	9.4	14.0

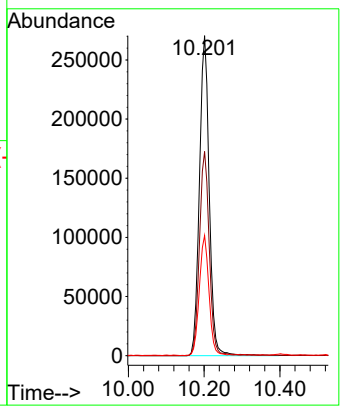




#29
2,4-Dichlorophenol
Concen: 50.595 ng
RT: 10.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:162 Resp: 48657

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.4	84.4
98	37.5	14.9	54.9



Instrument :
BNA_P
ClientSampleId :
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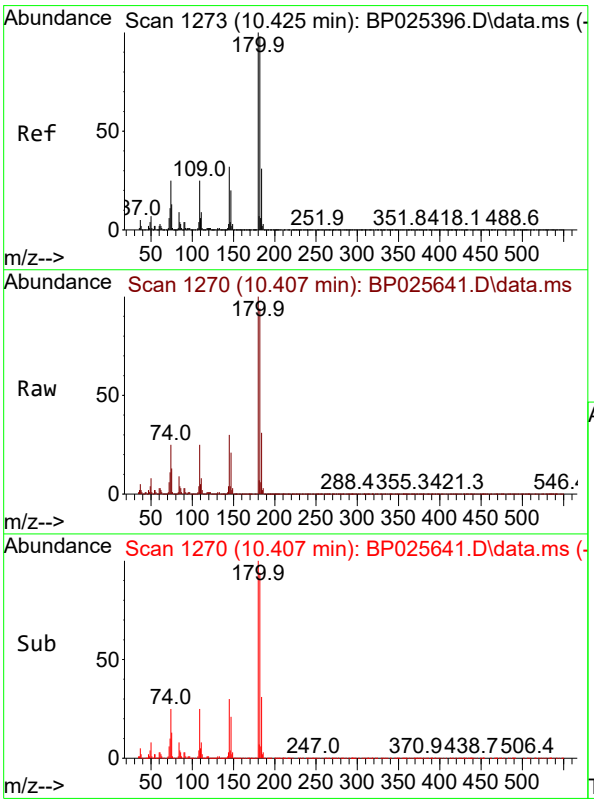
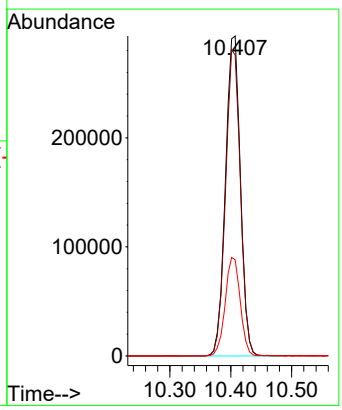
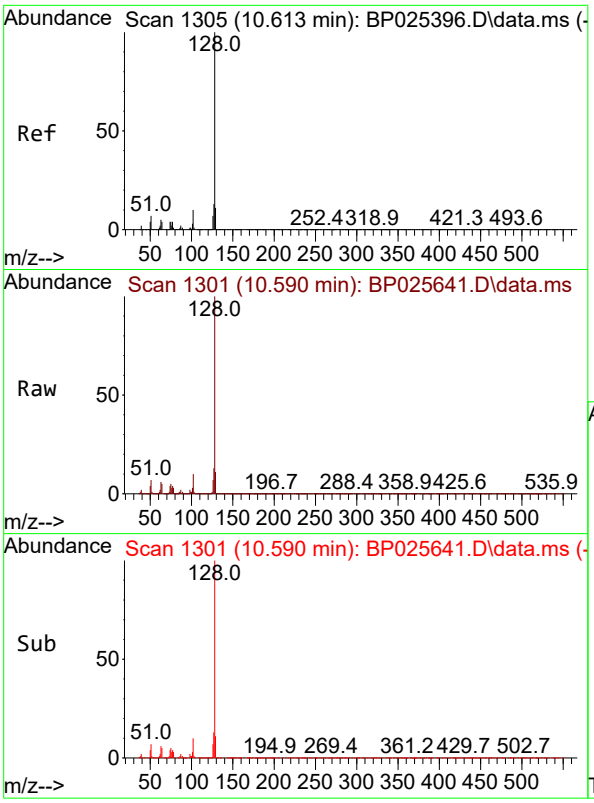


#30
1,2,4-Trichlorobenzene
Concen: 47.466 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:180 Resp: 500410

Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.0	117.0
145	30.1	25.9	38.9

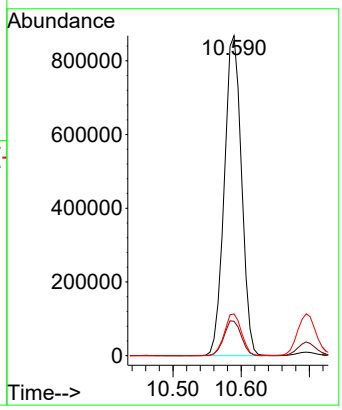




#31
Naphthalene
Concen: 47.195 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:128 Resp: 152300

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.0	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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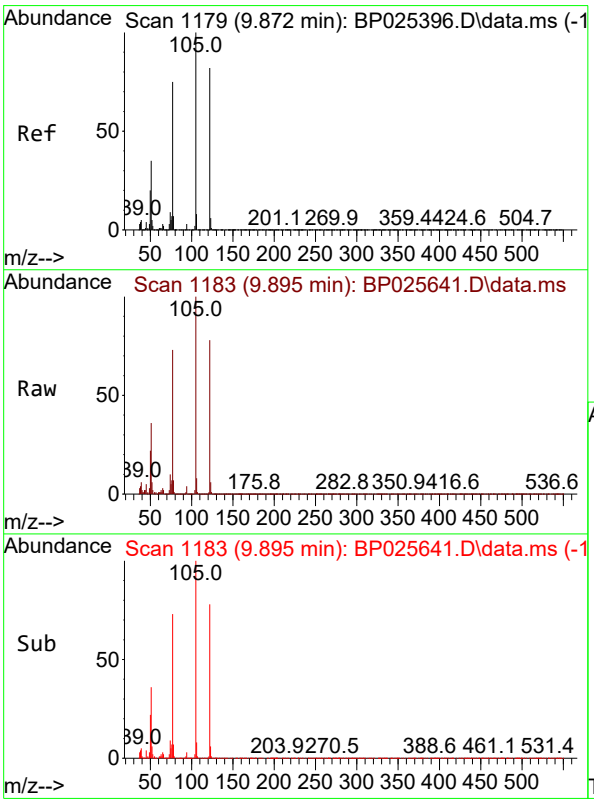
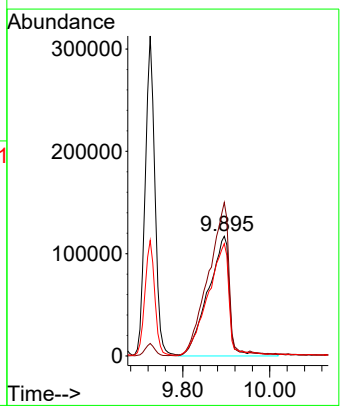
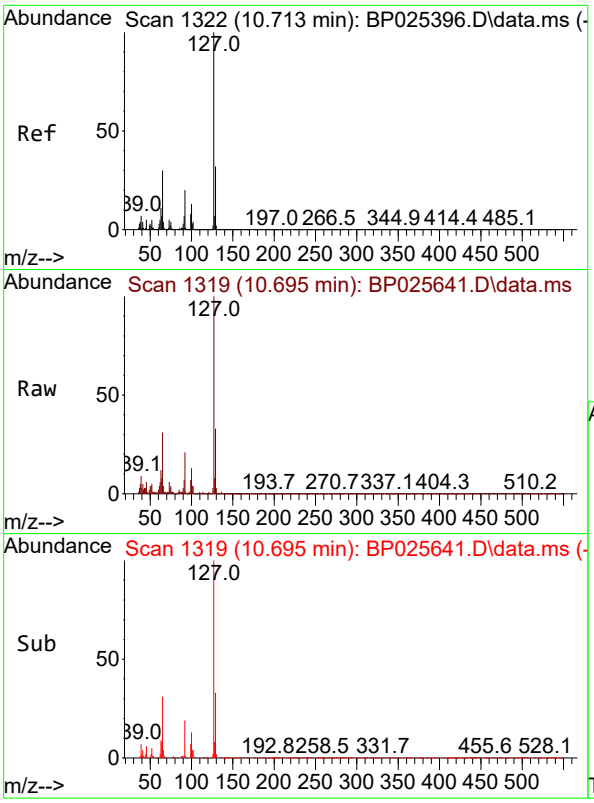


#32
Benzoic acid
Concen: 56.337 ng m
RT: 9.895 min Scan# 1183
Delta R.T. 0.023 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:122 Resp: 402655

Ion	Ratio	Lower	Upper
122	100		
105	128.1	100.6	140.6
77	93.9	71.5	111.5

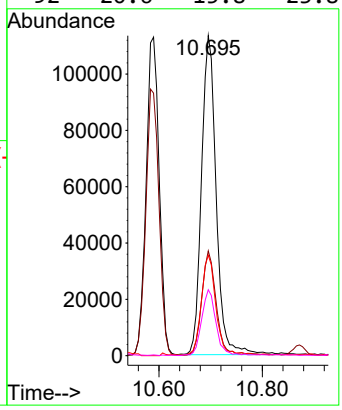




#33
4-Chloroaniline
Concen: 15.711 ng
RT: 10.695 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:127 Resp: 22395

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	31.4	23.8	35.6
92	20.6	15.8	23.8



Instrument :
BNA_P
ClientSampleId :
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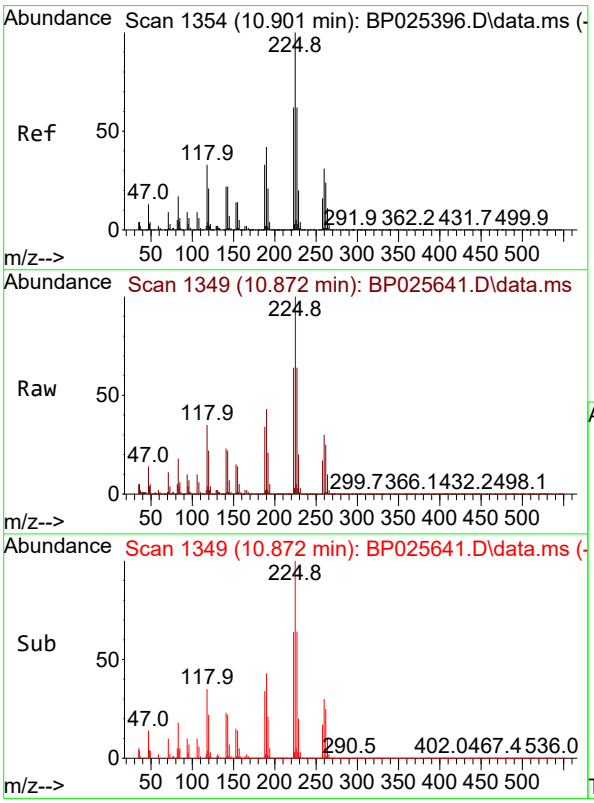
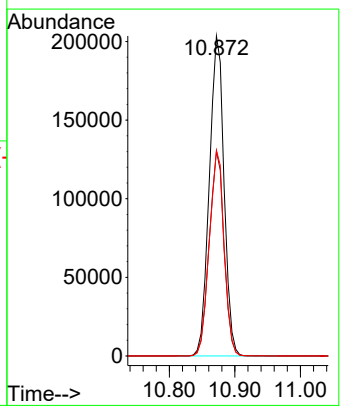
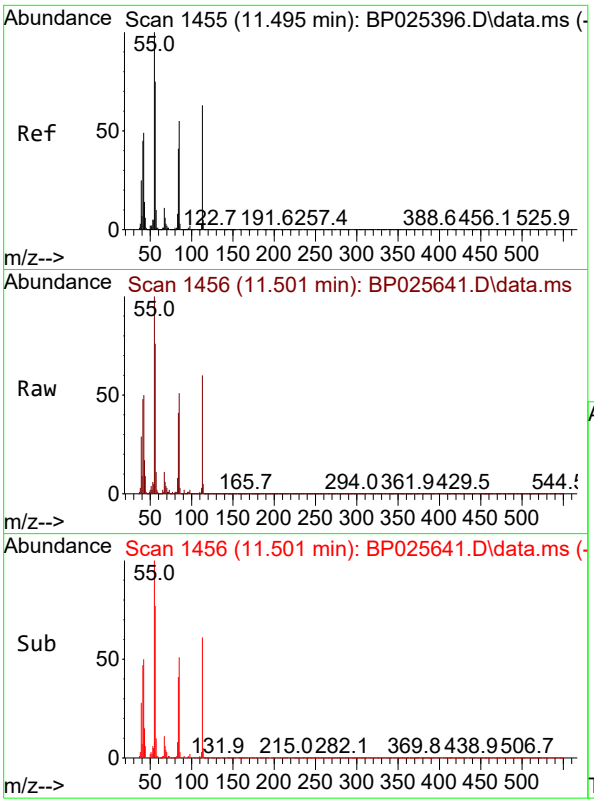


#34
Hexachlorobutadiene
Concen: 48.263 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:225 Resp: 316873

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	64.3	49.7	74.5

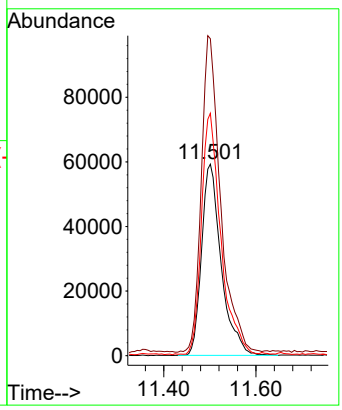




#35
Caprolactam
Concen: 49.809 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:113 Resp: 17564

Ion	Ratio	Lower	Upper
113	100		
55	165.5	140.0	180.0
56	126.5	100.0	140.0



Instrument :
BNA_P
ClientSampleId :
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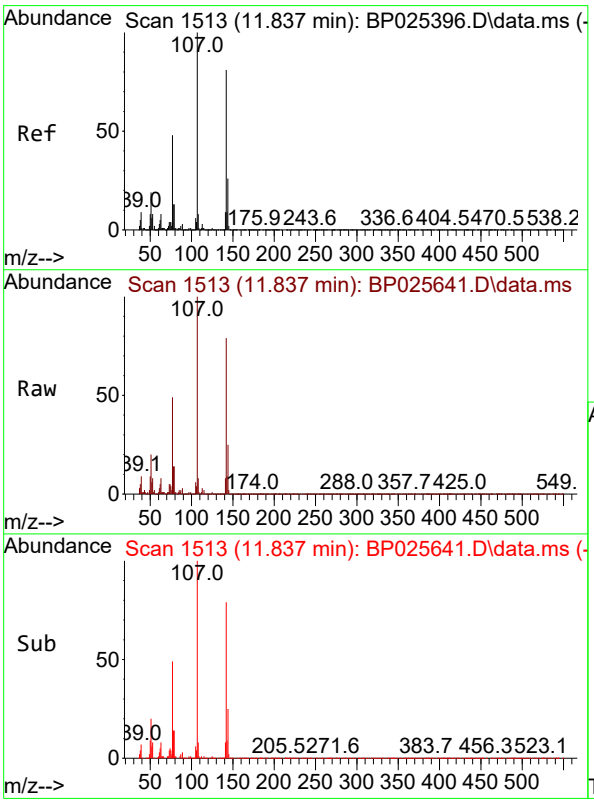
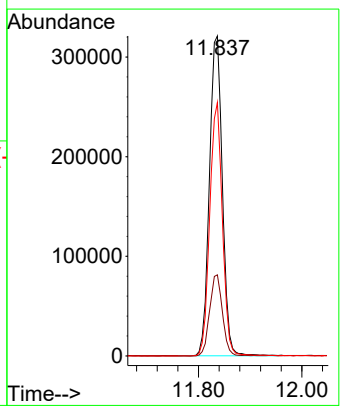
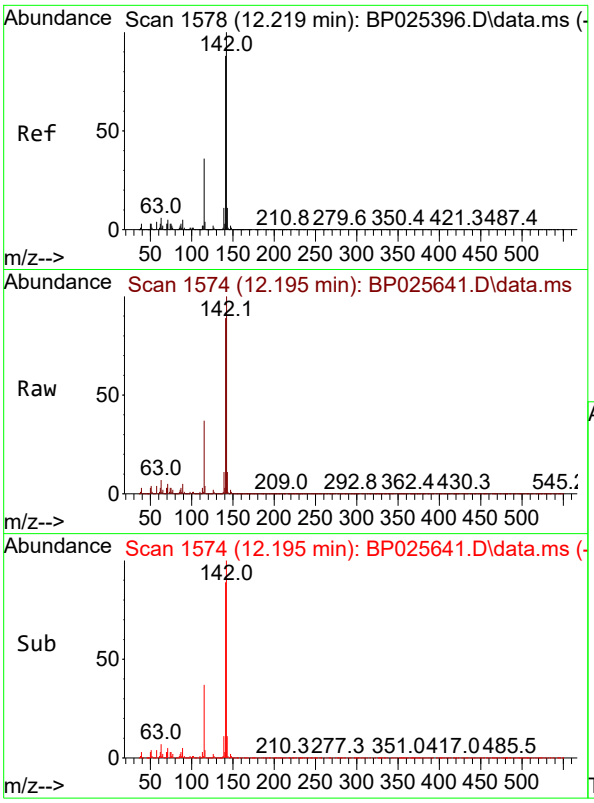


#36
4-Chloro-3-methylphenol
Concen: 50.576 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:107 Resp: 558120

Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.0	31.4
142	79.2	64.6	97.0

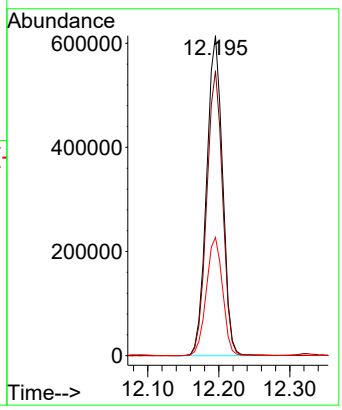




#37
2-Methylnaphthalene
Concen: 45.668 ng
RT: 12.195 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:142 Resp: 95904

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.0	28.9	43.3



Instrument :
BNA_P
ClientSampleId :
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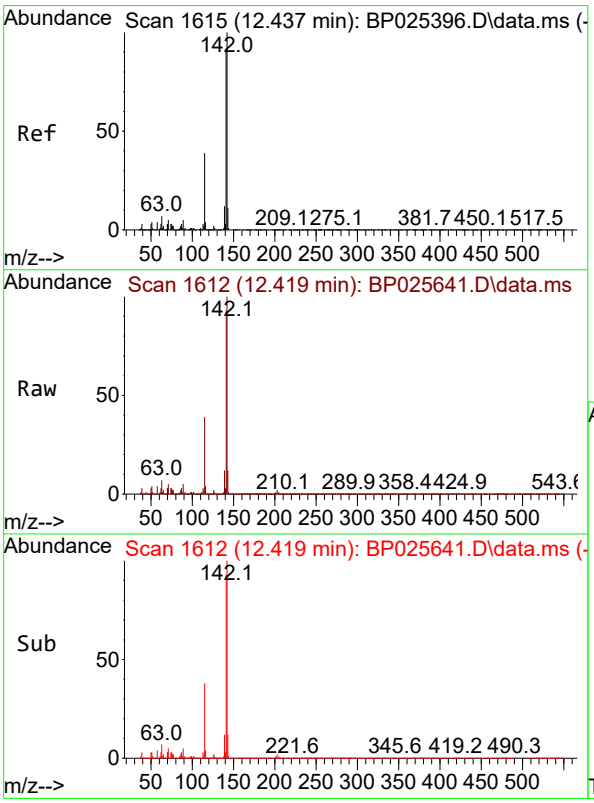
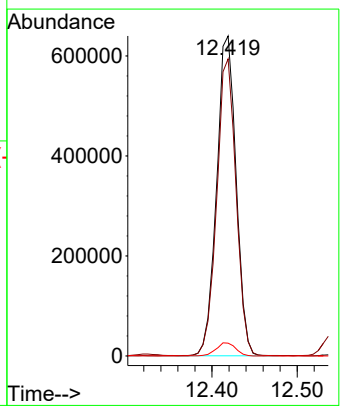
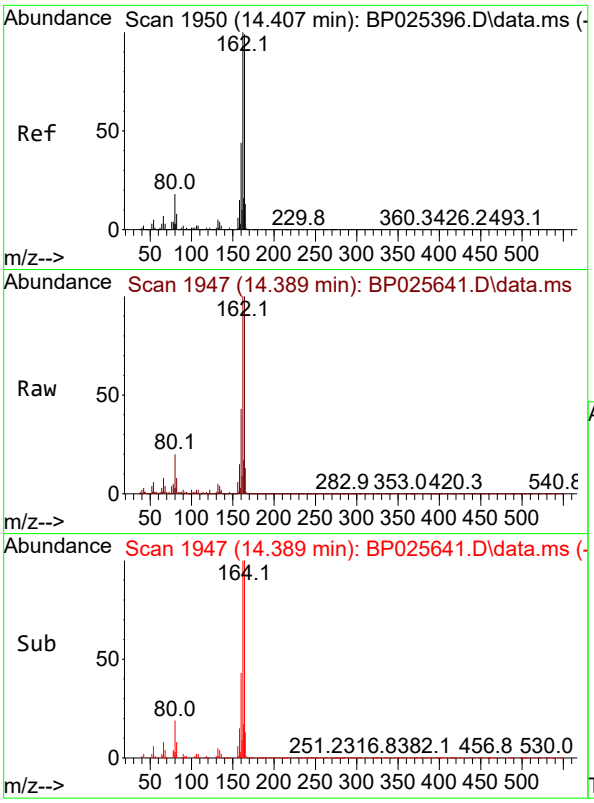


#38
1-Methylnaphthalene
Concen: 45.496 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:142 Resp: 1016081

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.1	109.7
116	4.0	3.2	4.8

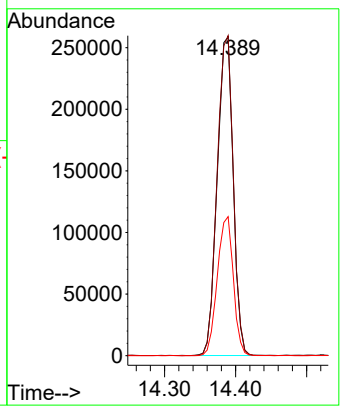




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:164 Resp: 40267

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	43.6	35.4	53.2



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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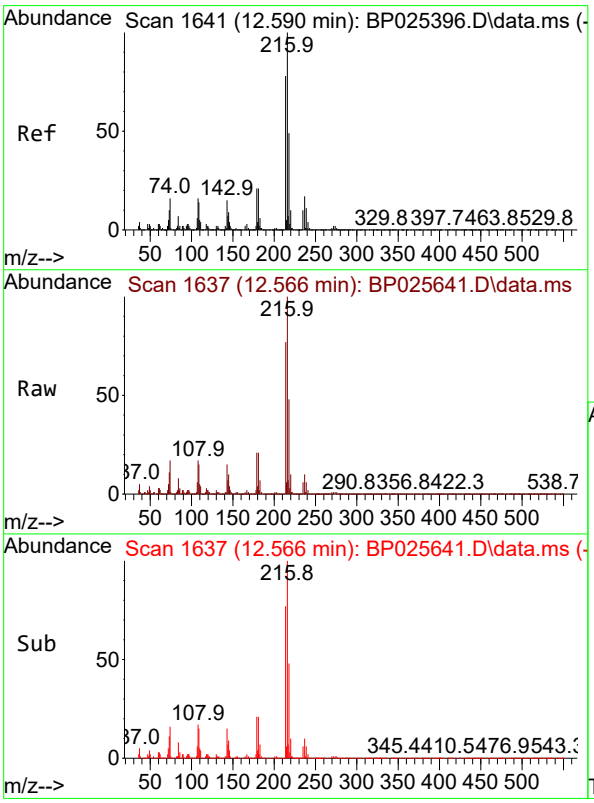
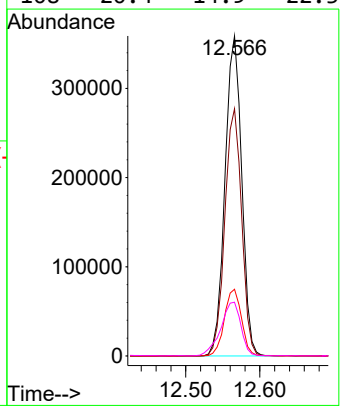
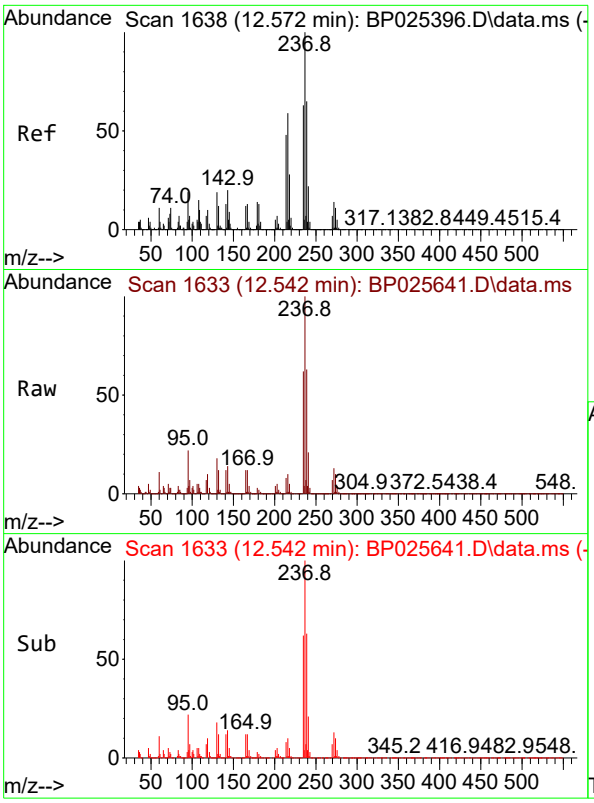


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.324 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:216 Resp: 561998

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	21.4	17.1	25.7
108	20.4	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 88.326 ng
RT: 12.542 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Tgt Ion:237 Resp: 62047

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.7	82.7
272	13.0	0.0	34.0

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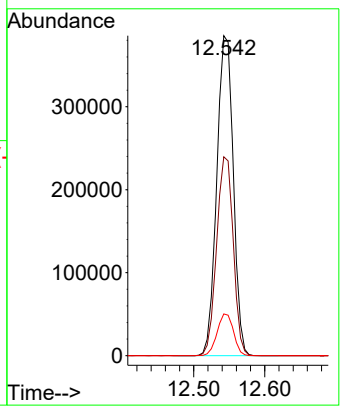
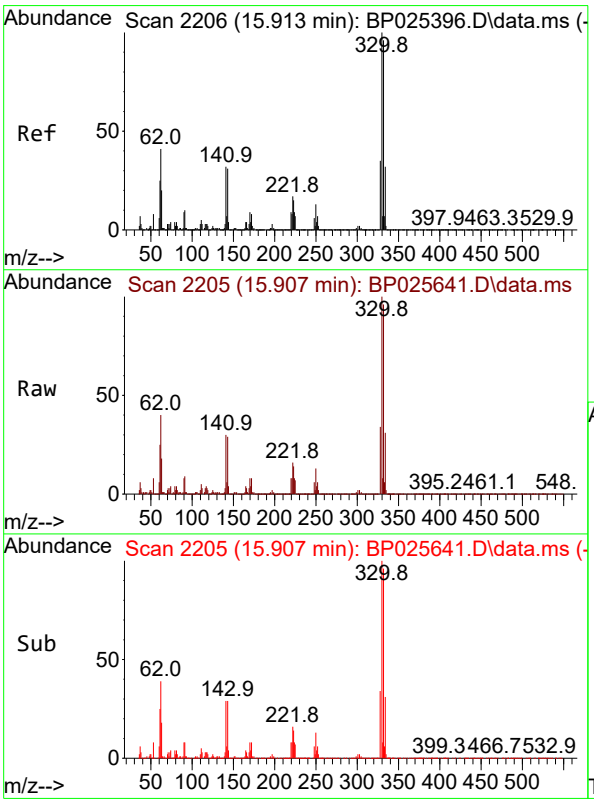
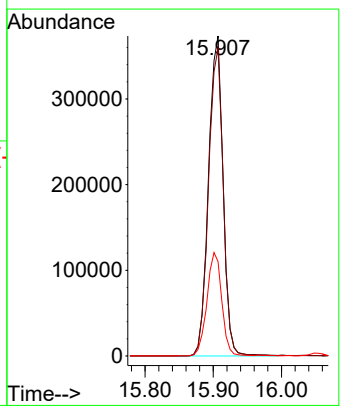


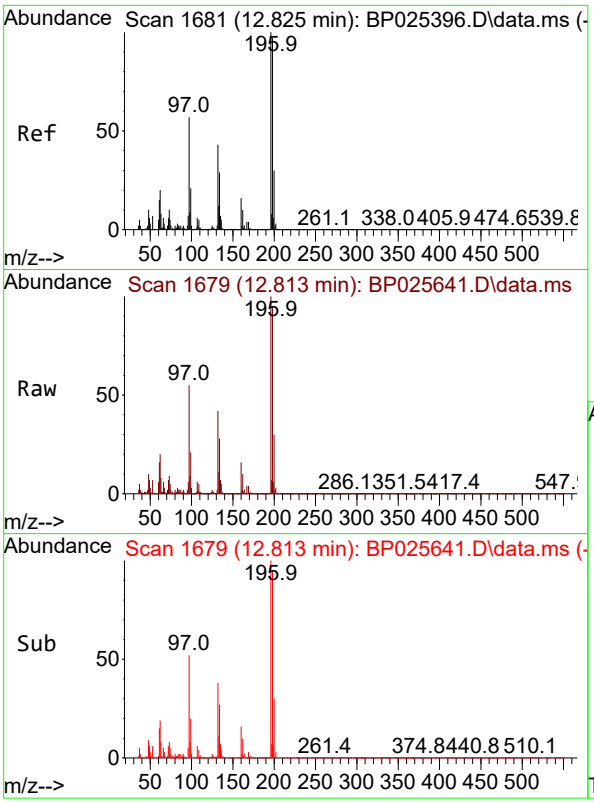


#42
2,4,6-Tribromophenol
Concen: 102.522 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:330 Resp: 555675

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.8	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 50.429 ng
RT: 12.813 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:196 Resp: 39593

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
200	30.3	23.9	35.9

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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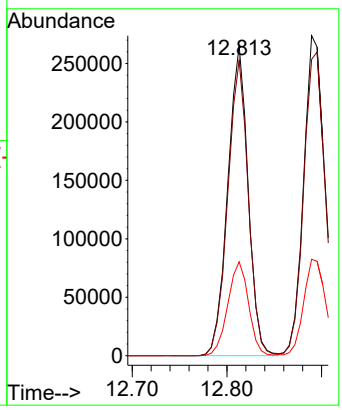
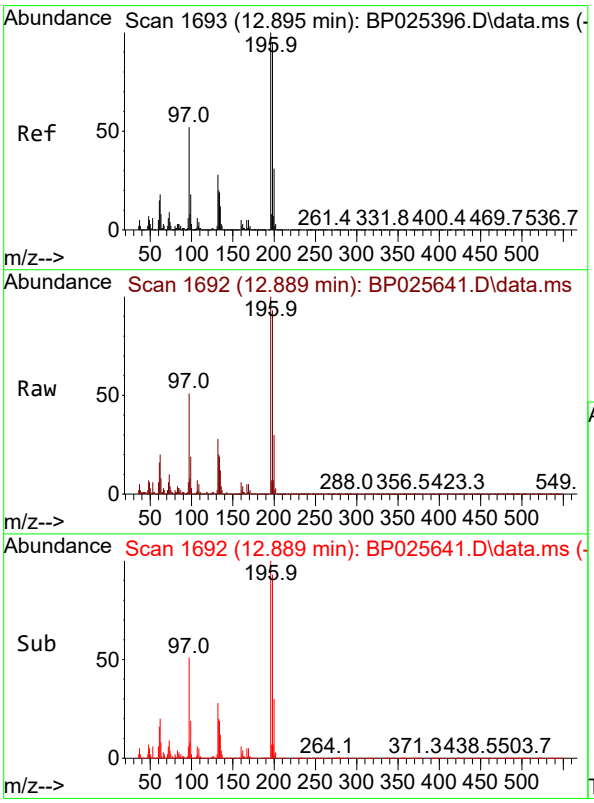
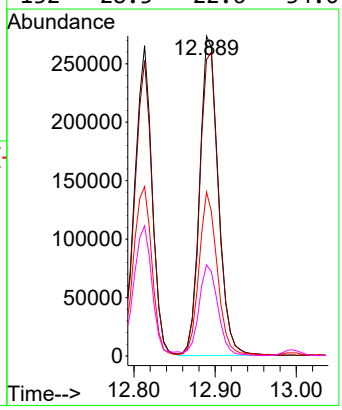


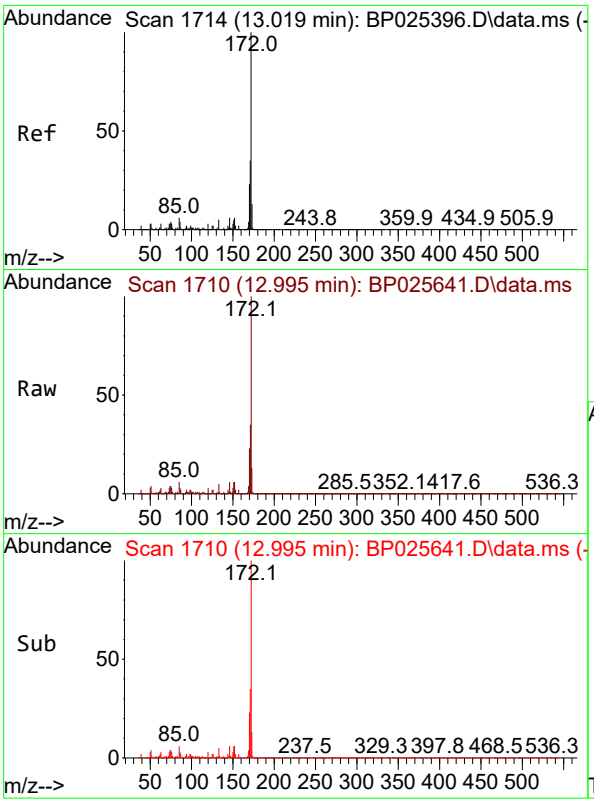


#44
2,4,5-Trichlorophenol
Concen: 50.639 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:196 Resp: 435744

Ion	Ratio	Lower	Upper
196	100		
198	92.6	76.2	114.2
97	51.2	41.2	61.8
132	28.5	22.6	34.0

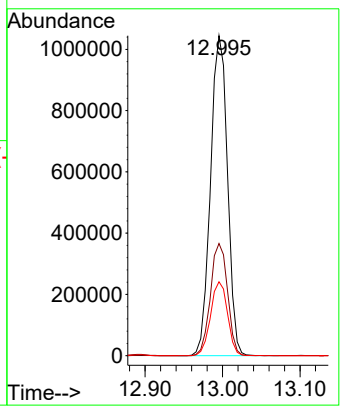




#45
2-Fluorobiphenyl
Concen: 53.893 ng
RT: 12.995 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:172 Resp: 158790

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.1	18.6	28.0



Instrument :
BNA_P
ClientSampleId :
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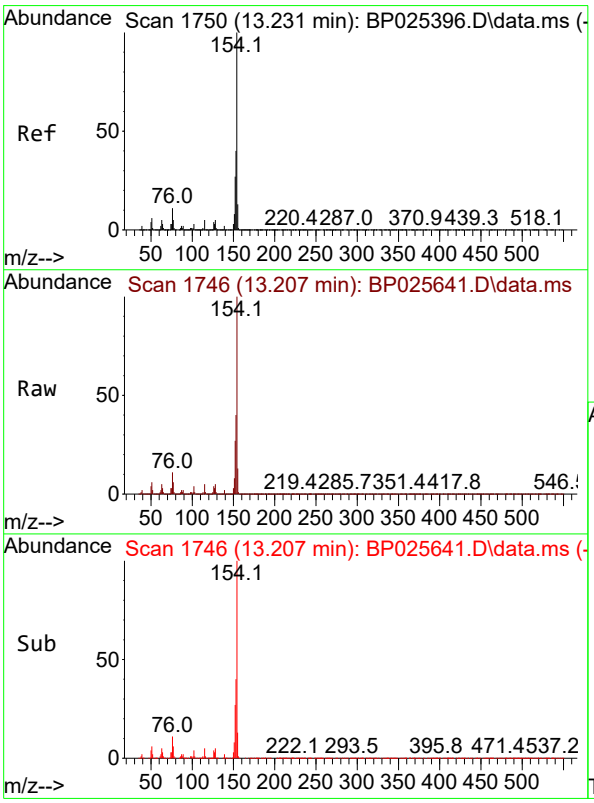
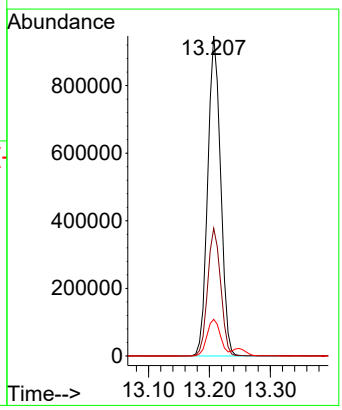
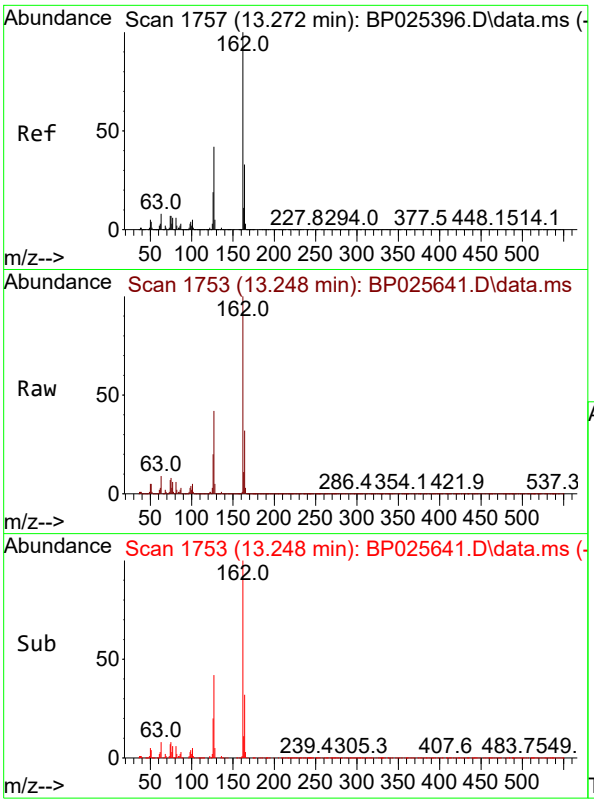


#46
1,1'-Biphenyl
Concen: 47.661 ng
RT: 13.207 min Scan# 1746
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:154 Resp: 1393830

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	11.5	0.0	31.1

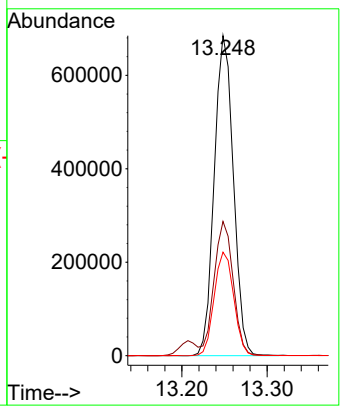




#47
2-Chloronaphthalene
Concen: 46.956 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:162 Resp: 106903

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.4	50.2
164	32.4	26.2	39.2



Instrument :
BNA_P
ClientSampleId :
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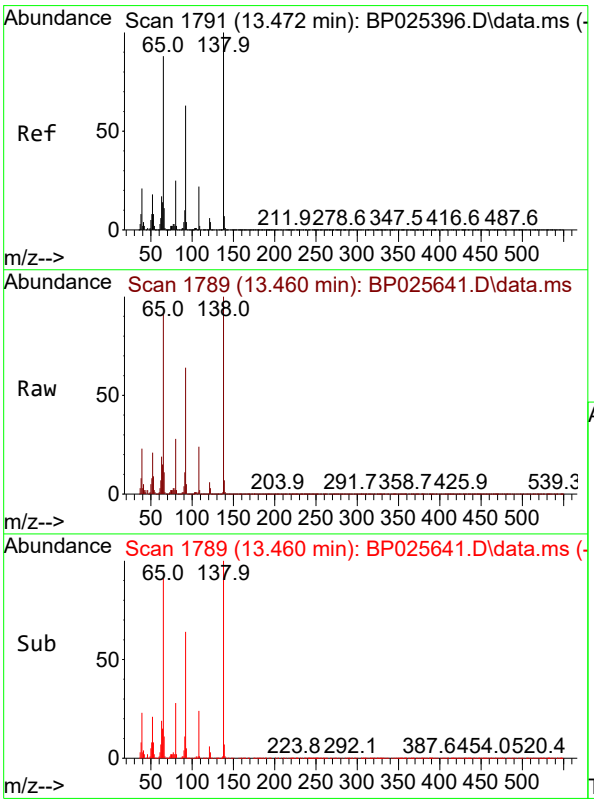
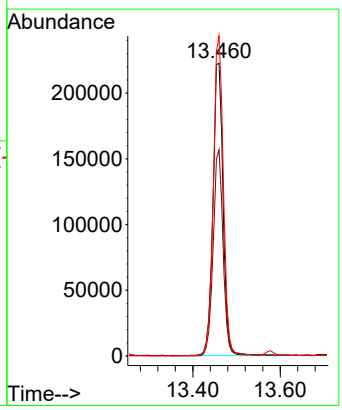
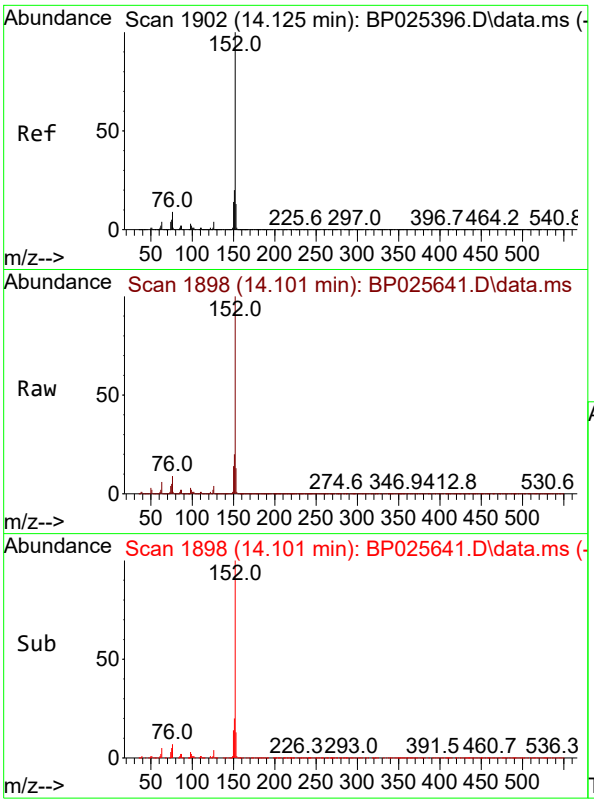


#48
2-Nitroaniline
Concen: 54.232 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 65 Resp: 359757

Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.6	86.4
138	109.3	91.0	136.6

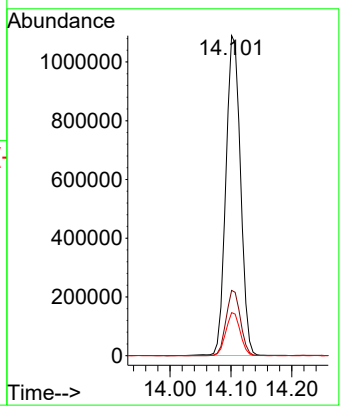




#49
Acenaphthylene
Concen: 48.293 ng
RT: 14.101 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:152 Resp: 181933

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.5	10.6	15.8



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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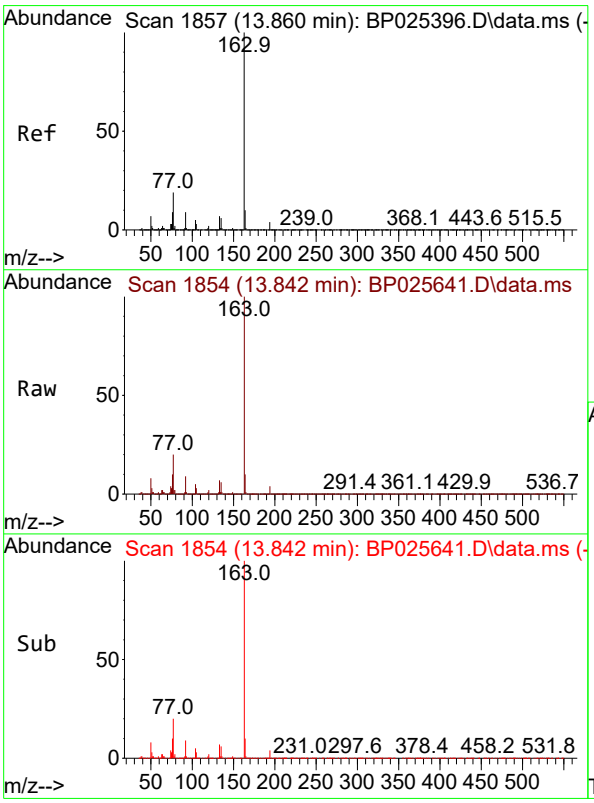
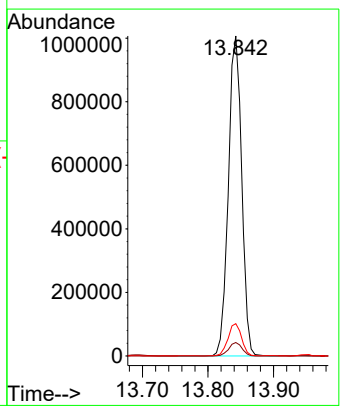
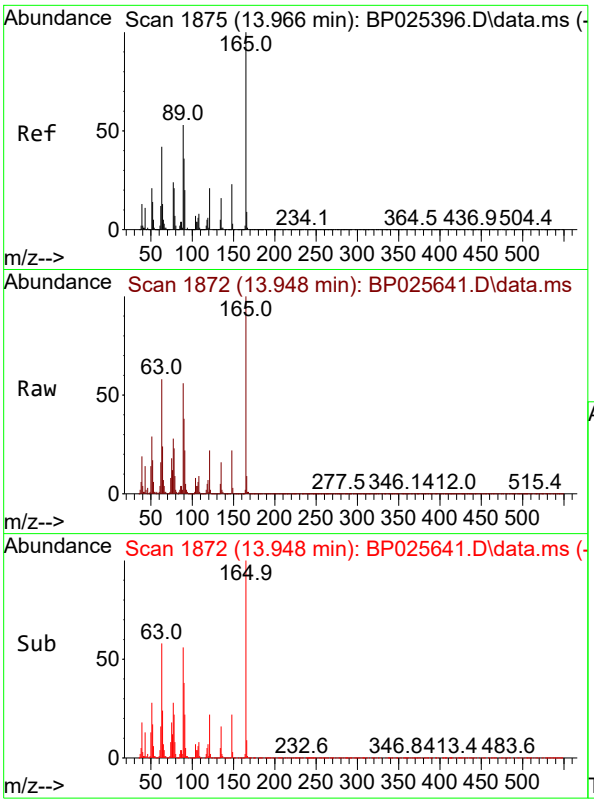


#50
Dimethylphthalate
Concen: 48.199 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:163 Resp: 1421262

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 50.611 ng
RT: 13.948 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:165 Resp: 31455

Ion	Ratio	Lower	Upper
165	100		
63	57.6	40.9	61.3
89	55.8	42.1	63.1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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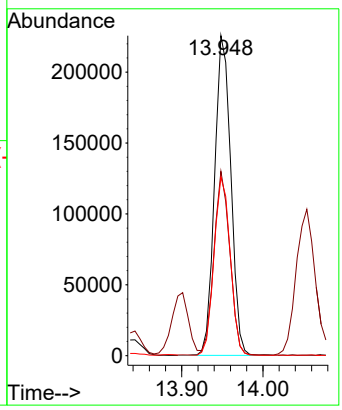
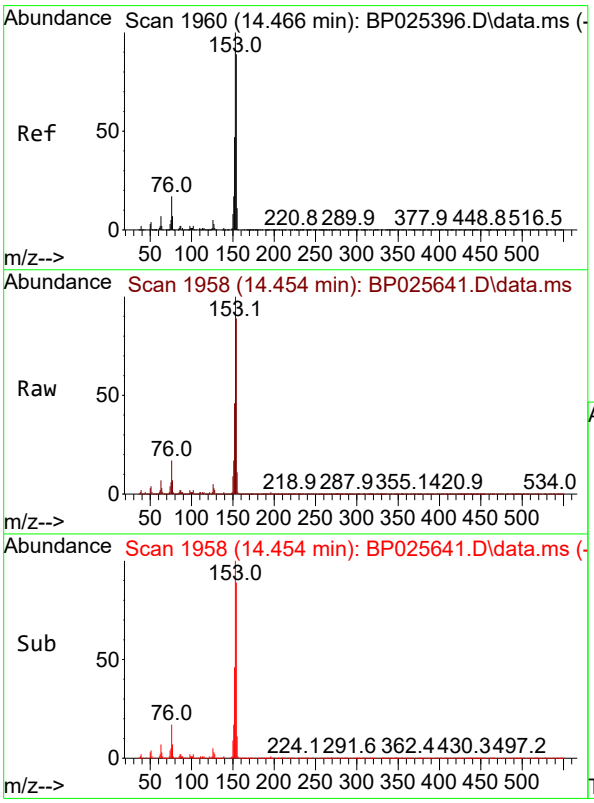
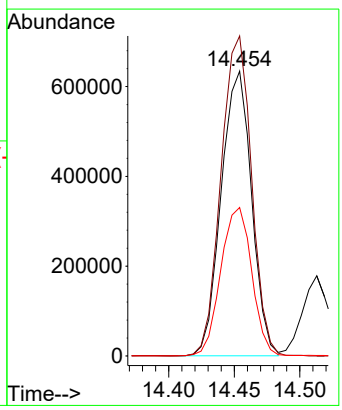


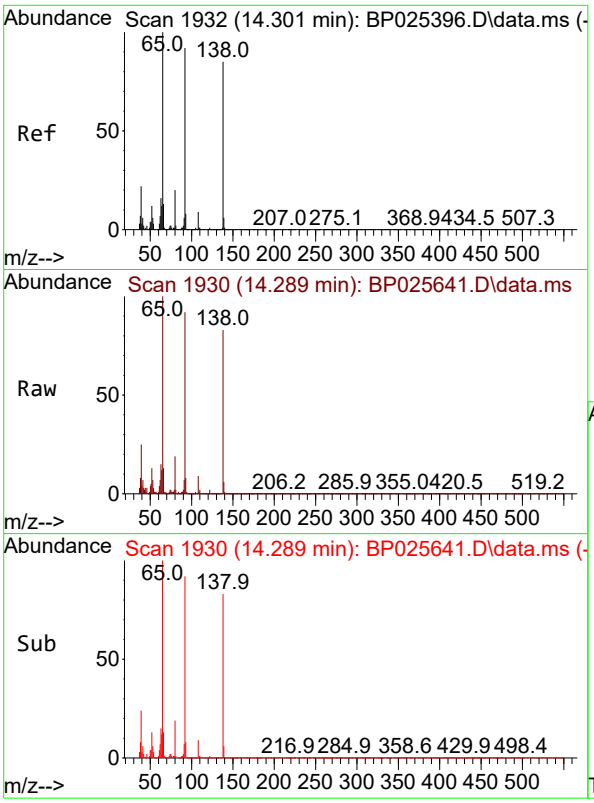


#52
Acenaphthene
Concen: 46.192 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:154 Resp: 1021442

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.2	135.2
152	52.1	42.1	63.1

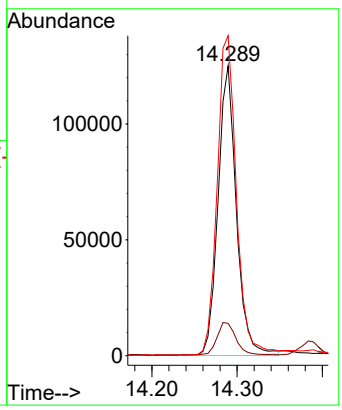




#53
3-Nitroaniline
Concen: 26.766 ng
RT: 14.289 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:138 Resp: 18716

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.3	12.5
92	110.4	86.2	129.2



Instrument :
BNA_P
ClientSampleId :
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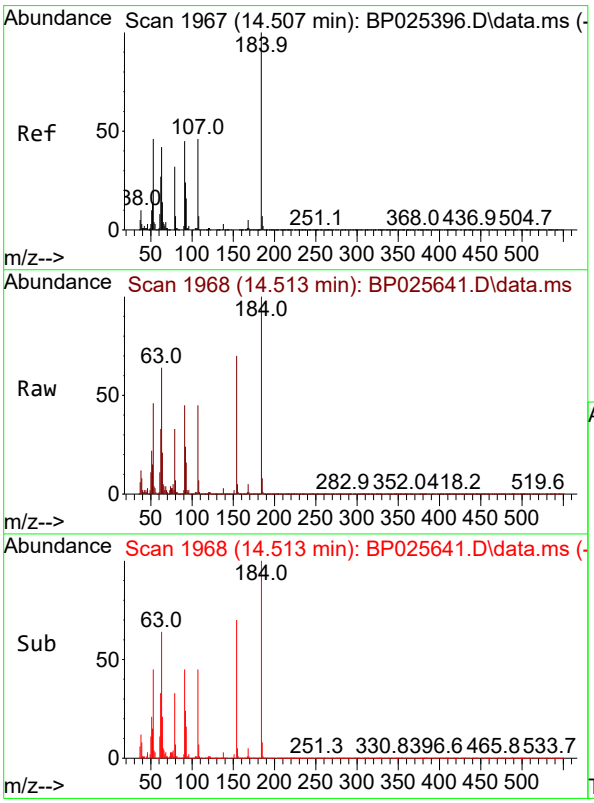
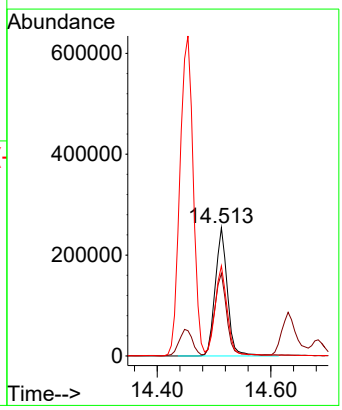
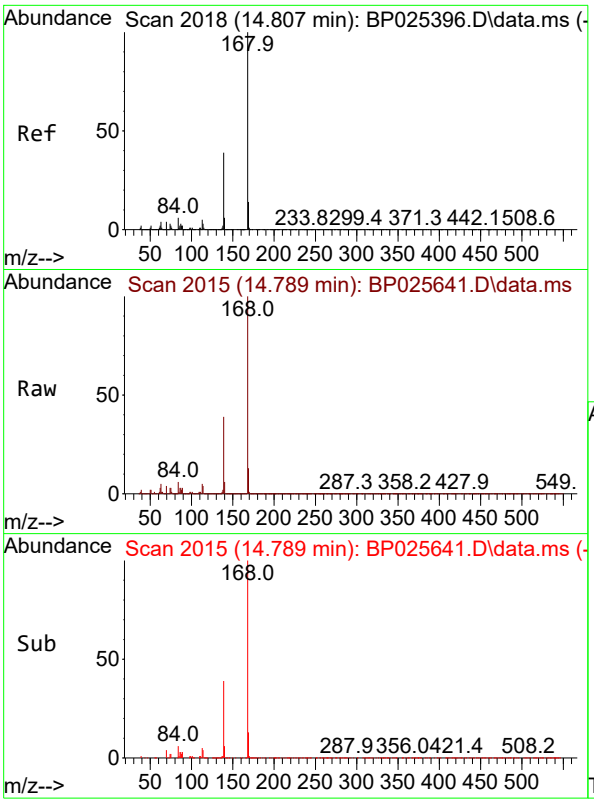


#54
2,4-Dinitrophenol
Concen: 114.163 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:184 Resp: 378915

Ion	Ratio	Lower	Upper
184	100		
63	64.4	49.4	74.2
154	70.2	54.6	82.0

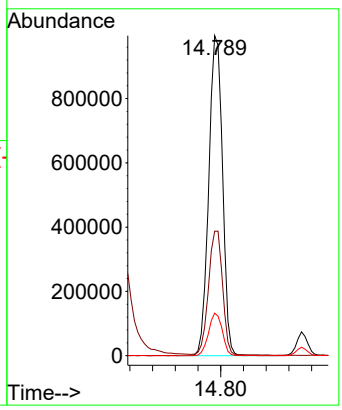




#55
Dibenzofuran
Concen: 47.731 ng
RT: 14.789 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:168 Resp: 166870

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.5	47.3
169	13.3	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
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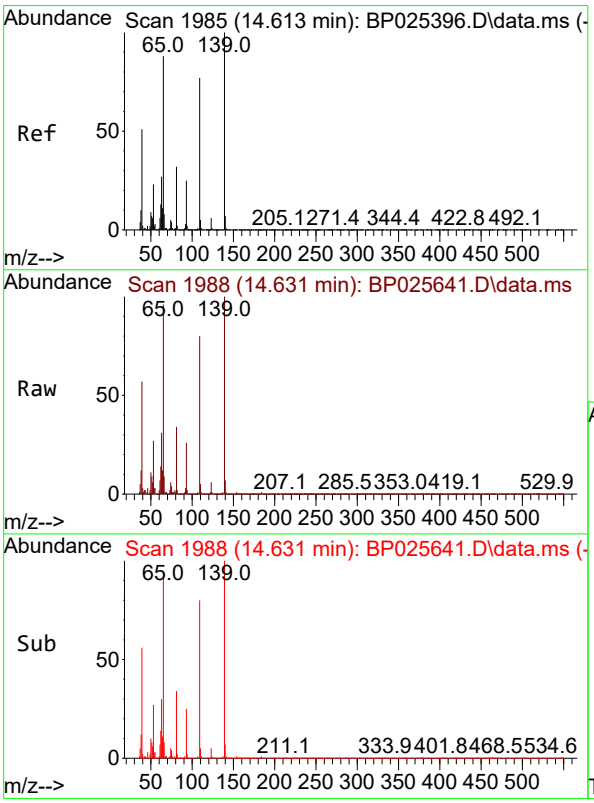
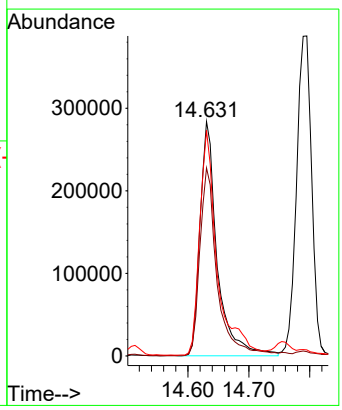
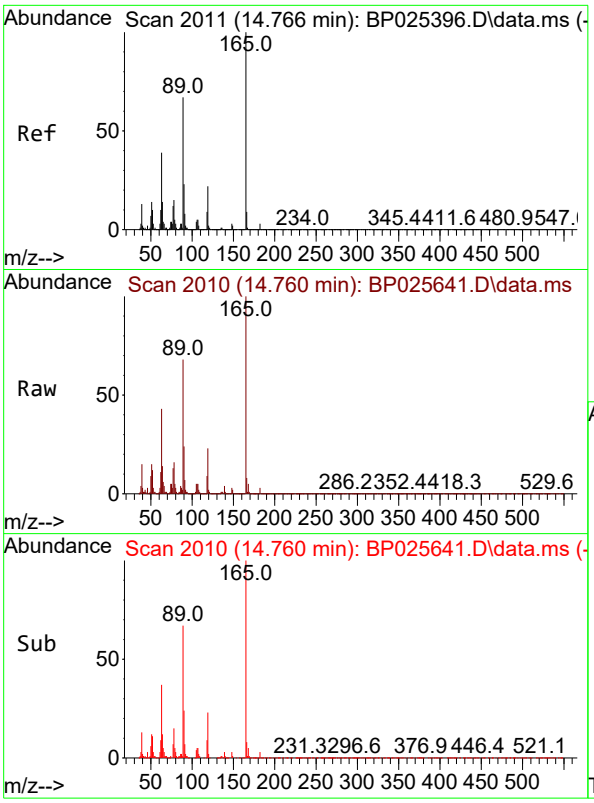


#56
4-Nitrophenol
Concen: 97.025 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:139 Resp: 557517

Ion	Ratio	Lower	Upper
139	100		
109	80.2	56.6	96.6
65	96.1	68.2	108.2

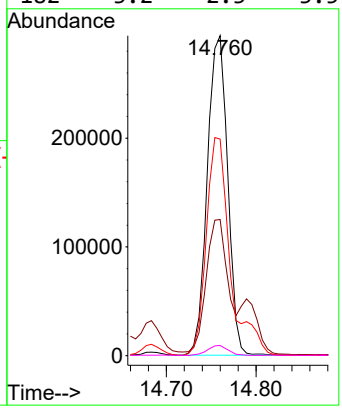




#57
2,4-Dinitrotoluene
Concen: 52.217 ng
RT: 14.760 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:165 Resp: 46303

Ion	Ratio	Lower	Upper
165	100		
63	42.6	31.4	47.2
89	67.7	53.3	79.9
182	3.2	2.3	3.5



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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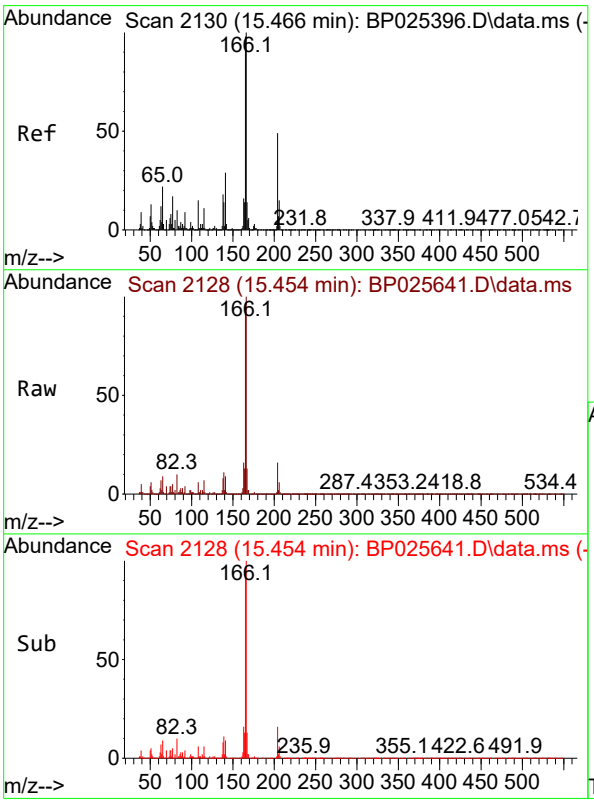
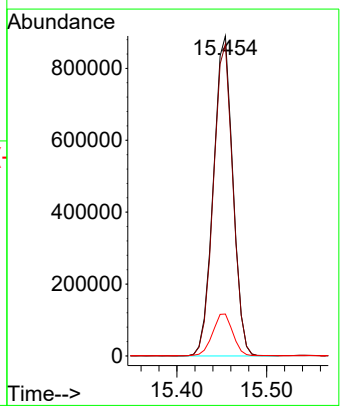
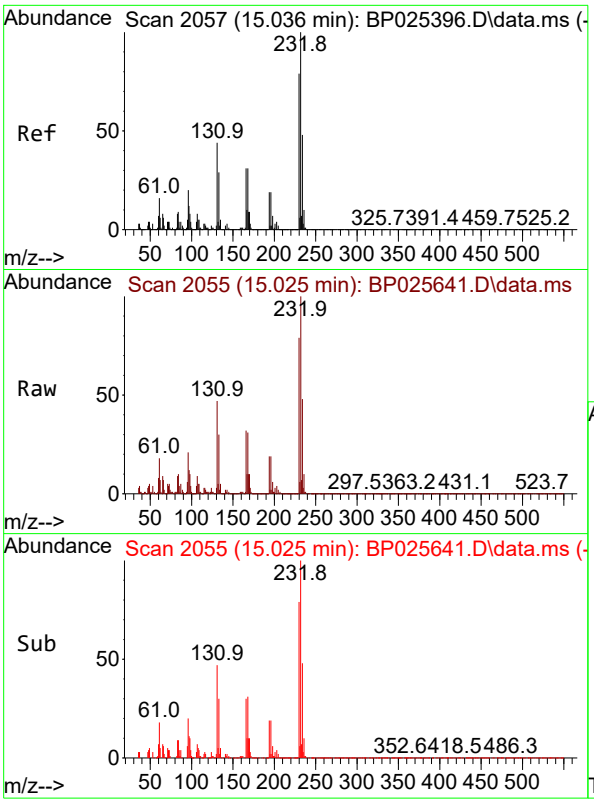


#58
Fluorene
Concen: 48.656 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:166 Resp: 1342240

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.1	11.0	16.4

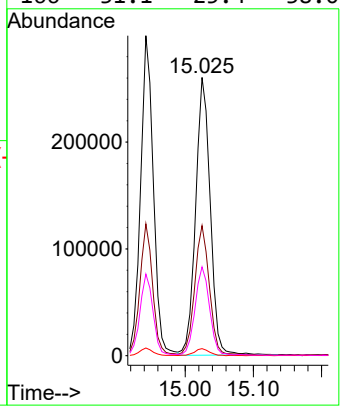




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.869 ng
RT: 15.025 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:232 Resp: 38649

Ion	Ratio	Lower	Upper
232	100		
131	46.8	37.0	55.6
130	2.7	1.9	2.9
166	31.1	25.4	38.0



Instrument :
BNA_P
ClientSampleId :
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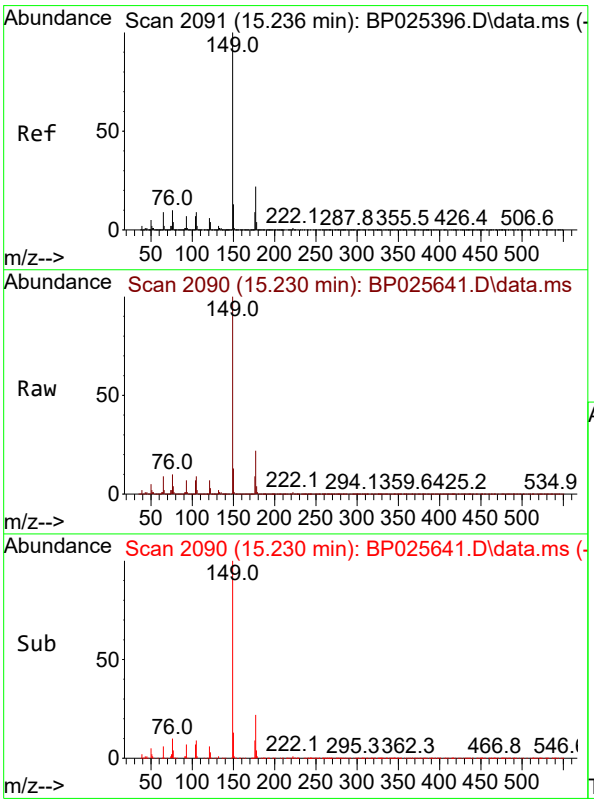
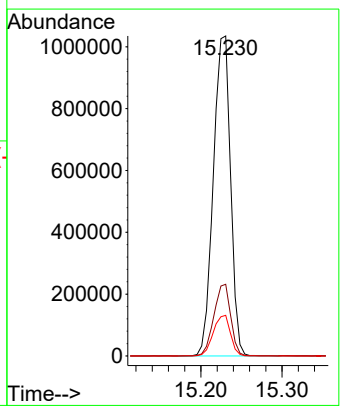
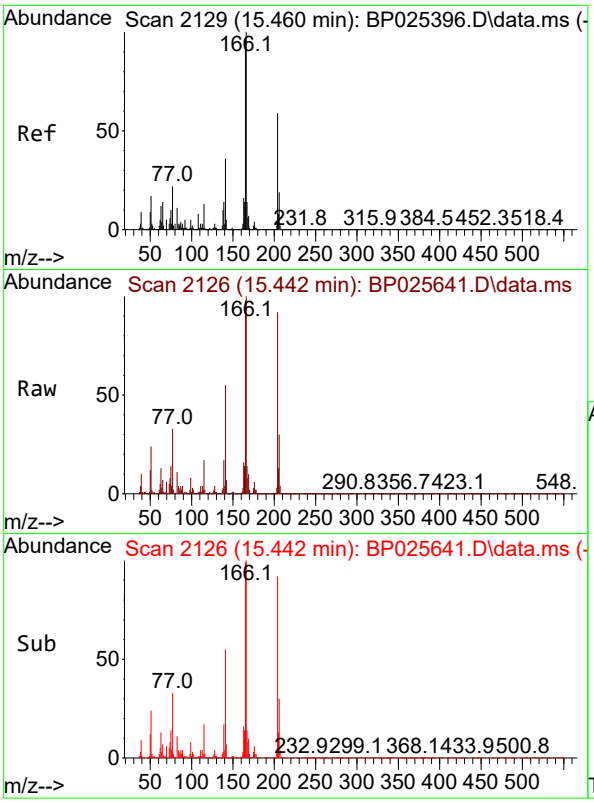


#60
Diethylphthalate
Concen: 50.855 ng
RT: 15.230 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1523749

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.3	25.9
150	12.7	10.3	15.5

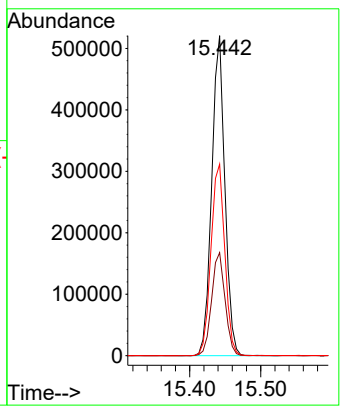




#61
4-Chlorophenyl-phenylether
Concen: 48.686 ng
RT: 15.442 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:204 Resp: 66796

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.8
141	59.9	49.4	74.2



Instrument :
BNA_P
ClientSampleId :
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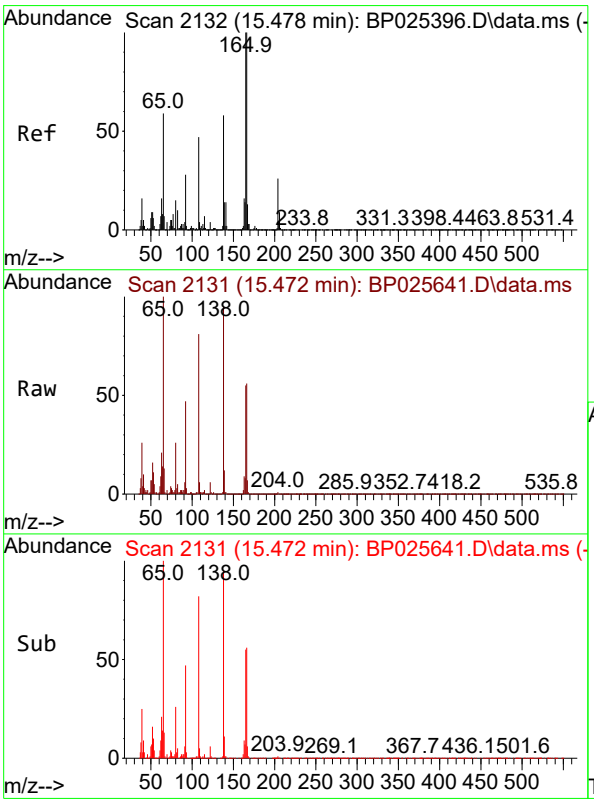
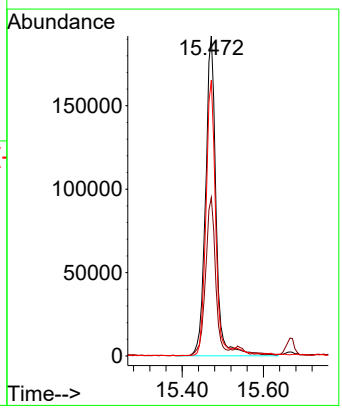
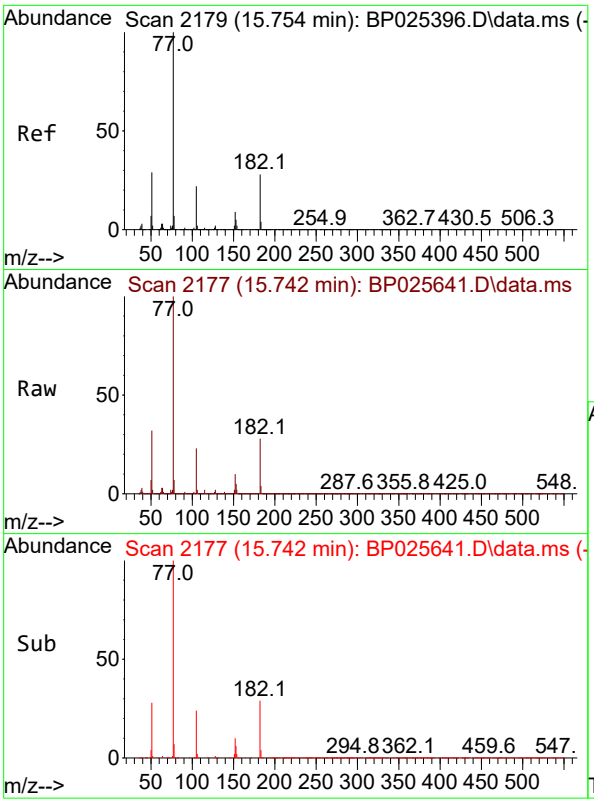


#62
4-Nitroaniline
Concen: 47.988 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:138 Resp: 344008

Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.1	69.1
108	86.2	61.5	101.5

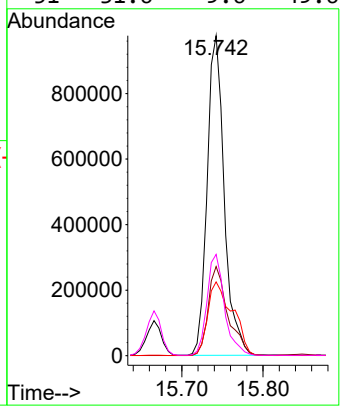




#63
Azobenzene
Concen: 55.606 ng
RT: 15.742 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion: 77 Resp: 142660

Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.5	47.5
105	23.1	2.1	42.1
51	31.6	9.6	49.6



Instrument :
BNA_P
ClientSampleId :
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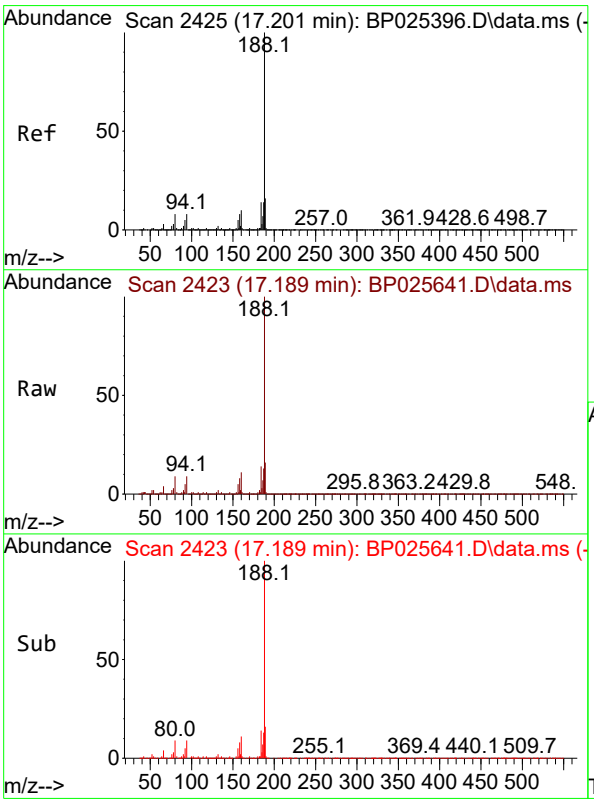
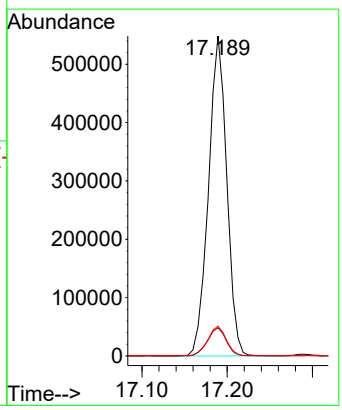
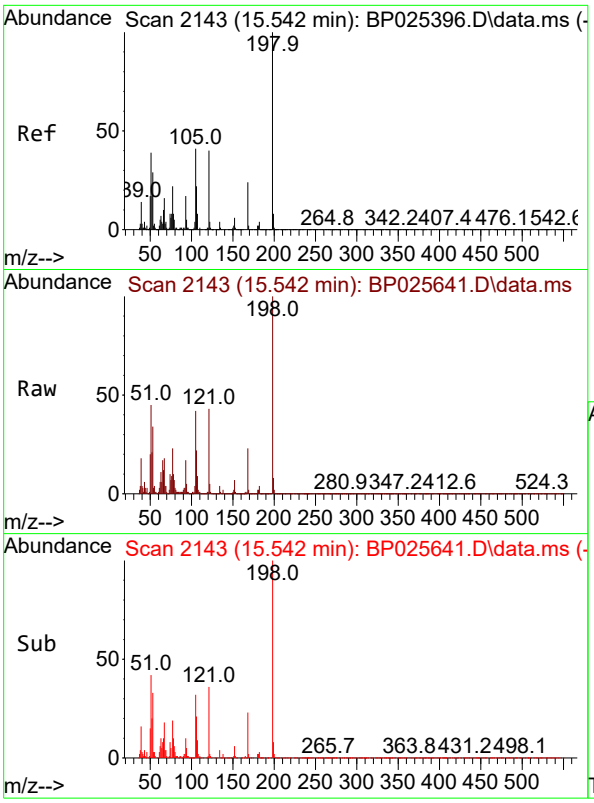


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:188 Resp: 815784

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	6.7	10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.517 ng
RT: 15.542 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:198 Resp: 26705

Ion	Ratio	Lower	Upper
198	100		
51	44.8	19.6	59.6
105	41.9	20.9	60.9

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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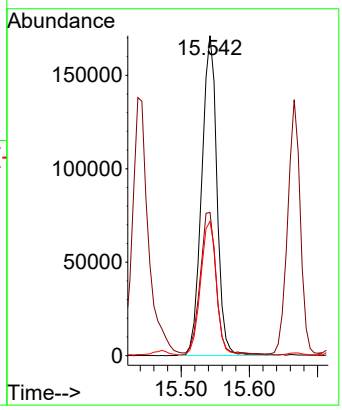
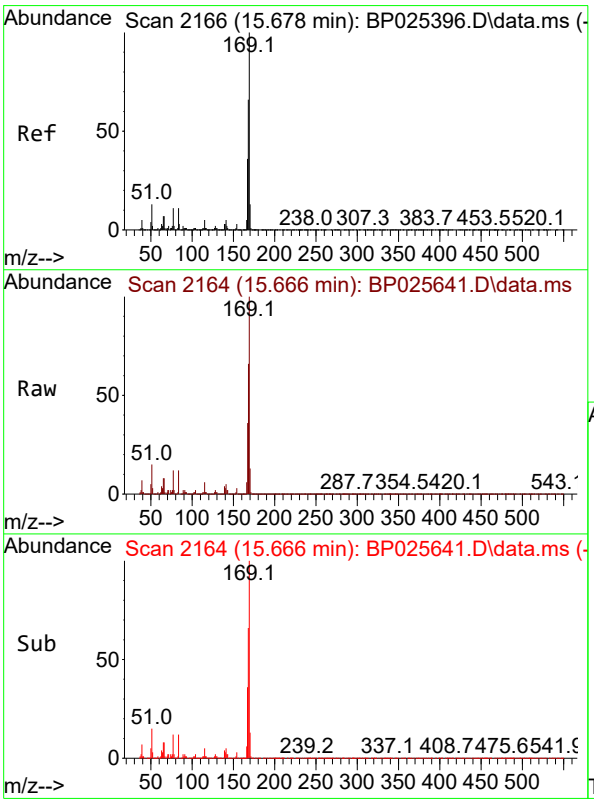
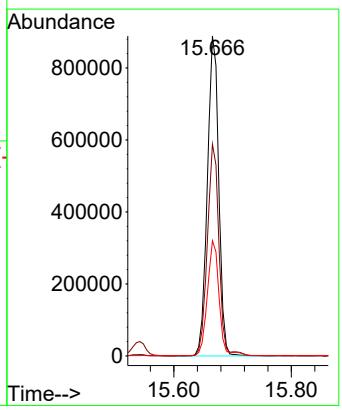


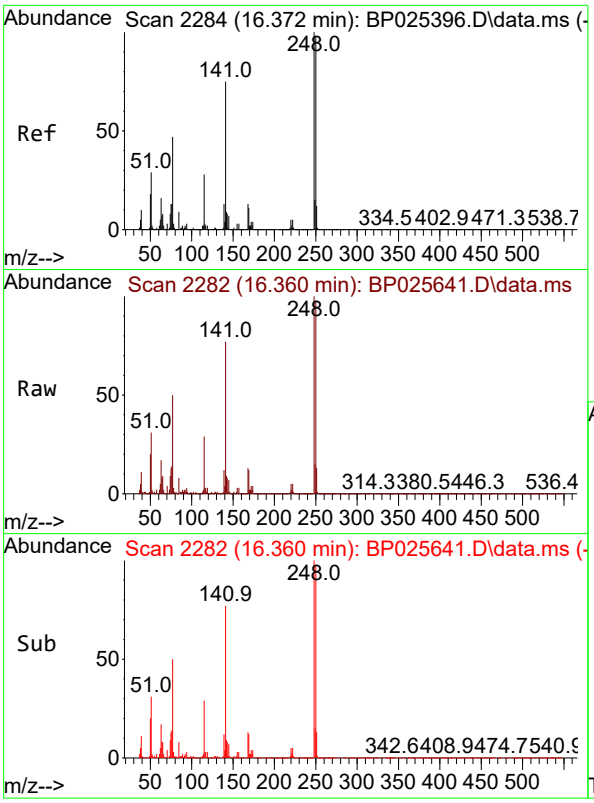


#66
n-Nitrosodiphenylamine
Concen: 47.799 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:169 Resp: 1189076

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	36.0	28.7	43.1

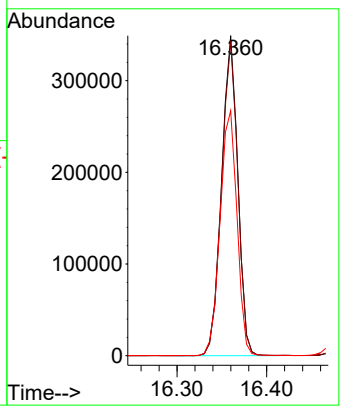




#67
4-Bromophenyl-phenylether
Concen: 48.976 ng
RT: 16.360 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:248 Resp: 43942

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.2	117.2
141	76.6	59.6	89.4



Instrument :
BNA_P
ClientSampleId :
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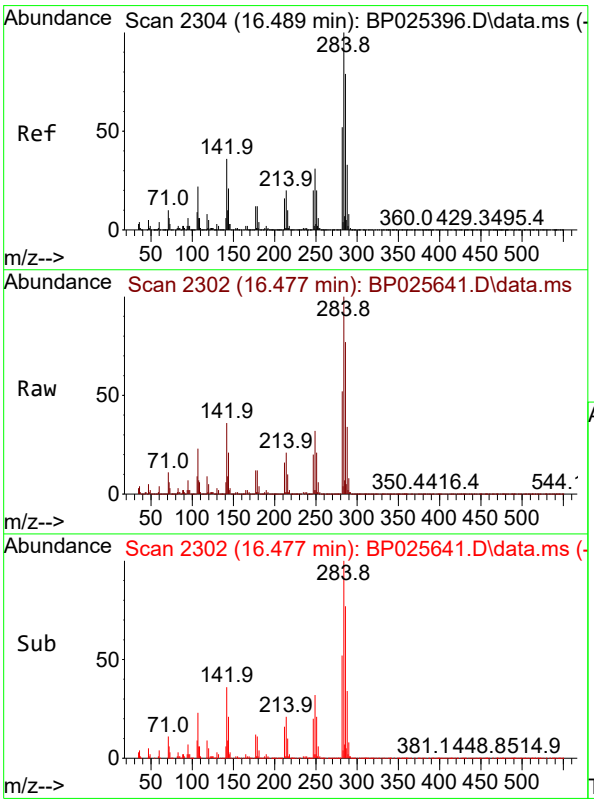
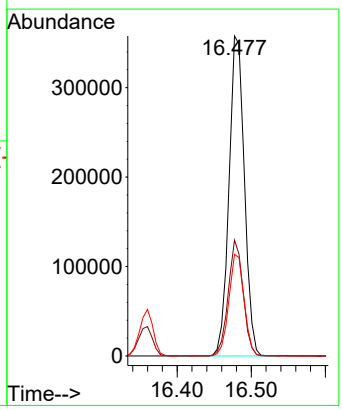
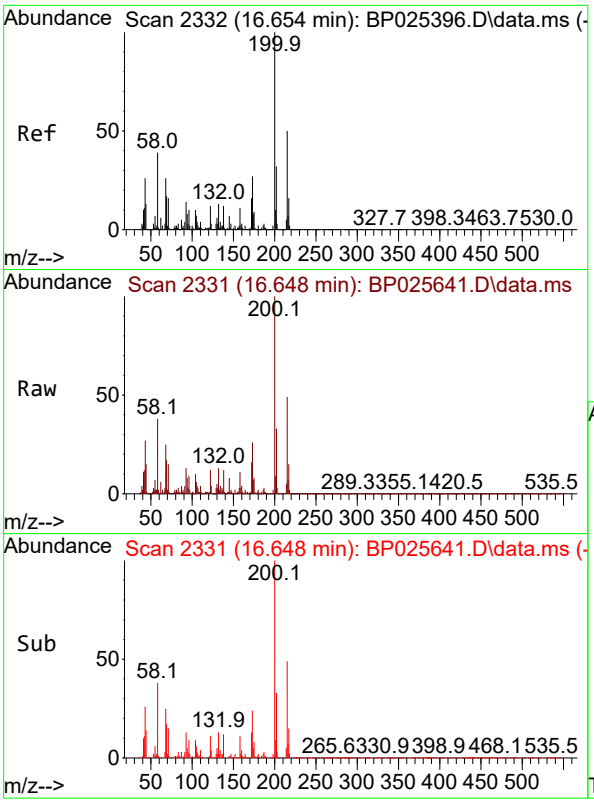


#68
Hexachlorobenzene
Concen: 49.509 ng
RT: 16.477 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:284 Resp: 514922

Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.1	43.7
249	31.8	25.0	37.4

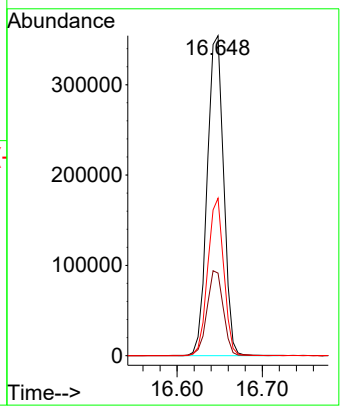




#69
Atrazine
Concen: 50.866 ng
RT: 16.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:200 Resp: 47388

Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.7	46.7
215	49.2	29.7	69.7



Instrument :
BNA_P
ClientSampleId :
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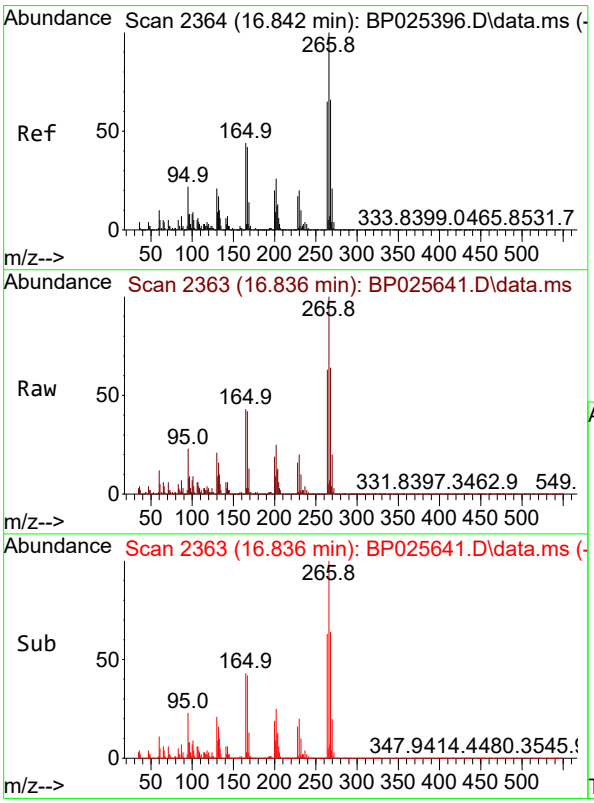
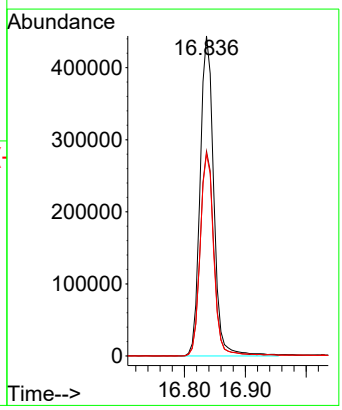
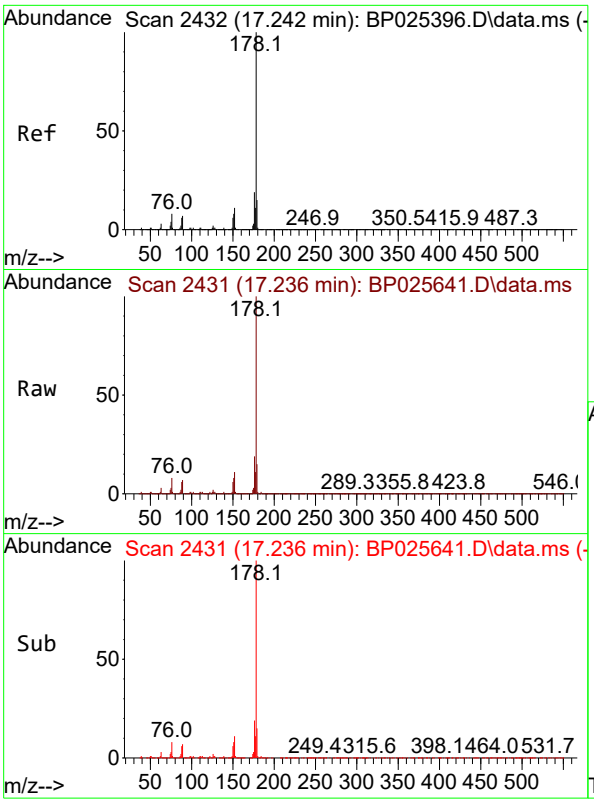


#70
Pentachlorophenol
Concen: 105.174 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:266 Resp: 690508

Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.6	79.0
264	63.2	52.0	78.0

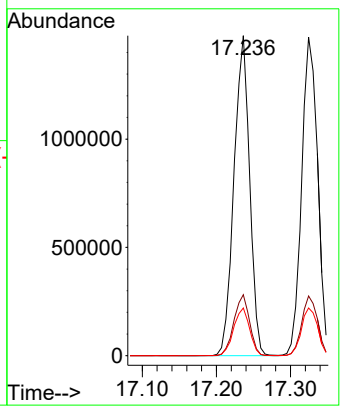




#71
Phenanthrene
Concen: 48.343 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:178 Resp: 216640

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	14.9	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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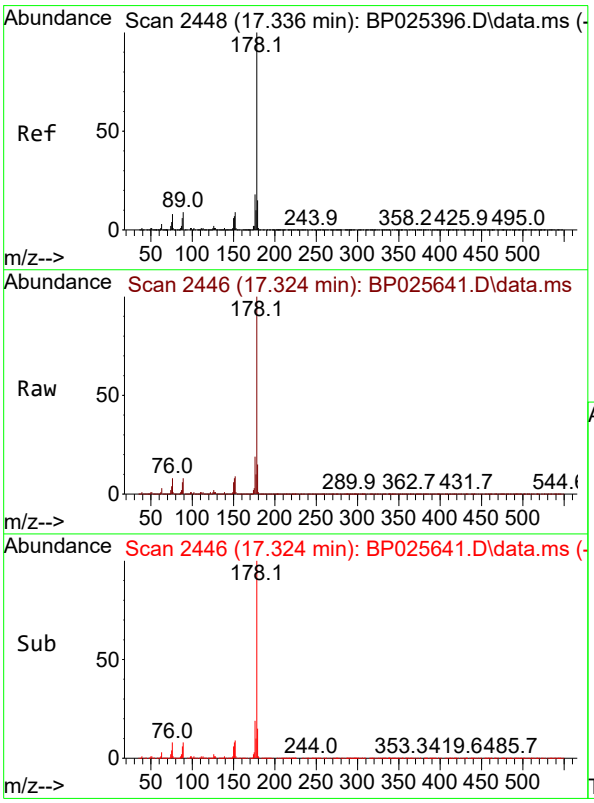
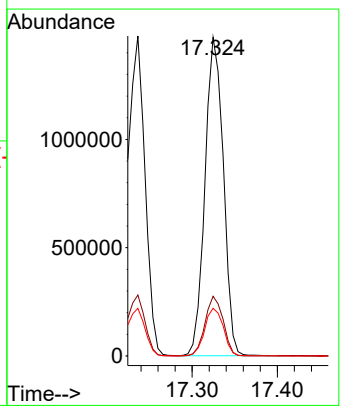
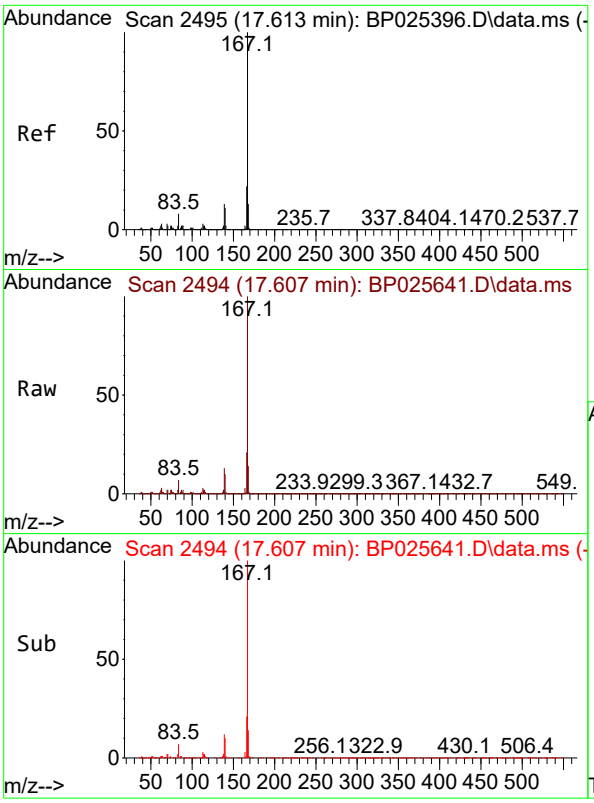


#72
Anthracene
Concen: 48.152 ng
RT: 17.324 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:178 Resp: 2203641

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.0	12.2	18.2

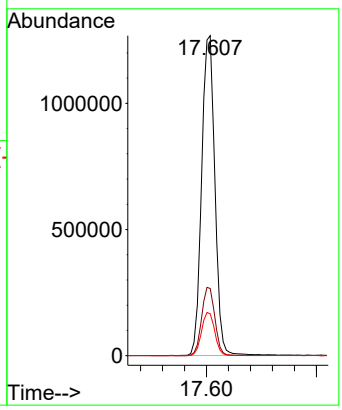




#73
Carbazole
Concen: 49.180 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:167 Resp: 211993

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	13.1	10.6	16.0



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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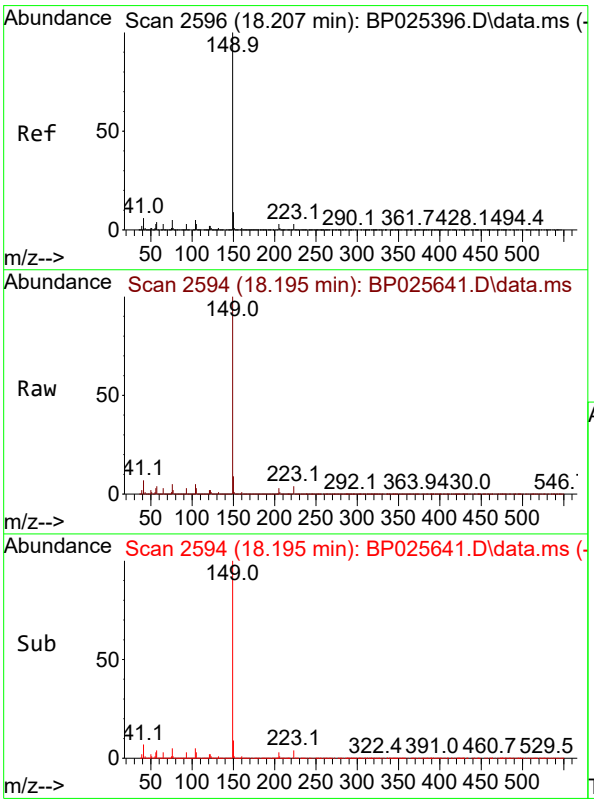
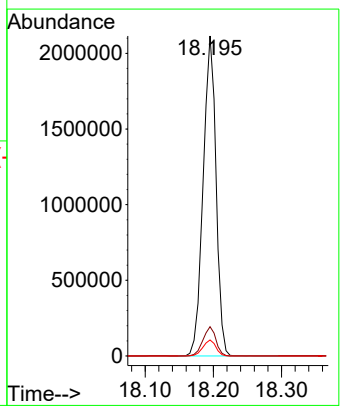
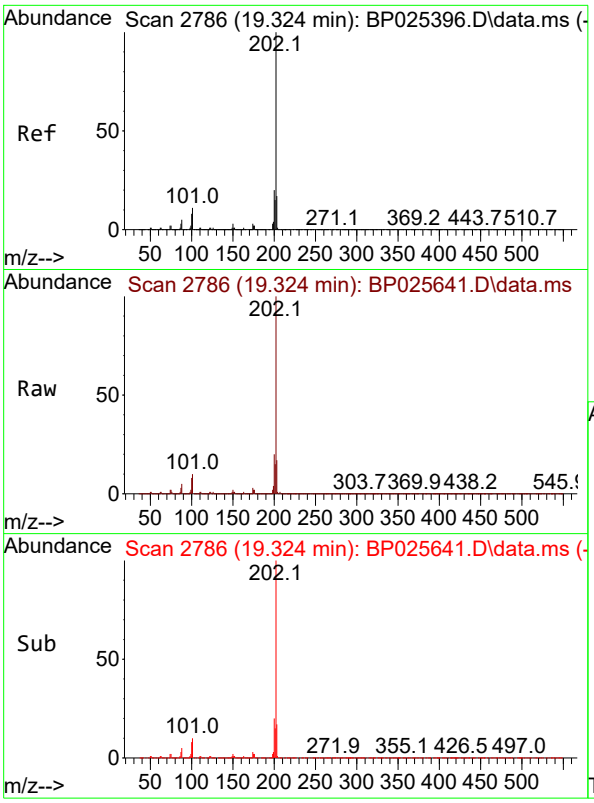


#74
Di-n-butylphthalate
Concen: 52.409 ng
RT: 18.195 min Scan# 2594
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 2779464

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.2	6.2

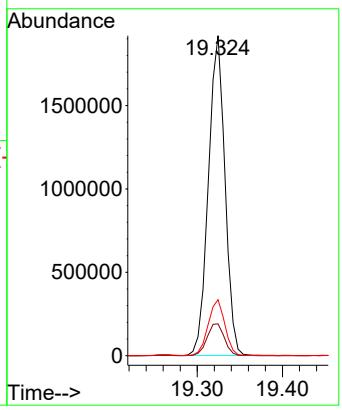




#75
Fluoranthene
Concen: 48.529 ng
RT: 19.324 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:202 Resp: 259412

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.5	0.0	37.3



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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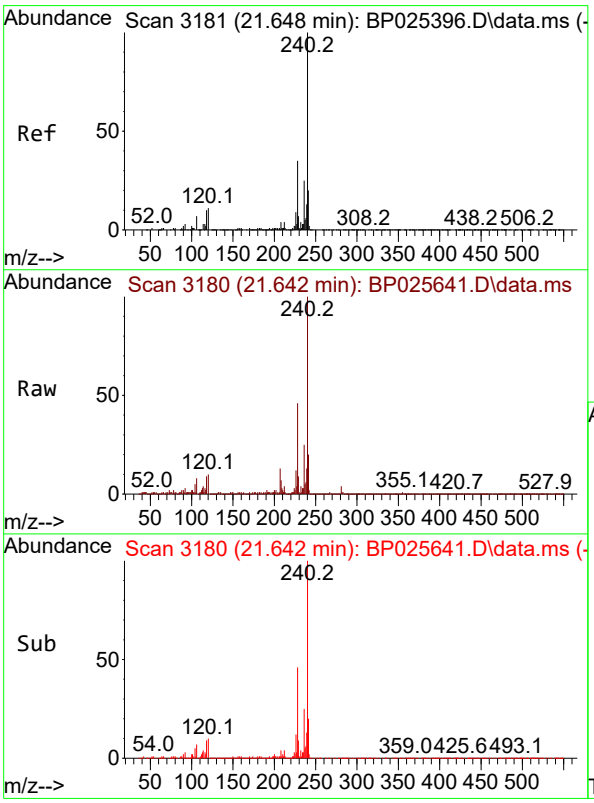
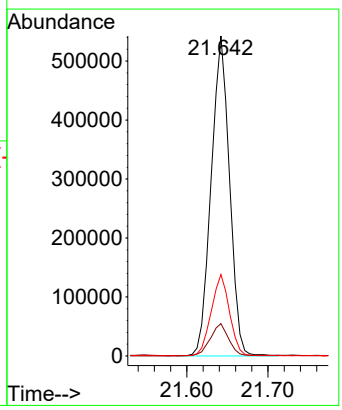
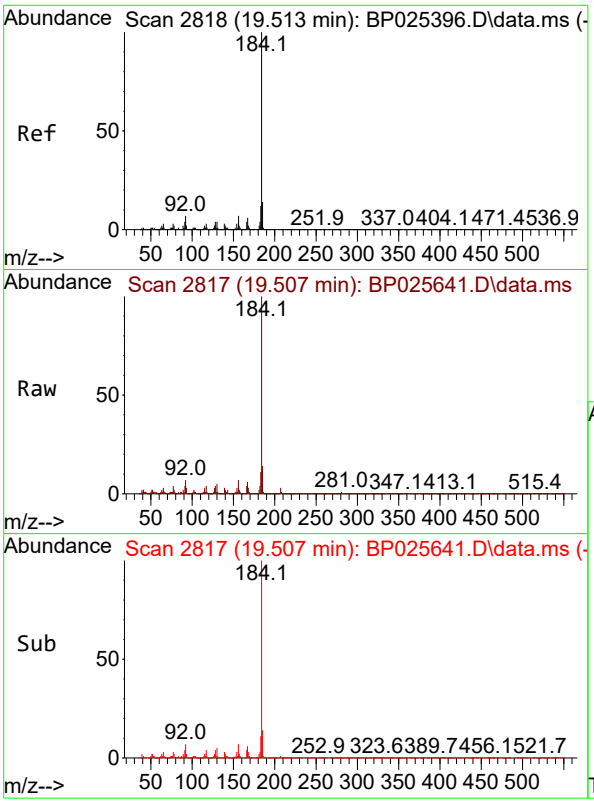


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:240 Resp: 851929

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.4	19.8	29.8

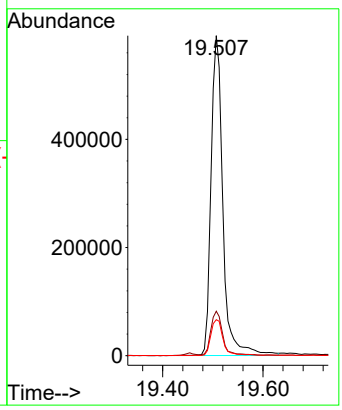




#77
Benzidine
Concen: 33.346 ng
RT: 19.507 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:184 Resp: 96953

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.2	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
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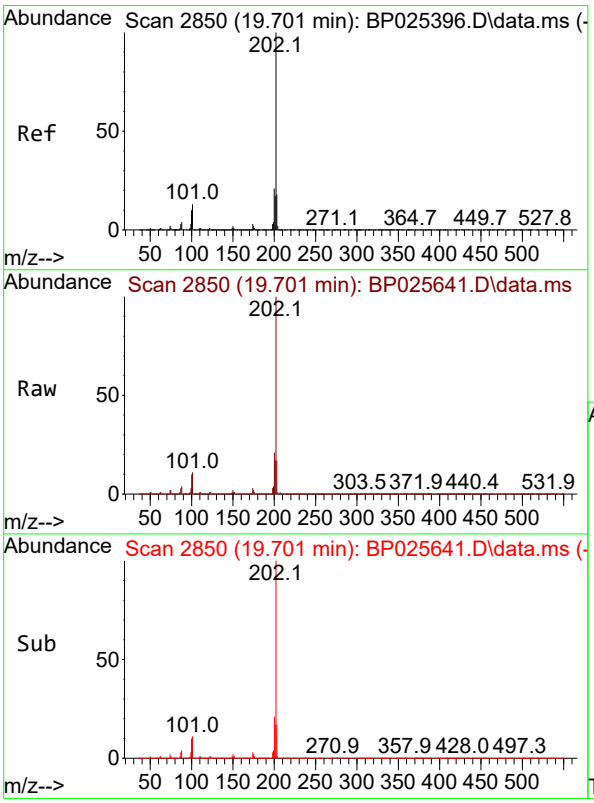
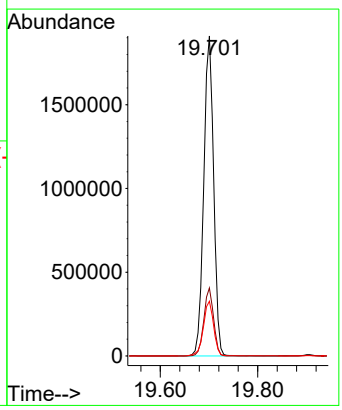
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

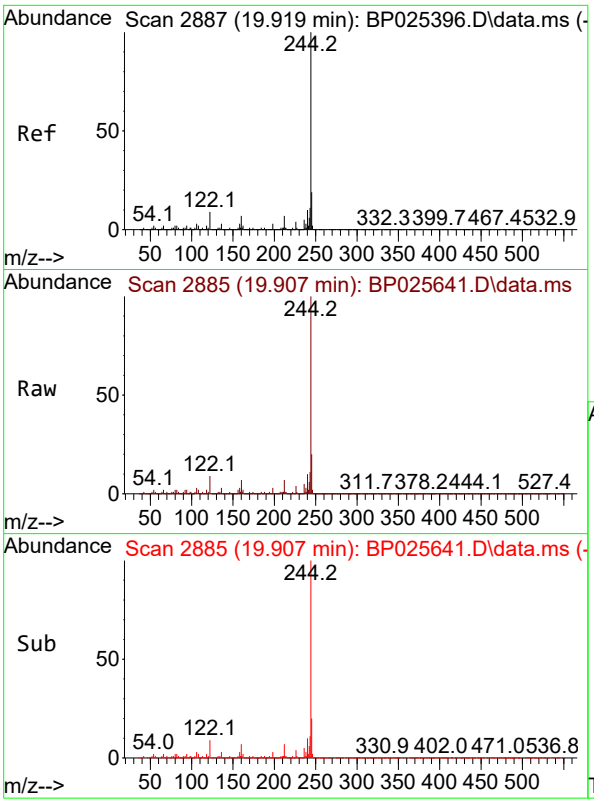


#78
Pyrene
Concen: 48.424 ng
RT: 19.701 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:202 Resp: 2681388

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.1	14.2	21.2





#79
Terphenyl-d14
Concen: 57.633 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:244 Resp: 268364

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.3	7.4	11.2

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
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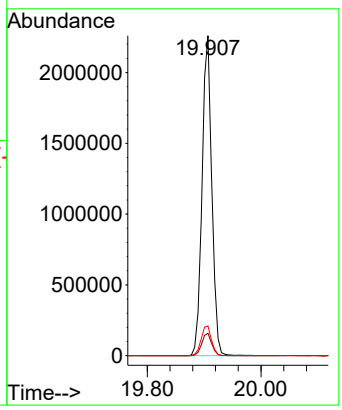
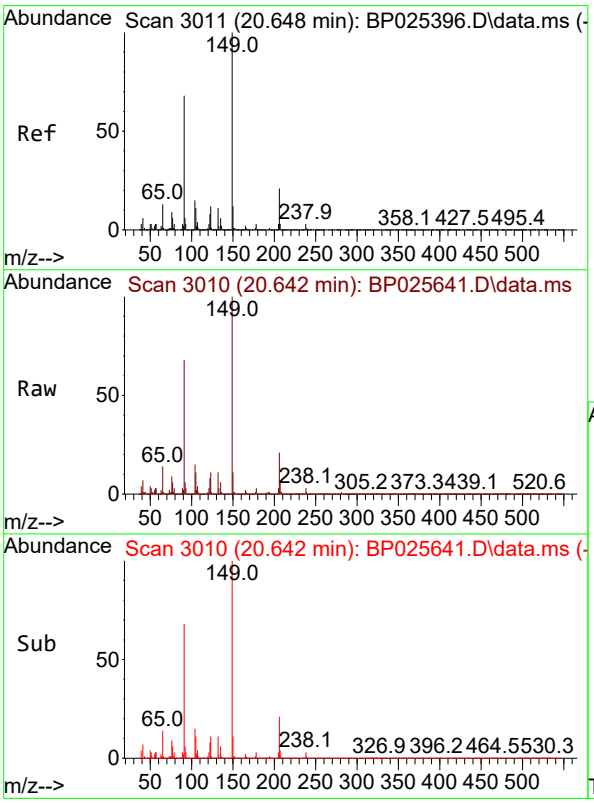
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

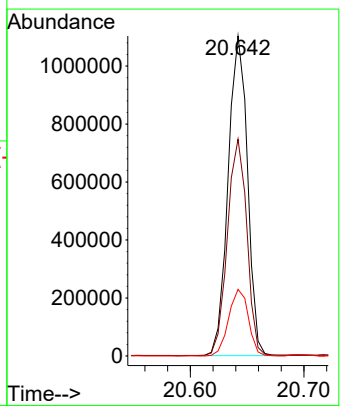


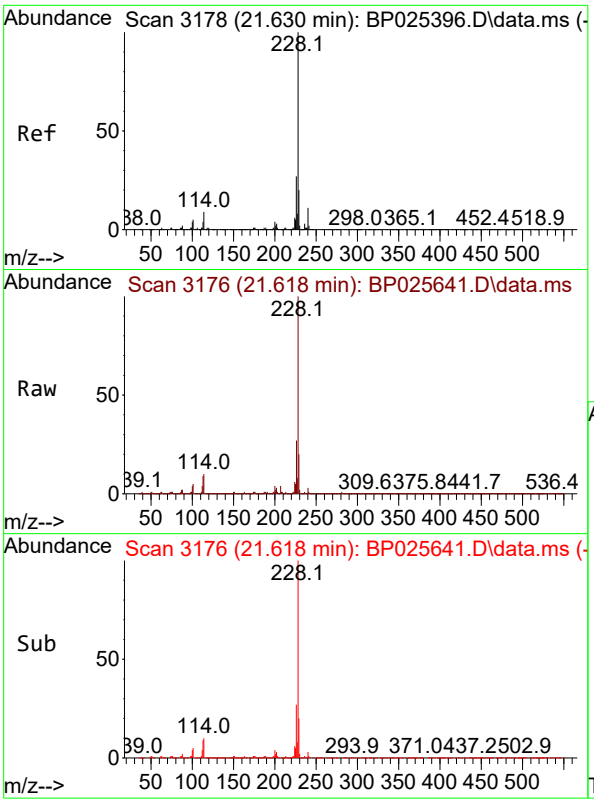


#80
Butylbenzylphthalate
Concen: 51.951 ng
RT: 20.642 min Scan# 3010
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1303731

Ion	Ratio	Lower	Upper
149	100		
91	67.8	54.2	81.2
206	20.8	16.6	24.8

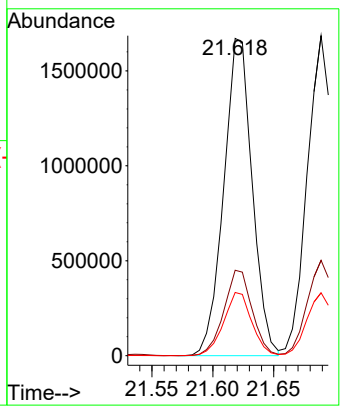




#81
Benzo(a)anthracene
Concen: 48.428 ng
RT: 21.618 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:228 Resp: 272095

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.9	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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Reviewed By :Rahul Chavli 09/03/2025
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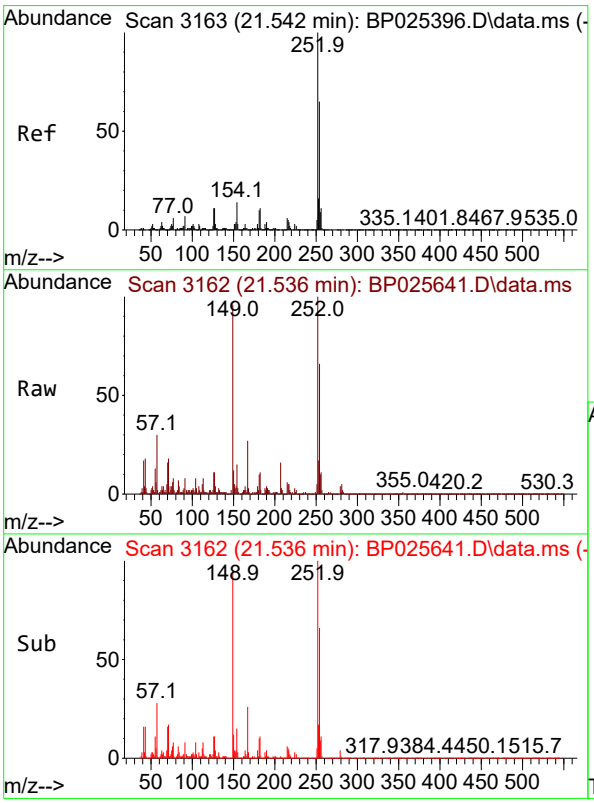
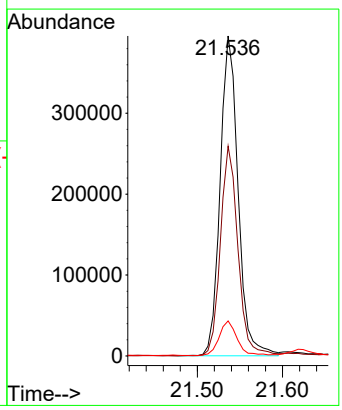
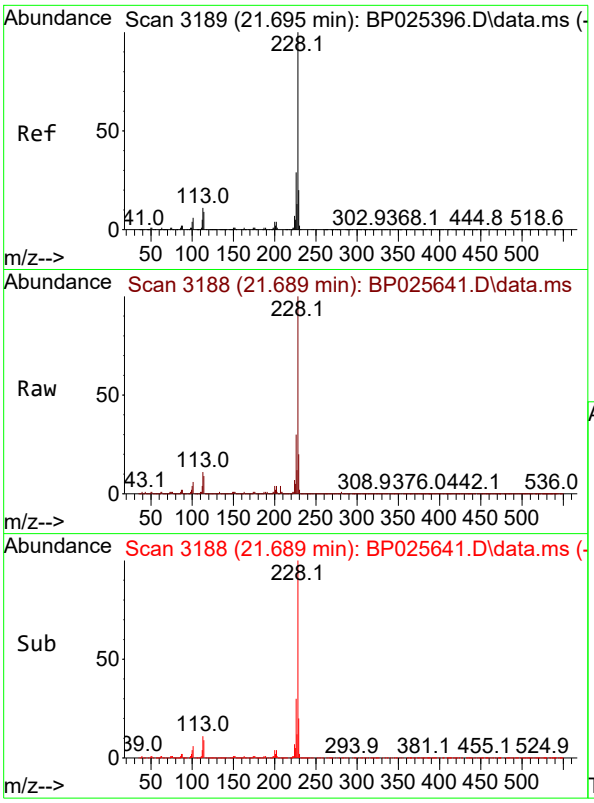


#82
3,3'-Dichlorobenzidine
Concen: 27.357 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:252 Resp: 579354

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.6
126	11.0	9.1	13.7

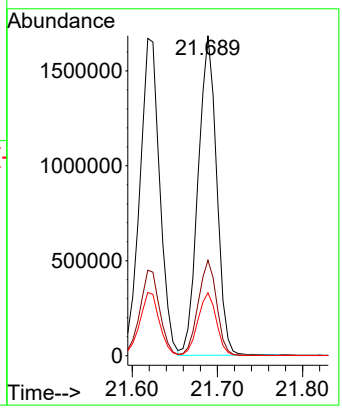




#83
Chrysene
Concen: 48.166 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:228 Resp: 253433

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	19.7	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
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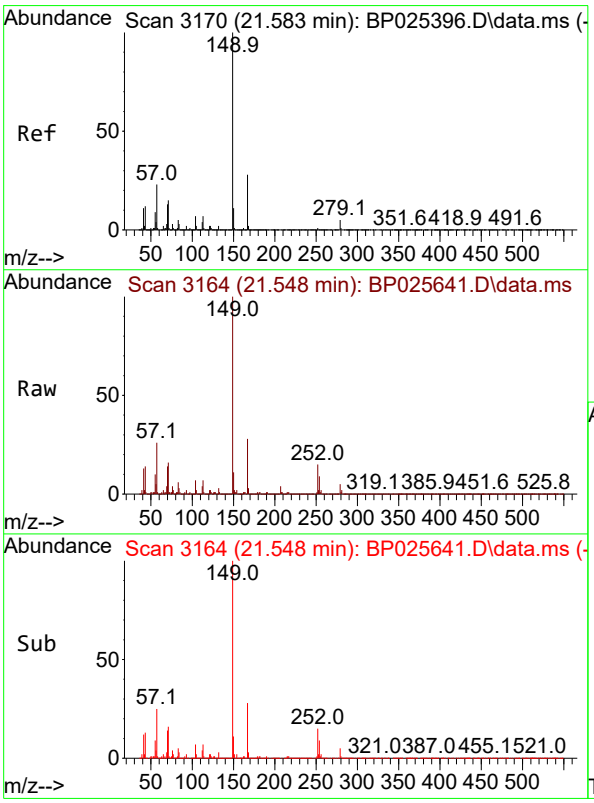
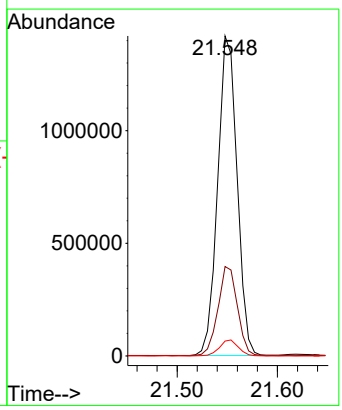
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

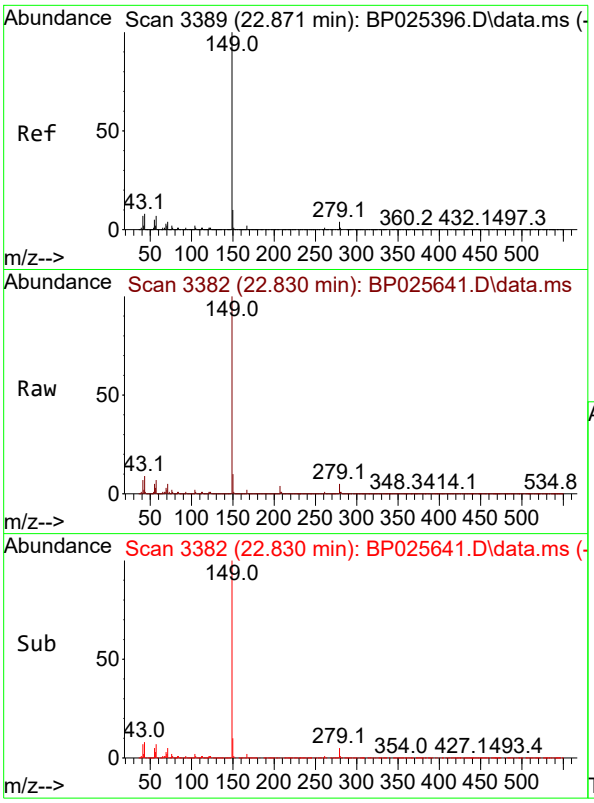


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.550 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.035 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 1904356

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.6	3.8	5.6

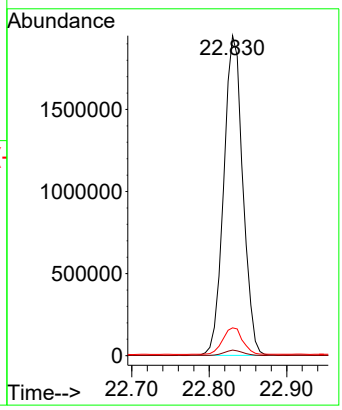




#85
Di-n-octyl phthalate
Concen: 52.513 ng
RT: 22.830 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:149 Resp: 333678

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
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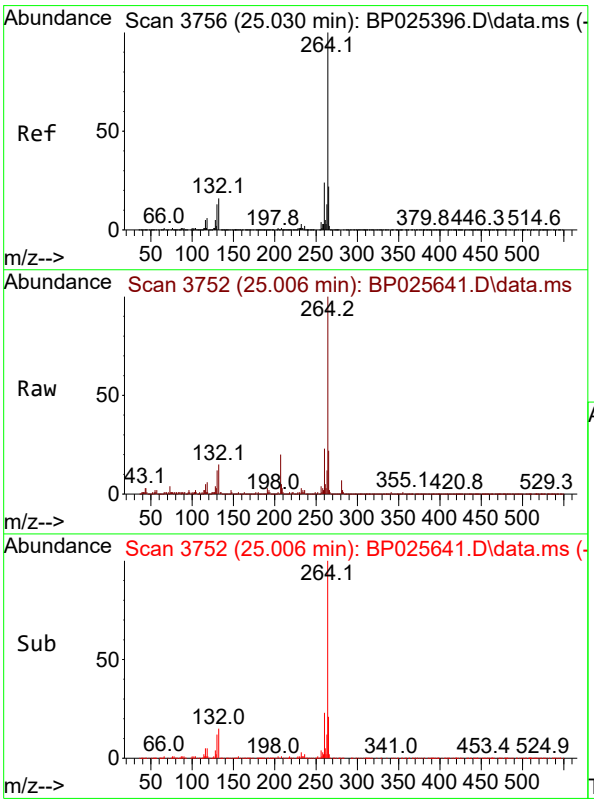
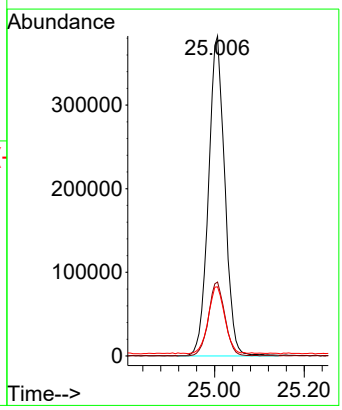
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

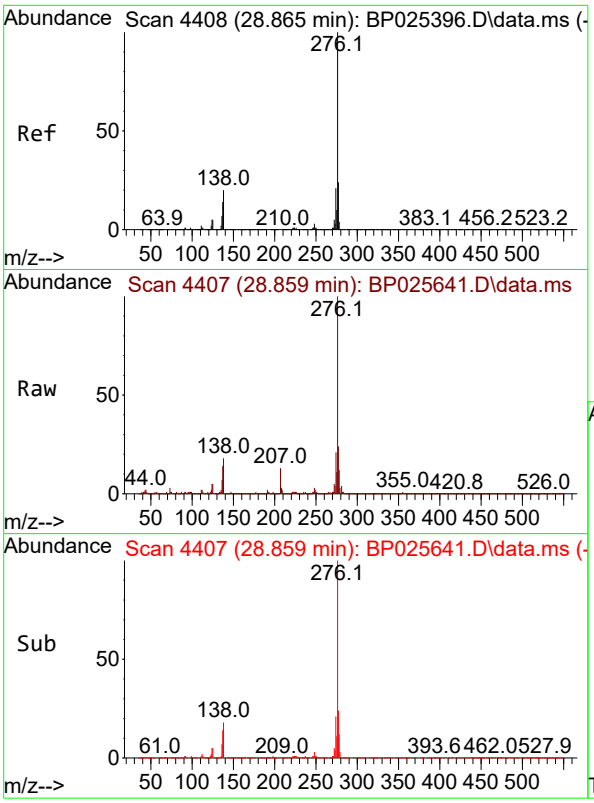


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:264 Resp: 966507

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.6	17.4	26.0

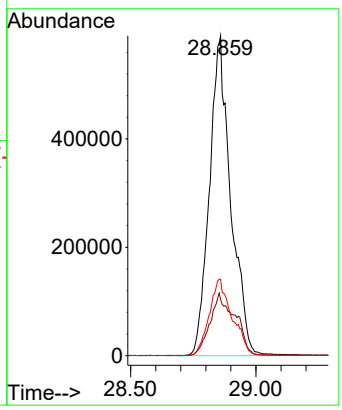




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.251 ng
RT: 28.859 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:276 Resp: 349089

Ion	Ratio	Lower	Upper
276	100		
138	22.8	12.9	19.3#
277	25.6	17.0	25.6#



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

Manual Integrations
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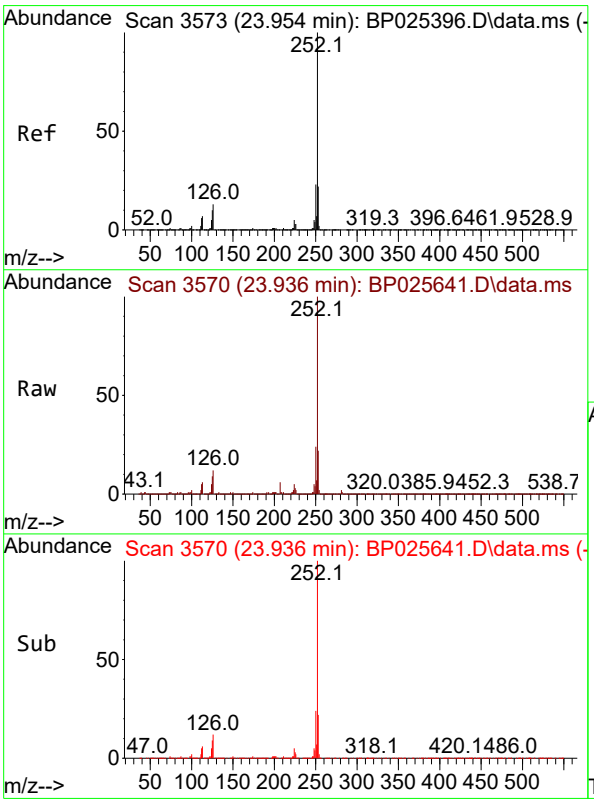
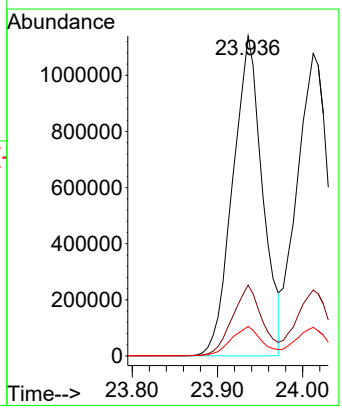
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

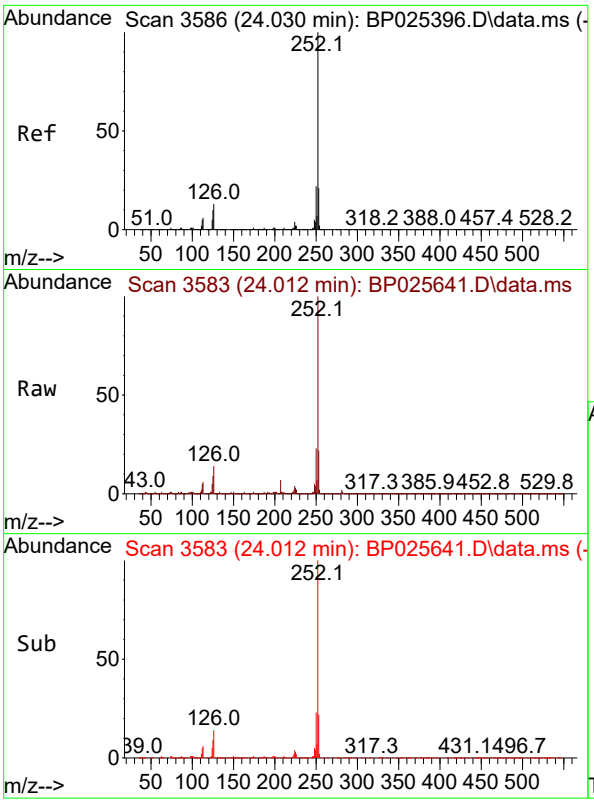


#88
Benzo(b)fluoranthene
Concen: 48.512 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:252 Resp: 2764802

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.2	7.9	11.9

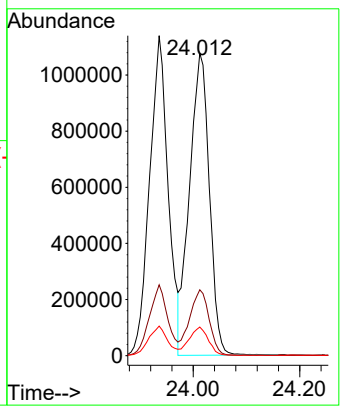




#89
Benzo(k)fluoranthene
Concen: 48.775 ng
RT: 24.012 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:252 Resp: 278169

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.5	7.8	11.6



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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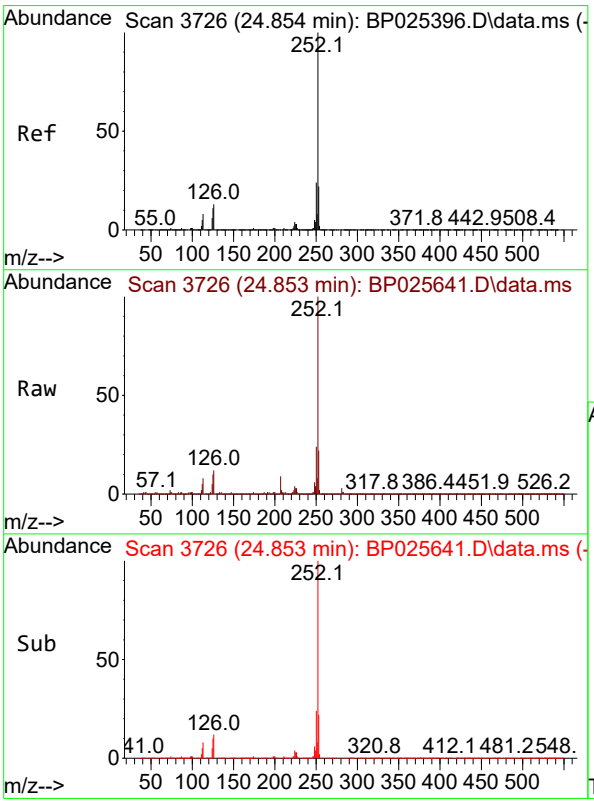
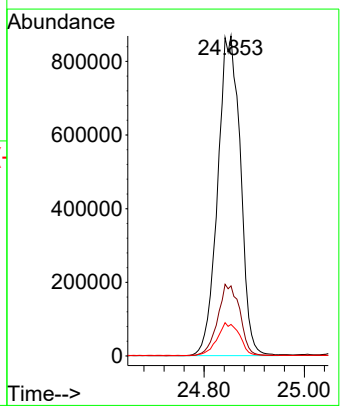
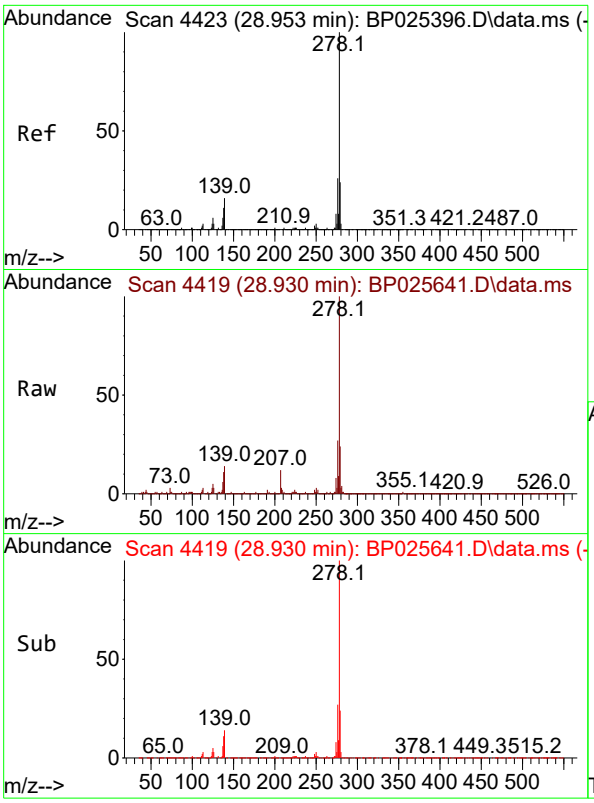


#90
Benzo(a)pyrene
Concen: 49.109 ng
RT: 24.853 min Scan# 3726
Delta R.T. -0.000 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:252 Resp: 2724422

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	8.7	13.1

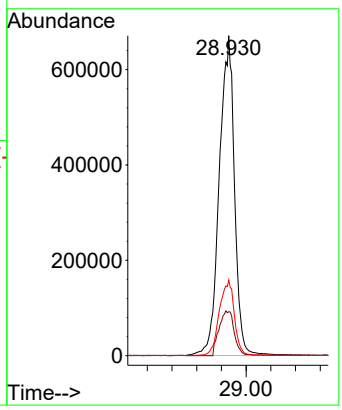




#91
Dibenzo(a,h)anthracene
Concen: 49.497 ng
RT: 28.930 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:278 Resp: 286702

Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.0	19.4
279	23.7	19.4	29.2



Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MS

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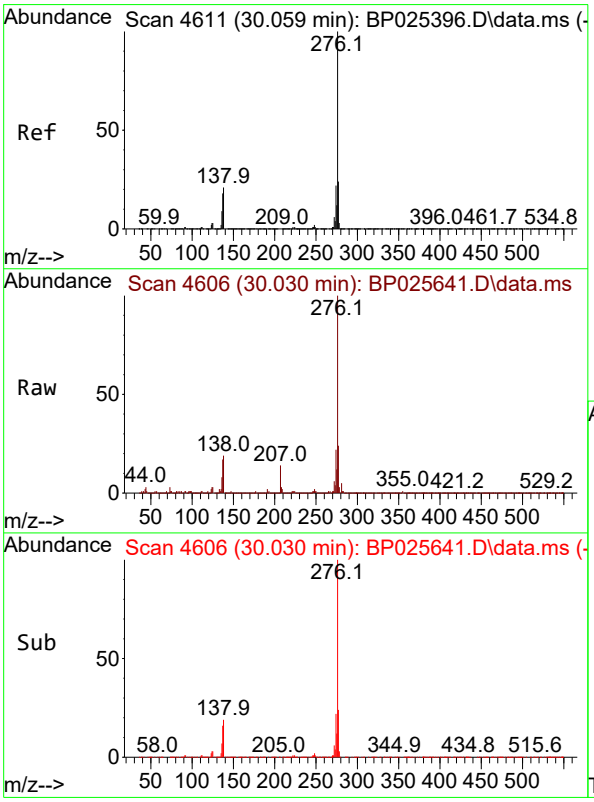
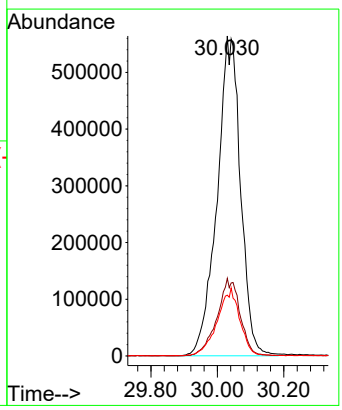


#92
Benzo(g,h,i)perylene
Concen: 48.658 ng m
RT: 30.030 min Scan# 4606
Delta R.T. -0.030 min
Lab File: BP025641.D
Acq: 02 Sep 2025 16:56

Tgt Ion:276 Resp: 2770490

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	19.0	16.7	25.1



Raw Data: **BP025642.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		110	230	ug/Kg
108-95-2	Phenol	1200		15.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		16.7	120	ug/Kg
95-57-8	2-Chlorophenol	1200		16.7	120	ug/Kg
95-48-7	2-Methylphenol	1200		20.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		25.7	120	ug/Kg
98-86-2	Acetophenone	1200		20.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		28.2	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		32.5	54.8	ug/Kg
67-72-1	Hexachloroethane	1200		12.1	120	ug/Kg
98-95-3	Nitrobenzene	1200		12.5	120	ug/Kg
78-59-1	Isophorone	1200		22.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		39.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		44.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		21.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		19.4	120	ug/Kg
91-20-3	Naphthalene	1200		15.6	120	ug/Kg
106-47-8	4-Chloroaniline	400		24.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		17.3	120	ug/Kg
105-60-2	Caprolactam	1200		35.7	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		19.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		17.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	79.5	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		13.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		19.9	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		14.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1300		33.0	120	ug/Kg
131-11-3	Dimethylphthalate	1200		18.6	120	ug/Kg

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		19.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		23.0	120	ug/Kg
99-09-2	3-Nitroaniline	660		31.5	120	ug/Kg
83-32-9	Acenaphthene	1100		14.6	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2400	E	73.3	230	ug/Kg
132-64-9	Dibenzofuran	1200		15.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		34.3	120	ug/Kg
84-66-2	Diethylphthalate	1300		19.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		18.3	120	ug/Kg
86-73-7	Fluorene	1200		17.3	120	ug/Kg
100-01-6	4-Nitroaniline	1200		44.0	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		70.6	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		22.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		19.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		17.3	120	ug/Kg
1912-24-9	Atrazine	1300		23.3	120	ug/Kg
87-86-5	Pentachlorophenol	2600	E	35.2	230	ug/Kg
85-01-8	Phenanthrene	1200		14.3	120	ug/Kg
120-12-7	Anthracene	1200		22.8	120	ug/Kg
86-74-8	Carbazole	1200		21.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		32.8	120	ug/Kg
206-44-0	Fluoranthene	1200		20.6	120	ug/Kg
129-00-0	Pyrene	1200		24.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		48.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650		25.2	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		15.8	120	ug/Kg
218-01-9	Chrysene	1200		13.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		40.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		59.5	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		13.0	120	ug/Kg

Raw Data: **BP025642.D**

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1200		15.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		20.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		19.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		18.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		17.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		17.5	120	ug/Kg
123-91-1	1,4-Dioxane	1000		31.0	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		18.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	101		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	100		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.4		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.3		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		10 - 116	74%	SPK: 150
1718-51-0	Terphenyl-d14	61.1		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.772			
1146-65-2	Naphthalene-d8	590000	10.542			
15067-26-2	Acenaphthene-d10	380000	14.383			
1517-22-2	Phenanthrene-d10	786000	17.189			
1719-03-5	Chrysene-d12	825000	21.642			
1520-96-3	Perylene-d12	952000	25.006			

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\BP090225\
Data File : BP025642.D
Acq On : 02 Sep 2025 17:37
Operator : CG/JU
Sample : Q2989-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Quant Time: Sep 02 18:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.772	152	150511	20.000	ng		-0.02
21) Naphthalene-d8	10.542	136	590486	20.000	ng		-0.02
39) Acenaphthene-d10	14.383	164	380282	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	785697	20.000	ng		-0.01
76) Chrysene-d12	21.642	240	824922	20.000	ng		0.00
86) Perylene-d12	25.006	264	951740	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	912469	100.679	ng		0.00
7) Phenol-d6	6.966	99	1166485	100.389	ng		0.00
23) Nitrobenzene-d5	8.913	82	739925	63.388	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	568596	111.084	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	1622254	58.302	ng		-0.02
79) Terphenyl-d14	19.913	244	2756690	61.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	160674	45.260	ng		97
3) Pyridine	3.713	79	450076	46.320	ng		94
4) n-Nitrosodimethylamine	3.625	42	220256	54.983	ng		92
6) Aniline	7.107	93	417181	26.647	ng		97
8) 2-Chlorophenol	7.349	128	530046	51.827	ng		96
9) Benzaldehyde	6.919	77	212857	26.147	ng		95
10) Phenol	6.990	94	633914	51.991	ng		97
11) bis(2-Chloroethyl)ether	7.201	93	467742	49.219	ng		97
12) 1,3-Dichlorobenzene	7.666	146	566147	50.202	ng		99
13) 1,4-Dichlorobenzene	7.807	146	571807	49.607	ng		99
14) 1,2-Dichlorobenzene	8.119	146	545518	48.891	ng		99
15) Benzyl Alcohol	8.007	79	466428	50.520	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.284	45	658583	51.732	ng		98
17) 2-Methylphenol	8.219	107	431924	51.006	ng		99
18) Hexachloroethane	8.837	117	217306	51.275	ng		99
19) n-Nitroso-di-n-propyla...	8.566	70	370511	48.139	ng		98
20) 3+4-Methylphenols	8.537	107	586247	49.944	ng		98
22) Acetophenone	8.584	105	760722	51.372	ng	#	98
24) Nitrobenzene	8.954	77	542261	51.979	ng		99
25) Isophorone	9.478	82	1041000	50.392	ng		98
26) 2-Nitrophenol	9.660	139	288917	53.963	ng		96
27) 2,4-Dimethylphenol	9.725	122	489749	53.192	ng		99
28) bis(2-Chloroethoxy)met...	9.948	93	625345	50.078	ng		99
29) 2,4-Dichlorophenol	10.201	162	486989	53.244	ng		98
30) 1,2,4-Trichlorobenzene	10.401	180	508562	50.722	ng		98
31) Naphthalene	10.595	128	1552751	50.593	ng		99
32) Benzoic acid	9.895	122	406137	59.748	ng		96
33) 4-Chloroaniline	10.695	127	240277	17.724	ng		98
34) Hexachlorobutadiene	10.878	225	327520	52.452	ng		98
35) Caprolactam	11.501	113	178963	53.361	ng		97
36) 4-Chloro-3-methylphenol	11.837	107	564938	53.828	ng		96
37) 2-Methylnaphthalene	12.195	142	997978	49.967	ng		98
38) 1-Methylnaphthalene	12.419	142	1038091	48.874	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	583346	53.114	ng		99
41) Hexachlorocyclopentadiene	12.548	237	647230	97.560	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	410652	55.383	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025642.D
Acq On : 02 Sep 2025 17:37
Operator : CG/JU
Sample : Q2989-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Quant Time: Sep 02 18:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

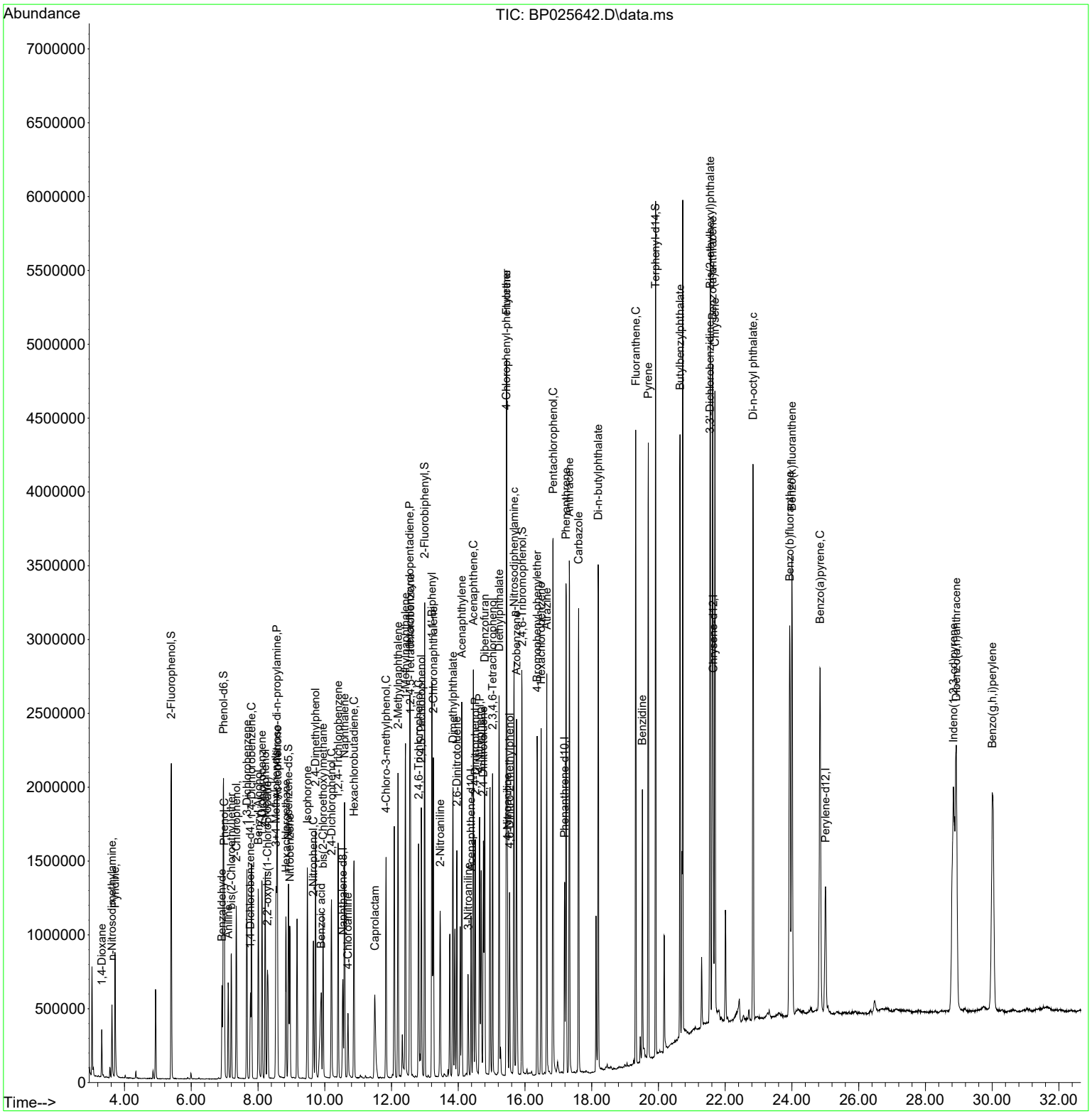
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	455356	56.035	ng	99
46) 1,1'-Biphenyl	13.213	154	1438478	52.084	ng	99
47) 2-Chloronaphthalene	13.254	162	1093886	50.877	ng	99
48) 2-Nitroaniline	13.460	65	361791	57.750	ng	97
49) Acenaphthylene	14.107	152	1861693	52.328	ng	99
50) Dimethylphthalate	13.842	163	1487417	53.413	ng	100
51) 2,6-Dinitrotoluene	13.960	165	322726	54.984	ng	96
52) Acenaphthene	14.454	154	1049445	50.253	ng	99
53) 3-Nitroaniline	14.295	138	190576	28.859	ng	93
54) 2,4-Dinitrophenol	14.513	184	391406	124.872	ng	97
55) Dibenzofuran	14.795	168	1693213	51.284	ng	99
56) 4-Nitrophenol	14.642	139	565850	104.275	ng	96
57) 2,4-Dinitrotoluene	14.754	165	475557	56.788	ng	95
58) Fluorene	15.448	166	1340672	51.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.030	232	396720	55.289	ng	99
60) Diethylphthalate	15.225	149	1565509	55.326	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	670418	51.743	ng	96
62) 4-Nitroaniline	15.478	138	346415	51.170	ng	98
63) Azobenzene	15.748	77	1478425	61.019	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	277946	56.751	ng	96
66) n-Nitrosodiphenylamine	15.672	169	1241513	51.818	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	450417	52.124	ng	96
68) Hexachlorobenzene	16.483	284	534029	53.313	ng	98
69) Atrazine	16.654	200	491276	54.752	ng	98
70) Pentachlorophenol	16.842	266	709330	112.179	ng	98
71) Phenanthrene	17.230	178	2215919	51.341	ng	99
72) Anthracene	17.330	178	2301659	52.220	ng	100
73) Carbazole	17.607	167	2183170	52.586	ng	99
74) Di-n-butylphthalate	18.195	149	2842640	55.653	ng	100
75) Fluoranthene	19.318	202	2678119	52.019	ng	99
77) Benzidine	19.518	184	1086334	38.587	ng	98
78) Pyrene	19.695	202	2747023	51.234	ng	99
80) Butylbenzylphthalate	20.648	149	1361147	56.014	ng	98
81) Benzo(a)anthracene	21.624	228	2817469	51.788	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	581383	28.352	ng	99
83) Chrysene	21.695	228	2635410	51.726	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1995975	55.799	ng	99
85) Di-n-octyl phthalate	22.836	149	3509362	57.037	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3714994	53.226	ng	99
88) Benzo(b)fluoranthene	23.936	252	2887889	51.458	ng	99
89) Benzo(k)fluoranthene	24.001	252	3004552	53.500	ng	99
90) Benzo(a)pyrene	24.842	252	2827051	51.749	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3039360	53.286	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2953428	52.676	ng	99

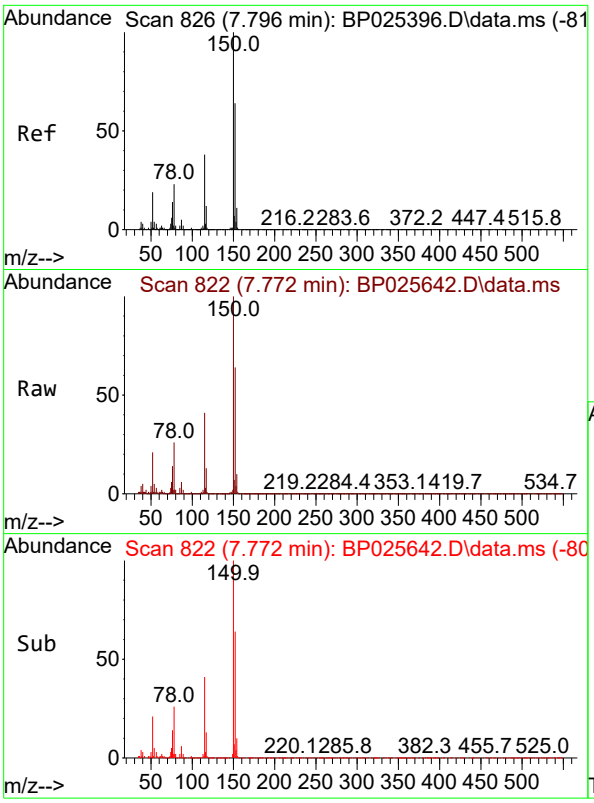
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025642.D
Acq On : 02 Sep 2025 17:37
Operator : CG/JU
Sample : Q2989-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Quant Time: Sep 02 18:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



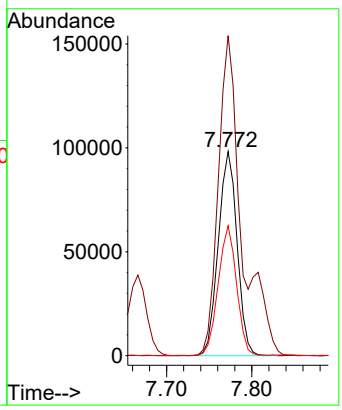


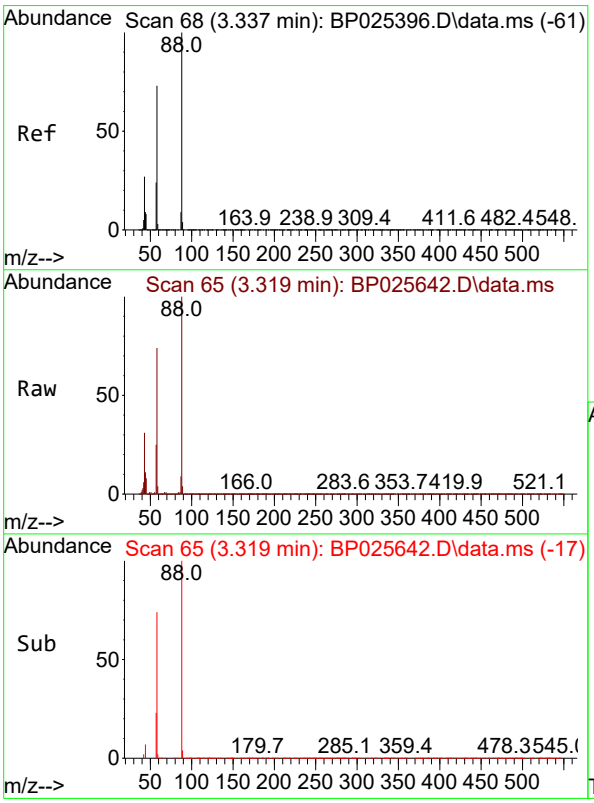
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:152 Resp: 150511

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	63.7	48.5	72.7

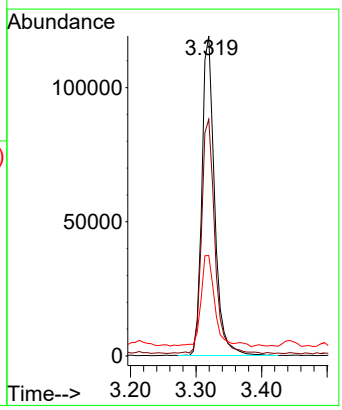


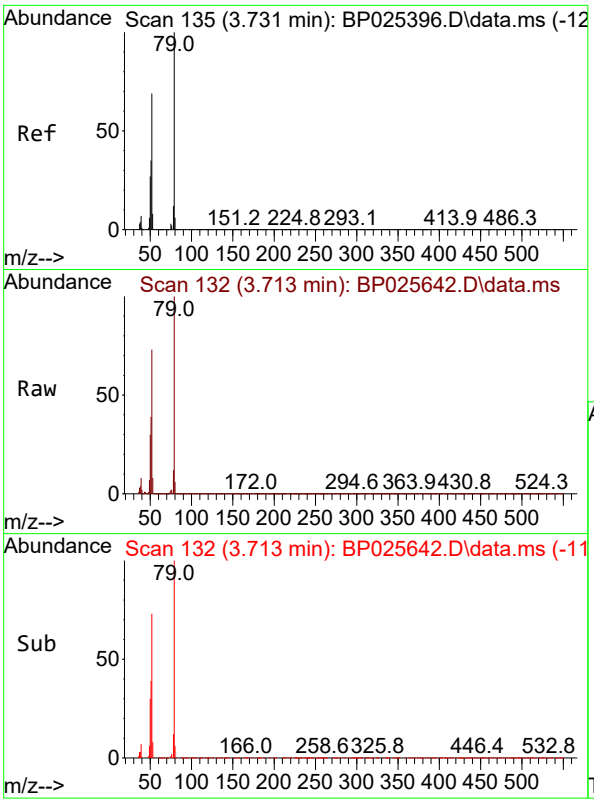


#2
1,4-Dioxane
Concen: 45.260 ng
RT: 3.319 min Scan# 65
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 88 Resp: 160674

Ion	Ratio	Lower	Upper
88	100		
58	76.4	59.2	88.8
43	29.4	21.7	32.5



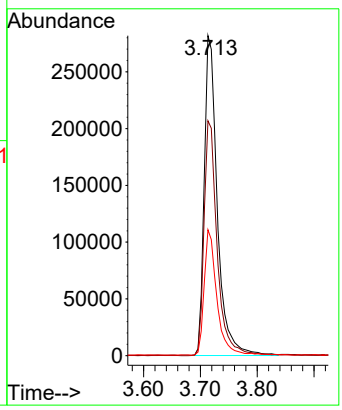


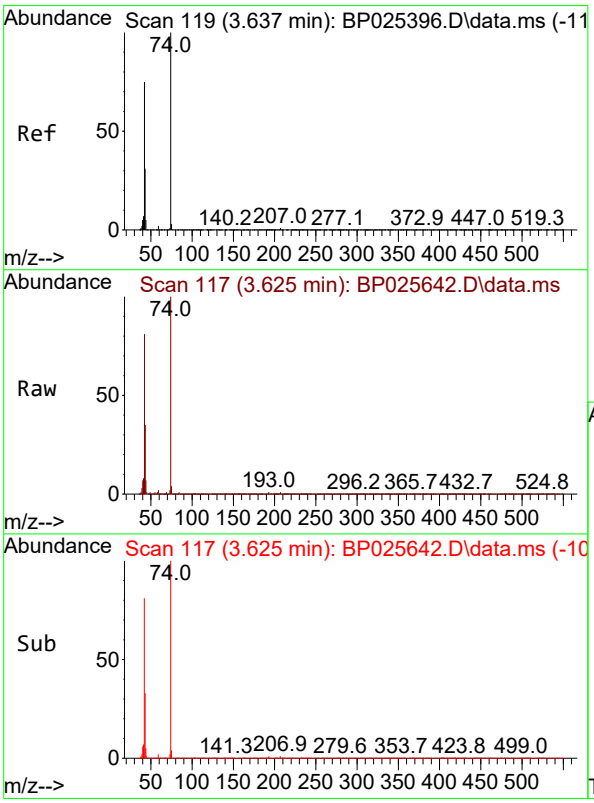
#3
Pyridine
Concen: 46.320 ng
RT: 3.713 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 79 Resp: 450076

Ion	Ratio	Lower	Upper
79	100		
52	73.4	55.5	83.3
51	39.3	28.3	42.5

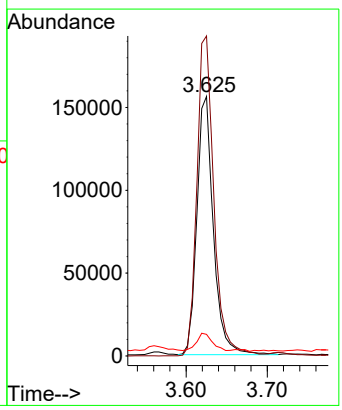


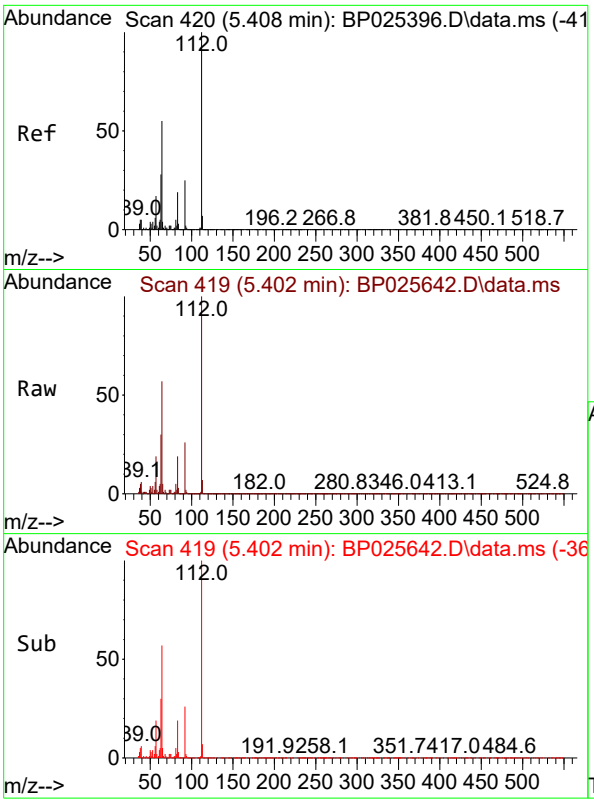


#4
n-Nitrosodimethylamine
Concen: 54.983 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 42 Resp: 220256

Ion	Ratio	Lower	Upper
42	100		
74	123.3	107.0	160.4
44	8.3	6.2	9.4



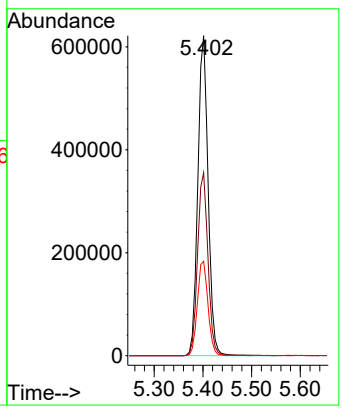


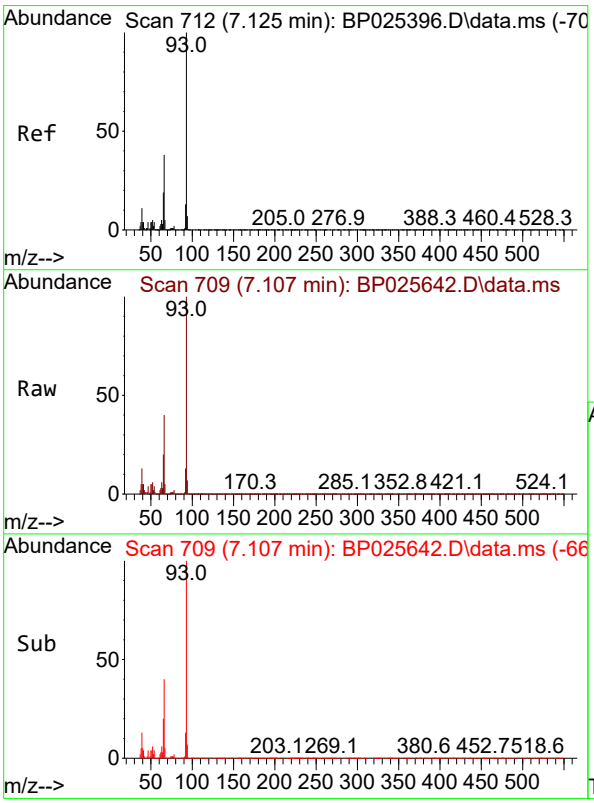
#5
2-Fluorophenol
Concen: 100.679 ng
RT: 5.402 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:112 Resp: 912469

Ion	Ratio	Lower	Upper
112	100		
64	57.1	43.8	65.8
63	29.5	22.7	34.1

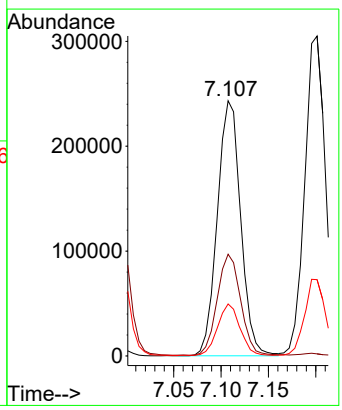


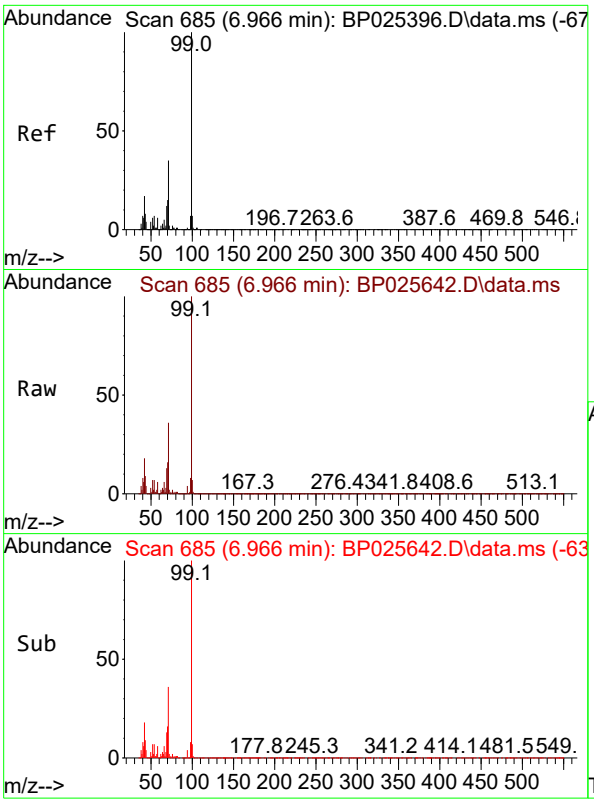


#6
Aniline
Concen: 26.647 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 93 Resp: 417181

Ion	Ratio	Lower	Upper
93	100		
66	39.9	30.4	45.6
65	20.4	15.3	22.9



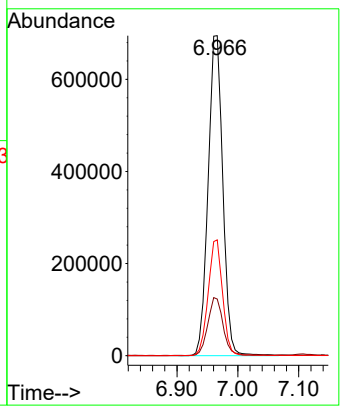


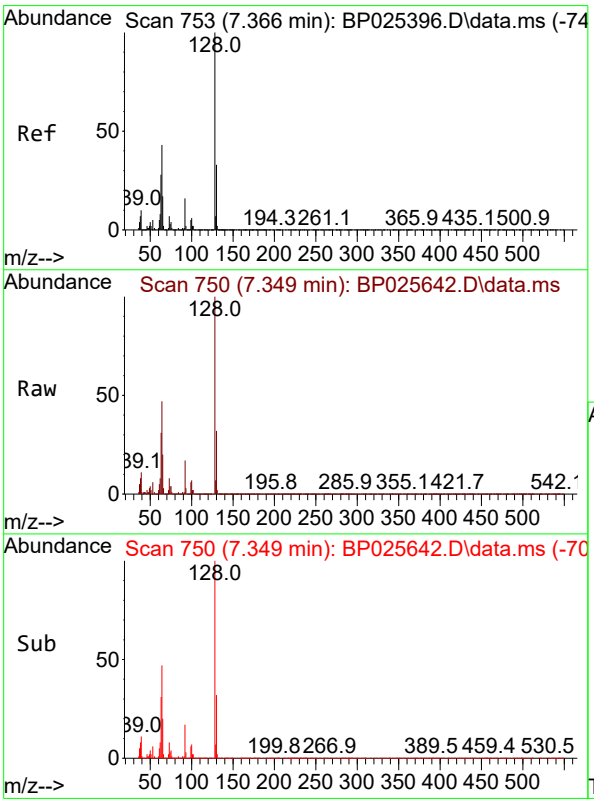
#7
Phenol-d6
Concen: 100.389 ng
RT: 6.966 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 99 Resp: 1166485

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	36.2	28.2	42.4

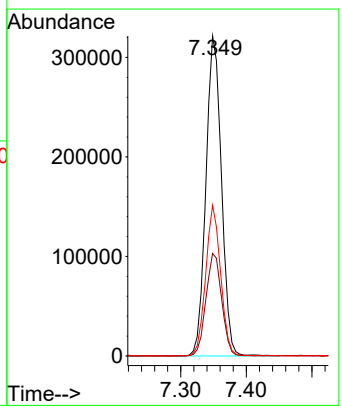


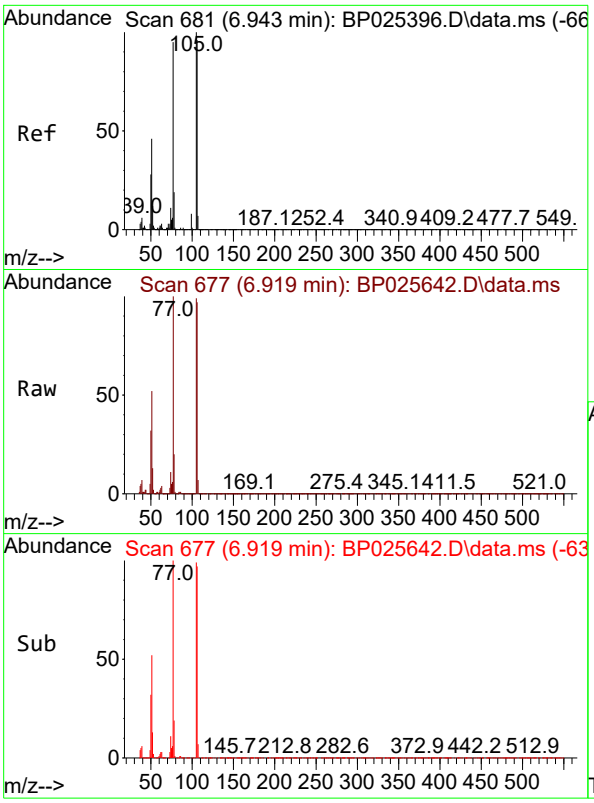


#8
2-Chlorophenol
Concen: 51.827 ng
RT: 7.349 min Scan# 750
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:128 Resp: 530046

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	47.1	23.4	63.4



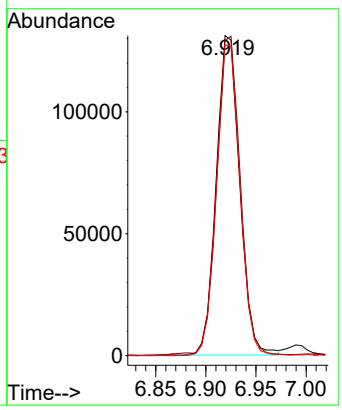


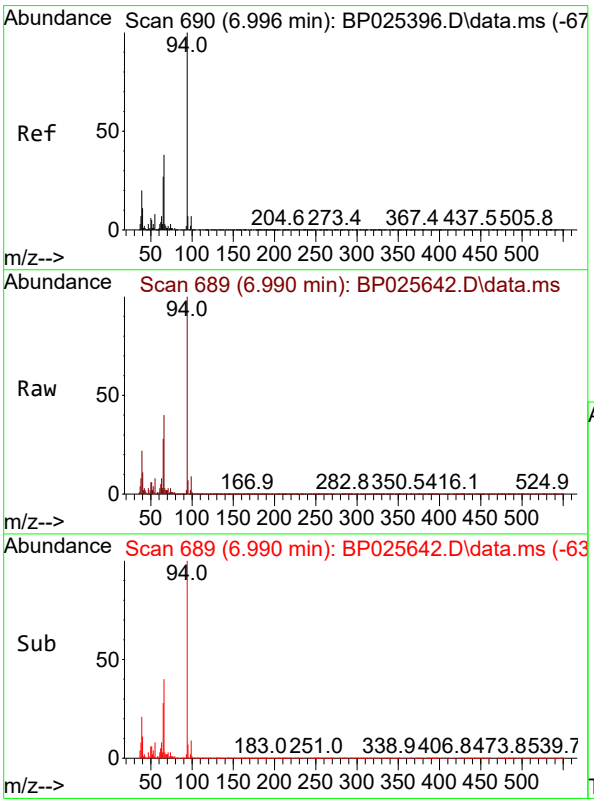
#9
Benzaldehyde
Concen: 26.147 ng
RT: 6.919 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 77 Resp: 212857

Ion	Ratio	Lower	Upper
77	100		
105	98.6	84.8	124.8
106	97.1	80.5	120.5

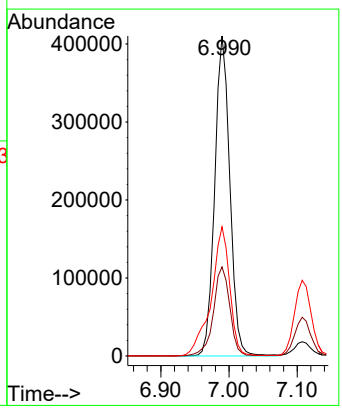


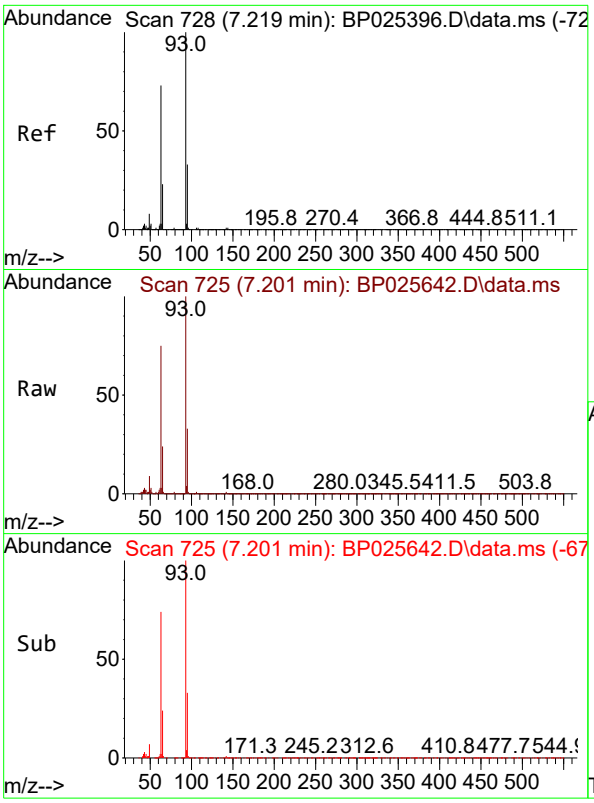


#10
Phenol
Concen: 51.991 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 94 Resp: 633914

Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.8	46.8
66	40.4	18.2	58.2



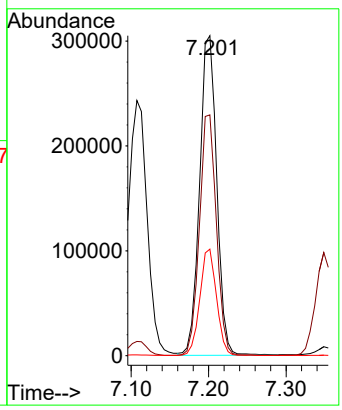


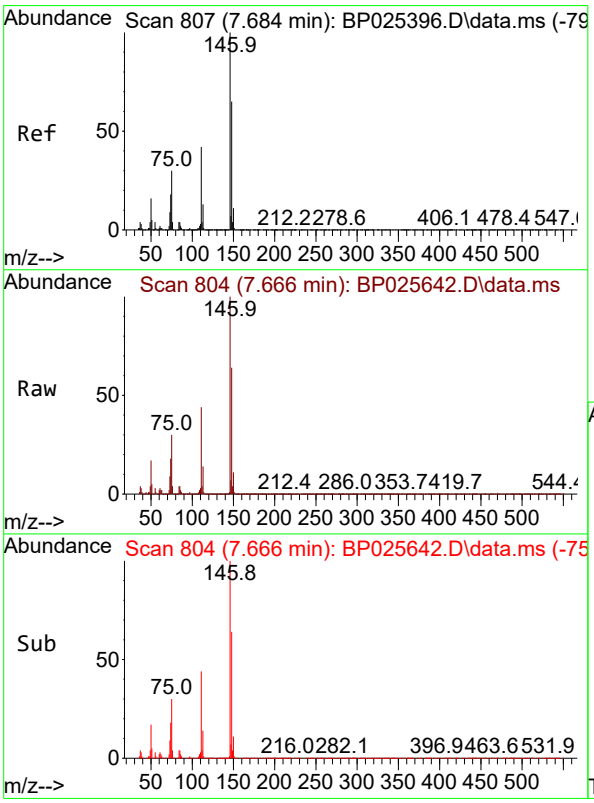
#11
bis(2-Chloroethyl)ether
Concen: 49.219 ng
RT: 7.201 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 93 Resp: 467742

Ion	Ratio	Lower	Upper
93	100		
63	75.3	52.6	92.6
95	33.3	12.7	52.7

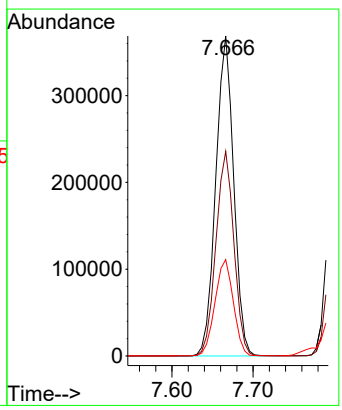


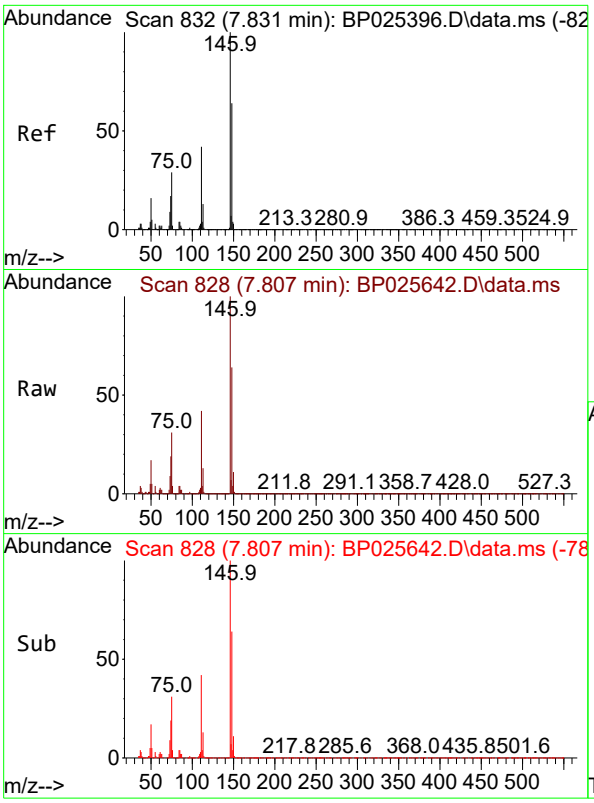


#12
1,3-Dichlorobenzene
Concen: 50.202 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:146 Resp: 566147

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
75	30.1	23.7	35.5



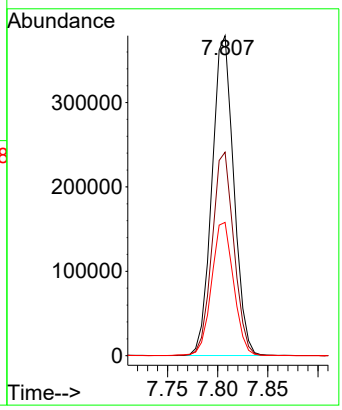


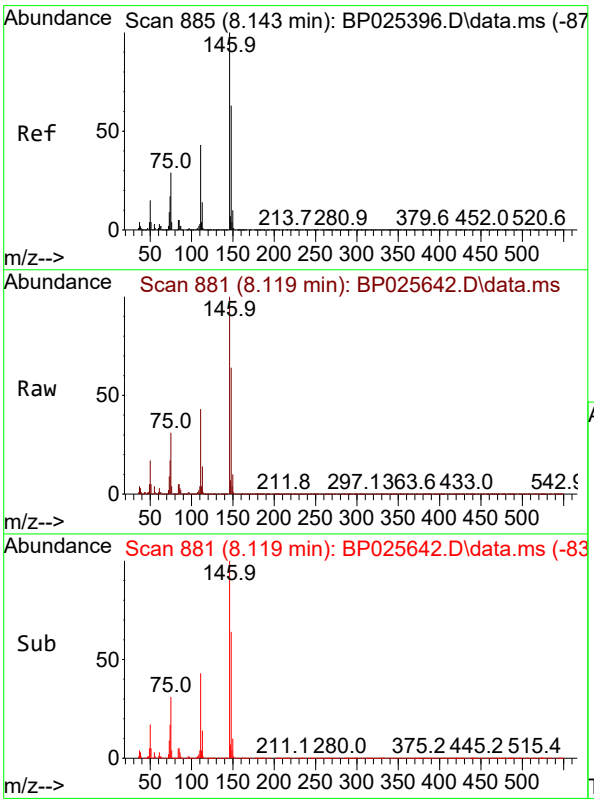
#13
1,4-Dichlorobenzene
Concen: 49.607 ng
RT: 7.807 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:146 Resp: 571807

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	41.6	33.4	50.0

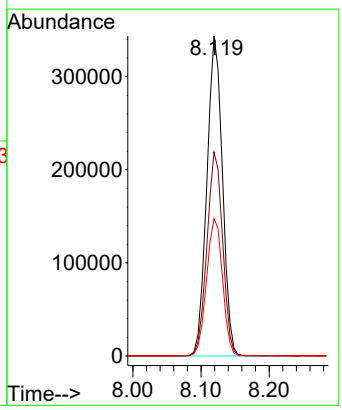


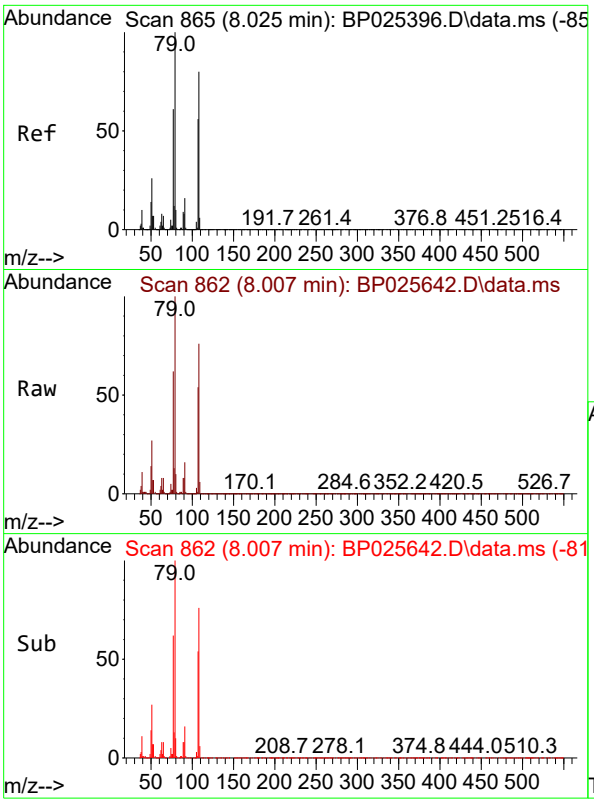


#14
1,2-Dichlorobenzene
Concen: 48.891 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:146 Resp: 545518

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.9	34.5	51.7



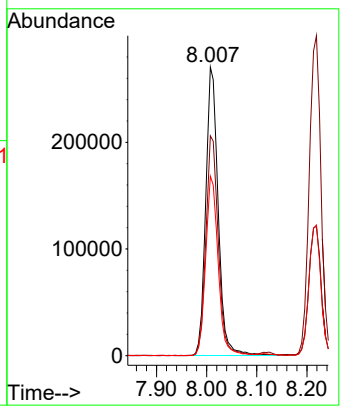


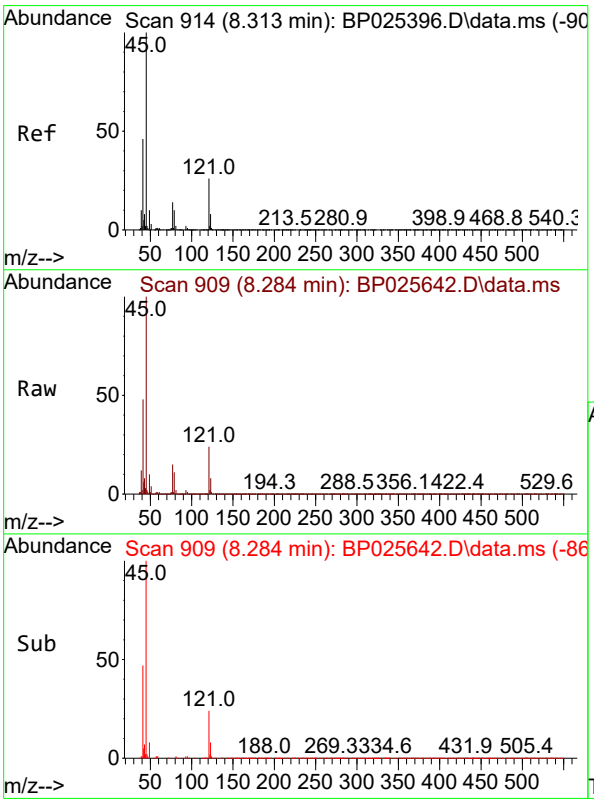
#15
Benzyl Alcohol
Concen: 50.520 ng
RT: 8.007 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 79 Resp: 466428

Ion	Ratio	Lower	Upper
79	100		
108	76.2	63.8	95.6
77	62.2	49.0	73.4

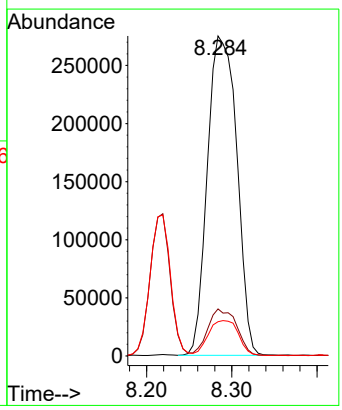


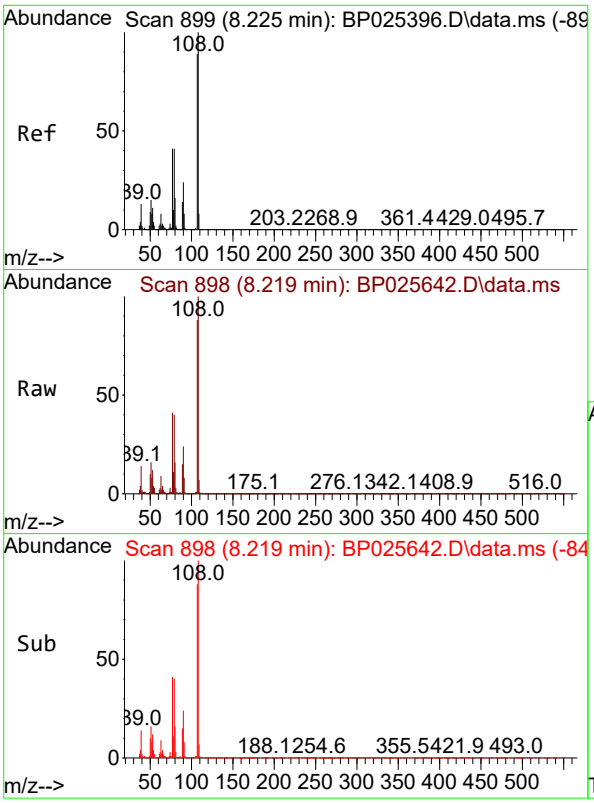


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.732 ng
RT: 8.284 min Scan# 909
Delta R.T. -0.030 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 45 Resp: 658583

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.3
79	10.7	0.0	31.8



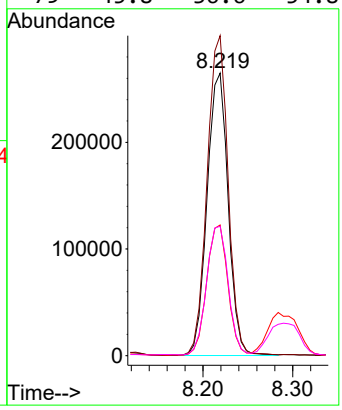


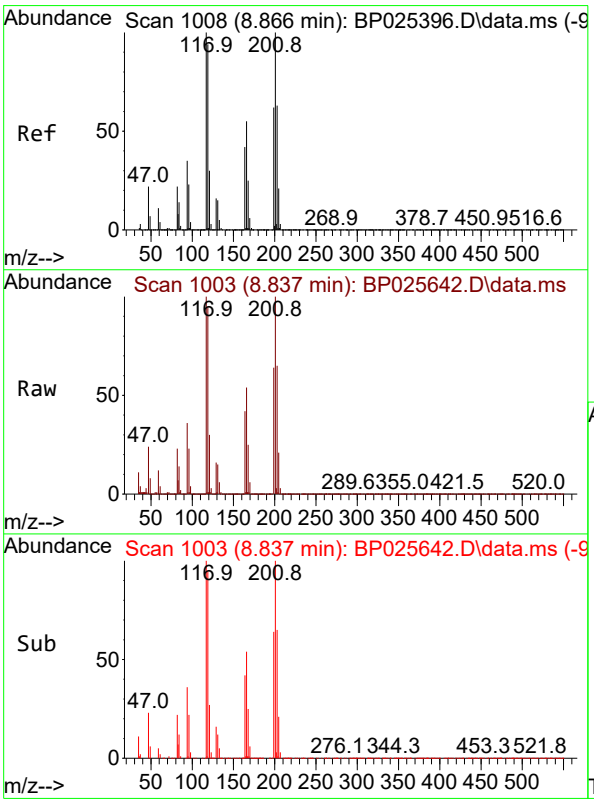
#17
2-Methylphenol
Concen: 51.006 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:107 Resp: 431924

Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.0
77	46.2	36.3	54.5
79	45.8	36.6	54.8

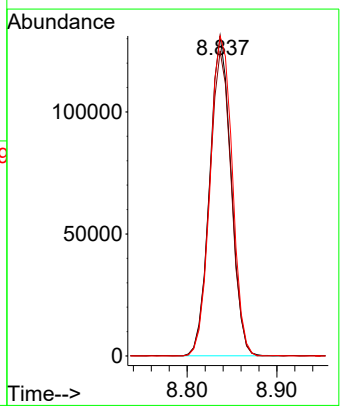


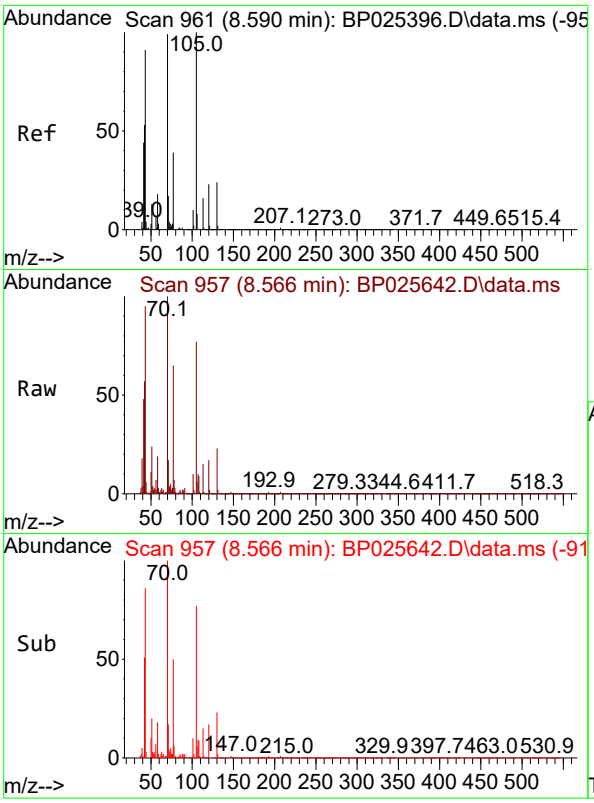


#18
Hexachloroethane
Concen: 51.275 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.030 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:117 Resp: 217306

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.1	112.7
201	100.0	80.1	120.1



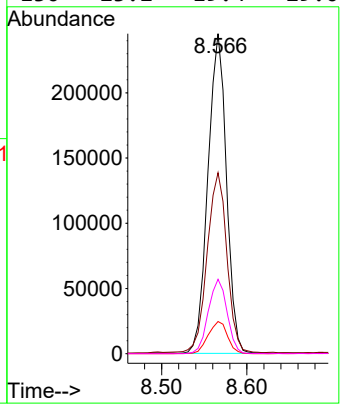


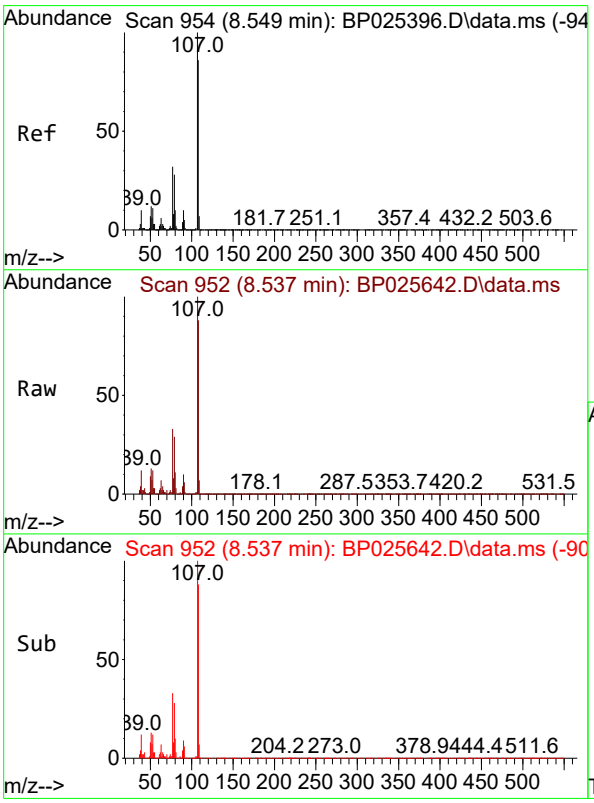
#19
n-Nitroso-di-n-propylamine
Concen: 48.139 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 70 Resp: 370511

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.8	65.6
101	10.0	8.5	12.7
130	23.2	19.4	29.0

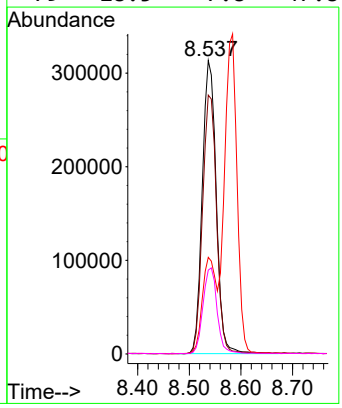


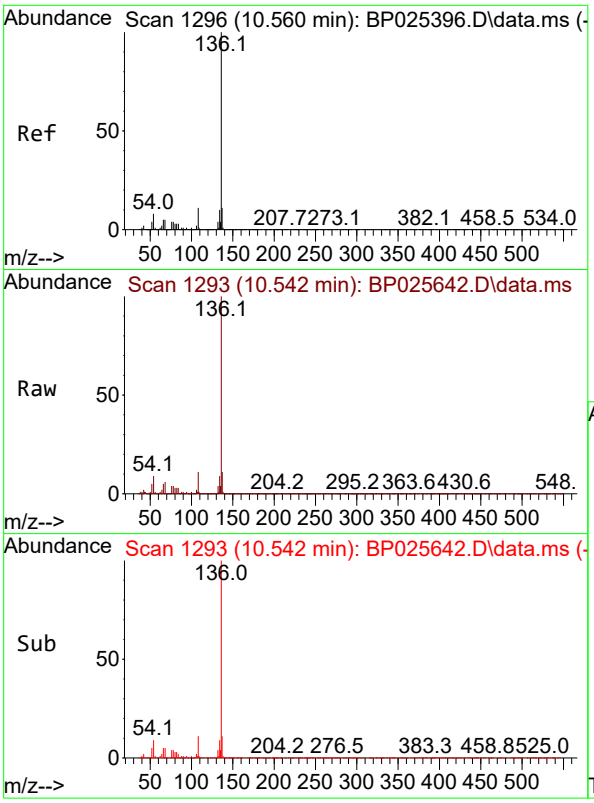


#20
3+4-Methylphenols
Concen: 49.944 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:107 Resp: 586247

Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.3	106.3
77	33.0	12.3	52.3
79	28.5	7.8	47.8



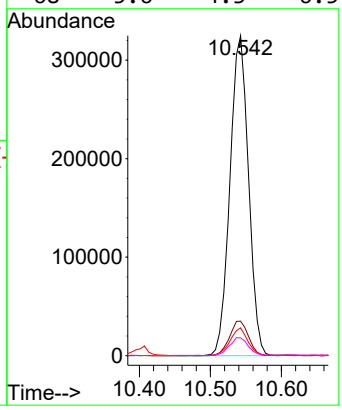


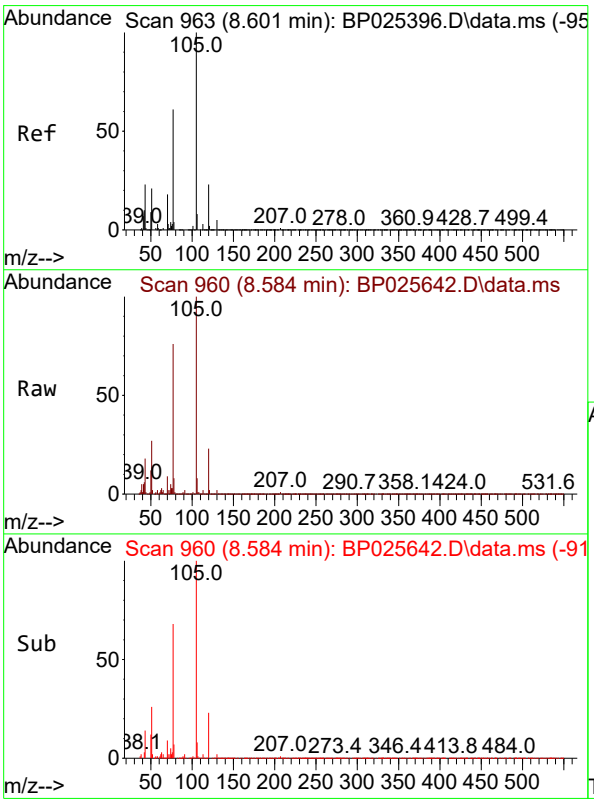
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:136 Resp: 590486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.7	6.0	9.0
68	5.6	4.3	6.5

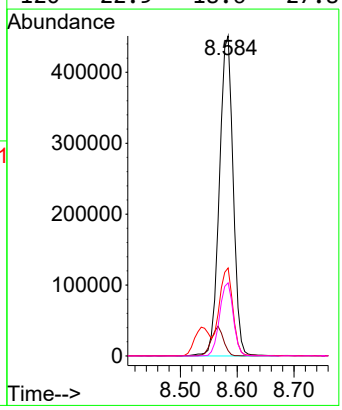


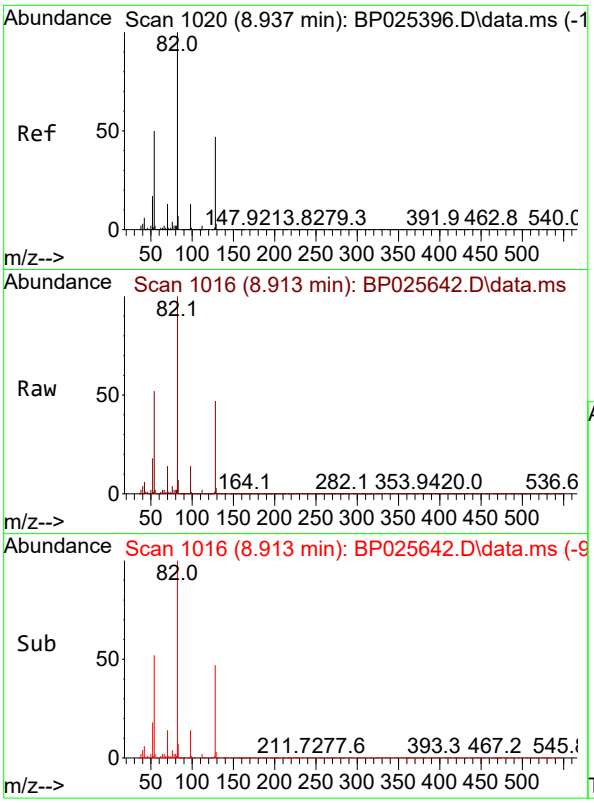


#22
Acetophenone
Concen: 51.372 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:105 Resp: 760722

Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	4.0#
51	27.5	20.6	30.8
120	22.9	18.6	27.8



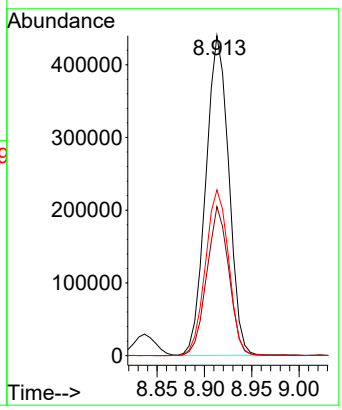


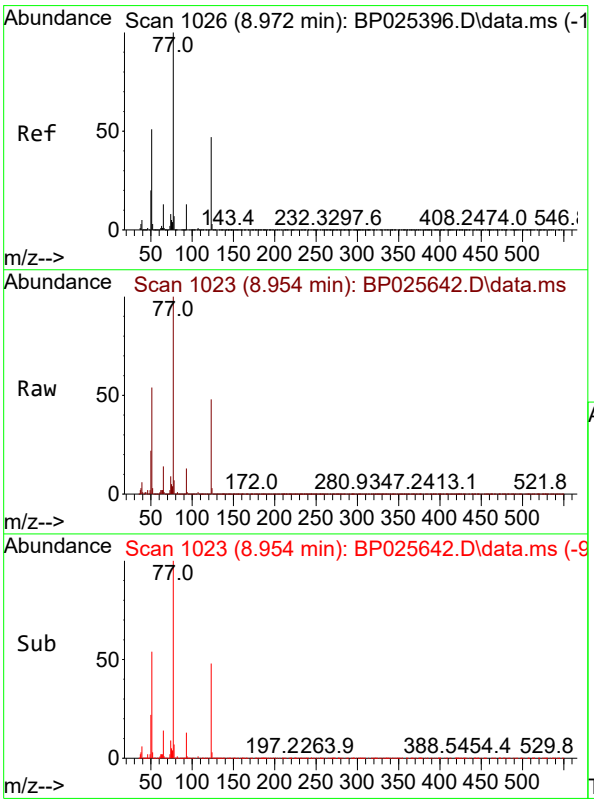
#23
Nitrobenzene-d5
Concen: 63.388 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 82 Resp: 739925

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	51.8	39.8	59.6

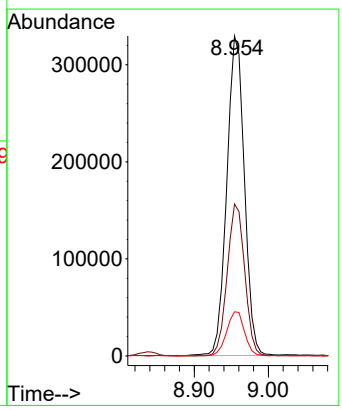


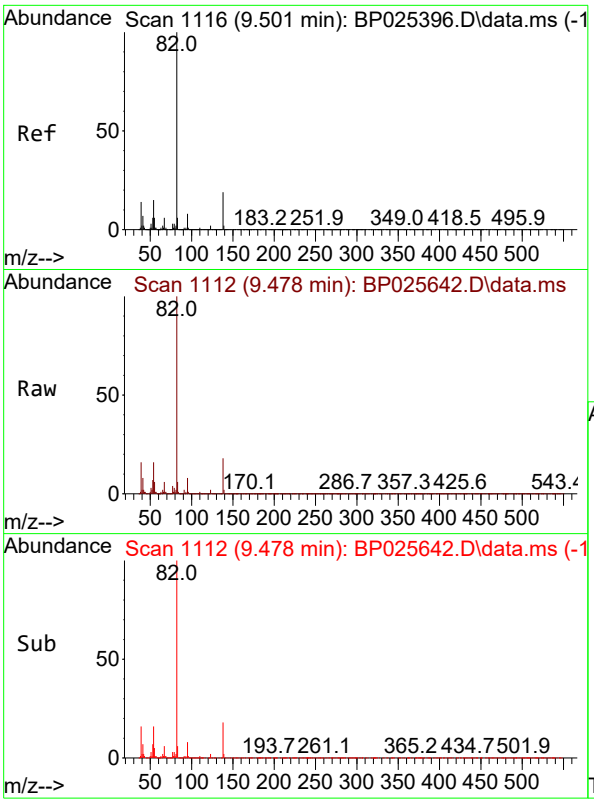


#24
Nitrobenzene
Concen: 51.979 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 77 Resp: 542261

Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.6	58.0
65	13.8	10.6	15.8



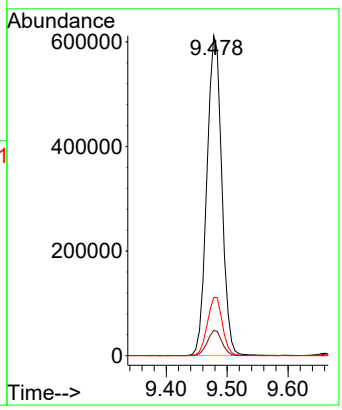


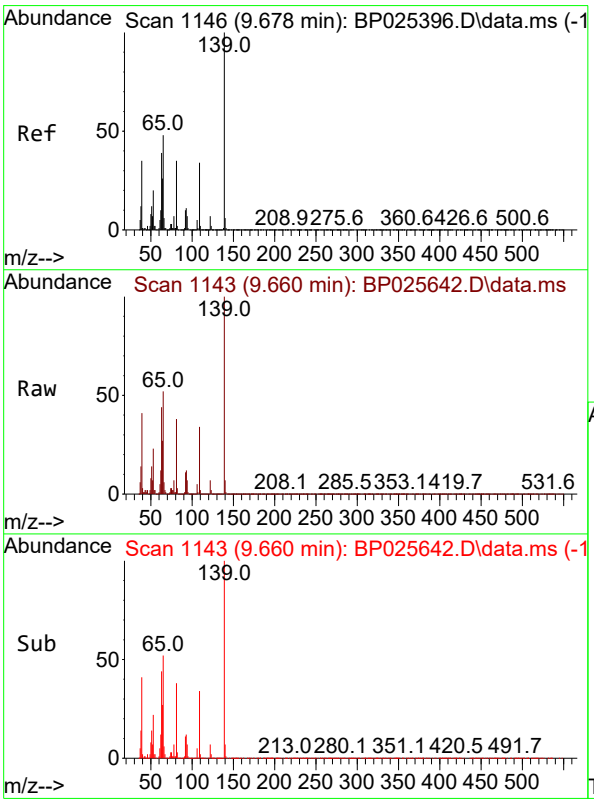
#25
Isophorone
Concen: 50.392 ng
RT: 9.478 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 82 Resp: 1041000

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	18.2	15.4	23.0

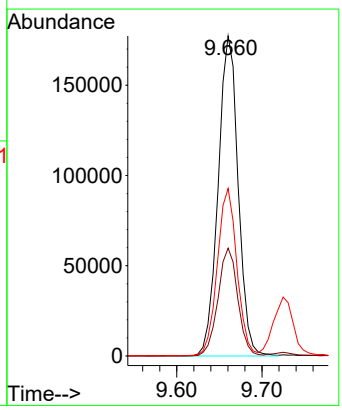


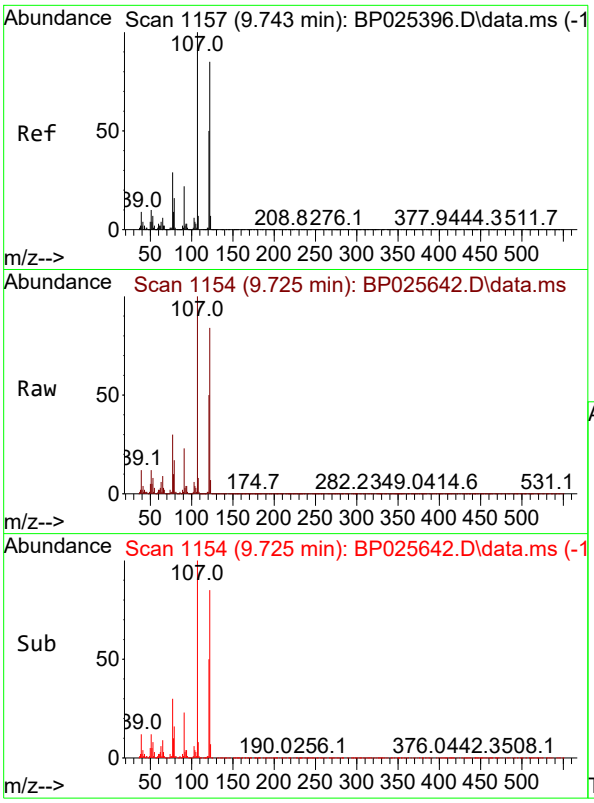


#26
2-Nitrophenol
Concen: 53.963 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:139 Resp: 288917

Ion	Ratio	Lower	Upper
139	100		
109	33.7	26.9	40.3
65	52.3	38.3	57.5



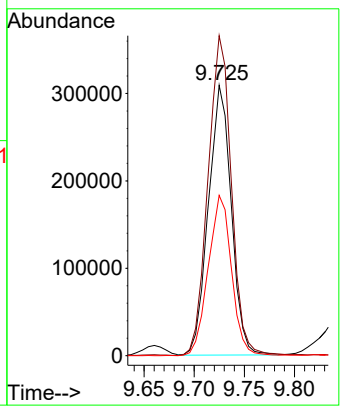


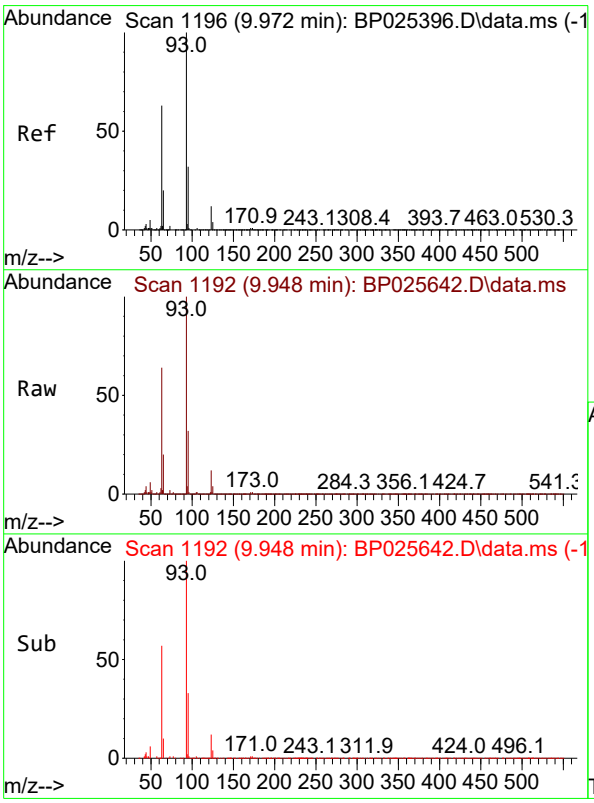
#27
2,4-Dimethylphenol
Concen: 53.192 ng
RT: 9.725 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:122 Resp: 489749

Ion	Ratio	Lower	Upper
122	100		
107	118.4	93.7	140.5
121	59.3	46.6	69.8

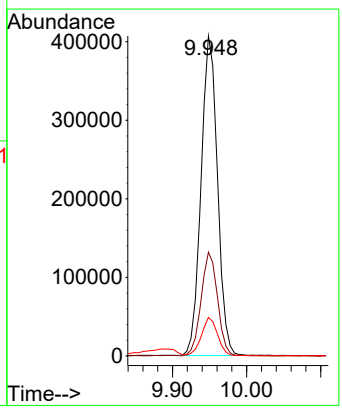


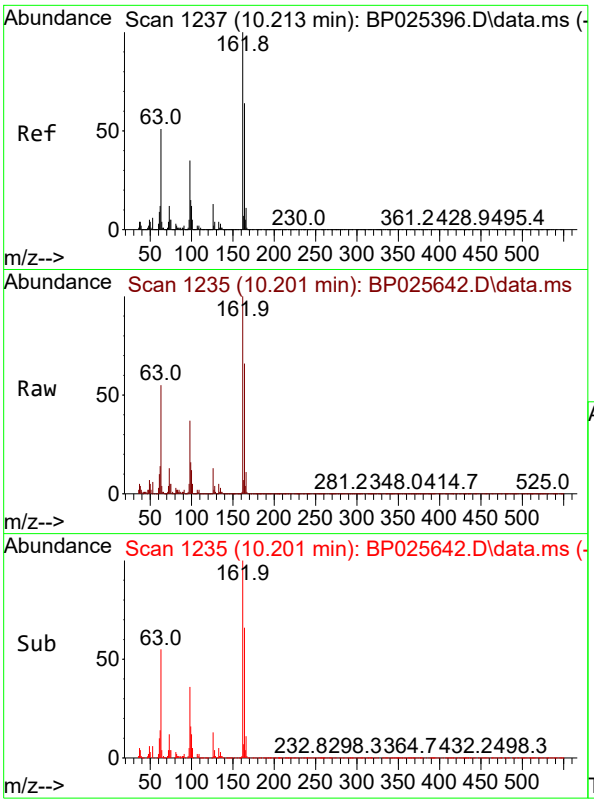


#28
bis(2-Chloroethoxy)methane
Concen: 50.078 ng
RT: 9.948 min Scan# 1192
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 93 Resp: 625345

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.0
123	12.1	9.4	14.0



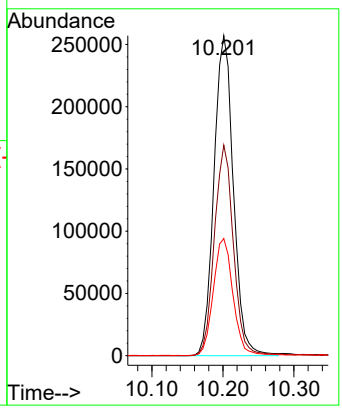


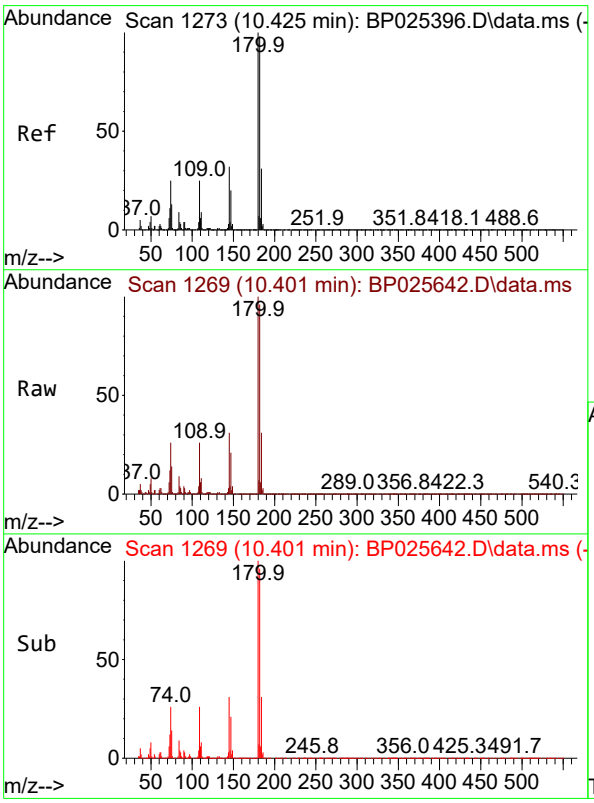
#29
2,4-Dichlorophenol
Concen: 53.244 ng
RT: 10.201 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:162 Resp: 486989

Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.4	84.4
98	36.6	14.9	54.9

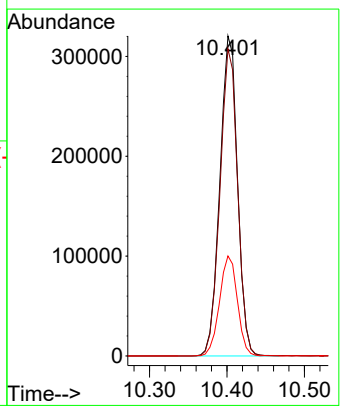


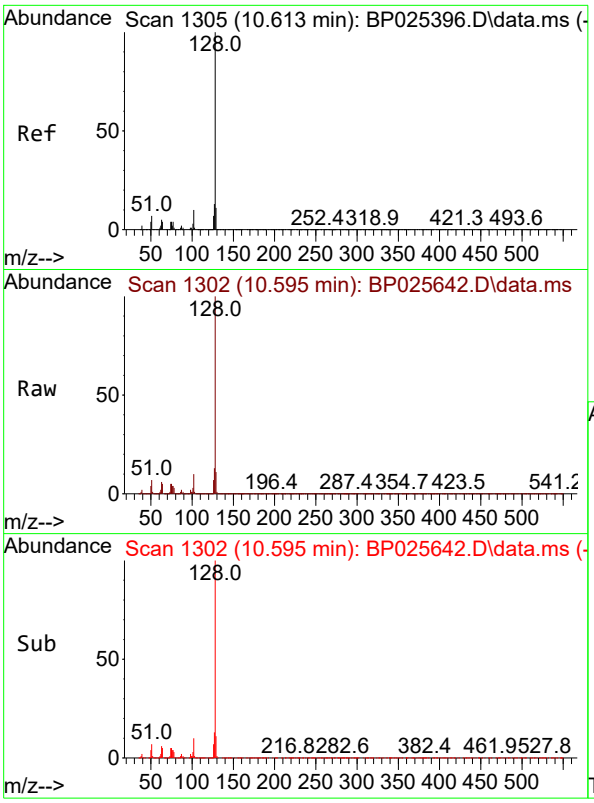


#30
1,2,4-Trichlorobenzene
Concen: 50.722 ng
RT: 10.401 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:180 Resp: 508562

Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.0	117.0
145	31.3	25.9	38.9



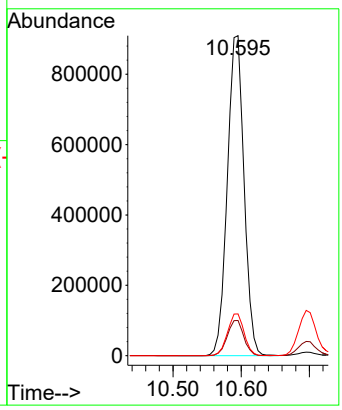


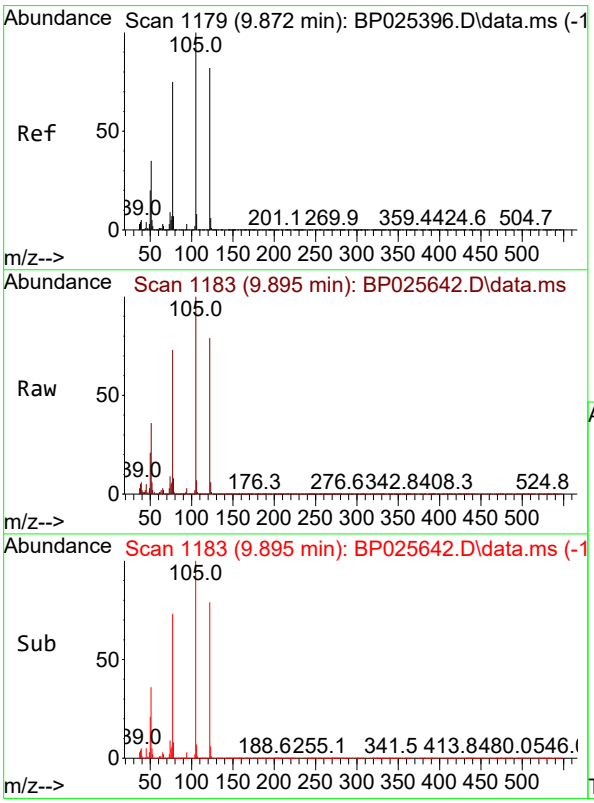
#31
Naphthalene
Concen: 50.593 ng
RT: 10.595 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:128 Resp: 1552751

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.1	10.7	16.1

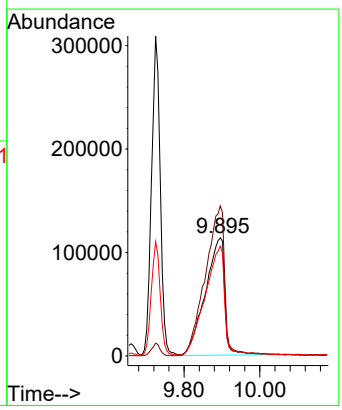


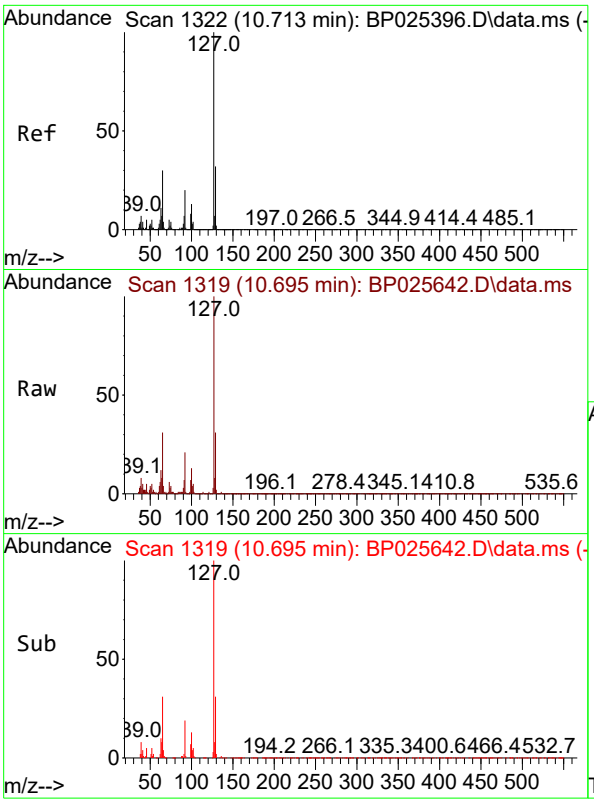


#32
Benzoic acid
Concen: 59.748 ng
RT: 9.895 min Scan# 1183
Delta R.T. 0.023 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:122 Resp: 406137

Ion	Ratio	Lower	Upper
122	100		
105	127.0	100.6	140.6
77	92.9	71.5	111.5



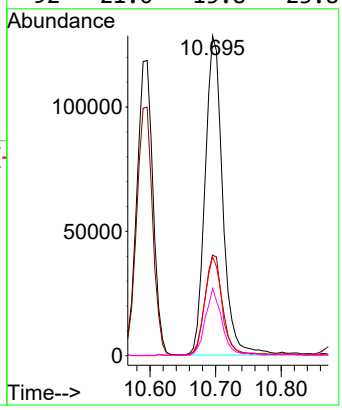


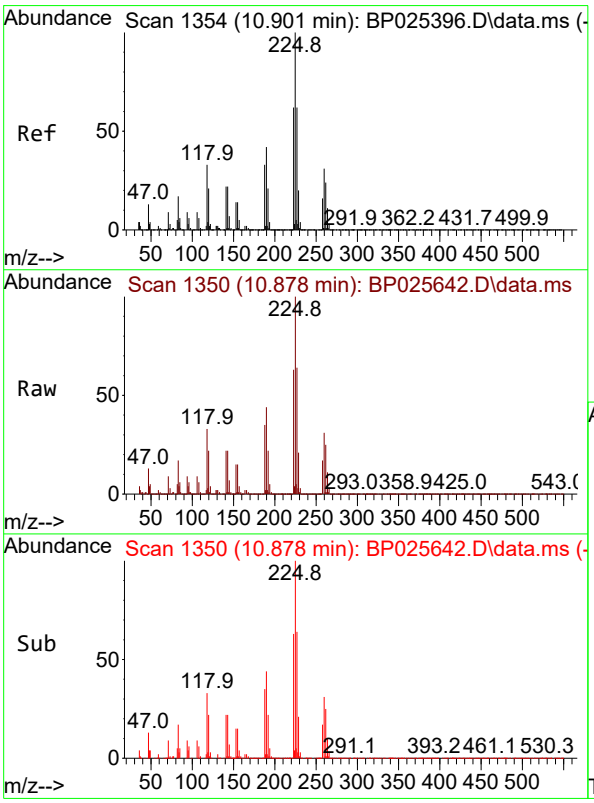
#33
4-Chloroaniline
Concen: 17.724 ng
RT: 10.695 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:127 Resp: 240277

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	30.9	23.8	35.6
92	21.0	15.8	23.8

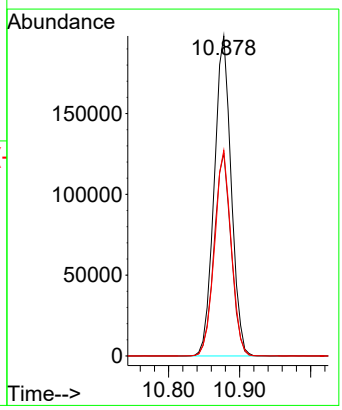


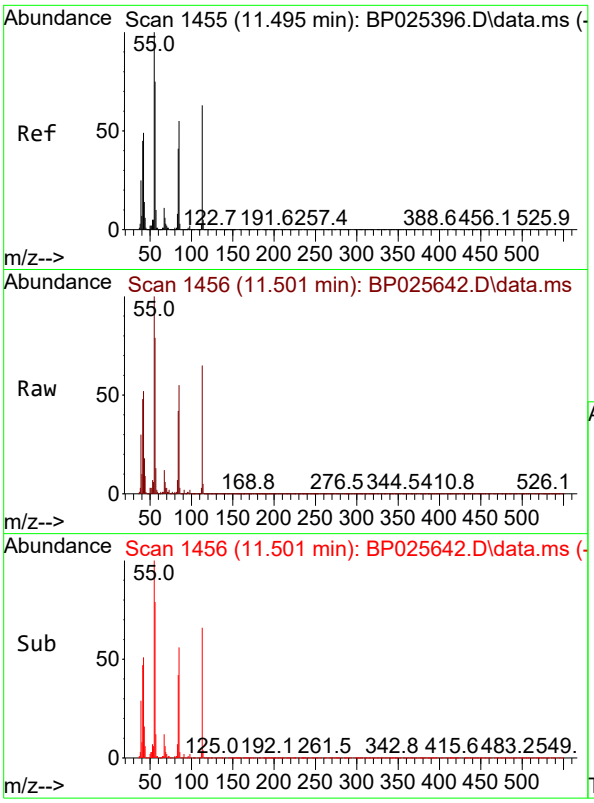


#34
Hexachlorobutadiene
Concen: 52.452 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:225 Resp: 327520

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	64.2	49.7	74.5



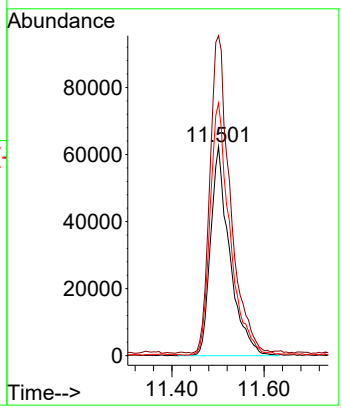


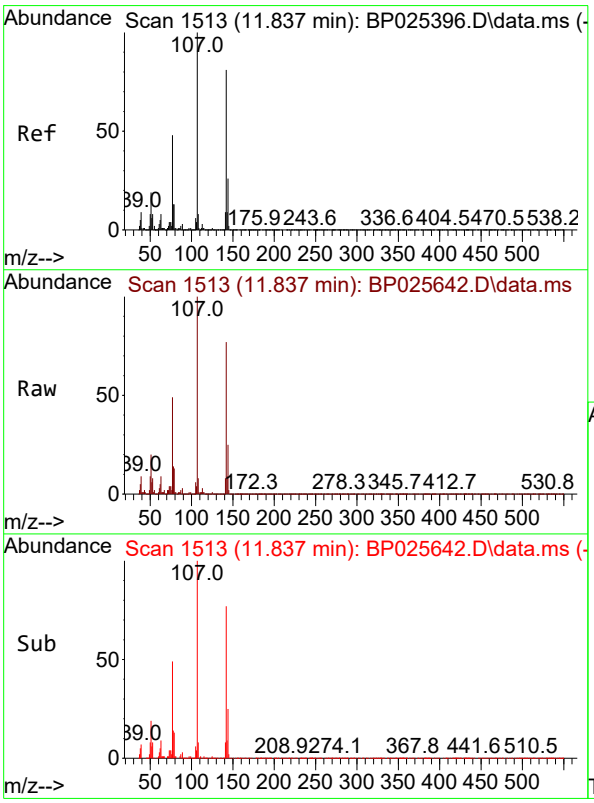
#35
Caprolactam
Concen: 53.361 ng
RT: 11.501 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:113 Resp: 178963

Ion	Ratio	Lower	Upper
113	100		
55	153.0	140.0	180.0
56	120.8	100.0	140.0

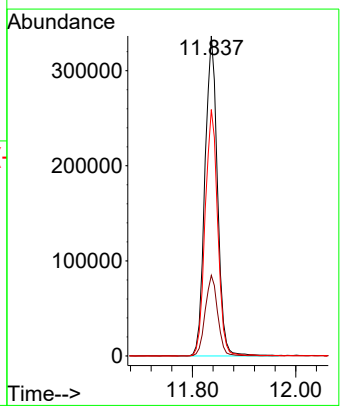


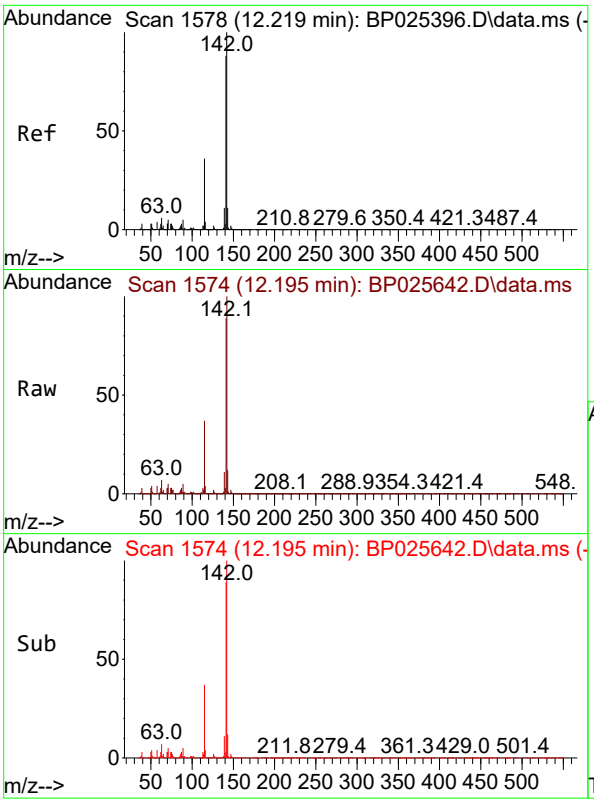


#36
4-Chloro-3-methylphenol
Concen: 53.828 ng
RT: 11.837 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:107 Resp: 564938

Ion	Ratio	Lower	Upper
107	100		
144	25.2	21.0	31.4
142	77.0	64.6	97.0



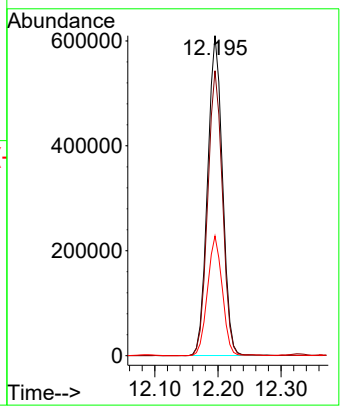


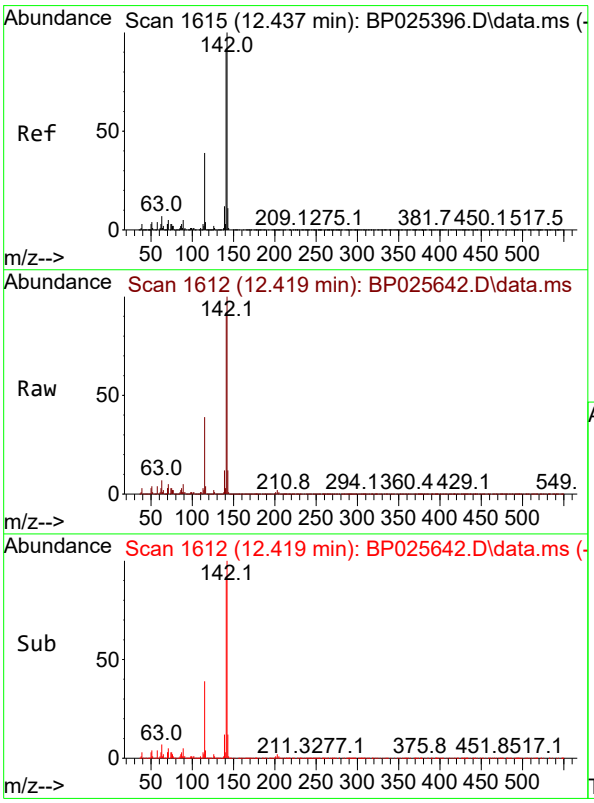
#37
2-Methylnaphthalene
Concen: 49.967 ng
RT: 12.195 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:142 Resp: 997978

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.4	28.9	43.3

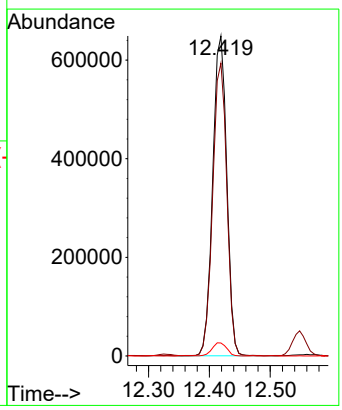


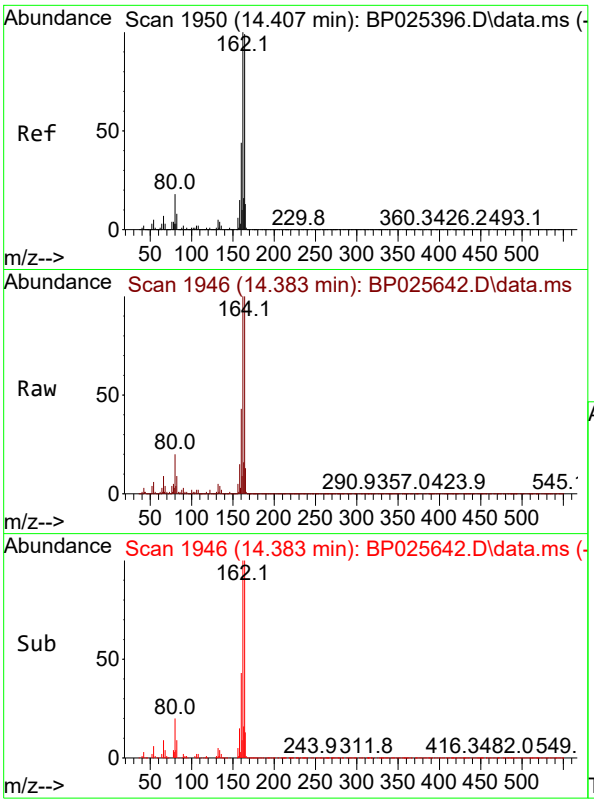


#38
1-Methylnaphthalene
Concen: 48.874 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:142 Resp: 1038091

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.1	109.7
116	4.0	3.2	4.8



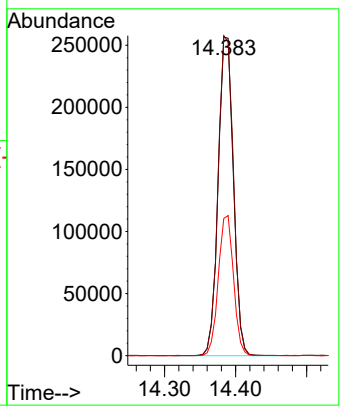


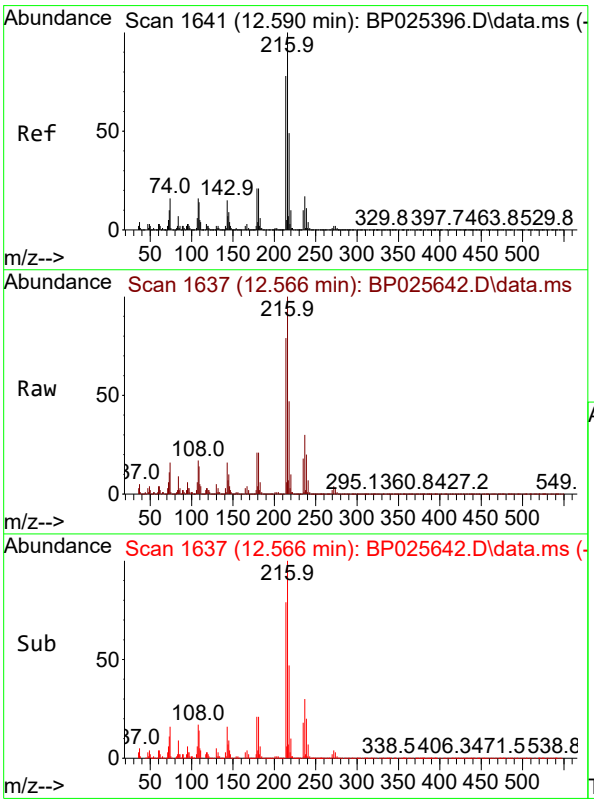
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.383 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:164 Resp: 380282

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.6
160	43.1	35.4	53.2

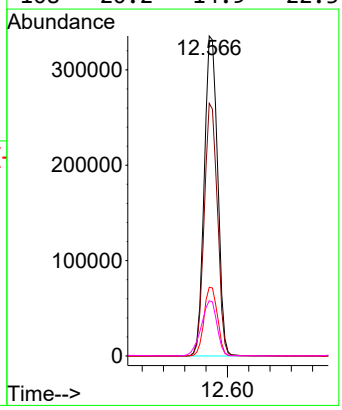


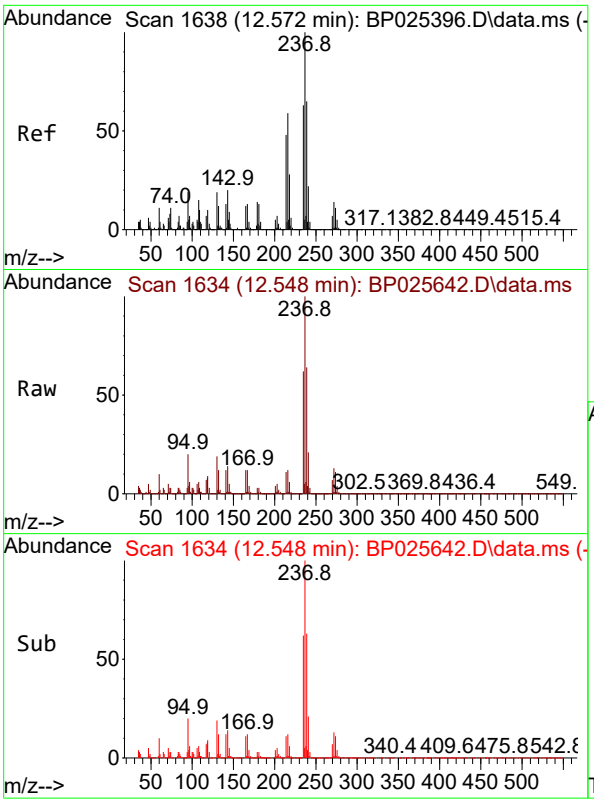


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.114 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:216 Resp: 583346

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	21.6	17.1	25.7
108	20.2	14.9	22.3



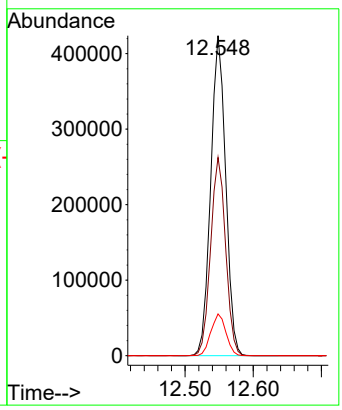


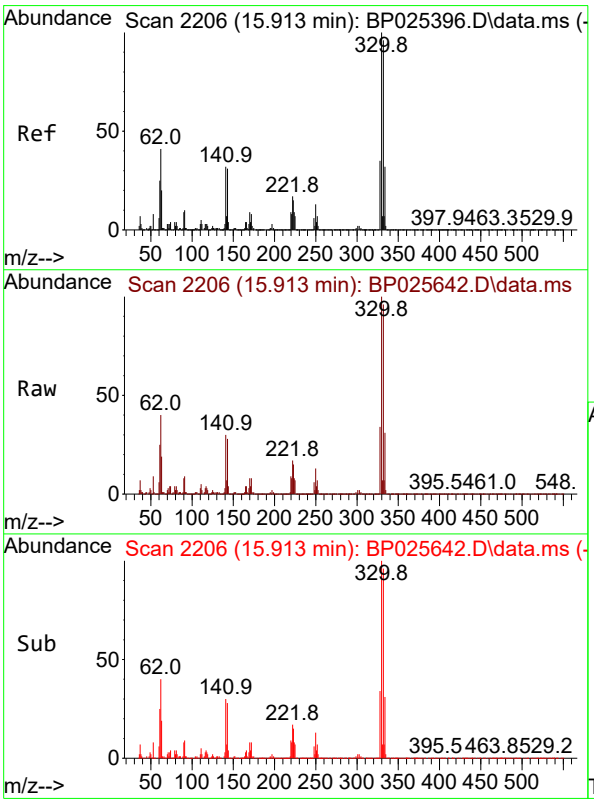
#41
Hexachlorocyclopentadiene
Concen: 97.560 ng
RT: 12.548 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:237 Resp: 647230

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.7	82.7
272	13.0	0.0	34.0

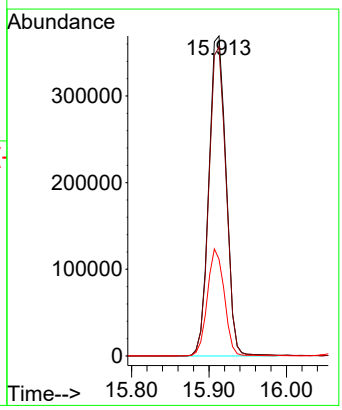


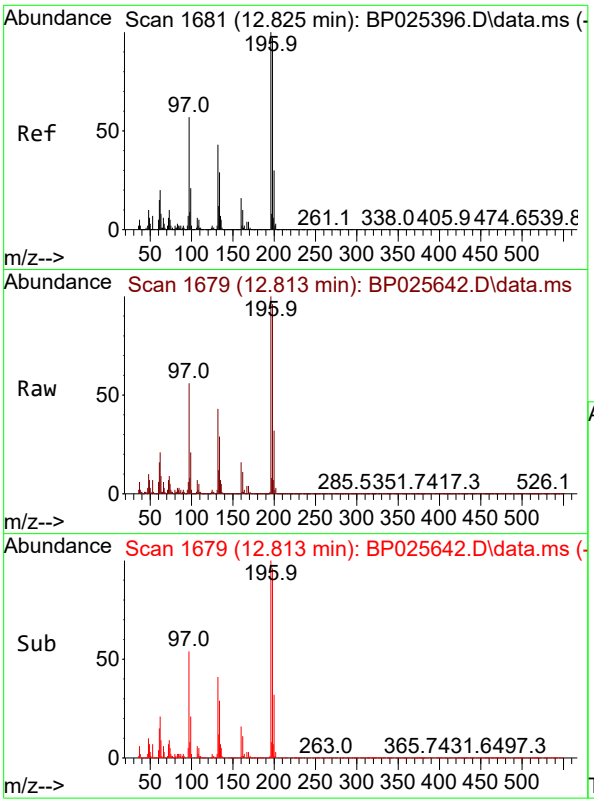


#42
2,4,6-Tribromophenol
Concen: 111.084 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:330 Resp: 568596

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.0	26.6	39.8



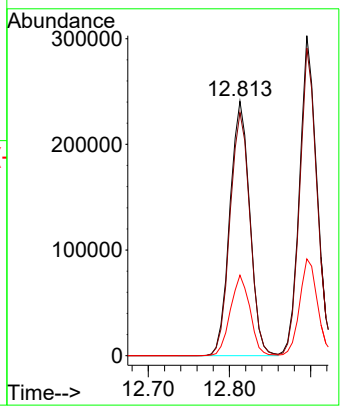


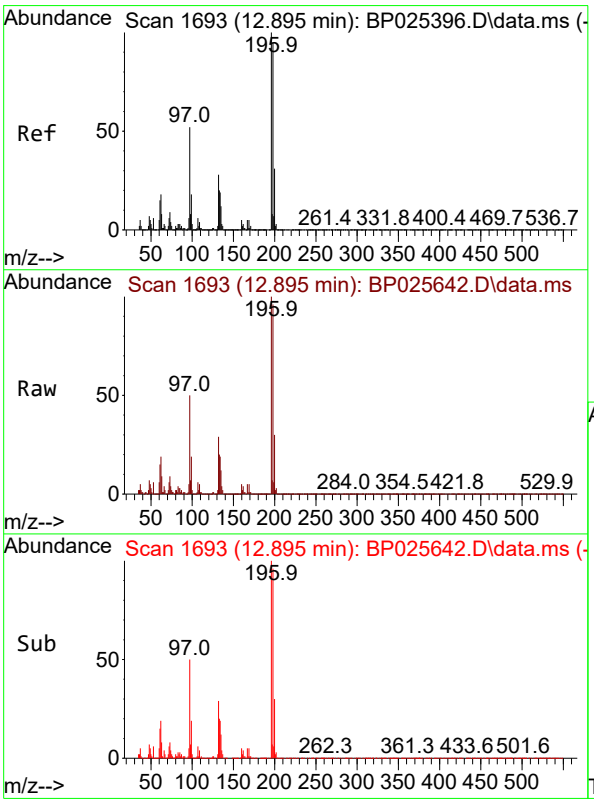
#43
2,4,6-Trichlorophenol
Concen: 55.383 ng
RT: 12.813 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:196 Resp: 410652

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
200	31.6	23.9	35.9

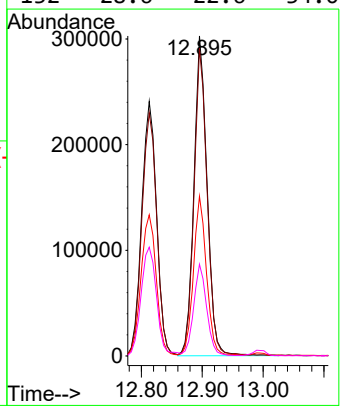


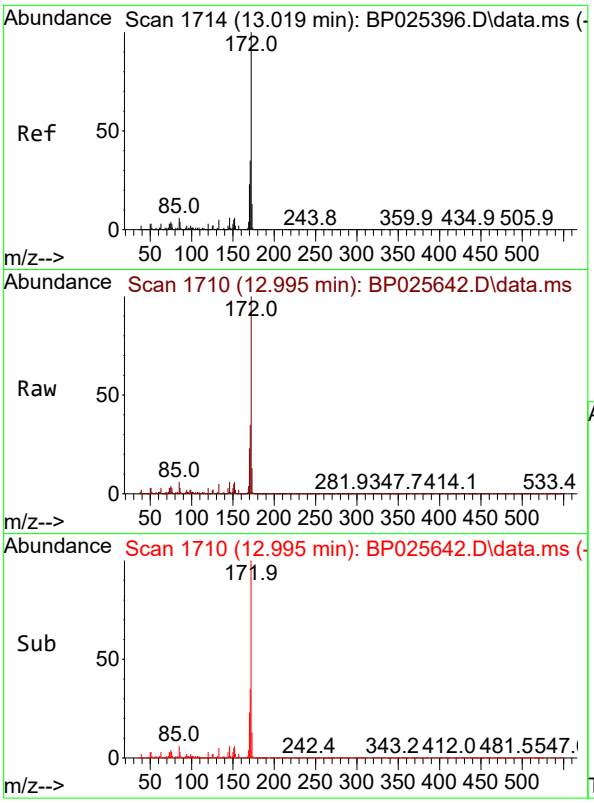


#44
2,4,5-Trichlorophenol
Concen: 56.035 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:196 Resp: 455356

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
97	49.9	41.2	61.8
132	28.6	22.6	34.0



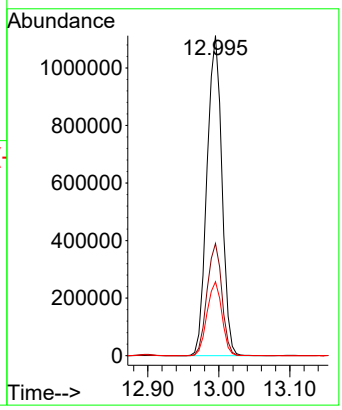


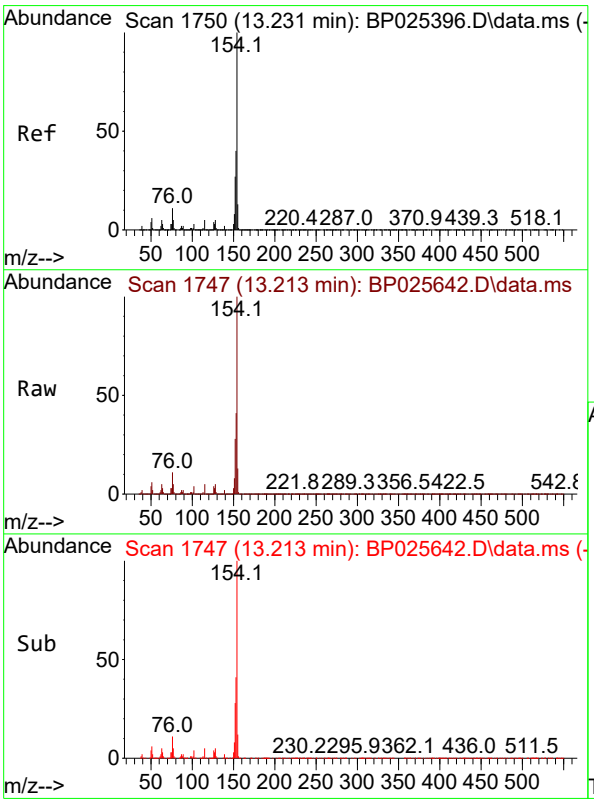
#45
2-Fluorobiphenyl
Concen: 58.302 ng
RT: 12.995 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:172 Resp: 1622254

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.1	18.6	28.0

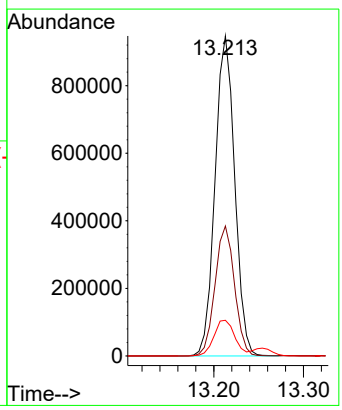


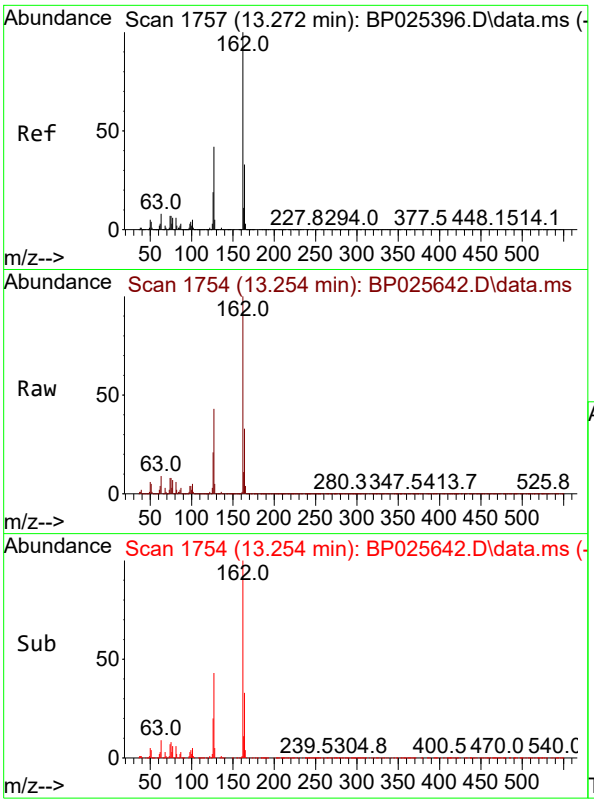


#46
1,1'-Biphenyl
Concen: 52.084 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:154 Resp: 1438478

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.5	59.5
76	11.2	0.0	31.1



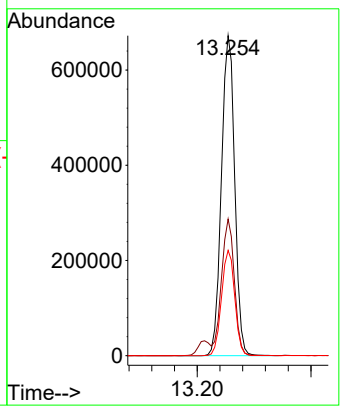


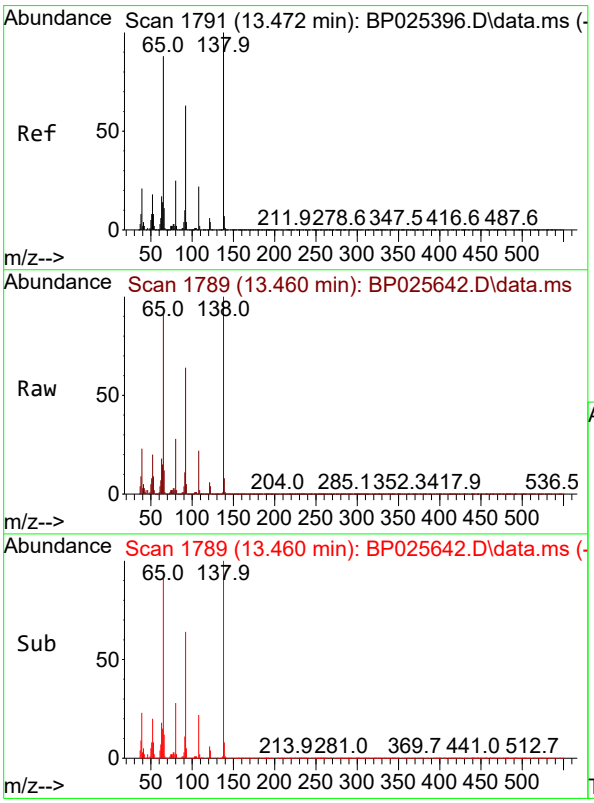
#47
2-Chloronaphthalene
Concen: 50.877 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:162 Resp: 1093886

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.4	50.2
164	32.9	26.2	39.2

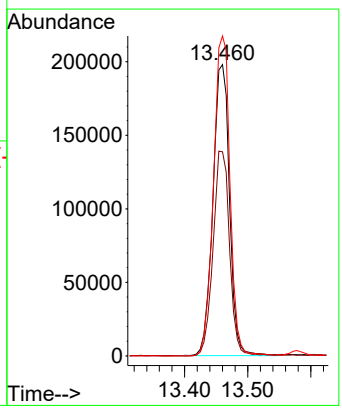


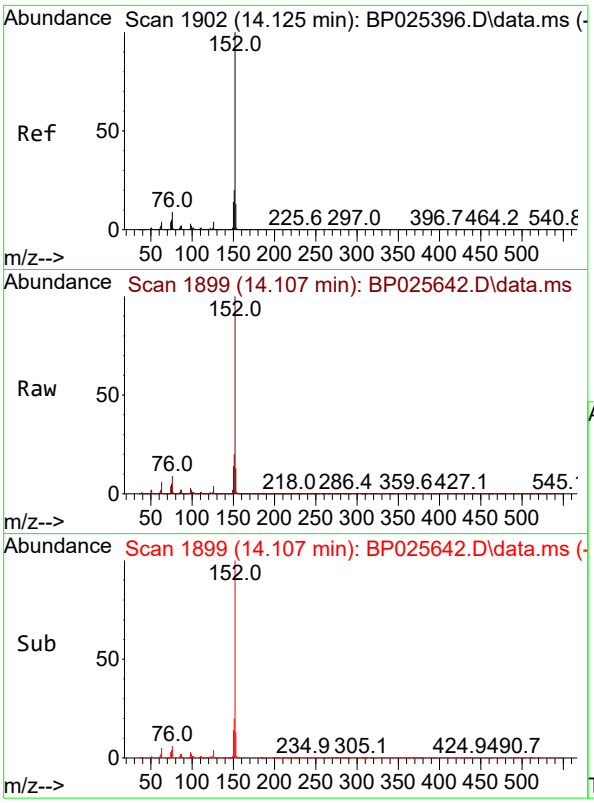


#48
2-Nitroaniline
Concen: 57.750 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion: 65 Resp: 361791

Ion	Ratio	Lower	Upper
65	100		
92	70.1	57.6	86.4
138	109.8	91.0	136.6



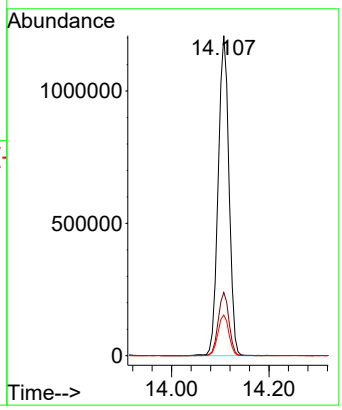


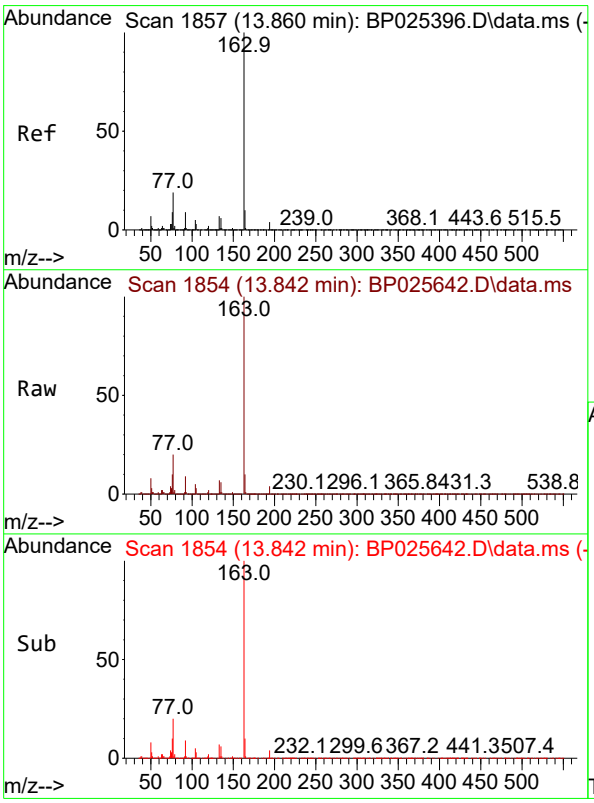
#49
Acenaphthylene
Concen: 52.328 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:152 Resp: 1861693

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.7	10.6	15.8

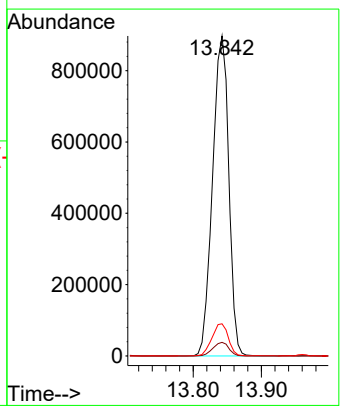


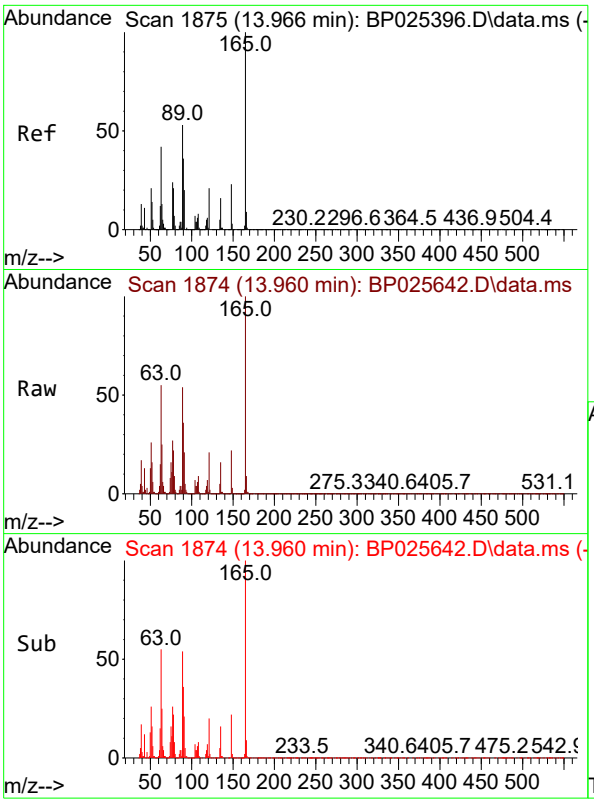


#50
Dimethylphthalate
Concen: 53.413 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:163 Resp: 1487417

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9



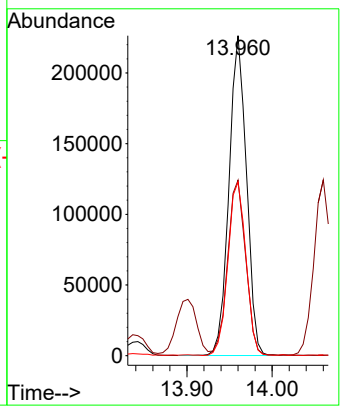


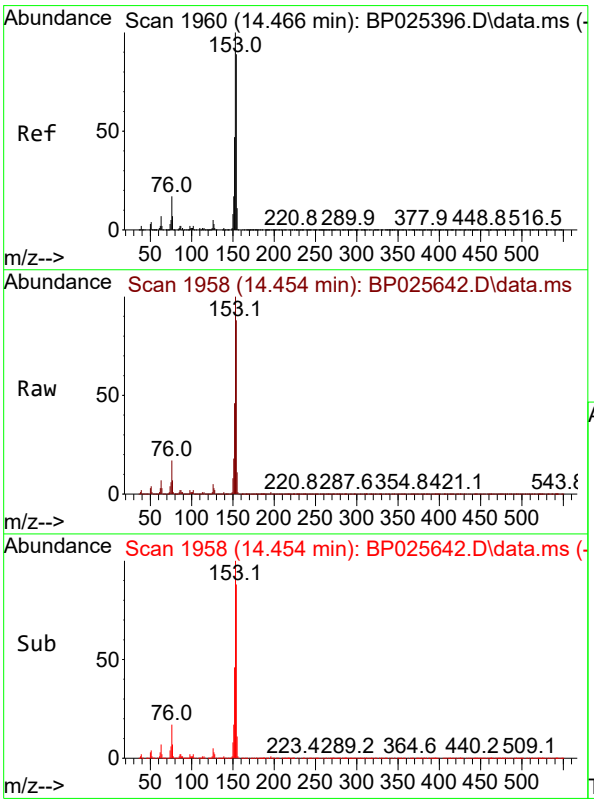
#51
2,6-Dinitrotoluene
Concen: 54.984 ng
RT: 13.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:165 Resp: 322726

Ion	Ratio	Lower	Upper
165	100		
63	54.9	40.9	61.3
89	54.2	42.1	63.1

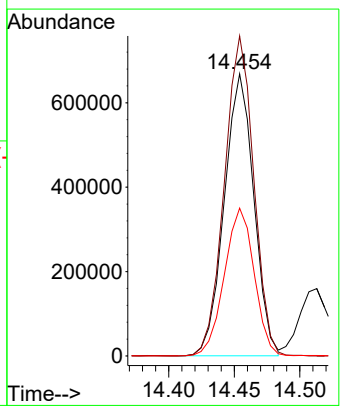


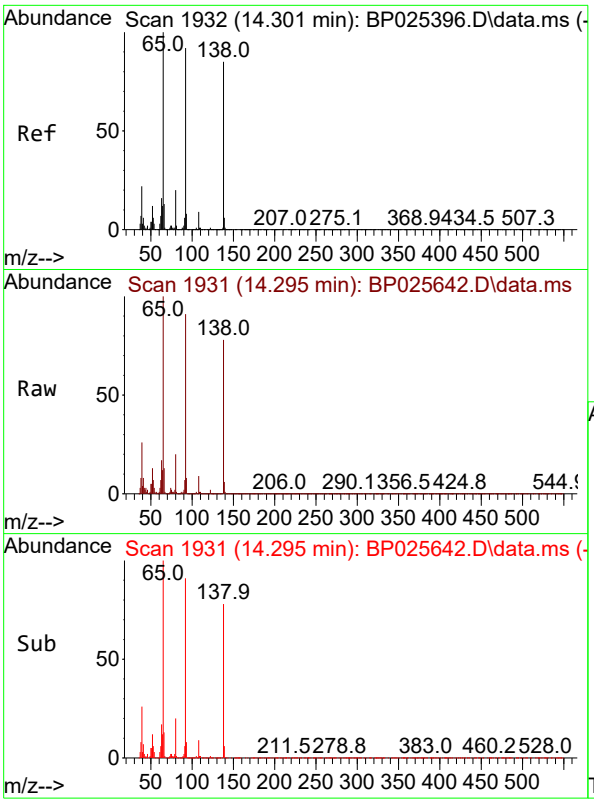


#52
Acenaphthene
Concen: 50.253 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:154 Resp: 1049445

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.2
152	52.4	42.1	63.1



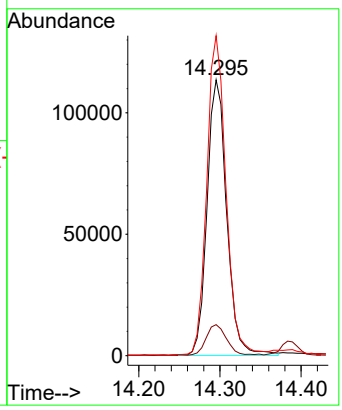


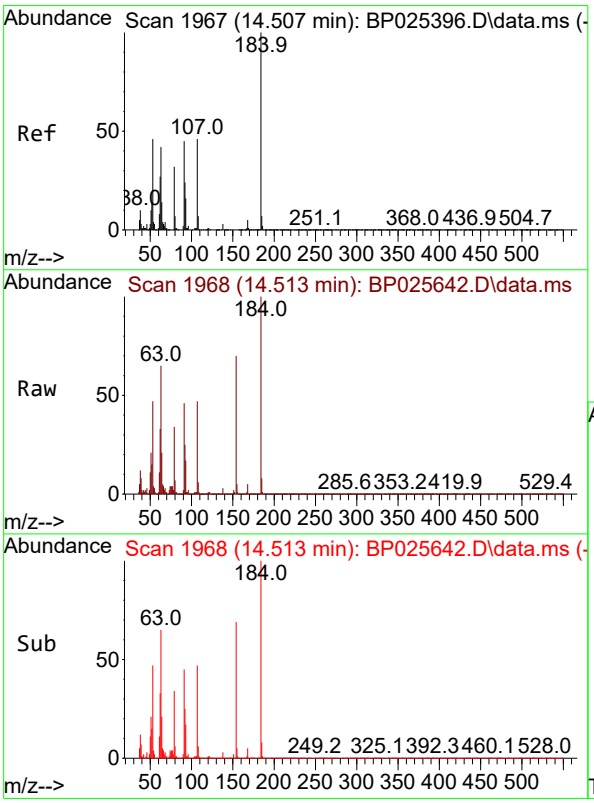
#53
3-Nitroaniline
Concen: 28.859 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:138 Resp: 190576

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	116.0	86.2	129.2

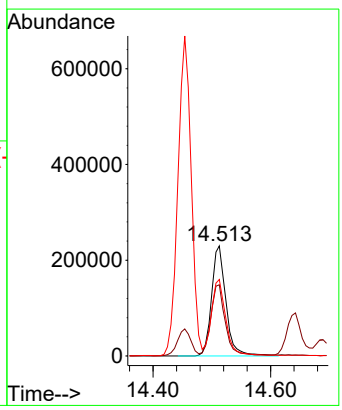


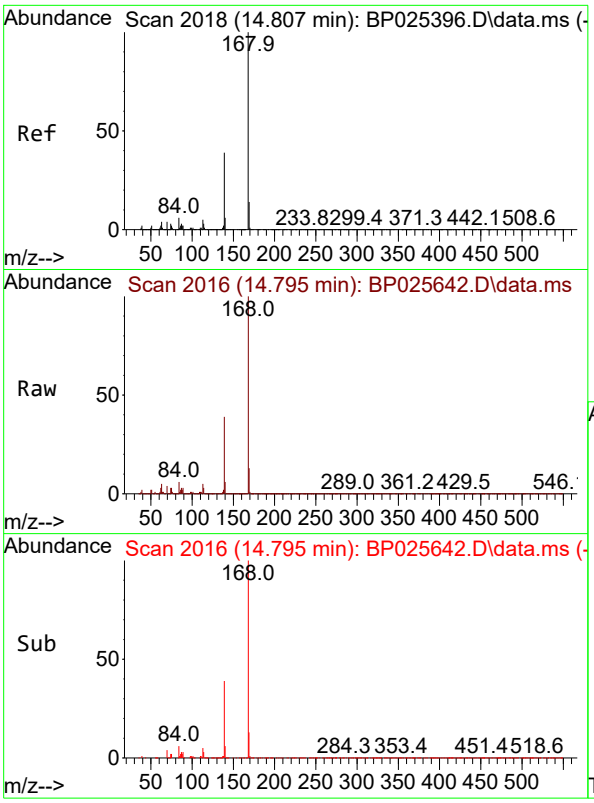


#54
2,4-Dinitrophenol
Concen: 124.872 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:184 Resp: 391406

Ion	Ratio	Lower	Upper
184	100		
63	64.7	49.4	74.2
154	69.5	54.6	82.0



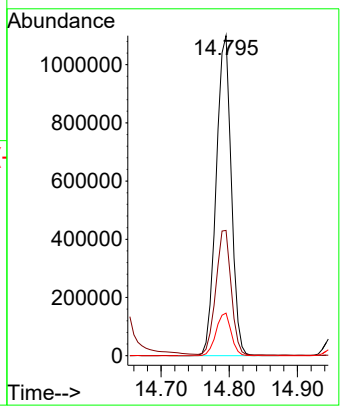


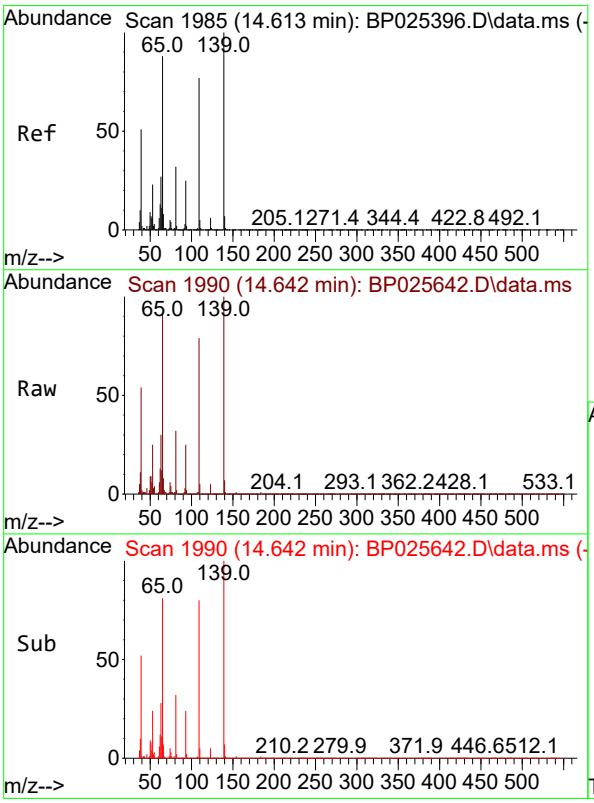
#55
Dibenzofuran
Concen: 51.284 ng
RT: 14.795 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:168 Resp: 1693213

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.5	47.3
169	13.3	10.9	16.3

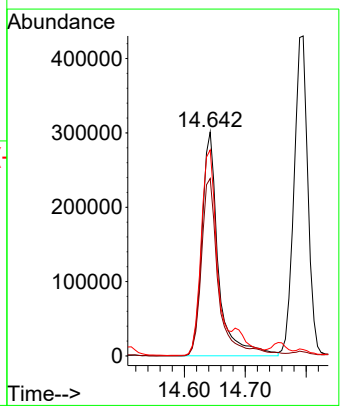


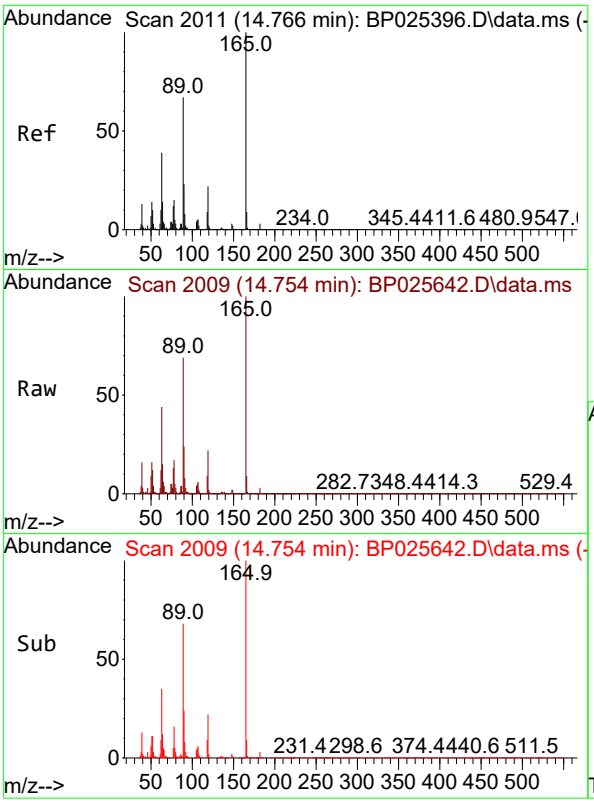


#56
4-Nitrophenol
Concen: 104.275 ng
RT: 14.642 min Scan# 1990
Delta R.T. 0.029 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:139 Resp: 565850

Ion	Ratio	Lower	Upper
139	100		
109	79.2	56.6	96.6
65	92.0	68.2	108.2



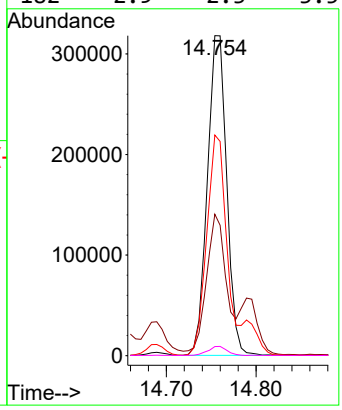


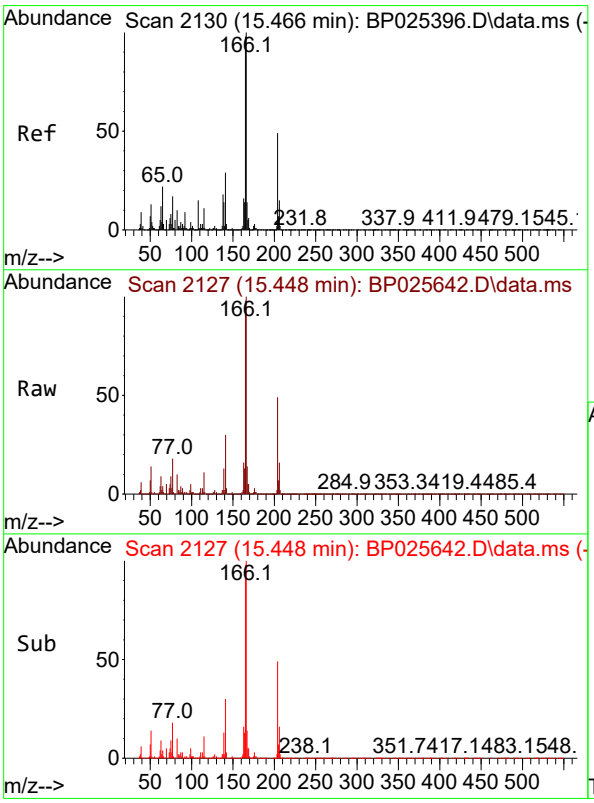
#57
2,4-Dinitrotoluene
Concen: 56.788 ng
RT: 14.754 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:165 Resp: 475557

Ion	Ratio	Lower	Upper
165	100		
63	44.2	31.4	47.2
89	69.0	53.3	79.9
182	2.9	2.3	3.5

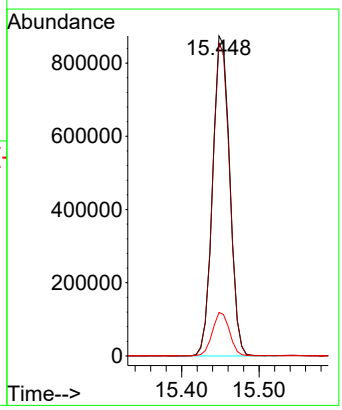


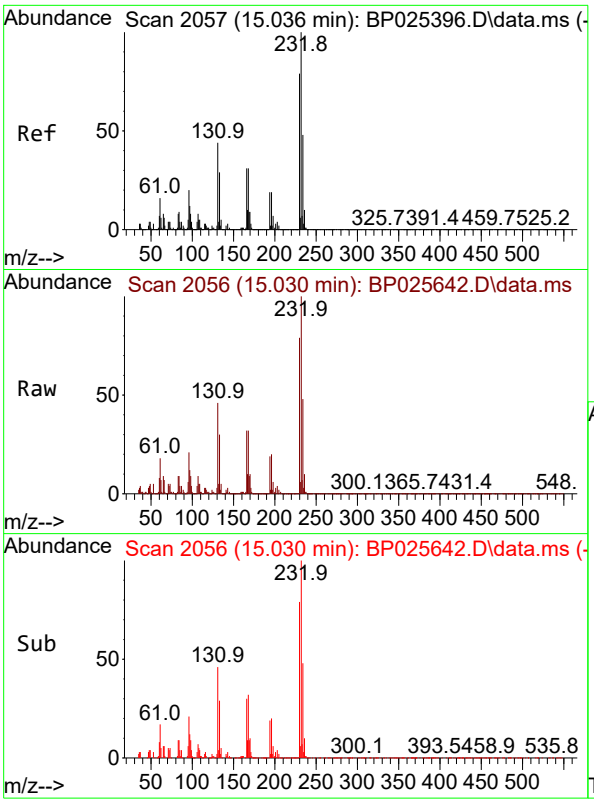


#58
Fluorene
Concen: 51.461 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:166 Resp: 1340672

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.6	11.0	16.4



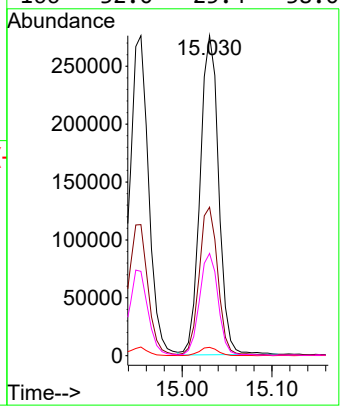


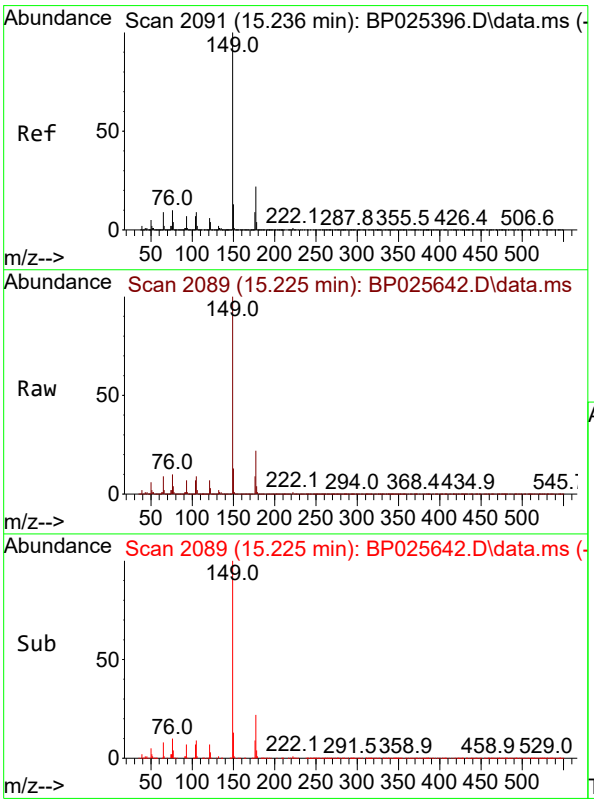
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.289 ng
RT: 15.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:232 Resp: 396720

Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.0	55.6
130	2.6	1.9	2.9
166	32.0	25.4	38.0

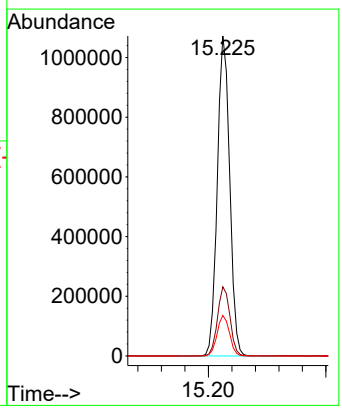


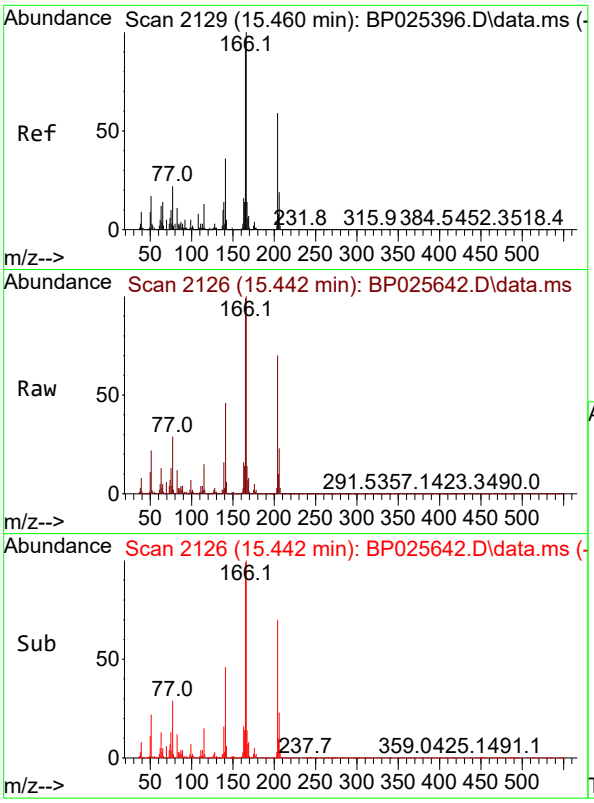


#60
Diethylphthalate
Concen: 55.326 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 1565509

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.7	10.3	15.5



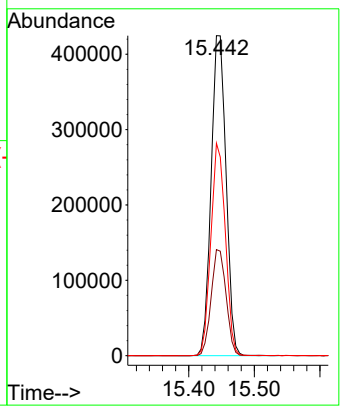


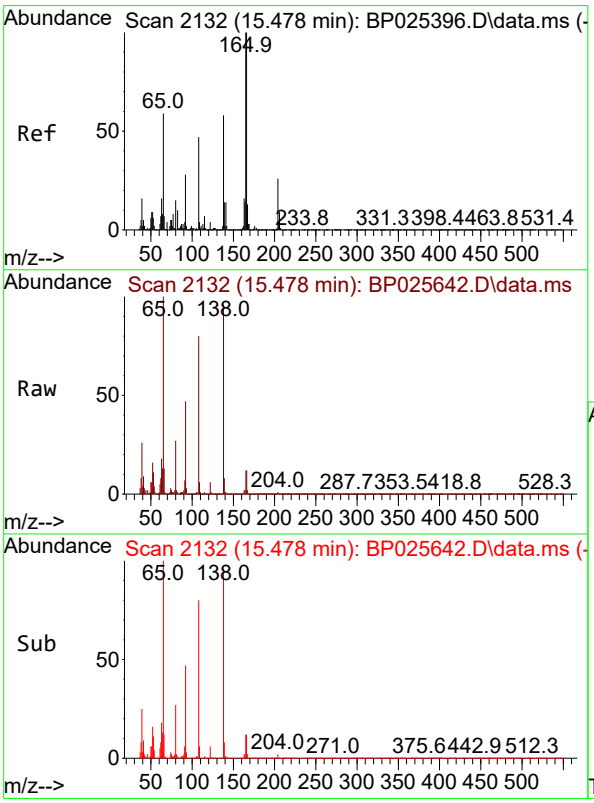
#61
4-Chlorophenyl-phenylether
Concen: 51.743 ng
RT: 15.442 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:204 Resp: 670418

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	66.4	49.4	74.2

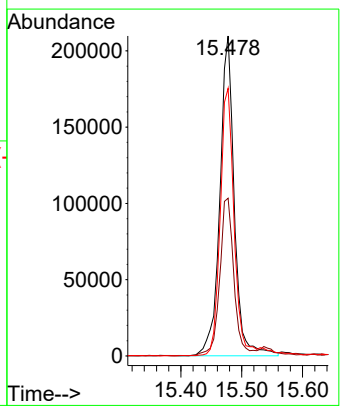


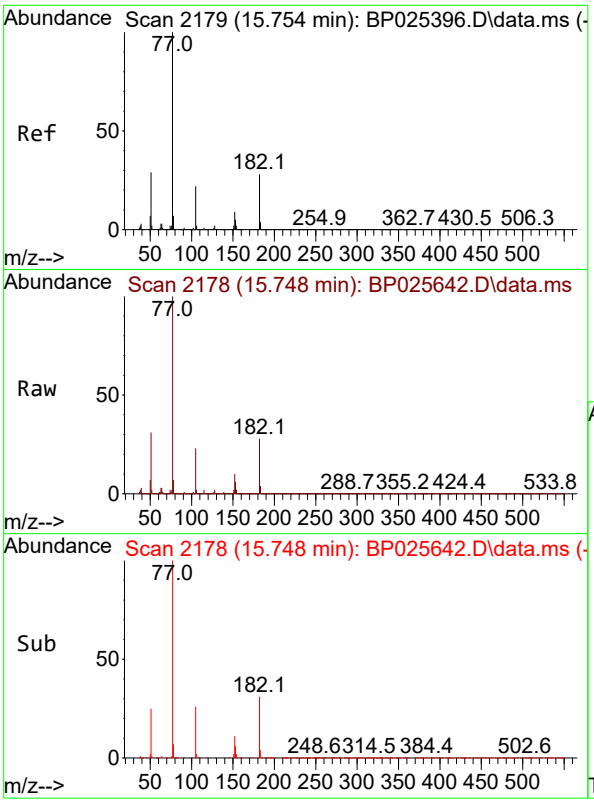


#62
4-Nitroaniline
Concen: 51.170 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:138 Resp: 346415

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.1	69.1
108	83.6	61.5	101.5



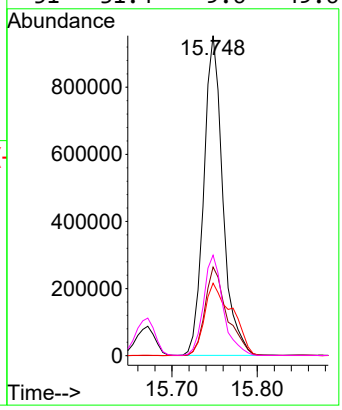


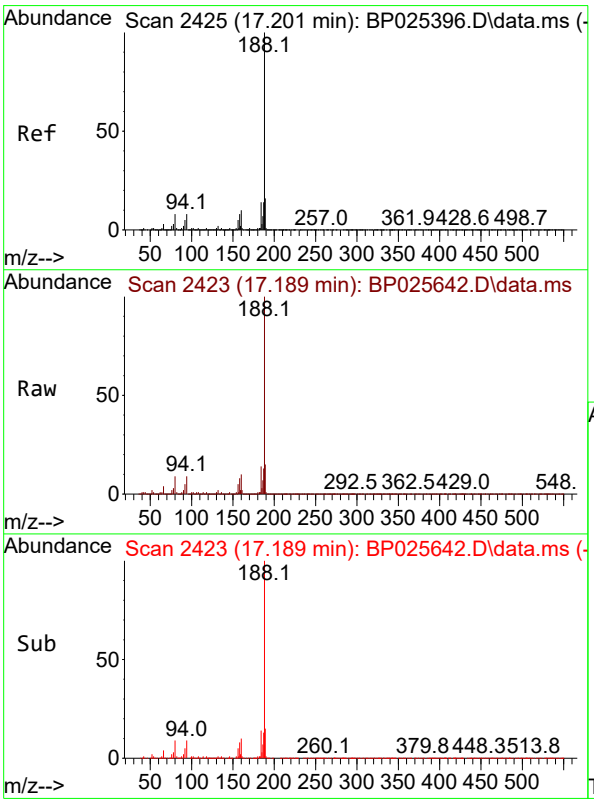
#63
Azobenzene
Concen: 61.019 ng
RT: 15.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion: 77 Resp: 1478425

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.5	47.5
105	22.6	2.1	42.1
51	31.4	9.6	49.6

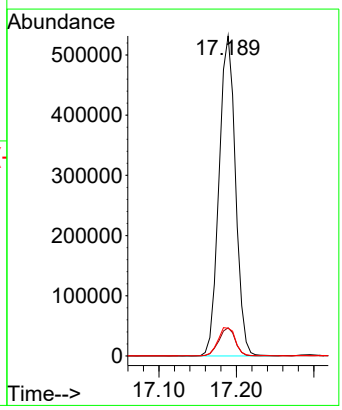


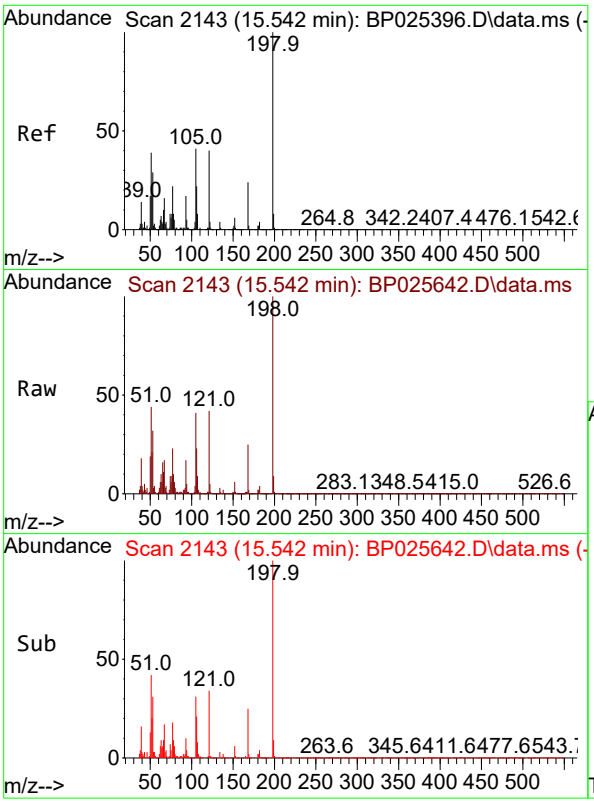


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:188 Resp: 785697

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	8.7	6.7	10.1



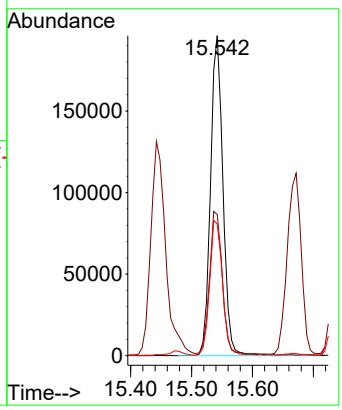


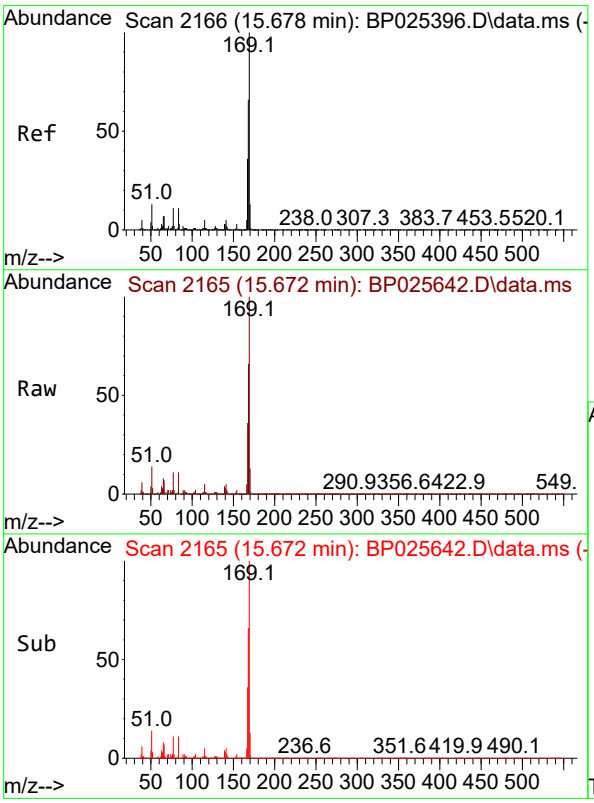
#65
4,6-Dinitro-2-methylphenol
Concen: 56.751 ng
RT: 15.542 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:198 Resp: 277946

Ion	Ratio	Lower	Upper
198	100		
51	44.1	19.6	59.6
105	41.2	20.9	60.9

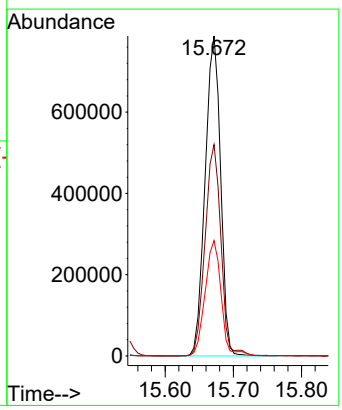


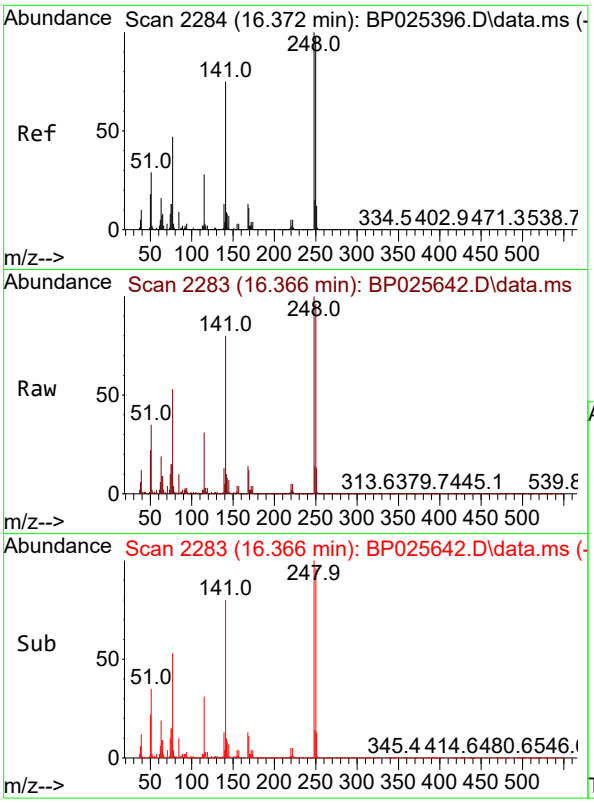


#66
n-Nitrosodiphenylamine
Concen: 51.818 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:169 Resp: 1241513

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.1	28.7	43.1



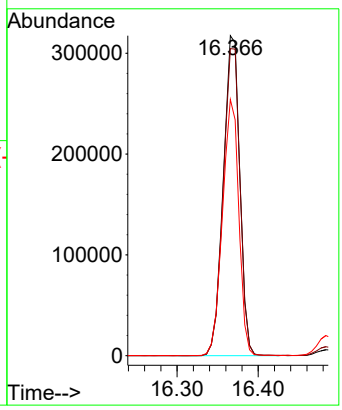


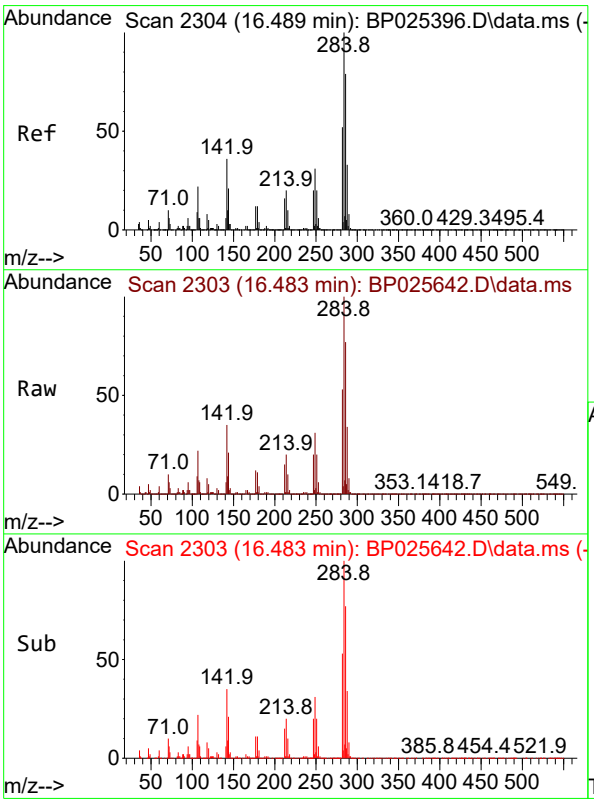
#67
4-Bromophenyl-phenylether
Concen: 52.124 ng
RT: 16.366 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:248 Resp: 450417

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.2	117.2
141	80.1	59.6	89.4

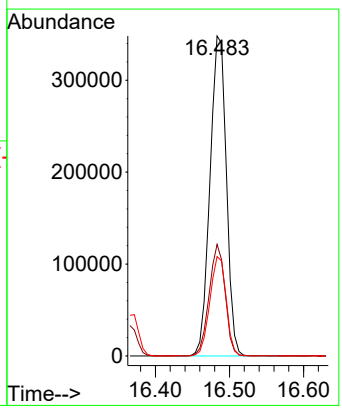


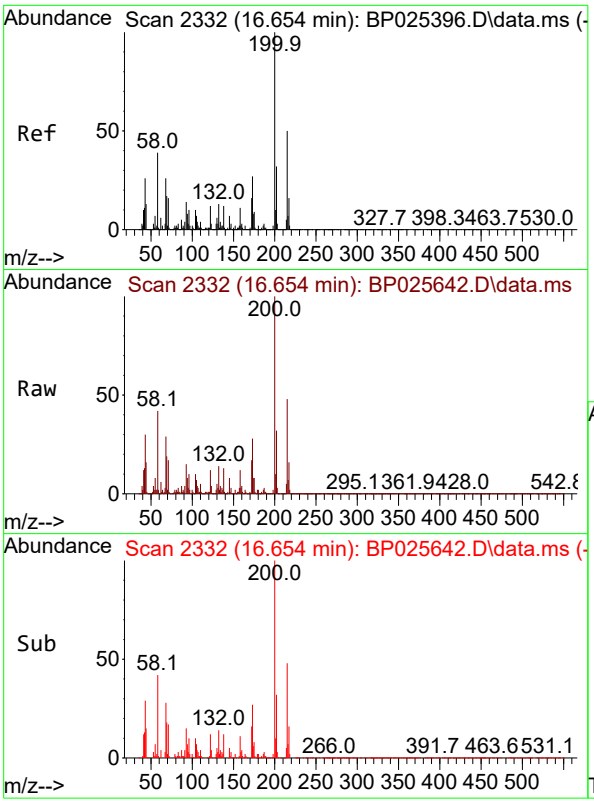


#68
Hexachlorobenzene
Concen: 53.313 ng
RT: 16.483 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:284 Resp: 534029

Ion	Ratio	Lower	Upper
284	100		
142	34.9	29.1	43.7
249	31.0	25.0	37.4



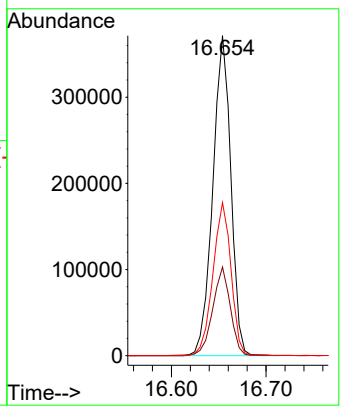


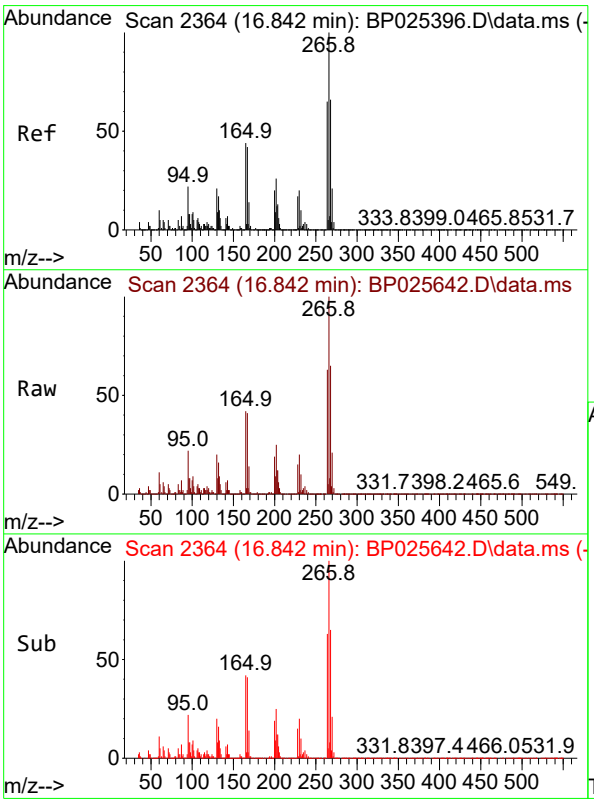
#69
Atrazine
Concen: 54.752 ng
RT: 16.654 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:200 Resp: 491276

Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.7	46.7
215	47.8	29.7	69.7

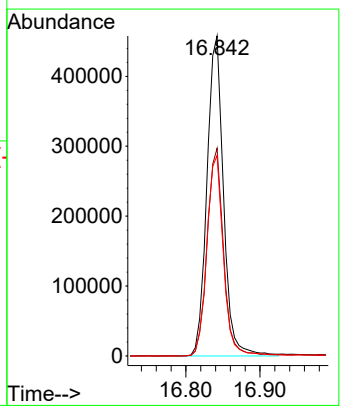


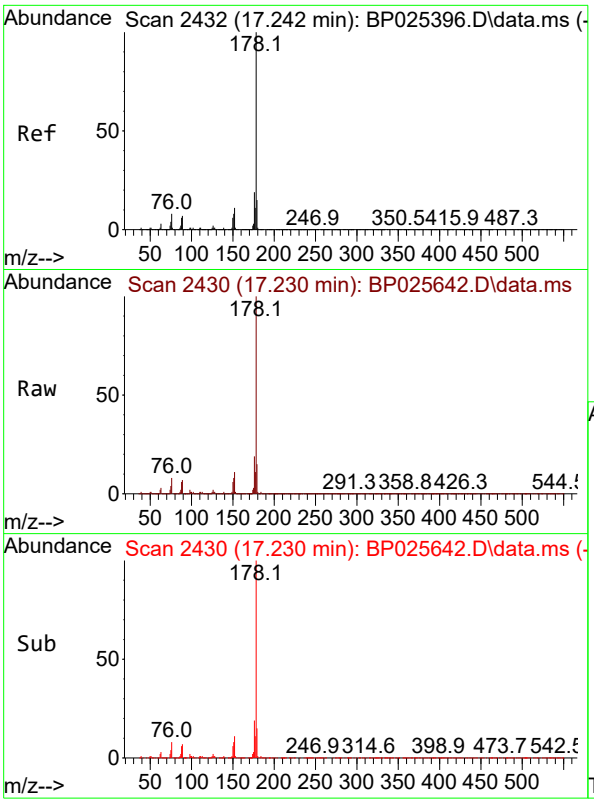


#70
Pentachlorophenol
Concen: 112.179 ng
RT: 16.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:266 Resp: 709330

Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.6	79.0
264	62.6	52.0	78.0



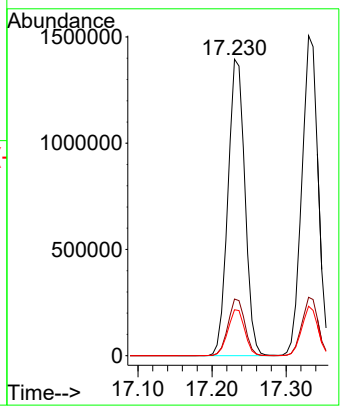


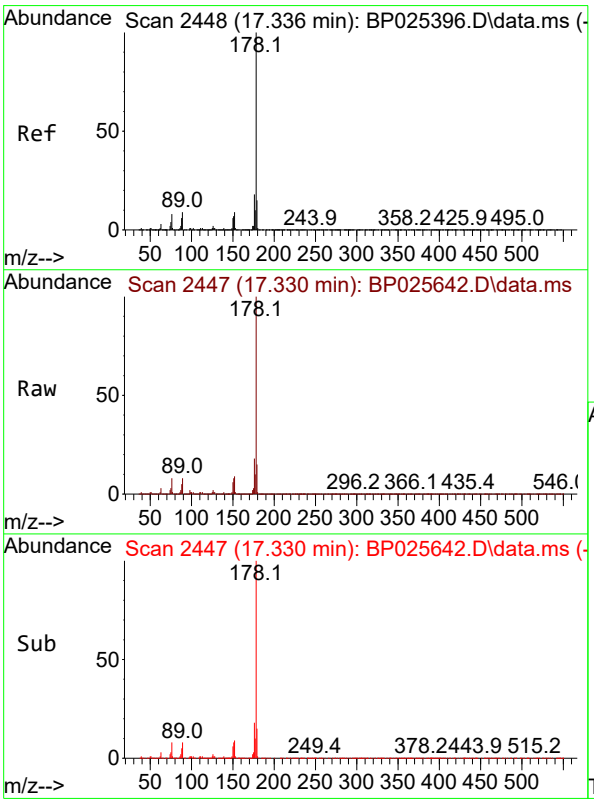
#71
Phenanthrene
Concen: 51.341 ng
RT: 17.230 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:178 Resp: 2215919

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.2	18.4

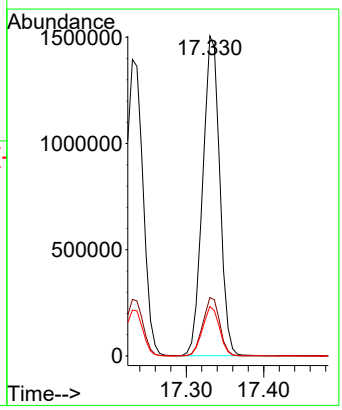


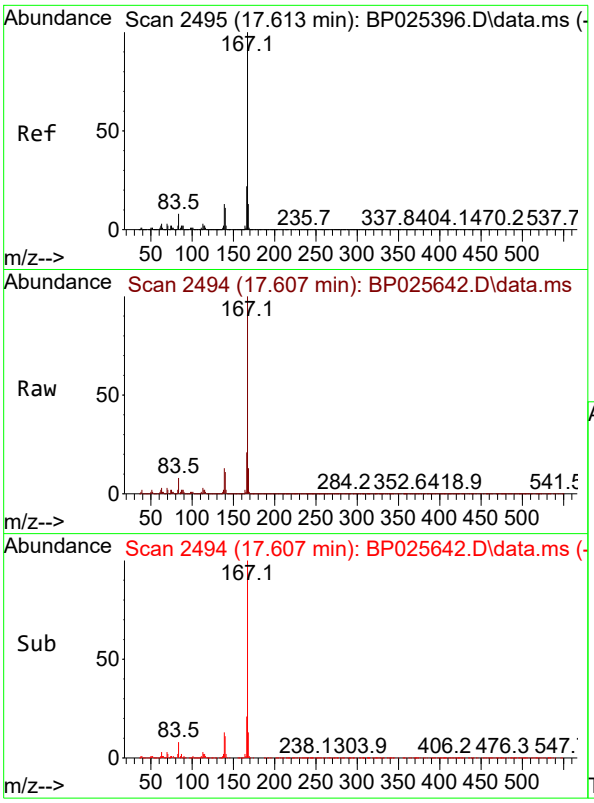


#72
Anthracene
Concen: 52.220 ng
RT: 17.330 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:178 Resp: 2301659

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.4	12.2	18.2



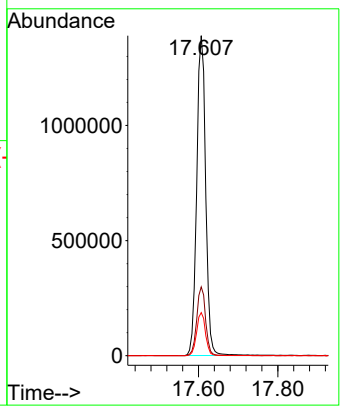


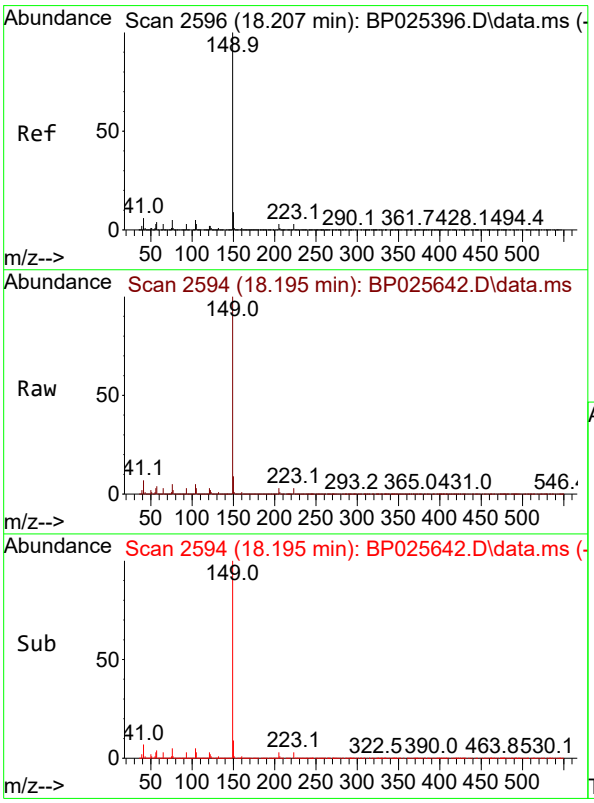
#73
Carbazole
Concen: 52.586 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:167 Resp: 2183170

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.5	10.6	16.0

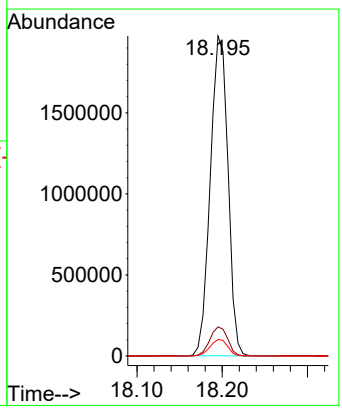


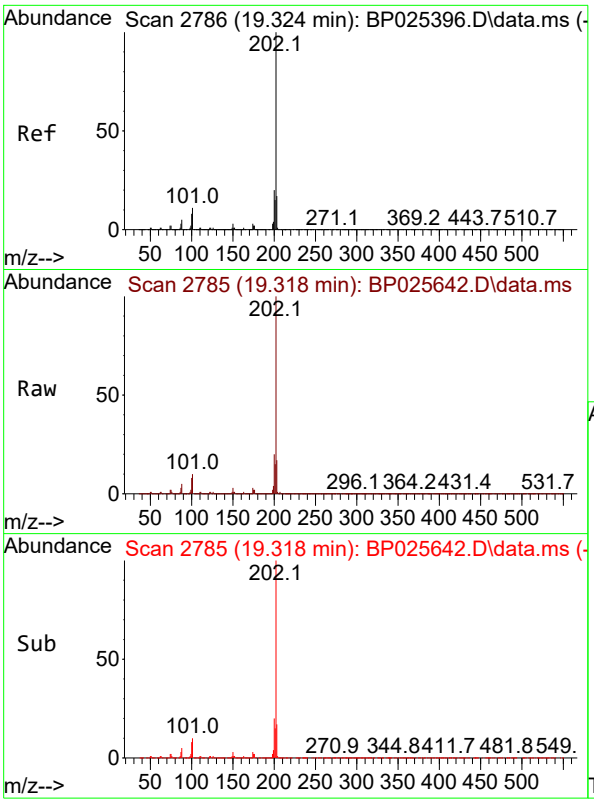


#74
Di-n-butylphthalate
Concen: 55.653 ng
RT: 18.195 min Scan# 2594
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 2842640

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	4.2	6.2



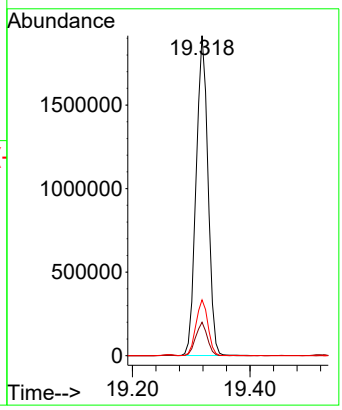


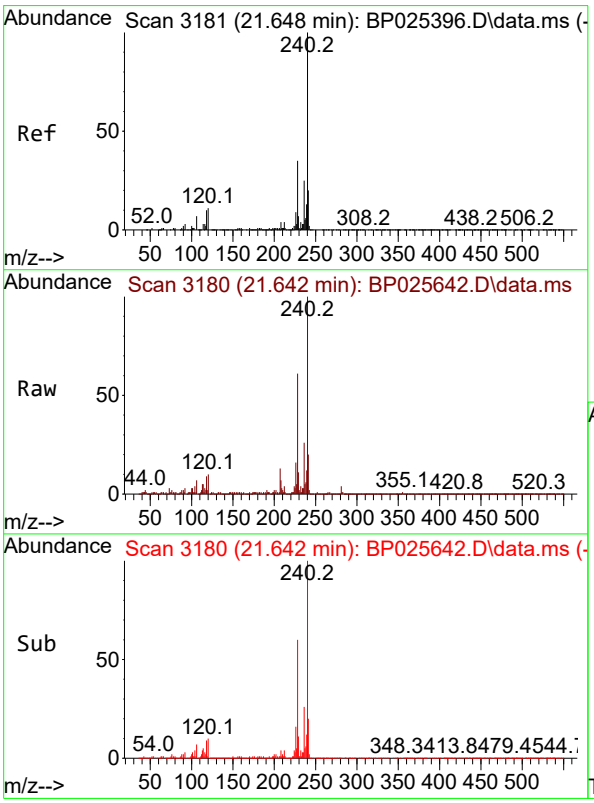
#75
Fluoranthene
Concen: 52.019 ng
RT: 19.318 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:202 Resp: 2678119

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.1
203	17.5	0.0	37.3

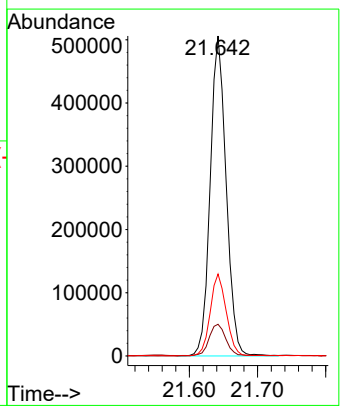


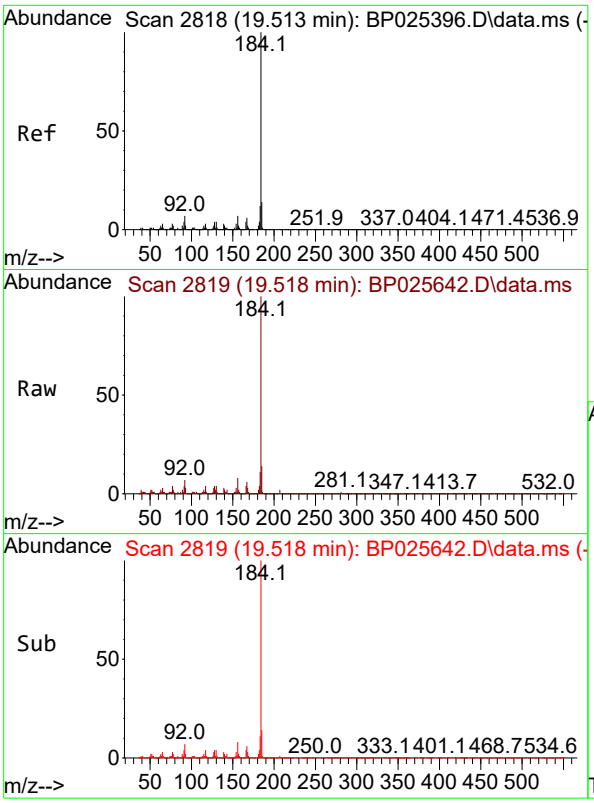


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:240 Resp: 824922

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.6	19.8	29.8



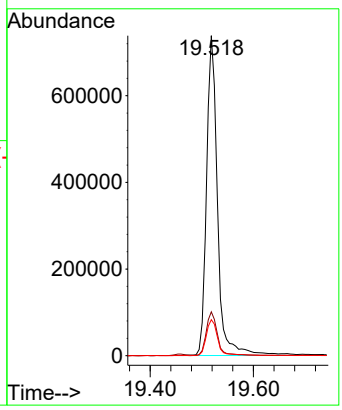


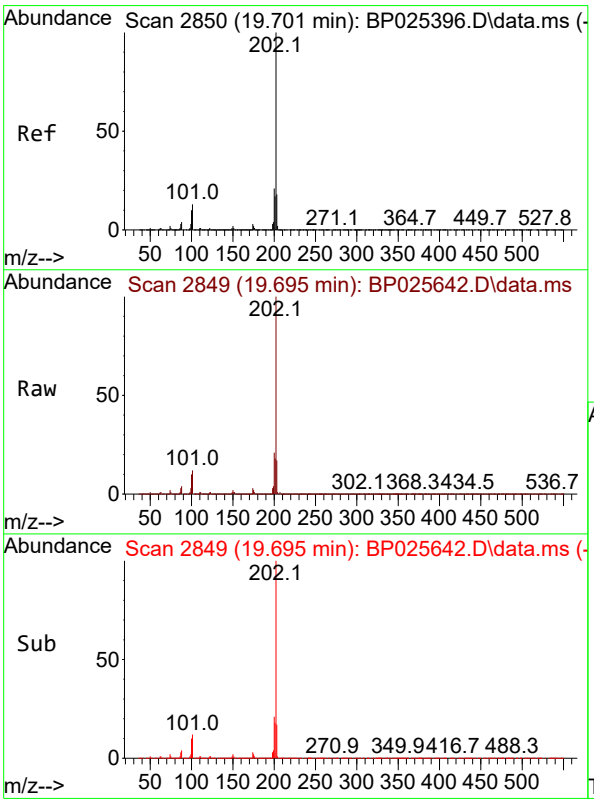
#77
Benzidine
Concen: 38.587 ng
RT: 19.518 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:184 Resp: 1086334

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.2	9.4	14.2

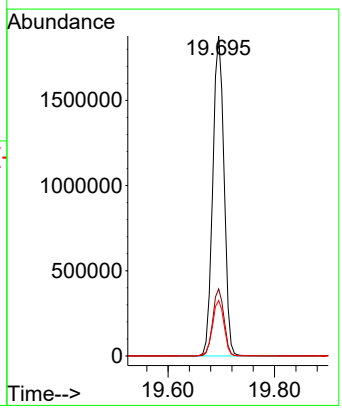


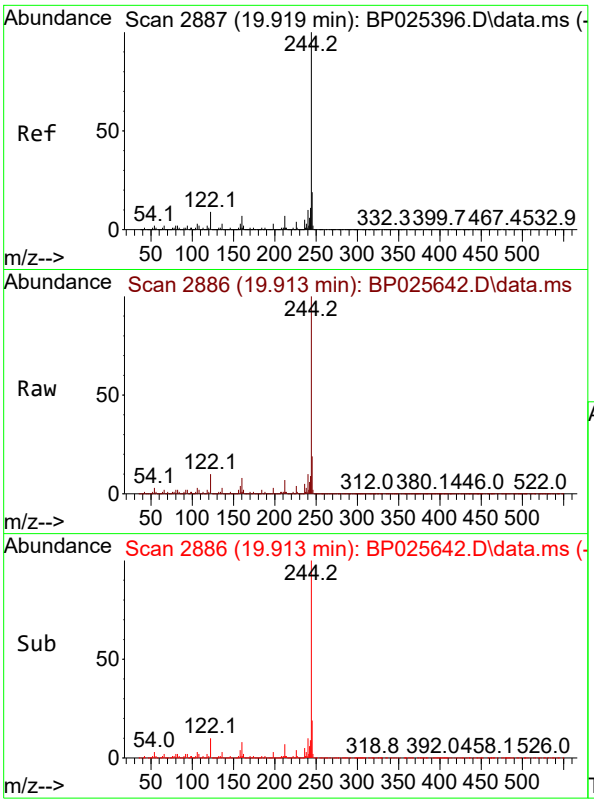


#78
Pyrene
Concen: 51.234 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:202 Resp: 2747023

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	14.2	21.2



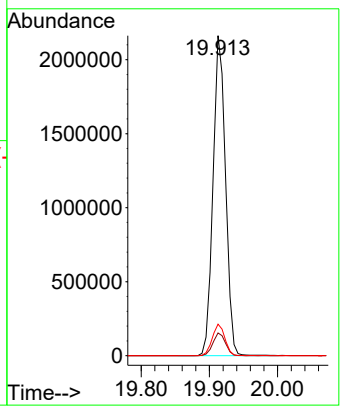


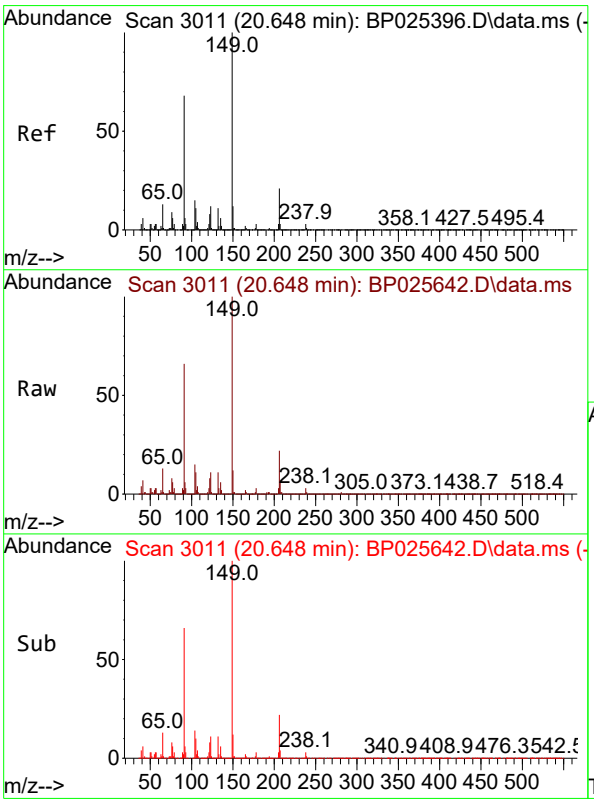
#79
Terphenyl-d14
Concen: 61.140 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:244 Resp: 2756690

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	7.4	11.2

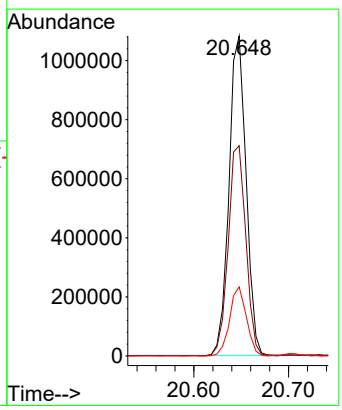


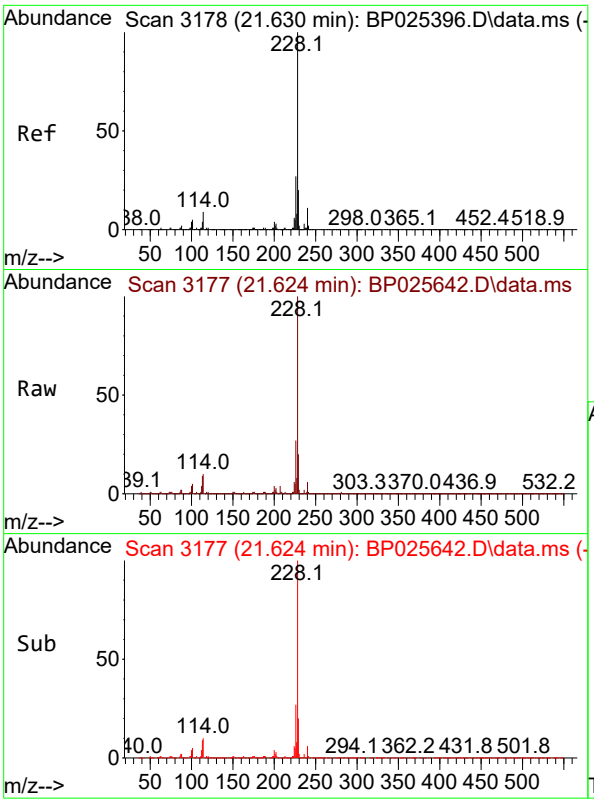


#80
Butylbenzylphthalate
Concen: 56.014 ng
RT: 20.648 min Scan# 3011
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 1361147

Ion	Ratio	Lower	Upper
149	100		
91	65.7	54.2	81.2
206	21.6	16.6	24.8



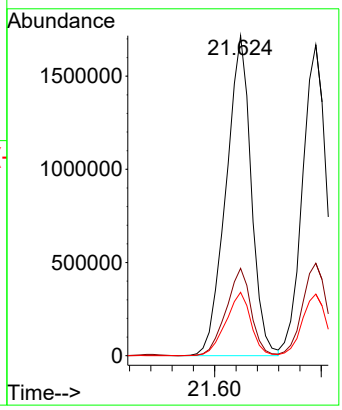


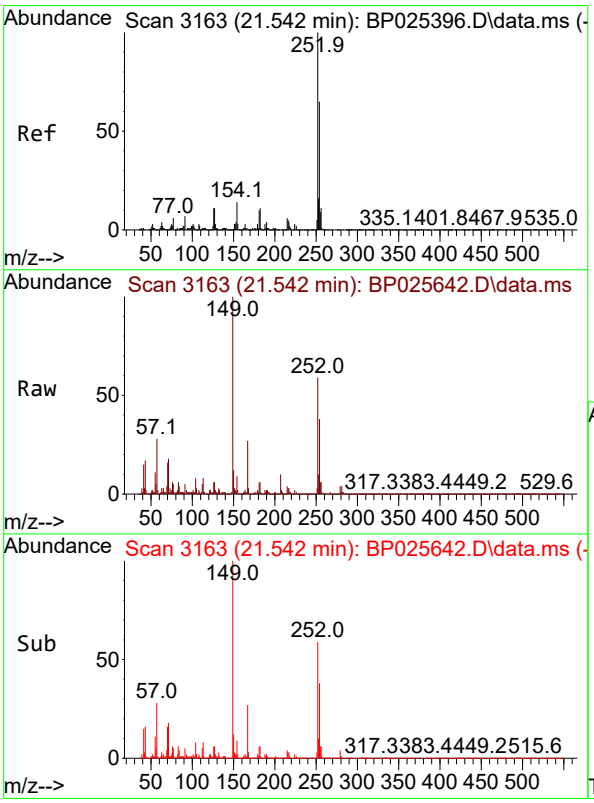
#81
Benzo(a)anthracene
Concen: 51.788 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:228 Resp: 2817469

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.8	15.6	23.4

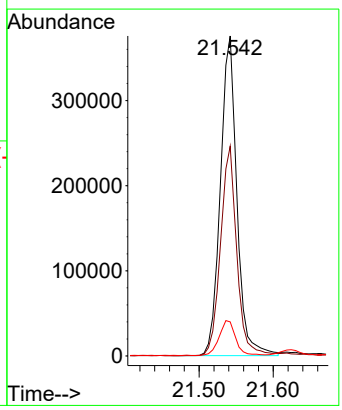


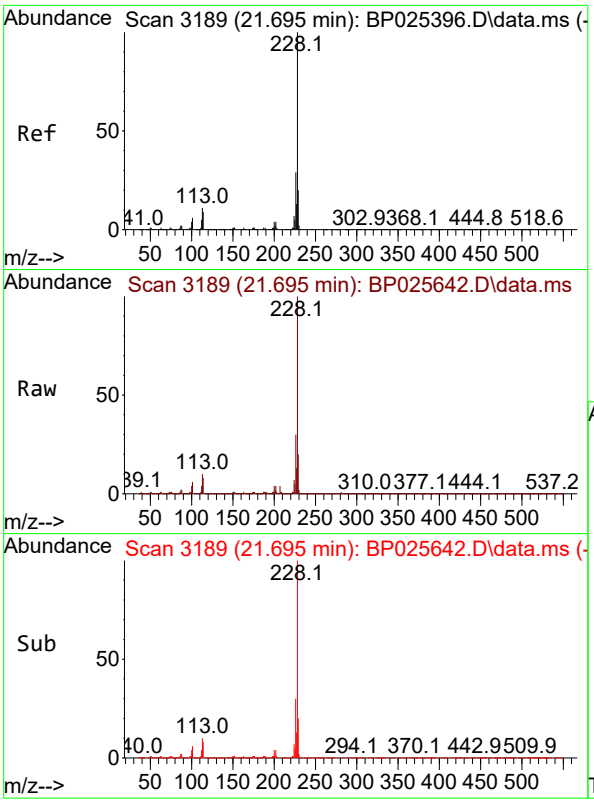


#82
3,3'-Dichlorobenzidine
Concen: 28.352 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:252 Resp: 581383

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.6
126	10.6	9.1	13.7



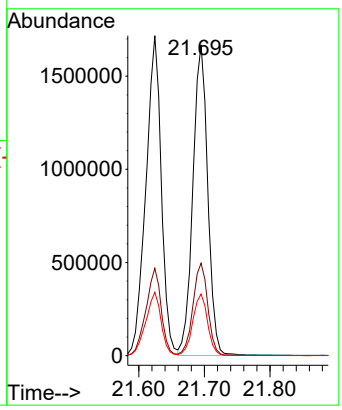


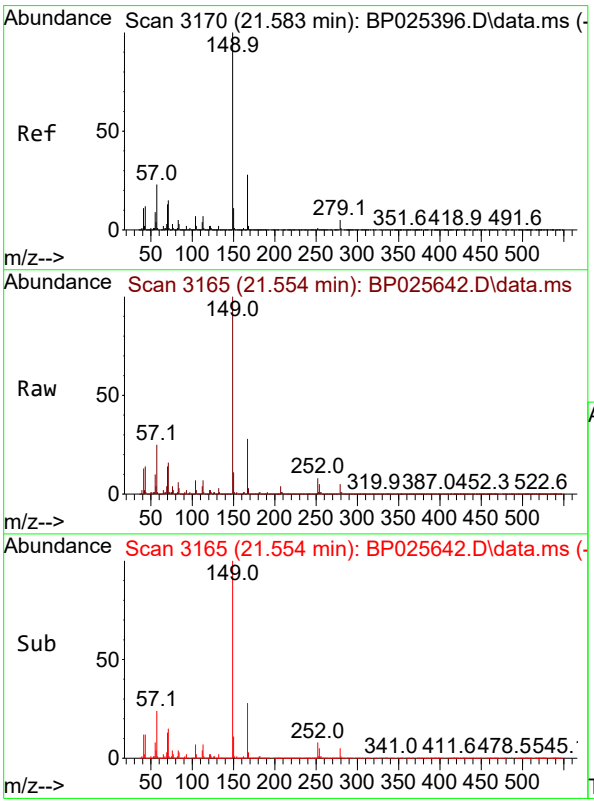
#83
Chrysene
Concen: 51.726 ng
RT: 21.695 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:228 Resp: 2635410

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	19.8	15.6	23.4

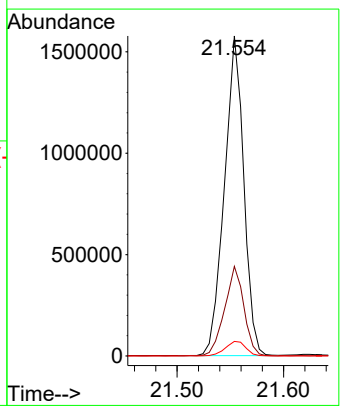


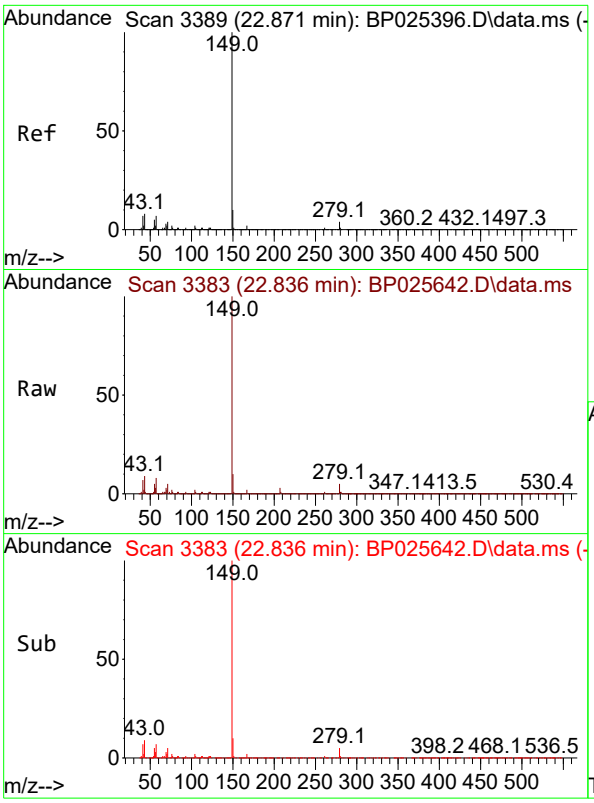


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.799 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.029 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:149 Resp: 1995975

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.6	3.8	5.6



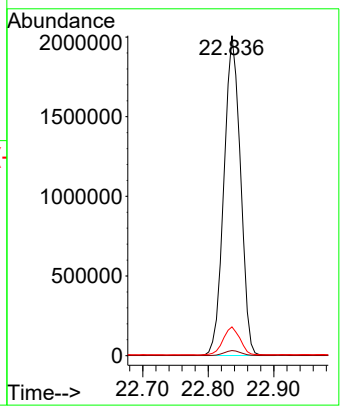


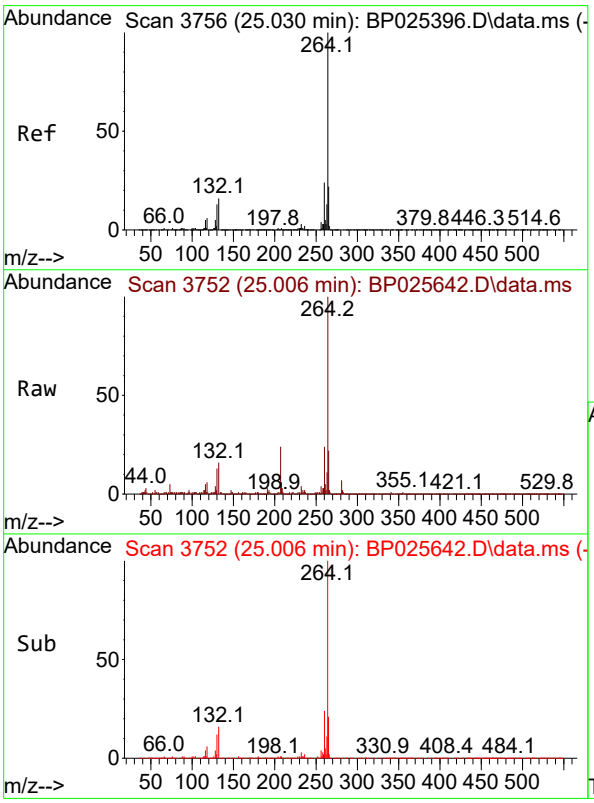
#85
Di-n-octyl phthalate
Concen: 57.037 ng
RT: 22.836 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:149 Resp: 3509362

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	6.3	9.5

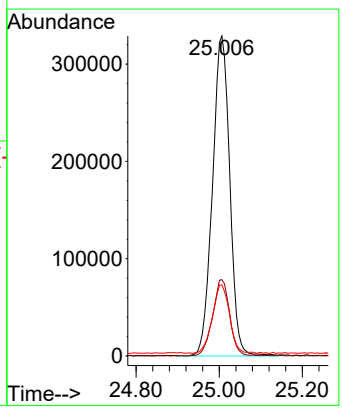


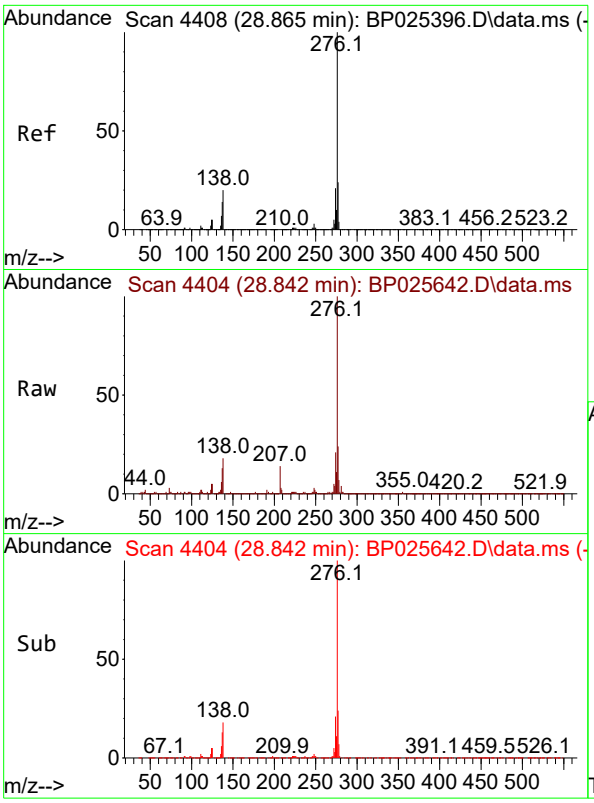


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:264 Resp: 951740

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.3	17.4	26.0



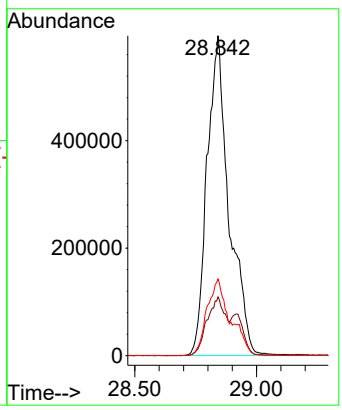


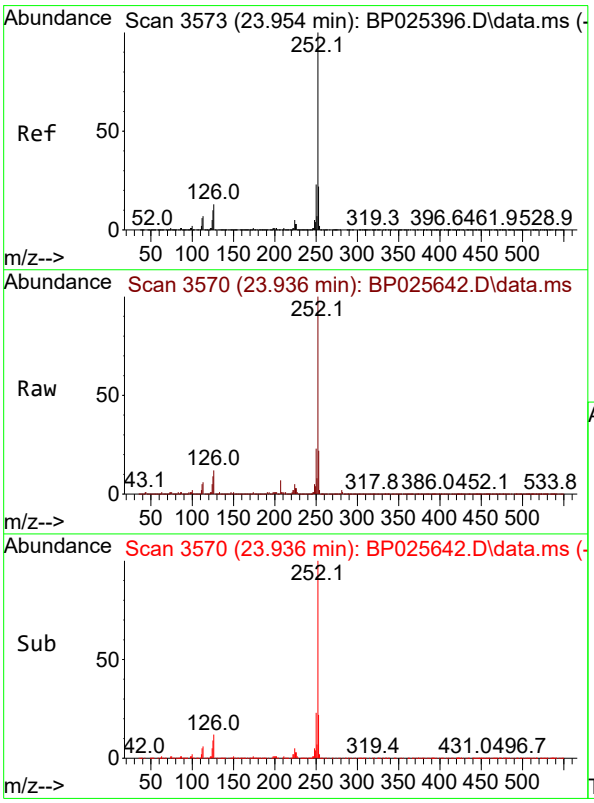
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.226 ng
RT: 28.842 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:276 Resp: 3714994

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.9	19.3
277	21.7	17.0	25.6

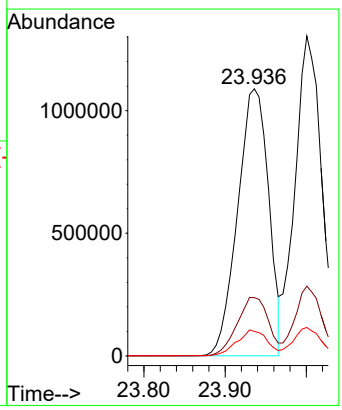


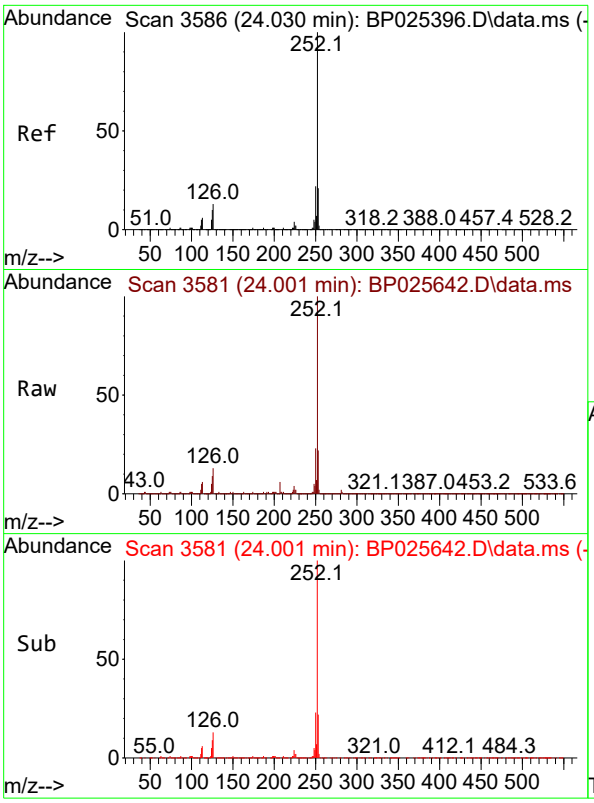


#88
Benzo(b)fluoranthene
Concen: 51.458 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:252 Resp: 2887889

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.2	7.9	11.9



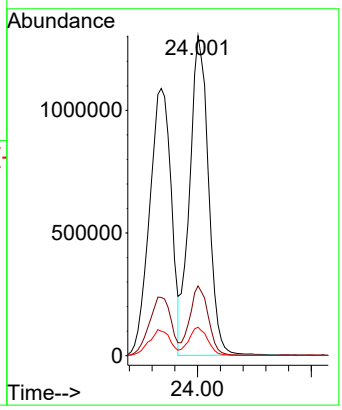


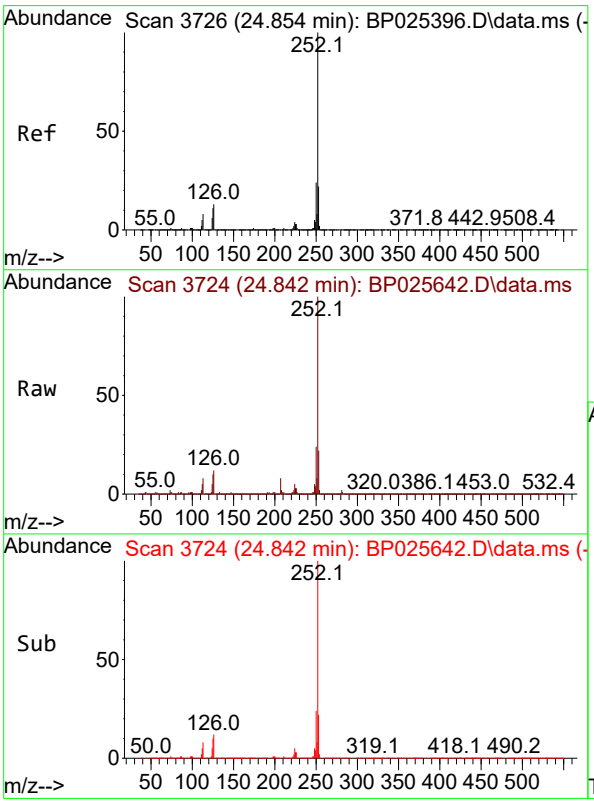
#89
Benzo(k)fluoranthene
Concen: 53.500 ng
RT: 24.001 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:252 Resp: 3004552

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	8.9	7.8	11.6

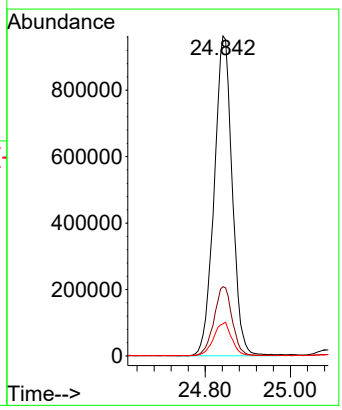


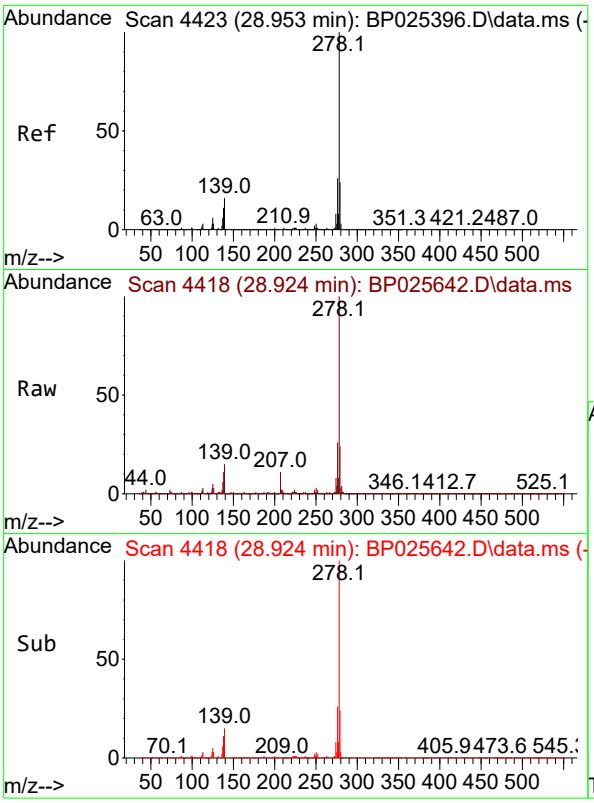


#90
Benzo(a)pyrene
Concen: 51.749 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:252 Resp: 2827051

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.0	8.7	13.1



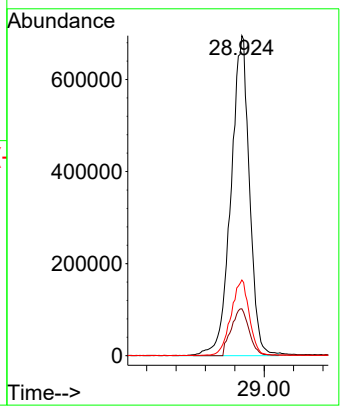


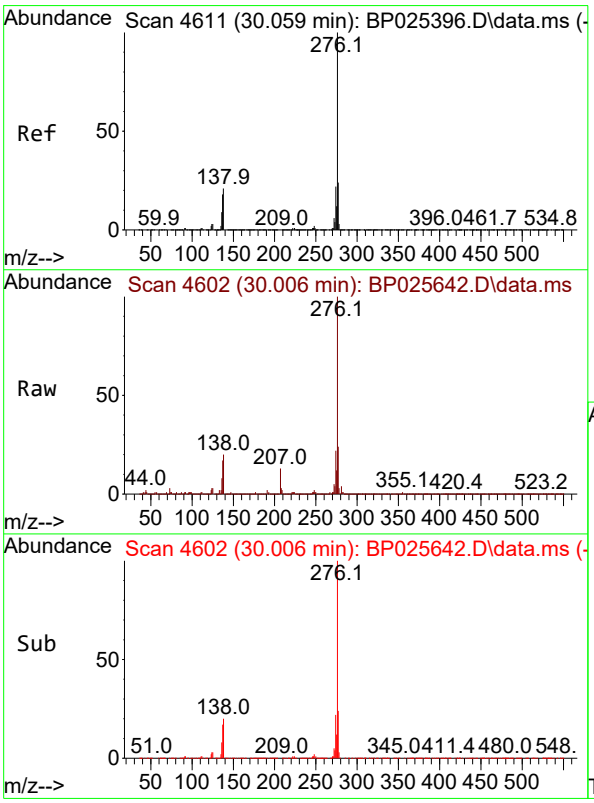
#91
Dibenzo(a,h)anthracene
Concen: 53.286 ng
RT: 28.924 min Scan# 4
Delta R.T. -0.030 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-5MSD

Tgt Ion:278 Resp: 3039360

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	23.7	19.4	29.2

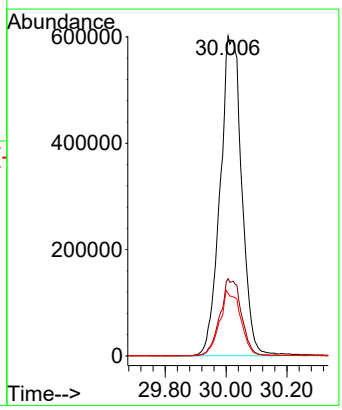




#92
Benzo(g,h,i)perylene
Concen: 52.676 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.053 min
Lab File: BP025642.D
Acq: 02 Sep 2025 17:37

Tgt Ion:276 Resp: 2953428

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	19.6	16.7	25.1



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Manual Integration Report

Sequence:	bg082825	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064219.D	1,3-Dichlorobenzene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC005	BG064219.D	1-Methylnaphthalene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC010	BG064220.D	Benzoic acid	Rahul	8/29/2025 10:50:31 AM	Jagrut	8/29/2025 10:59:09 AM	Peak Integrated by Software
SSTDICC020	BG064221.D	Benzaldehyde	Rahul	8/29/2025 10:50:33 AM	Jagrut	8/29/2025 10:59:11 AM	Peak Integrated by Software
SSTDICCC040	BG064222.D	Benzoic acid	Rahul	8/29/2025 10:50:35 AM	Jagrut	8/29/2025 10:59:14 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzaldehyde	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzoic acid	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC060	BG064224.D	Benzoic acid	Rahul	8/29/2025 10:50:40 AM	Jagrut	8/29/2025 10:59:20 AM	Peak Integrated by Software
SSTDICC080	BG064225.D	Benzoic acid	Rahul	8/29/2025 10:50:42 AM	Jagrut	8/29/2025 10:59:22 AM	Peak Integrated by Software
SSTDICV040	BG064226.D	Benzoic acid	Rahul	8/29/2025 10:50:44 AM	Jagrut	8/29/2025 10:59:25 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BG090225	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP090225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM				
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM				
SubDirectory	BG082825	HP Acquire Method	BNA_G		HP Processing Method	bg082825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064217.D	28 Aug 2025 10:11	RC/JU	Ok
2	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51	RC/JU	Ok
3	SSTDICC005	BG064219.D	28 Aug 2025 11:32	RC/JU	Ok,M
4	SSTDICC010	BG064220.D	28 Aug 2025 12:12	RC/JU	Ok,M
5	SSTDICC020	BG064221.D	28 Aug 2025 12:53	RC/JU	Ok,M
6	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	RC/JU	Ok,M
7	SSTDICC050	BG064223.D	28 Aug 2025 14:55	RC/JU	Ok,M
8	SSTDICC060	BG064224.D	28 Aug 2025 15:35	RC/JU	Ok,M
9	SSTDICC080	BG064225.D	28 Aug 2025 16:16	RC/JU	Ok,M
10	SSTDICV040	BG064226.D	28 Aug 2025 18:19	RC/JU	Ok,M
11	PB169325TB	BG064227.D	28 Aug 2025 19:00	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG090225

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BG090225	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064239.D	2 Sep 2025 9:43	RC/JU	Ok
2	SSTDCCC040	BG064240.D	2 Sep 2025 11:10	RC/JU	Ok
3	PB169461BL	BG064241.D	2 Sep 2025 11:51	RC/JU	Ok
4	Q2982-01	BG064242.D	2 Sep 2025 12:41	RC/JU	Ok
5	Q2982-05	BG064243.D	2 Sep 2025 13:22	RC/JU	Ok
6	Q2991-01	BG064244.D	2 Sep 2025 14:03	RC/JU	Ok,NR
7	Q2995-01	BG064245.D	2 Sep 2025 14:43	RC/JU	Ok,NR
8	Q2994-01	BG064246.D	2 Sep 2025 15:25	RC/JU	Ok,NR
9	Q2997-01	BG064247.D	2 Sep 2025 16:06	RC/JU	Ok,NR
10	Q2998-01	BG064248.D	2 Sep 2025 16:47	RC/JU	Ok,NR

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 # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM				
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM				
SubDirectory	BP081425	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

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 # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	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 # BP090225

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BP090225	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025636.D	02 Sep 2025 13:26	CG/JU	Ok
2	SSTDCCC040	BP025637.D	02 Sep 2025 14:07	CG/JU	Ok
3	PB169490BL	BP025638.D	02 Sep 2025 14:48	CG/JU	Ok
4	PB169509BS	BP025639.D	02 Sep 2025 15:29	CG/JU	Ok
5	Q2989-01	BP025640.D	02 Sep 2025 16:15	CG/JU	Ok
6	Q2989-01MS	BP025641.D	02 Sep 2025 16:56	CG/JU	Ok,NR
7	Q2989-01MSD	BP025642.D	02 Sep 2025 17:37	CG/JU	Ok
8	PB169490BS	BP025643.D	02 Sep 2025 18:19	CG/JU	Ok
9	Q2995-02	BP025644.D	02 Sep 2025 19:00	CG/JU	Ok
10	Q2995-02MS	BP025645.D	02 Sep 2025 19:41	CG/JU	Ok
11	Q2995-02MSD	BP025646.D	02 Sep 2025 20:22	CG/JU	Ok
12	Q2989-03	BP025647.D	02 Sep 2025 21:03	CG/JU	Ok
13	Q2996-02	BP025648.D	02 Sep 2025 21:44	CG/JU	Ok
14	Q2996-04	BP025649.D	02 Sep 2025 22:25	CG/JU	Ok
15	Q2996-03	BP025650.D	02 Sep 2025 23:06	CG/JU	Ok
16	Q2996-05	BP025651.D	02 Sep 2025 23:47	CG/JU	Not Ok
17	Q2996-05	BP025652.D	03 Sep 2025 00:28	CG/JU	Ok
18	Q2996-01	BP025653.D	03 Sep 2025 01:09	CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM		
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM		
SubDirectory	BG082825	HP Acquire Method	BNA_G	HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/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	BG064217.D	28 Aug 2025 10:11		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064219.D	28 Aug 2025 11:32		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064220.D	28 Aug 2025 12:12		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064221.D	28 Aug 2025 12:53		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064223.D	28 Aug 2025 14:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064224.D	28 Aug 2025 15:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064225.D	28 Aug 2025 16:16	Compound #9 revoved from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBG082825	BG064226.D	28 Aug 2025 18:19		RC/JU	Ok,M
11	PB169325TB	PB169325TB	BG064227.D	28 Aug 2025 19:00		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG090225

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BG090225	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064239.D	2 Sep 2025 9:43		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064240.D	2 Sep 2025 11:10		RC/JU	Ok
3	PB169461BL	PB169461BL	BG064241.D	2 Sep 2025 11:51		RC/JU	Ok
4	Q2982-01	MOO-25-0237	BG064242.D	2 Sep 2025 12:41	Need NONCON as straight analysis required.	RC/JU	Ok
5	Q2982-05	MOO-25-0249-0253	BG064243.D	2 Sep 2025 13:22	Need NONCON as straight analysis required.	RC/JU	Ok
6	Q2991-01	309	BG064244.D	2 Sep 2025 14:03		RC/JU	Ok,NR
7	Q2995-01	RT5427	BG064245.D	2 Sep 2025 14:43		RC/JU	Ok,NR
8	Q2994-01	PAULDING-WC1	BG064246.D	2 Sep 2025 15:25		RC/JU	Ok,NR
9	Q2997-01	EO-01-082925	BG064247.D	2 Sep 2025 16:06		RC/JU	Ok,NR
10	Q2998-01	AU-05-082925	BG064248.D	2 Sep 2025 16:47		RC/JU	Ok,NR

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 # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		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 # BP090225

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BP090225	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025636.D	02 Sep 2025 13:26	Tailing is 2.30 for compound #Benzidine	CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025637.D	02 Sep 2025 14:07	CCC fail high side for com. #9	CG/JU	Ok
3	PB169490BL	PB169490BL	BP025638.D	02 Sep 2025 14:48		CG/JU	Ok
4	PB169509BS	PB169509BS	BP025639.D	02 Sep 2025 15:29		CG/JU	Ok
5	Q2989-01	SOUTH-TP-5	BP025640.D	02 Sep 2025 16:15		CG/JU	Ok
6	Q2989-01MS	SOUTH-TP-5MS	BP025641.D	02 Sep 2025 16:56		CG/JU	Ok,NR
7	Q2989-01MSD	SOUTH-TP-5MSD	BP025642.D	02 Sep 2025 17:37		CG/JU	Ok
8	PB169490BS	PB169490BS	BP025643.D	02 Sep 2025 18:19	Recovery fail high for some compound	CG/JU	Ok
9	Q2995-02	RT5427	BP025644.D	02 Sep 2025 19:00		CG/JU	Ok
10	Q2995-02MS	RT5427MS	BP025645.D	02 Sep 2025 19:41		CG/JU	Ok
11	Q2995-02MSD	RT5427MSD	BP025646.D	02 Sep 2025 20:22	Recovery fail high for some compound	CG/JU	Ok
12	Q2989-03	SOUTH-TP-6	BP025647.D	02 Sep 2025 21:03		CG/JU	Ok
13	Q2996-02	CONTAINMENT-A	BP025648.D	02 Sep 2025 21:44		CG/JU	Ok
14	Q2996-04	CONTAINMENT-B	BP025649.D	02 Sep 2025 22:25		CG/JU	Ok
15	Q2996-03	CONTAINMENT-B	BP025650.D	02 Sep 2025 23:06		CG/JU	Ok
16	Q2996-05	CONTAINMENT-C	BP025651.D	02 Sep 2025 23:47	Already analyzed in same sequence on BP025650.D, Please confirm sample ID.	CG/JU	Not Ok

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 # BP090225

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BP090225	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q2996-05	CONTAINMENT-C	BP025652.D	03 Sep 2025 00:28		CG/JU	Ok
18	Q2996-01	CONTAINMENT-A	BP025653.D	03 Sep 2025 01:09		CG/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 9/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 08/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137021

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
Q2987-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2987-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2987-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2987-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2987-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2987-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2989-01	SOUTH-TP-5	7	1.15	11.15	12.3	10.9	87.4	
Q2989-02	SOUTH-TP-5-E2	8	1.16	10.65	11.81	10.23	85.2	
Q2989-03	SOUTH-TP-6	9	1.18	10.81	11.99	10.74	88.4	
Q2989-04	SOUTH-TP-6-E2	10	1.17	10.22	11.39	10.31	89.4	
Q2991-01	309	11	1.00	1.00	2.00	2.00	100.0	debris
Q2991-02	309	12	1.00	1.00	2.00	2.00	100.0	debris
Q2991-03	303-304-305-COMP	13	1.15	10.50	11.65	11.22	95.9	
Q2991-04	303	14	1.19	10.15	11.34	10.93	96.0	
Q2991-05	304	15	1.19	10.48	11.67	11.27	96.2	
Q2991-06	305	16	1.14	10.47	11.61	11.21	96.2	
Q2992-01	BC274767-A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2992-02	BC274767-B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q2994-01	PAULDING-WC1	19	1.15	10.74	11.89	10.92	91.0	
Q2995-01	RT5427	20	1.19	10.76	11.95	11.03	91.4	
Q2996-01	CONTAINMENT-A	21	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-03	CONTAINMENT-B	22	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-05	CONTAINMENT-C	23	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2997-01	EO-01-082925	24	1.15	10.53	11.68	10.88	92.4	
Q2997-02	EO-01-082925-E2	25	1.12	10.87	11.99	11.05	91.4	
Q2998-01	AU-05-082925	26	1.19	10.93	12.12	11.52	94.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB137021

WorkList Name : %1-082925 **WorkList ID :** 191576 **Department :** Wet-Chemistry **Date :** 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2987-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-01	SOUTH-TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-02	SOUTH-TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-03	SOUTH-TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-04	SOUTH-TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-01	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-02	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-03	303-304-305-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-04	303	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-05	304	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-06	305	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-01	BC274767-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-02	BC274767-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2994-01	PAULDING-WC1	Solid	Percent Solids	Cool 4 deg C	CORE02	D31	08/29/2025	Chemtech -SO
Q2995-01	RT5427	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-01	CONTAINMENT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: JD CSM

Date/Time 08/29/25 17:35

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: JD CSM

WORKLIST(Hardcopy Internal Chain)

9/3/2021

WorkList Name : %1-082925 **WorkList ID :** 191576 **Department :** Wet-Chemistry **Date :** 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2996-03	CONTAINMENT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-05	CONTAINMENT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2997-01	EO-01-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2997-02	EO-01-082925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2998-01	AU-05-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
Raw Sample Received by: SB CWC
Raw Sample Relinquished by: JP CSM

Date/Time 08/29/25 17:35
Raw Sample Received by: JP CSM
Raw Sample Relinquished by: SB CWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169490

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/02/2025
Matrix :	Solid			**Extraction Start Time :**	10:00
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	09/02/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:15
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
Spike Sol 6	1.0ML	100/150 PPM	SP6852
LOD	1.0ML	~~N/A~~ 4PPM / 8PPM	SP6816/6818
LOQ	1.0ML	~~N/A~~ 5PPM / 10PPM	SP6817/6819
LOQ	0.5ML	~~N/A~~ 5PPM	SP6817

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2636
Methylene Chloride	N/A	E3964
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q2991-01 used Limitred volume as sample is Oily Debris.

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
9/2/25	RS (Ext-Lab)	JR / SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169490

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/02/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169490BL	SBLK490	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U4-1
PB169490BS	SLCS490	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q2126-01	LOD-MDL-SOIL-03-QT2-2025 4PPM	SVOC-Chemtech Full -25	30.04	N/A	ritesh	Evelyn	1			3
Q2126-02	LOQ-SOIL-02-QT2-2025 5PPM	SVOC-Chemtech Full -25	30.05	N/A	ritesh	Evelyn	1			4
Q2893-01	LOD-MDL-SOIL-01-QT3-2025 4PPM	SVOC-Chemtech Full -25	30.02	N/A	ritesh	Evelyn	1			5
Q2893-02	LOQ-SOIL-02-QT3-2025 5PPM	SVOC-Chemtech Full -25	30.00	N/A	ritesh	Evelyn	1			6
Q2989-01	SOUTH-TP-5	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		U6-1
Q2989-01MS	SOUTH-TP-5MS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		2
Q2989-01MSD	SOUTH-TP-5MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		3
Q2989-03	SOUTH-TP-6	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4
Q2991-01	309	SVOC-TCL BNA -20	5.03	N/A	ritesh	Evelyn	1	D	Oily Debris	5
Q2994-01	PAULDING-WC1	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	H		6
Q2995-01	RT5427	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		U1-1
Q2996-01	CONTAINMENT-A	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E	Stone	2
Q2996-03	CONTAINMENT-B	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E	Stone	3
Q2996-05	CONTAINMENT-C	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E	Stone	4
Q2997-01	EO-01-082925	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q2998-01	AU-05-082925	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q2126-01	LOD-SOIL-QT2 8PPM		30.03				1			U2-1
Q2126-02	LOQ-SOIL-QT2 10PPM		30.05				1			2
Q2893-01	LOD-SOIL-QT3 8PPM		30.04				1			3
Q2893-02	LOQ-SOIL-QT3 10PPM		30.01				1			4
Q2126-02	LOQ-SOIL-QT2 2-5PPM		30.02				1			5
Q2893-02	LOQ-SOIL-QT3 2-5PPM		30.00				1			6

RS
9/2

* **Extracts relinquished on the same date as received.**

169490
10:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2991BN **WorkList ID :** 191613 **Department :** Extraction **Date :** 09-02-2025 09:09:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	Solid	SVOC-Chemtech Full -25	NONE	ALLI03	QA Of	08/18/2025	8270E
Q2893-02	LOQ-SOIL-02-QT3-2025	Solid	SVOC-Chemtech Full -25	NONE	ALLI03	QA Of	08/18/2025	8270E
Q2989-01	SOUTH-TP-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	08/29/2025	8270E
Q2989-03	SOUTH-TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	08/29/2025	8270E
Q2991-01	309	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/29/2025	8270E
Q2994-01	PAULDING-WC1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CORE02	D31	08/29/2025	8270E
Q2995-01	RT5427	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/29/2025	8270E
Q2996-01	CONTAINMENT-A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/29/2025	8270E
Q2996-03	CONTAINMENT-B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/29/2025	8270E
Q2996-05	CONTAINMENT-C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/29/2025	8270E
Q2997-01	EO-01-082925	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/29/2025	8270E
Q2998-01	AU-05-082925	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D21	08/29/2025	8270E

Date/Time 09/02/25 9:55
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by:

Date/Time 09/02/25 10:25
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext-Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2994
COC Number 2045020

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Core Environmental Consultants
ADDRESS: 22-48 119th Street
CITY Queens STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 609-781-8074 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BNY - Paulding street WC
PROJECT NO.: 082925B LOCATION: Brooklyn, New York
PROJECT MANAGER: Roland Scardino
e-mail: RScardino@COREENV.com
PHONE: 609-781-8074 FAX:

CLIENT BILLING INFORMATION

BILL TO: Core Env PO#:
ADDRESS: 2312 Wehrle Dr.
CITY Buffalo STATE: NY ZIP: 14221
ATTENTION: Joe Zaheer PHONE (716)204-8054

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD 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 EQuIS

ANALYSIS

1: EPH-NF
2: Percent Solids
3: Pesticide-TCL
4: SVOC-TCL&NP20
5: Mercury Metals tal
6: RCRA-8 metals
7: PCB
8: Paint Filter
9: VOC-TCLVOA-10

PRESERVATIVES

4°C

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1. ~~Paulding~~	~~Paulding - WC 1~~															
2.	Paulding - WC 1	Soil	✓		8/29/25	09:00	7	X	X	X	X	X	X	X	X	X
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. Michael Bayer	8/29/25 9am	1. Roland Scardino
2. Roland Scardino	8-29-25 1306	2. 8-29-25 1306
3.	8-29-25 1547	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments: _____

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

Alliance TECHNICAL GROUP
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	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2994 CORE02
Client Name : Core Environmental Consul
Client Contact : Ronald Tramposch
Invoice Name : Core Environmental Consul
Invoice Contact : Ronald Tramposch

Order Date : 8/29/2025 1:47:15 PM
Project Name : Bayshore Soil BSM Manag
Receive DateTime : 8/29/2025 12:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2994-01	PAULDING-WC1	Solid	08/29/2025	09:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 8-29-25 1610

Received By :
Date / Time : 8/29/25 1610

Storage Area : VOA Refridgerator Room